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July 31, 2020

-VIA ELECTRONIC FILING -

Adam Teitzman
Commission Clerk
Florida Public Service Commission
2540 Shumard Oak Blvd.
Tallahassee, FL 32399-0850

Re: Docket No. 20200007-EI

Dear Mr. Teitzman:

I attach for electronic filing in the above docket (i) Florida Power & Light Company's ("FPL") Petition for Approval of Environmental Cost Recovery Actual/Estimated True-Up for the Year 2020 and for Modification of the Turkey Point Cooling Canal Monitoring Plan Project, and (ii) the testimony and exhibits of FPL witnesses Renae B. Deaton and Michael W. Sole.

Please contact me if you have or your Staff has any questions regarding this filing.

Sincerely,

s/ Maria Jose Moncada
Maria Jose Moncada

Attachments
cc: Counsel for Parties of Record (w/ attachments)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Environmental Cost Recovery Clause	Docket No.: 20200007-EI Filed: July 31, 2020

FLORIDA POWER & LIGHT COMPANY'S
PETITION FOR APPROVAL OF ENVIRONMENTAL COST RECOVERY
ACTUAL/ESTIMATED TRUE-UP FOR THE YEAR 2020 AND FOR MODIFICATION
OF THE TURKEY POINT COOLING CANAL MONITORING PLAN PROJECT

Florida Power & Light Company ("FPL") hereby petitions the Florida Public Service Commission ("Commission") for approval of its Actual/Estimated Environmental Cost Recovery Clause ("ECRC") true-up over-recovery amount of $4,763,785, including interest, for the period January 2020 through December 2020. In addition, FPL is requesting the Commission approve a modification to its Turkey Point Cooling Canal Monitoring Project to include litigation costs associated with an administrative challenge to its National Pollution Discharge Elimination System/Industrial Wastewater ("NPDES/IWW") permit renewal, which is an integral part of the continued compliance with the environmental requirements under the Project. In support of this Petition, FPL incorporates the prepared written testimony and exhibits of FPL witnesses Renae B. Deaton and Michael W. Sole.

1. Section 366.8255, Florida Statutes, authorizes the Commission to review and approve the recovery of prudently incurred environmental compliance costs.

2. Pursuant to Order Nos. PSC-2020-0044-PCO-EI and PSC-2020-0123-PCO-PU, FPL hereby files its 2020 ECRC Actual/Estimated testimony and exhibits.

3. FPL's Actual/Estimated true-up over-recovery for the period January 2020 through December 2020, including interest, is $4,763,785, as set forth in Ms. Deaton's testimony and exhibit.

FPL has included actual costs for the period January through May 2020 and updated estimates for June through December 2020. The calculation of the Actual/Estimated true-up amount for the period January 2020 through December 2020 is contained in Commission Schedules 42-1E through 42-9E, which are attached as Exhibit RBD-2 to Ms. Deaton's testimony.

4. The testimony and exhibits of Mr. Sole provide a status update and modification to FPL's Turkey Point Cooling Canal Monitoring Plan Project. As described by Mr. Sole, the Florida Department of Environmental Protection ("FDEP") has issued an intent to issue a NPDES/IWW Permit for the Turkey Point facility. Two parties have filed administrative challenges, resulting in litigation concerning the issuance of the final permit. The NPDES/IWW permit is an integral piece of FPL's ability to comply with the 2016 Consent Order issued by FDEP, the environmental law that forms the basis for the Cooling Canal Project. The proposed NPDES/IWW permit incorporates the 2016 Consent Order remedial actions and timelines related to retraction of the hypersaline plume as well as monitoring and reporting requirements. FPL estimates the costs of NPDES/IWW administrative challenge litigation to be $1.8 million in O&M costs.

5. This modification meets the Commission's three-part test for ECRC cost recovery. Accordingly, FPL requests the Commission approve a modification to the Cooling Canal Project to include costs associated with litigating the NPDES/IWW permit challenges.

WHEREFORE, FPL respectfully requests the Commission to approve its ECRC Actual/Estimated true-up over-recovery amount of $4,763,785, including interest, for the period

January 2020 through December 2020 that is requested herein, and to approve the modification to the Turkey Point Cooling Canal Monitoring Project to include the NPDES/IWW pemit litigation and associated costs.

Respectfully submitted,

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By: *s/ Maria Jose Moncada*
Maria Jose Moncada
Florida Bar No. 0773301

CERTIFICATE OF SERVICE
Docket No. 20200007-EI

I HEREBY CERTIFY that a true and correct copy of the foregoing has been furnished by electronic service on this 31st day of July 2020 to the following:

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By: *s/ Maria Jose Moncada*
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BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF RENAE B. DEATON

DOCKET NO. 20200007-EI

JULY 31, 2020

Q. Please state your name and address.

A. My name is Renae B. Deaton. My business address is Florida Power & Light Company, 700 Universe Boulevard, Juno Beach, Florida 33408.

Q. By whom are you employed and in what capacity?

A. I am employed by Florida Power & Light Company ("FPL" or the "Company") as Director of Clause Recovery and Wholesale Rates, in the Regulatory & State Governmental Affairs Department.

Q. Have you previously filed testimony in this docket?

A. Yes.

Q. What is the purpose of your testimony?

A. The purpose of my testimony is to present for Commission review and approval the Actual/Estimated True-up associated with FPL's environmental compliance activities for the period January 2020 through December 2020.

Q. Have you prepared or caused to be prepared under your direction, supervision or control an exhibit in this proceeding?

A. Yes, I have. My Exhibit RBD-2 consists of nine forms, PSC Forms 42-1E

through 42-9E, included in Appendix I.

- Form 42-1E provides a summary of the Actual/Estimated True-up amount for the period January 2020 through December 2020.
- Forms 42-2E and 42-3E reflect the calculation of the Actual/Estimated True-up amount for the period.
- Forms 42-4E and 42-6E reflect the Actual/Estimated O&M and capital cost variances as compared to original projections for the period.
- Forms 42-5E and 42-7E reflect jurisdictional recoverable O&M and capital project costs for the period.
- Form 42-8E (pages 14 through 67) reflects return on capital investments and depreciation by project. Pages 68 through 70 provide the beginning of period and end of period depreciable base by production plant name, unit or plant account and applicable depreciation rate or amortization period for each capital investment project.
- Form 42-9E provides the capital structure, components and cost rates relied upon to calculate the rate of return applied to capital investment amounts included for recovery for the period January 2020 through December 2020.

Q. Please explain the calculation of the Environmental Cost Recovery Clause ("ECRC") Actual/Estimated True-Up amount FPL is requesting this Commission to approve.

A. The Actual/Estimated True-Up amount for the period January 2020 through

December 2020 is an over-recovery, including interest, of $4,763,785 (Appendix I, page 1, line 4). The Actual/Estimated True-Up amount is calculated on Form 42-2E by comparing actual data for January 2020 through May 2020 and revised estimates for June 2020 through December 2020 to original projections for the same period. The over-recovery of $4,556,972 shown on line 5 plus the interest provision of $206,813 shown on line 6, which is calculated on Form 42-3E, results in the final over-recovery of $4,763,785 shown on line 11.

Q. Are all costs listed in Forms 42-4E through 42-8E attributable to environmental compliance projects approved by the Commission?

A. Yes.

Q. How do the actual/estimated project costs for January 2020 through December 2020 compare with original projections for the same period?

A. Form 42-4E (Appendix I, page 4) shows that total O&M project costs are $2,126,831 lower than projected, and Form 42-6E (Appendix I, page 9) shows that total capital project revenue requirements are $1,926,885 lower than projected. Individual project variances are provided on Forms 42-4E and 42-6E. Revenue requirements for each capital project for the 2020 actual/estimated period are provided on Form 42-8E (Appendix I, pages 14 through 67).

Q. Please explain the reasons for any significant variance in costs associated with O&M and capital investments.

A. The significant variances in FPL's 2020 recoverable O&M expenses and capital revenue requirements from projection amounts are associated with the following

projects:

O&M Variance Explanations

Project 1. Air Operating Permit Fees

Project expenditures are $57,998 or 26.9% lower than previously projected. The variance is primarily due to lower than originally projected gas and oil fuel usage, which resulted in decreased permit fees for 2019. The annual Title V fee projection calculation is based on fuel consumption projections and the Department of Environmental Protection's ("DEP") fee for pollutant tons emitted. Because 2019 fees are calculated and paid in the first quarter of 2020, this difference financially impacts 2020's true-up as an under-run. FPL pays permit fees based on the actual tons of pollutants emitted.

Project 3a. Continuous Emission Monitoring Systems ("CEMS")

Project expenditures are $40,832 or 11.9% higher than previously projected. The variance is primarily a result of two unplanned maintenance tasks at Plant Fort Myers ("PFM"): (1) additional maintenance required on aging CEMS equipment at PFM, and (2) pre-buying calibration gases in anticipation of COVID-19 related delays in securing the gases.

Project 5a. Maintenance of Stationary Above Ground Fuel Storage Tanks

Project expenditures are $85,005 or 14.3% lower than previously projected. The variance is primarily due to the fact that the Port Everglades Touch Up Re-coating Project that was originally planned for 2020, was completed in 2018 but was not removed from the 2020 projections.

Project 8a. Oil Spill Clean-up/Response Equipment

Project expenditures are $187,496 or 108.2% higher than previously projected. The variance is a result of increased oil spill response contractor costs in the form of a retainer associated with staging sufficient contractor-owned spill response equipment to meet FPL's worst case discharge requirements under Oil Pollution Act of 1990 regulations.

Project 19a. Substation Pollutant Discharge Prevention & Removal – Distribution

Project expenditures are $866,547 or 32.2% higher than previously projected. The variance is primarily due to FPL obtaining more equipment clearances (i.e., de-energize installed equipment) than expected, which are required for equipment repair. This resulted in a higher than projected number of transformers being repaired during the first half of 2020.

Project 19b. Substation Pollutant Discharge Prevention & Removal – Transmission

Project expenditures are $277,405 or 27.5% higher than previously projected. The variance is primarily due to FPL obtaining more equipment clearances than expected, which are required for equipment repair. This resulted in a higher than projected number of transformers being repaired during the first half of 2020.

Project 21. St. Lucie Turtle Nets

Project expenditures are $69,118 or 18.8% lower than previously projected. The variance is primarily due to less significant and fewer than anticipated aquatic organism intrusion events, which resulted in lower turtle net cleaning costs.

Project 24. Manatee Plant Reburn

Project expenditures are $89,845 or 79.1% lower than previously projected. The variance is primarily due to a shift in the outage schedule causing the majority of the reburn work planned on Unit 1 in March to be postponed until 2021.

Project 27. Lowest Quality Water Source

Project expenditures are $48,325 or 31.0% lower than previously projected. The variance is primarily due to the purchase of a new reverse osmosis system resulting in reductions to O&M.

Project 28. CWA 316(b) Phase II Rule

Project expenditures are $113,051 or 11.8% higher than previously projected.

The variance is primarily due to contractor work associated with required studies for Fort Myers, Cape Canaveral, and St. Lucie plants being moved from 2019 into 2020 in order to prioritize the completion of studies associated with other facilities that had earlier permit application deadlines.

Project 29. Selective Catalytic Reduction (SCR) Consumables

Project expenditures are $105,721 or 19.9% higher than previously projected. The variance is primarily due to deferring ammonia system work at Manatee Unit 3 from 2019 to 2020.

Project 31. Clean Air Interstate Rule (CAIR) Compliance

Project expenditures are $1,808,686 or 32.1% lower than previously projected. The variance is primarily due to lower than projected unit dispatch of Scherer Unit 4, which resulted in lower consumption of ammonia and limestone in the treatment process.

Project 33. Mercury and Air Toxics Standards (MATS) Project

Project expenditures are $759,795 or 28.7% lower than previously projected. The variance is primarily due to lower than projected unit dispatch of Scherer Unit 4, which resulted in lower consumption of powdered activated carbon in the treatment process.

Project 35. Martin Plant Drinking Water System Compliance

Project expenditures are $10,492 more than the projection of $0. While Martin Units 1 and 2 were shut down in 2018, the drinking water system associated with Units 1 and 2 remained in operation to supply drinking water to the entire Martin plant site. In its ECRC Projections filing, FPL projected costs for shutdown of the existing system and conversion to local potable water supply would be completed in 2019. As a result of unanticipated delays in engineering and permitting, the project was not completed until May 8, 2020, resulting in an unplanned impact to 2020 expenditures. The drinking water plant has been shut down and drinking water for the site is now supplied by the Village of Indiantown.

Project 37. DeSoto Next Generation Solar Energy Center

Project expenditures are $169,545 or 20.2% lower than previously projected. The variance is primarily due to less full-time employee support to the Desoto site. Additionally, the forecast included costs for previously completed maintenance on a container breaker. Lastly, field work that was charged to the Desoto site in 2019 should have been charged to the Citrus site. This error was found in a 2019 variance review and was corrected in May 2020.

Project 41. Manatee Temporary Heating System

Project expenditures are $43,830 or 22.4% lower than previously projected. The

variance is primarily due to lower than projected costs related to required monitoring at the Dania Beach Energy Center.

Project 45. 800 MW Unit Electrostatic Precipitators (ESP)

Project expenditures are $105,720 or 40.6% lower than previously projected. The variance is primarily due to a shift in the outage schedule causing the majority of the work planned on Manatee Unit 1 in March to be postponed until 2021.

Project 50. Steam Electric Effluent Guidelines Revised Rules

Project expenditures are $4,608 more than the projection of $0. The variance is primarily due to study related costs, which were originally anticipated to be capitalized. Delays associated with the issuance of a final, revised Steam Electric Effluent Limitations Guidelines Rule delayed capitalization.

Project 54. Coal Combustion Residuals (CCR)

Project expenditures are $0 compared to $1,600,768 previously projected. The variance is due to costs associated with the replacement of a wet bottom ash system with a dry bottom ash system that should not have been included in the 2020 Projections filing.

Capital Variance Explanations

Project 8a. Oil Spill Clean-up / Response Equipment

Project costs are $140,703 or 42% lower than previously projected. This variance is primarily a result of the cancellation of the oil boom project due to the planned retirement of Manatee Units 1 and 2.

Project 28. CWA 316(b) Phase II Rule

Project expenditures are $217,305 or 74% lower than previously projected. This is primarily a result of the cancellation of the Cape Canaveral Horseshoe Crab Return System Project. Based on the success of the horseshoe crab barrier installed in 2017, the Florida Department of Environmental Protection and the Florida Fish and Wildlife Conservation Commission agreed that the construction of a horseshoe crab return system is no longer required.

Project 34. St Lucie Cooling Water System Inspection & Maintenance

Project expenditures are $100,190 or 22% lower than previously projected. The variance is due to the original projection assuming a January 2020 in-service date for $4.5 million. The current projection assumes an in-service date in 2021.

Q. Does this conclude your testimony?

A. Yes.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-1E

JANUARY 2020 THROUGH DECEMBER 2020

	2020
1. Over/(Under) Recovery for the Current Period (Form 42-2E, Line 5)	$4,556,972
2. Interest Provision (Form 42-2E, Line 6)	$206,813
3. Sum of Current Period Adjustments (Form 42-2E, Line 11)	$0
4. Actual/Estimated True-up to be refunded/(recovered)	$4,763,785

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-2E

JANUARY 2020 THROUGH DECEMBER 2020

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. ECRC Revenues (net of Revenue Taxes)	$11,896,518	$10,915,932	$11,468,761	$13,476,593	$13,484,729	$14,902,988	$15,950,075	$15,957,383	$15,548,231	$14,537,700	$12,464,511	$11,932,704	$162,536,127
2. True-up Provision [b]	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$2,442,450	$29,309,402
3. ECRC Revenues Applicable to Period (Lines 1 + 2)	$14,338,969	$13,358,383	$13,911,211	$15,919,043	$15,927,179	$17,345,438	$18,392,525	$18,399,834	$17,990,681	$16,980,151	$14,906,961	$14,375,155	$191,845,529
4. Jurisdictional ECRC Costs													
a. O&M Activities (Form 42-5E-2, Line 9)	$2,659,886	$3,252,499	$2,187,838	$2,533,824	$2,586,271	$2,342,763	$2,545,978	$2,436,751	$2,448,715	$2,928,823	$2,815,881	$10,706,032	$39,445,262
b. Capital Investment Projects (Form 42-7E-2, Line 8)	$12,370,558	$12,356,337	$12,349,948	$12,342,143	$12,341,323	$12,373,866	$12,310,497	$12,298,233	$12,288,999	$12,277,648	$12,259,508	$12,274,236	$147,843,295
c. Total Jurisdictional ECRC Costs	$15,030,444	$15,608,836	$14,537,786	$14,875,967	$14,927,593	$14,716,630	$14,856,475	$14,734,984	$14,737,714	$15,206,471	$15,075,388	$22,980,268	$187,288,557
5. Over/(Under) Recovery (Line 3 - Line 4c)	($691,475)	($2,250,453)	($626,575)	$1,043,076	$999,586	$2,628,809	$3,536,050	$3,664,849	$3,252,967	$1,773,679	($168,427)	($8,605,113)	$4,556,972
6. Interest Provision (Form 42-3E, Line 10)	$56,297	$50,632	$53,635	$30,233	$1,783	$1,996	$2,039	$2,117	$2,185	$2,189	$2,080	$1,625	$206,813
7. Prior Periods True-Up to be (Collected)/Refunded	$29,309,402	$26,232,352	$21,590,657	$18,575,843	$17,207,276	$15,766,195	$15,954,550	$17,050,189	$18,274,705	$19,087,406	$18,420,825	$15,812,028	$29,309,402
a. Deferred True-Up (Form 42-1A, Line 7) [c]	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	$14,087,943	
8. True-Up Collected /(Refunded) (See Line 2)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($2,442,450)	($29,309,402)
9. End of Period True-Up (Lines 5+6+7+7a+8)	$40,319,717	$35,678,024	$32,663,210	$31,294,645	$29,854,138	$30,042,493	$31,138,132	$32,362,648	$33,175,350	$32,508,767	$29,899,971	$18,854,033	$4,763,785
10. Adjustments to Period Total True-Up Including Interest	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
11. End of Period Total Net True-Up (Lines 9+10)	$40,319,717	$35,678,024	$32,663,210	$31,294,645	$29,854,138	$30,042,493	$31,138,132	$32,362,648	$33,175,350	$32,508,767	$29,899,971	$18,854,033	$4,763,785

[b] As approved in Order No. PSC-2019-0500-FOF-EI issued November 22, 2019.

[c] From FPL's 2020 Final True-up filed on April 1, 2020.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-3E

JANUARY 2020 THROUGH DECEMBER 2020

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Total
1. Beginning True-Up Amount (Form 42-2E, Lines 7 + 7a + 10)	$43,397,345	$40,320,295	$35,678,600	$32,663,786	$31,295,219	$29,854,138	$30,042,493	$31,138,133	$32,362,648	$33,175,350	$32,508,768	$29,899,971	
2. Ending True-Up Amount before Interest (Line 1 + Form 42-2E, Lines 5 + 8)	$40,263,420	$35,627,392	$32,609,575	$31,264,412	$29,852,355	$30,040,497	$31,136,093	$32,360,532	$33,173,165	$32,506,579	$29,897,891	$18,852,407	
3. Total of Beginning & Ending True-Up (Lines 1 + 2)	$83,660,765	$75,947,687	$68,288,176	$63,928,198	$61,147,574	$59,894,635	$61,178,587	$63,498,664	$65,535,813	$65,681,928	$62,406,659	$48,752,378	
4. Average True-Up Amount (Line 3 x 1/2)	$41,830,382	$37,973,843	$34,144,088	$31,964,099	$30,573,787	$29,947,318	$30,589,293	$31,749,332	$32,767,907	$32,840,964	$31,203,329	$24,376,189	
5. Interest Rate (First Day of Reporting Month)[1]	1.59000%	1.64000%	1.56000%	2.21000%	0.06000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	
6. Interest Rate (First Day of Subsequent Month)[1]	1.64000%	1.56000%	2.21000%	0.06000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	
7. Total of Beginning & Ending Interest Rates (Lines 5 + 6)	3.23000%	3.20000%	3.77000%	2.27000%	0.14000%	0.16000%	0.16000%	0.16000%	0.16000%	0.16000%	0.16000%	0.16000%	
8. Average Interest Rate (Line 7 x 1/2)	1.61500%	1.60000%	1.88500%	1.13500%	0.07000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	0.08000%	
9. Monthly Average Interest Rate (Line 8 x 1/12)	0.13458%	0.13333%	0.15708%	0.09458%	0.00583%	0.00667%	0.00667%	0.00667%	0.00667%	0.00667%	0.00667%	0.00667%	
10. Interest Provision for the Month (Line 4 x Line 9)	$56,297	$50,632	$53,635	$30,233	$1,783	$1,996	$2,039	$2,117	$2,185	$2,189	$2,080	$1,625	$206,813

[1] Actual interest rates are developed using the AA financial 30-day rates as published by the Federal Reserve. Estimated interest rates are based on the actual rates for June 2020.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-4E-1

JANUARY 2020 THROUGH DECEMBER 2020

VARIANCE REPORT OF O&M ACTIVITIES

(1)	(2)	(3)	(4)	(5)
PROJECT #	ECRC - 2020 Actual Estimated Filing [b]	ECRC - 2020 Projection Filing [c]	Dif ECRC - 2020 Projection Filing [d]	% Dif ECRC - Projection Filing [e]
1 - Air Operating Permit Fees	$157,384	$215,382	($57,998)	(26.9%)
3a - Continuous Emission Monitoring Systems	$384,047	$343,215	$40,832	11.9%
5a - Maintenance of Stationary Above Ground Fuel Storage T	$511,197	$596,202	($85,005)	(14.3%)
8a - Oil Spill Clean-up/Response Equipment	$360,809	$173,313	$187,496	108.2%
14 - NPDES Permit Fees	$69,200	$57,700	$11,500	19.9%
19a - Substation Pollutant Discharge Prevention & Removal -	$3,556,993	$2,690,446	$866,547	32.2%
19b - Substation Pollutant Discharge Prevention & Removal -	$1,285,675	$1,008,270	$277,405	27.5%
21 - St. Lucie Turtle Nets	$299,282	$368,400	($69,118)	(18.8%)
NA-Amortization of Gains on Sales of Emissions Allowances	($73)	($88)	$15	(16.7%)
22 - Pipeline Integrity Management	$327,500	$327,500	$0	0.0%
23 - SPCC - Spill Prevention, Control & Countermeasures	$785,841	$794,938	($9,097)	(1.1%)
24 - Manatee Reburn	$23,672	$113,517	($89,845)	(79.1%)
27 - Lowest Quality Water Source	$107,675	$156,000	($48,325)	(31.0%)
28 - CWA 316(b) Phase II Rule	$1,068,913	$955,862	$113,051	11.8%
29 - SCR Consumables	$637,223	$531,502	$105,721	19.9%
31 - Clean Air Interstate Rule (CAIR) Compliance	$3,833,259	$5,641,945	($1,808,686)	(32.1%)
33 - MATS Project	$1,888,540	$2,648,335	($759,795)	(28.7%)
35 - Martin Plant Drinking Water System Compliance	$10,492	$0	$10,492	N/A
37 - DeSoto Next Generation Solar Energy Center	$670,971	$840,515	($169,545)	(20.2%)
38 - Space Coast Next Generation Solar Energy Center	$268,593	$276,067	($7,474)	(2.7%)
39 - Martin Next Generation Solar Energy Center	$4,747,474	$4,745,852	$1,622	0.0%
41 - Manatee Temporary Heating System	$152,070	$195,900	($43,830)	(22.4%)
42 - Turkey Point Cooling Canal Monitoring Plan	$19,694,511	$18,635,320	$1,059,191	5.7%
45 - 800 MW Unit ESP	$154,969	$260,689	($105,720)	(40.6%)
47 - NPDES Permit Renewal Requirements	$93,797	$81,154	$12,643	15.6%
48 - Industrial Boiler MACT	$32,668	$32,500	$168	0.5%
50 - Steam Electric Effluent Guidelines Revised Rules	$4,608	$0	$4,608	N/A
51 - Gopher Tortoise Relocations	$28,732	$25,649	$3,083	12.0%
54 - Coal Combustion Residuals	$0	$1,600,768	($1,600,768)	(100.0%)
123-PROTECTED SPECIES PROJECT	$34,000	$0	$34,000	N/A
Total	$41,190,022	$43,316,853	($2,126,831)	(4.9%)

[b] The 12-Month Totals on Form 42-5E

[c] As approved in Order No. PSC-2019-0500-FOF-EI issued November 22, 2019.

[d] Column (2) - Column (3)

[e] Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-4E-2

JANUARY 2020 THROUGH DECEMBER 2020

(2)	(3)	(4)	(5)	(6)
	ECRC - 2020 Actual Estimated Filing [b]	ECRC - 2020 Projection Filing [c]	Dif. ECRC - 2020 Projection Filing [d]	% Dif. ECRC - 2020 Projection Filing [e]
2. Total of O&M Activities	$41,190,022	$43,316,853	($2,126,831)	(4.9%)
3. Recoverable Costs Allocated to Energy	$27,286,411	$28,759,030	($1,472,619)	(5.1%)
4a. Recoverable Costs Allocated to CP Demand	$10,346,618	$11,867,377	($1,520,759)	(12.8%)
4b. Recoverable Costs Allocated to GCP Demand	$3,556,993	$2,690,446	$866,547	32.2%
5. Jurisdictional Energy Recoverable Costs	$26,137,392	$27,552,189	($1,414,797)	(5.1%)
6a. Jurisdictional CP Demand Recoverable Costs	$9,750,876	$11,221,484	($1,470,608)	(13.1%)
6b. Jurisdictional GCP Demand Recoverable Costs	$3,556,993	$2,690,446	$866,547	32.2%
7. Total Jurisdictional Recoverable Costs for O&M Activities	$39,445,262	$41,464,119	($2,018,857)	4.9%)

[b] The 12-Month Totals on Form 42-5E

[c] As approved in Order No. PSC-2019-0500-FOF-EI issued November 22, 2019.

[d] Column (2) - Column (3)

[e] Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

JANUARY 2020 THROUGH DECEMBER 2020

O&M ACTIVITIES

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
O&M Project	Strata	Jan - 2020	Feb - 2020	Mar - 2020	Apr - 2020	May - 2020	Jun - 2020	Jul - 2020	Aug - 2020	Sep - 2020	Oct - 2020	Nov - 2020	Dec - 2020	2020
1 - Air Operating Permit Fees	Base	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$11,135	$133,620
1 - Air Operating Permit Fees	Intermediate	$1,800	$1,800	$2,158	$4,645	$4,645	$4,731	$4,731	$4,731	$4,731	$4,731	$4,731	$4,731	$48,166
1 - Air Operating Permit Fees	Peaking	$263	$263	($28,063)	$263	$263	$372	$372	$372	$372	$372	$372	$372	($24,402)
3a - Continuous Emission Monitoring Systems	Intermediate	$78,268	$10,799	$16,018	$34,346	$23,563	$26,198	$13,431	$25,574	$13,431	$20,098	$18,907	$33,988	$314,621
3a - Continuous Emission Monitoring Systems	Peaking	$34,861	$1,197	($263)	$325	$191	$2,852	$2,837	$2,867	$2,852	$2,837	$2,852	$16,019	$69,427
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	$0	$0	$5,846	$0	$0	$0	$0	$0	$0	$0	$0	$0	$5,846
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	$1,185	$3,027	$7,152	$187	$2,685	$11,700	$0	$1	$1	$41,494	$39,367	$0	$106,799
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	$1,914	$3,846	$0	$1,403	$5,043	$1	$112,330	$0	$0	$128,507	$145,508	$0	$398,552
8a - Oil Spill Clean-up/Response Equipment	Base	$0	$0	$0	$55	($55)	$0	$0	$0	$0	$0	$0	$16	$15
8a - Oil Spill Clean-up/Response Equipment	Intermediate	($2,610)	$862	$1,597	$784	$238	$2,207	$2,207	$2,207	$3,069	$11,007	$14,857	$3,303	$39,730
8a - Oil Spill Clean-up/Response Equipment	Peaking	($21,118)	$6,974	$12,920	$6,632	$1,637	$17,793	$17,793	$17,793	$24,767	$88,993	$120,143	$26,740	$321,064
14 - NPDES Permit Fees	Base	$11,500	$2,585	$0	$0	($2,585)	$0	$0	$0	$0	$0	$0	$0	$11,500
14 - NPDES Permit Fees	Intermediate	$28,260	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$28,260
14 - NPDES Permit Fees	Peaking	$29,440	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$29,440
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	$260,603	$484,062	$496,230	$674,771	$350,779	$198,137	$198,137	$198,137	$198,137	$166,000	$166,000	$166,000	$3,556,993
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	$13,313	$72,809	$77,617	$221,174	$397,476	$60,445	$60,445	$70,445	$70,445	$80,502	$80,502	$80,502	$1,285,675
21 - St. Lucie Turtle Nets	Base	($12,785)	$15,475	$6,510	$48,406	$26,775	$30,700	$30,700	$30,700	$30,700	$30,700	$30,700	$30,700	$299,282
NA-Amortization of Gains on Sales of Emissions Allowances	Base	($1)	($1)	($1)	$0	$0	($7)	($7)	($7)	($7)	($7)	($7)	($7)	($54)
NA-Amortization of Gains on Sales of Emissions Allowances	Intermediate	($4)	($4)	($4)	$0	$0	$0	$0	$0	$0	$0	$0	$0	($12)
NA-Amortization of Gains on Sales of Emissions Allowances	Peaking	($2)	($2)	($2)	$0	$0	$0	$0	$0	$0	$0	$0	$0	($6)
22 - Pipeline Integrity Management	Intermediate	$0	$12	$0	$0	$0	$0	$0	$0	$0	$130,716	$5,161	$0	$135,890
22 - Pipeline Integrity Management	Peaking	$0	$18	$0	$0	$0	$0	$0	$0	$0	$184,315	$7,278	$0	$191,610
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	$51,630	$61,863	$68,510	$73,741	$41,884	$47,167	$47,167	$47,167	$47,167	$47,167	$47,167	$47,167	$627,795
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	$0	$1,408	$4,192	$1,965	($5,156)	$768	$2,268	$2,268	$1,068	$1,068	$768	$1,391	$12,010
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	$0	$680	$24	$0	$164	$532	$532	$532	$532	$532	$532	$2,909	$6,966
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	$9,165	$27,525	$8,049	$11,735	$9,896	$10,300	$10,300	$10,300	$10,300	$10,300	$10,300	$10,900	$139,071
24 - Manatee Reburn	Peaking	$3,165	$15,302	$96	$4,887	$222	$0	$0	$0	$0	$0	$0	$0	$23,672
27 - Lowest Quality Water Source	Intermediate	$11,398	$8,826	$9,007	$8,042	$7,957	$8,526	$8,900	$9,000	$8,900	$9,000	$9,043	$9,076	$107,675
28 - CWA 316(b) Phase II Rule	Base	$6,484	$5,648	$6,547	$19,138	$4,956	$1,269	$15,878	$15,844	$34,976	$47,766	$43,483	$43,575	$245,562
28 - CWA 316(b) Phase II Rule	Intermediate	$66,524	$62,577	$94,433	$57,257	$91,533	$103,214	$88,870	$68,847	$59,282	$58,831	$20,852	$6,289	$778,508
28 - CWA 316(b) Phase II Rule	Peaking	$376	($6,073)	$692	$721	$5,868	$7,565	$7,821	$5,370	$5,626	$5,626	$5,370	$5,881	$44,842
29 - SCR Consumables	Intermediate	$153,282	$5,143	$15,013	$15,180	$20,556	$23,326	$87,736	$93,053	$64,671	$64,671	$64,671	$29,922	$637,223
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	$276,381	$295,376	$317,954	$439,096	$427,619	$391,699	$232,573	$280,773	$260,248	$256,667	$256,660	$261,077	$3,696,122
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	$9,444	$9,577	$14,040	$16,046	$10,050	$11,000	$11,000	$11,000	$11,000	$11,000	$11,000	$11,980	$137,137
33 - MATS Project	Base	$278,093	$36,242	$61,096	$56,985	$119,863	$2,153	$381,458	$186,958	$189,486	$189,628	$189,605	$196,974	$1,888,540
35 - Martin Plant Drinking Water System Compliance	Peaking	$0	$2,673	$2,607	$2,713	$0	$2,500	$0	$0	$0	$0	$0	$0	$10,492
37 - DeSoto Next Generation Solar Energy Center	Solar	$42,764	$39,408	$29,698	$48,240	($5,725)	$108,206	$72,082	$60,531	$61,628	$76,156	$60,673	$77,309	$670,971
38 - Space Coast Next Generation Solar Energy Center	Solar	$17,828	$21,617	$16,657	$37,522	$9,725	$31,276	$33,770	$33,297	$19,668	$12,276	$15,289	$19,670	$268,593
39 - Martin Next Generation Solar Energy Center	Intermediate	$432,285	$1,166,061	$76,194	$328,349	$306,532	$337,293	$283,009	$271,578	$307,293	$278,065	$659,256	$301,560	$4,747,474
41 - Manatee Temporary Heating System	Intermediate	$20,365	($6,821)	$7,301	($174)	$45,264	$5,000	$20,135	$5,000	$5,000	$15,000	$16,000	$20,000	$152,070
42 - Turkey Point Cooling Canal Monitoring Plan	Base	$925,279	$1,002,025	$906,034	$502,844	$772,915	$972,569	$841,610	$1,055,009	$1,078,998	$1,024,867	$876,482	$9,724,531	$19,683,162
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	$0	$2,935	$0	$3,473	$4,941	$0	$0	$0	$0	$0	$0	$0	$11,349
45 - 800 MW Unit ESP	Peaking	$360	$32,144	$0	$107	$50	$16,622	$16,622	$16,622	$16,622	$16,622	$16,622	$22,576	$154,969
47 - NPDES Permit Renewal Requirements	Base	$35,262	($2,778)	$12,587	($997)	$13,499	$0	$0	$0	$0	$2,585	$0	$0	$60,159
47 - NPDES Permit Renewal Requirements	Intermediate	$0	$0	$7,450	$2,513	$8,512	$0	$0	$0	$7,450	$5,200	$0	$2,513	$33,638
48 - Industrial Boiler MACT	Base	$0	$45	$0	$0	$27	$0	$0	$0	$0	$5,155	$0	$0	$5,227
48 - Industrial Boiler MACT	Peaking	$0	$235	$0	$0	$141	$0	$0	$0	$0	$27,065	$0	$0	$27,441
50 - Steam Electric Effluent Guidelines Revised Rules	Base	$229	$1,695	$238	$19	$2,033	$0	$0	$0	$0	$0	$0	$0	$4,215
50 - Steam Electric Effluent Guidelines Revised Rules	Peaking	$393	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$393
51 - Gopher Tortoise Relocations	Intermediate	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$2,000	$2,000
51 - Gopher Tortoise Relocations	Peaking	$0	$0	$0	$0	$0	$0	$10,732	$8,000	$8,000	$0	$0	$0	$26,732
123-Protected Species Project	Intermediate	$0	$0	$0	$0	$0	$0	$34,000	$0	$0	$0	$0	$0	$34,000
	Total	$2,776,728	$3,398,190	$2,267,268	$2,633,528	$2,715,114	$2,447,249	$2,660,571	$2,545,102	$2,557,546	$3,066,647	$2,951,278	$11,170,800	$41,190,022

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

JANUARY 2020 THROUGH DECEMBER 2020

O&M ACTIVITIES

O&M Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification		
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	Energy	CP Demand	GCP Demand
1 - Air Operating Permit Fees	Base	$133,620	95.8799%	$128,115	$128,115	$0	$0
1 - Air Operating Permit Fees	Intermediate	$48,166	94.2430%	$45,393	$45,393	$0	$0
1 - Air Operating Permit Fees	Peaking	($24,402)	95.1325%	($23,214)	($23,214)	$0	$0
3a - Continuous Emission Monitoring Systems	Intermediate	$314,621	94.2430%	$296,508	$296,508	$0	$0
3a - Continuous Emission Monitoring Systems	Peaking	$69,427	95.1325%	$66,047	$66,047	$0	$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	$5,846	95.7922%	$5,600	$0	$5,600	$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	$106,799	94.1569%	$100,558	$0	$100,558	$0
5a - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	$398,552	95.0455%	$378,806	$0	$378,806	$0
8a - Oil Spill Clean-up/Response Equipment	Base	$15	95.8799%	$15	$15	$0	$0
8a - Oil Spill Clean-up/Response Equipment	Intermediate	$39,730	94.2430%	$37,442	$37,442	$0	$0
8a - Oil Spill Clean-up/Response Equipment	Peaking	$321,064	95.1325%	$305,437	$305,437	$0	$0
14 - NPDES Permit Fees	Base	$11,500	95.7922%	$11,016	$0	$11,016	$0
14 - NPDES Permit Fees	Intermediate	$28,260	94.1569%	$26,609	$0	$26,609	$0
14 - NPDES Permit Fees	Peaking	$29,440	95.0455%	$27,981	$0	$27,981	$0
19a - Substation Pollutant Discharge Prevention & Removal - Distribution	Distribution	$3,556,993	100.0000%	$3,556,993	$0	$0	$3,556,993
19b - Substation Pollutant Discharge Prevention & Removal - Transmission	Transmission	$1,285,675	89.9387%	$1,156,319	$0	$1,156,319	$0
21 - St. Lucie Turtle Nets	Base	$299,282	95.7922%	$286,689	$0	$286,689	$0
NA-Amortization of Gains on Sales of Emissions Allowances	Base	($54)	95.8799%	($52)	($52)	$0	$0
NA-Amortization of Gains on Sales of Emissions Allowances	Intermediate	($12)	94.2430%	($12)	($12)	$0	$0
NA-Amortization of Gains on Sales of Emissions Allowances	Peaking	($6)	95.1325%	($6)	($6)	$0	$0
22 - Pipeline Integrity Management	Intermediate	$135,890	94.1569%	$127,950	$0	$127,950	$0
22 - Pipeline Integrity Management	Peaking	$191,610	95.0455%	$182,116	$0	$182,116	$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	$12,010	94.1569%	$11,308	$0	$11,308	$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	$6,966	95.0455%	$6,621	$0	$6,621	$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	$627,795	100.0000%	$627,795	$0	$627,795	$0
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	$139,071	89.9387%	$125,078	$0	$125,078	$0
24 - Manatee Reburn	Peaking	$23,672	95.1325%	$22,519	$22,519	$0	$0
27 - Lowest Quality Water Source	Intermediate	$107,675	94.1569%	$101,383	$0	$101,383	$0
28 - CWA 316(b) Phase II Rule	Base	$245,562	95.7922%	$235,230	$0	$235,230	$0
28 - CWA 316(b) Phase II Rule	Intermediate	$778,508	94.1569%	$733,019	$0	$733,019	$0
28 - CWA 316(b) Phase II Rule	Peaking	$44,842	95.0455%	$42,621	$0	$42,621	$0
29 - SCR Consumables	Intermediate	$637,223	94.2430%	$600,538	$600,538	$0	$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	$3,696,122	95.8799%	$3,543,838	$3,543,838	$0	$0
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	$137,137	95.1325%	$130,462	$130,462	$0	$0
33 - MATS Project	Base	$1,888,540	95.8799%	$1,810,731	$1,810,731	$0	$0
35 - Martin Plant Drinking Water System Compliance	Peaking	$10,492	95.0455%	$9,972	$0	$9,972	$0
37 - DeSoto Next Generation Solar Energy Center	Solar	$670,971	95.7922%	$642,738	$0	$642,738	$0
38 - Space Coast Next Generation Solar Energy Center	Solar	$268,593	95.7922%	$257,292	$0	$257,292	$0
39 - Martin Next Generation Solar Energy Center	Intermediate	$4,747,474	94.1569%	$4,470,072	$0	$4,470,072	$0
41 - Manatee Temporary Heating System	Intermediate	$152,070	94.2430%	$143,315	$143,315	$0	$0
42 - Turkey Point Cooling Canal Monitoring Plan	Base	$19,683,162	95.8799%	$18,872,195	$18,872,195	$0	$0
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	$11,349	94.2430%	$10,695	$10,695	$0	$0
45 - 800 MW Unit ESP	Peaking	$154,969	95.1325%	$147,426	$147,426	$0	$0
47 - NPDES Permit Renewal Requirements	Base	$60,159	95.7922%	$57,628	$0	$57,628	$0
47 - NPDES Permit Renewal Requirements	Intermediate	$33,638	94.1569%	$31,672	$0	$31,672	$0
47 - NPDES Permit Renewal Requirements	Peaking	$0	95.0455%	$0	$0	$0	$0
48 - Industrial Boiler MACT	Base	$5,227	95.7922%	$5,007	$0	$5,007	$0
48 - Industrial Boiler MACT	Peaking	$27,441	95.0455%	$26,082	$0	$26,082	$0
50 - Steam Electric Effluent Guidelines Revised Rules	Base	$4,215	95.7922%	$4,037	$0	$4,037	$0
50 - Steam Electric Effluent Guidelines Revised Rules	Peaking	$393	95.0455%	$374	$0	$374	$0
51 - Gopher Tortoise Relocations	Intermediate	$2,000	94.1569%	$1,883	$0	$1,883	$0
51 - Gopher Tortoise Relocations	Peaking	$26,732	95.0455%	$25,407	$0	$25,407	$0
123-Protected Species Project	Intermediate	$34,000	94.1569%	$32,013	$0	$32,013	$0
	Total	$41,190,022		$39,445,262	$26,137,392	$9,750,876	$3,556,993

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-5E-2

JANUARY 2020 THROUGH DECEMBER 2020

O&M ACTIVITIES

	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	2020
2. Total of O&M Activities	$2,776,728	$3,398,190	$2,267,268	$2,633,528	$2,715,114	$2,447,249	$2,660,571	$2,545,102	$2,557,546	$3,066,647	$2,951,278	$11,170,800	$41,190,022
3. Recoverable Costs Allocated to Energy - Base	$1,490,886	$1,344,777	$1,296,218	$1,010,115	$1,331,477	$1,377,549	$1,466,768	$1,533,867	$1,539,859	$1,482,289	$1,333,874	$10,193,726	$25,401,406
Recoverable Costs Allocated to Energy - Intermediate	$251,101	$14,714	$42,082	$58,254	$99,207	$61,462	$128,240	$130,565	$90,902	$115,507	$119,166	$91,945	$1,203,145
Recoverable Costs Allocated to Energy - Peaking	$26,973	$65,455	($1,273)	$28,260	$12,413	$48,639	$48,625	$48,654	$55,613	$119,825	$150,989	$77,687	$681,861
Recoverable Costs Allocated to Energy - Solar	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	$22,477	$100,335	$85,667	$232,909	$407,372	$70,745	$70,745	$80,745	$80,745	$90,802	$90,802	$91,402	$1,424,745
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	$40,690	$22,671	$31,728	$66,567	$44,705	$31,969	$46,578	$46,544	$65,676	$86,206	$74,183	$74,275	$631,791
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Interm.	$539,653	$1,241,911	$198,427	$398,313	$412,061	$461,502	$417,047	$351,694	$383,995	$524,375	$734,447	$322,829	$5,986,254
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	$32,123	$1,378	$3,323	$4,837	$11,216	$10,598	$131,414	$13,902	$14,157	$346,043	$158,688	$8,791	$736,468
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	$60,592	$61,024	$46,355	$85,762	$4,000	$139,482	$105,851	$93,828	$81,296	$88,432	$75,962	$96,979	$939,564
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	$51,630	$61,863	$68,510	$73,741	$41,884	$47,167	$47,167	$47,167	$47,167	$47,167	$47,167	$47,167	$627,795
5. Recoverable Costs Jurisdictionalized on GCP Demand - Distribution	$260,603	$484,062	$496,230	$674,771	$350,779	$198,137	$198,137	$198,137	$198,137	$166,000	$166,000	$166,000	$3,556,993
6. Retail Production Energy Jurisdictional Factor - Base	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	
Retail Production Energy Jurisdictional Factor - Intermediate	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	
Retail Production Energy Jurisdictional Factor - Peaking	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	
Retail Production Energy Jurisdictional Factor - Solar	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	
7. Retail Distribution Demand Jurisdictional Factor	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	
Retail Transmission Demand Jurisdictional Factor	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	
Retail Production Demand Jurisdictional Factor - Base	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	
Retail Production Demand Jurisdictional Factor - Intermediate	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	
Retail Production Demand Jurisdictional Factor - Peaking	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	
Retail Production Demand Jurisdictional Factor - Solar	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	
8. Jurisdictional Recoverable Costs- Transmission	$20,216	$90,240	$77,048	$209,475	$366,385	$63,627	$63,627	$72,621	$72,621	$81,666	$81,666	$82,206	$1,281,397
Jurisdictional Recoverable Costs - Production - Base	$1,468,438	$1,311,088	$1,273,205	$1,032,263	$1,319,443	$1,351,416	$1,450,953	$1,515,256	$1,539,327	$1,503,796	$1,349,979	$9,844,883	$24,960,048
Jurisdictional Recoverable Costs - Production - Intermediate	$744,765	$1,183,211	$226,493	$429,939	$481,479	$492,459	$513,536	$454,193	$447,226	$602,592	$803,838	$390,617	$6,770,348
Jurisdictional Recoverable Costs - Production - Peaking	$56,191	$63,579	$1,948	$31,482	$22,469	$56,344	$171,161	$59,498	$66,362	$442,891	$294,465	$82,261	$1,348,651
Jurisdictional Recoverable Costs - Production - Solar	$58,042	$58,457	$44,405	$82,154	$3,831	$133,613	$101,398	$89,880	$77,875	$84,711	$72,766	$92,898	$900,029
Jurisdictional Recoverable Costs - Distribution	$312,233	$545,925	$564,740	$748,511	$392,663	$245,304	$245,304	$245,304	$245,304	$213,167	$213,167	$213,167	$4,184,788
9. Total Jurisdictional Recoverable Costs for O&M Activities	$2,659,886	$3,252,499	$2,187,838	$2,533,824	$2,586,271	$2,342,763	$2,545,978	$2,436,751	$2,448,715	$2,928,823	$2,815,881	$10,706,032	$39,445,262

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-6E

JANUARY 2020 THROUGH DECEMBER 2020

VARIANCE REPORT OF CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

Capital Project #	ECRC - 2020 Actual Estimated Filing (b)	ECRC - 2020 Projection Filing (c)	Dif ECRC - 2020 Projection Filing (d)	% Dif ECRC - 2020 Projection Filing (e)
02 - Low NOX Burner Technology	$57,069	$57,311	($242)	(0%)
03 - Continuous Emission Monitoring Systems	$467,855	$481,673	($13,817)	(3%)
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	$1,660,195	$1,603,770	$56,424	4%
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	$1,535	$1,535	$1	0%
08 - Oil Spill Clean-up/Response Equipment	$195,267	$335,970	($140,703)	(42%)
10 - Relocate Storm Water Runoff	$6,215	$6,259	($44)	(1%)
12 - Scherer Discharge Pipeline	$33,749	$33,978	($229)	(1%)
20 - Wastewater Discharge Elimination & Reuse	$42,408	$42,940	($531)	(1%)
21 - St. Lucie Turtle Nets	$734,751	$742,000	($7,250)	(1%)
22 - Pipeline Integrity Management	$263,403	$265,742	($2,340)	(1%)
23 - SPCC - Spill Prevention, Control & Countermeasures	$2,221,898	$2,267,961	($46,064)	(2%)
24 - Manatee Reburn	$2,979,301	$2,997,332	($18,031)	(1%)
26 - UST Remove/Replacement	$6,651	$6,713	($62)	(1%)
28 - CWA 316(b) Phase II Rule	$77,810	$295,116	($217,305)	(74%)
31 - Clean Air Interstate Rule (CAIR) Compliance	$45,144,078	$45,519,130	($375,052)	(1%)
33 - MATS Project	$9,423,322	$9,593,092	($169,770)	(2%)
34 - St Lucie Cooling Water System Inspection & Maintenance	$354,911	$455,101	($100,190)	(22%)
35 - Martin Plant Drinking Water System Compliance	$20,188	$20,366	($178)	(1%)
36 - Low-Level Radioactive Waste Storage	$1,653,138	$1,667,815	($14,677)	(1%)
37 - DeSoto Next Generation Solar Energy Center	$11,943,760	$12,202,704	($258,944)	(2%)
38 - Space Coast Next Generation Solar Energy Center	$5,561,296	$5,683,383	($122,087)	(2%)
39 - Martin Next Generation Solar Energy Center	$34,080,447	$34,650,825	($570,378)	(2%)
41 - Manatee Temporary Heating System	$3,338,462	$3,236,776	$101,686	3%
42 - Turkey Point Cooling Canal Monitoring Plan	$6,058,054	$6,462,269	($404,215)	(6%)
44 - Martin Plant Barley Barber Swamp Iron Mitigation	$14,606	$14,736	($131)	(1%)
45 - 800 MW Unit ESP	$18,821,748	$18,972,586	($150,838)	(1%)
47 - NPDES Permit Renewal Requirements	$53,039	$27,667	$25,372	92%
50 - Steam Electric Effluent Guidelines Revised Rules	$99,788	$144,266	($44,478)	(31%)
54 - Coal Combustion Residuals	$9,951,398	$9,404,214	$547,184	6%
NA-Amortization of Gains on Sales of Emissions Allowances	($17)	($22)	$5	(22%)
Total Investment Projects - Recoverable Costs	$155,266,324	$157,193,209	($1,926,885)	(1.2%)

(b) The 12-Month Totals on Form 42-7E

(c) As approved in Order No. PSC-2019-0500-FOF-EI issued November 22, 2019.

(d) Column (2) - Column (3)

(e) Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-6E

JANUARY 2020 THROUGH DECEMBER 2020

VARIANCE REPORT OF CAPITAL INVESTMENT PROJECTS - RECOVERABLE COSTS

	ECRC - 2020 Actual/Estimated (b)	ECRC - 2020 Projection (c)	Dif. ECRC - 2020 Projection Filing (d)	% Dif. ECRC - 2020 Projection Filing (e)
2. Total Investment Projects - Recoverable Costs	$155,266,324	$157,193,209	$1,926,885	1.24%
3. Recoverable Costs Allocated to Energy	$3,504,208	$3,536,293	$32,085	0.92%
4. Recoverable Costs Allocated to Demand	$151,762,116	$153,656,916	$1,894,800	1.25%
5. Jurisdictional Energy Recoverable Costs	$13,066,647	$13,227,054	$160,407	1.23%
8. Jurisdictional Demand Recoverable Costs	$134,776,648	$136,455,754	$1,679,106	1.25%
9. Total Jurisdictional Recoverable Costs for Investment Projects	$147,843,295	$149,682,808	$1,839,513	1.24%

(b) The 12-Month Totals on Form 42-7E

(c) As approved in Order No. PSC-2019-0500-FOF-EI issued November 22, 2019.

(d) Column (2) - Column (3)

(e) Column (4) / Column (3)

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

JANUARY 2020 THROUGH DECEMBER 2020

CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)
Capital Project (a)	Strata	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
02 - Low NOX Burner Technology	Peaking	$4,876	$4,855	$4,834	$4,813	$4,792	$4,771	$4,740	$4,719	$4,698	$4,678	$4,657	$4,636	$57,069
03 - Continuous Emission Monitoring Systems	Base	$2,350	$2,342	$2,334	$2,326	$2,318	$2,310	$2,294	$2,286	$2,278	$2,271	$2,263	$2,255	$27,625
03 - Continuous Emission Monitoring Systems	Intermediate	$23,271	$23,203	$23,134	$23,065	$22,997	$22,930	$22,777	$22,710	$22,643	$22,576	$22,508	$22,415	$274,230
03 - Continuous Emission Monitoring Systems	Peaking	$14,089	$14,047	$14,005	$13,963	$13,921	$13,879	$13,787	$13,745	$13,704	$13,662	$13,620	$13,579	$166,000
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	$150	$150	$150	$150	$150	$150	$149	$149	$149	$149	$149	$149	$1,797
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	$58,947	$58,908	$58,869	$58,822	$58,775	$58,729	$59,825	$61,254	$61,186	$61,118	$61,050	$60,982	$718,464
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	$19,065	$19,004	$18,944	$18,883	$18,823	$18,762	$18,638	$18,578	$18,518	$18,458	$18,398	$18,338	$224,408
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	$60,970	$60,741	$60,511	$60,282	$60,053	$59,824	$59,427	$59,199	$58,971	$58,744	$58,516	$58,288	$715,525
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	$133	$132	$131	$130	$129	$128	$128	$127	$126	$125	$124	$123	$1,535
08 - Oil Spill Clean-up/Response Equipment	Distribution	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$265
08 - Oil Spill Clean-up/Response Equipment	General	$28	$28	$28	$28	$28	$28	$27	$27	$27	$27	$27	$27	$330
08 - Oil Spill Clean-up/Response Equipment	Intermediate	$9,426	$10,347	$10,334	$10,308	$10,292	$10,277	$10,209	$10,180	$10,151	$10,516	$11,121	$11,328	$124,488
08 - Oil Spill Clean-up/Response Equipment	Peaking	$5,975	$5,866	$5,852	$5,829	$5,806	$5,784	$5,783	$5,798	$5,775	$5,752	$5,912	$6,051	$70,184
10 - Relocate Storm Water Runoff	Base	$527	$526	$524	$523	$521	$520	$516	$515	$513	$512	$510	$509	$6,215
NA-Amortization of Gains on Sales of Emissions Allowances	Base	($2)	($2)	($1)	($1)	($1)	($2)	($1)	($1)	($1)	($1)	($1)	($1)	($17)
12 - Scherer Discharge Pipeline	Base	$2,864	$2,856	$2,847	$2,839	$2,830	$2,822	$2,803	$2,795	$2,786	$2,778	$2,769	$2,761	$33,749
20 - Wastewater Discharge Elimination & Reuse	Peaking	$3,546	$3,546	$3,546	$3,546	$3,546	$3,546	$3,522	$3,522	$3,522	$3,522	$3,522	$3,522	$42,408
21 - St. Lucie Turtle Nets	Base	$61,864	$61,778	$61,692	$61,605	$61,519	$61,432	$61,025	$60,939	$60,853	$60,767	$60,681	$60,595	$734,751
22 - Pipeline Integrity Management	Intermediate	$11,911	$11,888	$11,866	$11,843	$11,821	$11,798	$11,720	$11,697	$11,675	$11,653	$11,630	$11,608	$141,109
22 - Pipeline Integrity Management	Peaking	$10,324	$10,304	$10,285	$10,265	$10,245	$10,225	$10,157	$10,137	$10,118	$10,098	$10,078	$10,058	$122,293
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	$28,795	$28,713	$28,631	$28,549	$28,467	$28,385	$28,197	$28,116	$28,034	$27,953	$27,871	$27,790	$339,502
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	$22,279	$22,245	$22,212	$22,179	$22,161	$22,227	$22,165	$22,130	$22,096	$22,062	$22,051	$22,040	$265,847
23 - SPCC - Spill Prevention, Control & Countermeasures	General	$910	$909	$908	$907	$905	$904	$898	$897	$896	$895	$893	$892	$10,814
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	$56,442	$56,637	$56,829	$56,675	$56,520	$56,374	$56,147	$56,780	$58,034	$60,162	$61,943	$62,719	$695,260
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	$45,833	$45,859	$45,712	$45,565	$45,400	$45,235	$44,935	$44,771	$44,607	$44,443	$44,279	$44,115	$540,754
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	$31,134	$31,088	$31,047	$31,002	$30,958	$30,914	$30,699	$30,664	$30,620	$30,576	$30,532	$30,488	$369,721
24 - Manatee Plant Reburn	Peaking	$253,352	$252,500	$251,649	$250,797	$249,946	$249,094	$247,442	$246,596	$245,750	$244,904	$244,058	$243,212	$2,979,301
26 - UST Remove/Replacement	General	$561	$560	$559	$558	$557	$556	$552	$551	$550	$550	$549	$548	$6,651
28 - CWA 316(b) Phase II Rule	Intermediate	$6,563	$6,552	$6,540	$6,529	$6,517	$6,506	$6,462	$6,451	$6,440	$6,428	$6,417	$6,405	$77,810
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	$3,044,156	$3,039,240	$3,038,950	$3,038,692	$3,034,338	$3,030,407	$3,011,497	$3,006,579	$3,001,300	$2,996,022	$2,990,743	$2,987,196	$36,219,119
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	$9	$9	$9	$9	$9	$9	$9	$9	$9	$9	$8	$8	$103
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	$9,563	$9,546	$9,530	$9,514	$9,498	$9,481	$9,418	$9,402	$9,386	$9,370	$9,354	$9,338	$113,401
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	$743,837	$742,414	$740,991	$739,567	$738,144	$736,721	$731,831	$730,417	$729,004	$727,590	$726,176	$724,763	$8,811,455
33 - MATS Project	Base	$783,097	$781,508	$795,626	$793,928	$792,230	$790,531	$785,285	$783,597	$781,910	$780,223	$778,536	$776,849	$9,423,322
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	$29,675	$29,675	$29,675	$29,675	$29,675	$29,675	$29,477	$29,477	$29,477	$29,477	$29,477	$29,477	$354,911
35 - Martin Plant Drinking Water System Compliance	Intermediate	$971	$970	$968	$966	$964	$962	$956	$954	$952	$950	$948	$946	$11,507
35 - Martin Plant Drinking Water System Compliance	Peaking	$733	$731	$730	$729	$727	$726	$721	$720	$718	$717	$715	$714	$8,681
36 - Low-Level Radioactive Waste Storage	Base	$139,550	$139,284	$139,017	$138,751	$138,485	$138,218	$137,301	$137,036	$136,771	$136,506	$136,242	$135,977	$1,653,138
37 - DeSoto Next Generation Solar Energy Center	Solar	$1,018,746	$1,015,486	$1,012,372	$1,009,098	$1,005,634	$1,002,315	$988,163	$984,801	$981,591	$978,376	$975,165	$972,012	$11,943,760
38 - Space Coast Next Generation Solar Energy Center	Solar	$473,913	$472,478	$471,046	$469,611	$468,172	$466,736	$460,436	$458,855	$457,223	$455,687	$454,275	$452,864	$5,561,296
39 - Martin Next Generation Solar Energy Center	Intermediate	$2,890,502	$2,884,352	$2,879,010	$2,873,516	$2,866,652	$2,860,096	$2,820,790	$2,814,108	$2,807,357	$2,800,605	$2,794,221	$2,789,239	$34,080,447
41 - Manatee Temporary Heating System	Distribution	$1,518	$1,518	$1,518	$1,518	$1,518	$1,518	$1,508	$1,508	$1,508	$1,508	$1,508	$1,508	$18,161
41 - Manatee Temporary Heating System	Intermediate	$154,039	$153,729	$153,095	$152,462	$265,674	$277,658	$275,817	$274,517	$273,216	$271,916	$270,615	$269,315	$2,792,055
41 - Manatee Temporary Heating System	Peaking	$129,531	$129,147	$128,475	$127,803	$13,289	$0	$0	$0	$0	$0	$0	$0	$528,245
42 - Turkey Point Cooling Canal Monitoring Plan	Base	$462,688	$468,459	$470,238	$474,505	$429,258	$384,925	$389,807	$394,565	$403,023	$408,940	$408,287	$413,136	$5,107,831
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	$0	$0	$0	$0	$63,923	$127,751	$126,903	$126,711	$126,520	$126,329	$126,138	$125,947	$950,223
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	$703	$701	$700	$699	$697	$696	$691	$690	$689	$688	$686	$685	$8,325
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	$530	$529	$528	$527	$526	$525	$522	$521	$520	$519	$518	$517	$6,280
45 - 800 MW Unit ESP	Intermediate	$719	$716	$713	$711	$708	$705	$701	$698	$695	$693	$690	$687	$8,436
45 - 800 MW Unit ESP	Peaking	$1,585,780	$1,583,754	$1,581,832	$1,578,958	$1,576,081	$1,573,204	$1,562,761	$1,559,904	$1,557,046	$1,554,188	$1,551,331	$1,548,473	$18,813,313
47 - NPDES Permit Renewal Requirements	Base	$0	$0	$0	$0	$8	$282	$1,956	$4,778	$8,340	$10,897	$12,347	$14,432	$53,039
50 - Steam Electric Effluent Guidelines Revised Rules	Base	$6,556	$6,658	$6,867	$7,245	$7,736	$8,117	$8,381	$8,700	$9,019	$9,337	$9,656	$11,516	$99,788
54 - Coal Combustion Residuals	Base	$777,438	$778,972	$772,783	$779,875	$787,503	$827,077	$859,445	$862,525	$865,604	$868,683	$871,762	$899,731	$9,951,398
	Total	$12,990,460	$12,975,480	$12,968,667	$12,960,359	$12,961,467	$12,996,465	$12,929,421	$12,916,426	$12,906,620	$12,894,626	$12,875,549	$12,890,784	$155,266,324

[b] Each project's Total Recoverable Costs on Form 42-8E, Line 9.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

JANUARY 2020 THROUGH DECEMBER 2020

CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

Capital Project	Strata	Monthly Data	Jurisdictionalization		Method of Classification	
		Twelve Month Total	Jurisdictional Factor	Juris Twelve Month Amount	CP Demand	Energy
02 - Low NOX Burner Technology	Peaking	$57,069	95.1325%	$54,291	$0	$54,291
03 - Continuous Emission Monitoring Systems	Base	$27,625	95.8799%	$26,486	$0	$26,486
03 - Continuous Emission Monitoring Systems	Intermediate	$274,230	94.2430%	$258,443	$0	$258,443
03 - Continuous Emission Monitoring Systems	Peaking	$166,000	95.1325%	$157,920	$0	$157,920
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Base	$1,797	95.7922%	$1,721	$1,589	$132
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	General	$718,464	96.9124%	$696,280	$642,720	$53,560
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Intermediate	$224,408	94.1569%	$211,296	$195,042	$16,254
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks	Peaking	$715,525	95.0455%	$680,074	$627,761	$52,313
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground	Base	$1,535	95.7922%	$1,471	$1,358	$113
08 - Oil Spill Clean-up/Response Equipment	Distribution	$265	100.0000%	$265	$245	$20
08 - Oil Spill Clean-up/Response Equipment	General	$330	96.9124%	$320	$295	$25
08 - Oil Spill Clean-up/Response Equipment	Intermediate	$124,488	94.1569%	$117,214	$108,198	$9,016
08 - Oil Spill Clean-up/Response Equipment	Peaking	$70,184	95.0455%	$66,706	$61,575	$5,131
10 - Relocate Storm Water Runoff	Base	$6,215	95.7922%	$5,953	$5,495	$458
12 - Scherer Discharge Pipeline	Base	$33,749	95.7922%	$32,329	$29,842	$2,487
20 - Wastewater Discharge Elimination & Reuse	Peaking	$42,408	95.0455%	$40,307	$37,207	$3,101
21 - St. Lucie Turtle Nets	Base	$734,751	95.7922%	$703,834	$649,693	$54,141
22 - Pipeline Integrity Management	Intermediate	$141,109	94.1569%	$132,864	$122,644	$10,220
22 - Pipeline Integrity Management	Peaking	$122,293	95.0455%	$116,234	$107,293	$8,941
23 - SPCC - Spill Prevention, Control & Countermeasures	Base	$339,502	95.7922%	$325,217	$300,200	$25,017
23 - SPCC - Spill Prevention, Control & Countermeasures	Distribution	$265,847	100.0000%	$265,847	$245,397	$20,450
23 - SPCC - Spill Prevention, Control & Countermeasures	General	$10,814	96.9124%	$10,480	$9,674	$806
23 - SPCC - Spill Prevention, Control & Countermeasures	Intermediate	$695,260	94.1569%	$654,635	$604,279	$50,357
23 - SPCC - Spill Prevention, Control & Countermeasures	Peaking	$540,754	95.0455%	$513,962	$474,426	$39,536
23 - SPCC - Spill Prevention, Control & Countermeasures	Transmission	$369,721	89.9387%	$332,522	$306,943	$25,579
24 - Manatee Plant Reburn	Peaking	$2,979,301	95.1325%	$2,834,282	$0	$2,834,282
26 - UST Remove/Replacement	General	$6,651	96.9124%	$6,446	$5,950	$496
28 - CWA 316(b) Phase II Rule	Intermediate	$77,810	94.1569%	$73,264	$67,628	$5,636
31 - Clean Air Interstate Rule (CAIR) Compliance	Base	$36,219,119	95.7922%	$34,695,101	$32,026,247	$2,668,854
31 - Clean Air Interstate Rule (CAIR) Compliance	Distribution	$103	100.0000%	$103	$95	$8
31 - Clean Air Interstate Rule (CAIR) Compliance	Intermediate	$113,401	94.1569%	$106,775	$98,561	$8,213
31 - Clean Air Interstate Rule (CAIR) Compliance	Peaking	$8,811,455	95.0455%	$8,374,890	$7,730,668	$644,222
33 - MATS Project	Base	$9,423,322	95.7922%	$9,026,810	$8,332,440	$694,370
34 - St Lucie Cooling Water System Inspection & Maintenance	Base	$354,911	95.7922%	$339,977	$313,825	$26,152
35 - Martin Plant Drinking Water System Compliance	Intermediate	$11,507	94.1569%	$10,835	$10,001	$833
35 - Martin Plant Drinking Water System Compliance	Peaking	$8,681	95.0455%	$8,251	$7,616	$635
36 - Low-Level Radioactive Waste Storage	Base	$1,653,138	95.7922%	$1,583,578	$1,461,764	$121,814
37 - DeSoto Next Generation Solar Energy Center	Solar	$11,943,760	95.7922%	$11,441,194	$10,561,102	$880,092
38 - Space Coast Next Generation Solar Energy Center	Solar	$5,561,296	95.7922%	$5,327,289	$4,917,498	$409,791
39 - Martin Next Generation Solar Energy Center	Intermediate	$34,080,447	94.1569%	$32,089,075	$29,620,685	$2,468,390
41 - Manatee Temporary Heating System	Distribution	$18,161	100.0000%	$18,161	$16,764	$1,397
41 - Manatee Temporary Heating System	Intermediate	$2,792,055	94.1569%	$2,628,911	$2,426,687	$202,224
41 - Manatee Temporary Heating System	Peaking	$528,245	95.0455%	$502,073	$463,452	$38,621
42 - Turkey Point Cooling Canal Monitoring Plan	Base	$5,107,831	95.7922%	$4,892,905	$4,516,528	$376,377
42 - Turkey Point Cooling Canal Monitoring Plan	Intermediate	$950,223	94.1569%	$894,700	$825,877	$68,823
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Intermediate	$8,325	94.1569%	$7,839	$7,839	$0
44 - Martin Plant Barley Barber Swamp Iron Mitigation	Peaking	$6,280	95.0455%	$5,969	$5,969	$0
45 - 800 MW Unit ESP	Intermediate	$8,436	94.1569%	$7,943	$7,943	$0
45 - 800 MW Unit ESP	Peaking	$18,813,313	95.0455%	$17,881,205	$17,881,205	$0
47 - NPDES Permit Renewal Requirements	Base	$53,039	95.7922%	$50,807	$50,807	$0
50 - Steam Electric Effluent Guidelines Revised Rules	Base	$99,788	95.7922%	$95,589	$88,236	$7,353
54 - Coal Combustion Residuals	Base	$9,951,398	95.7922%	$9,532,666	$8,799,384	$733,282
NA-Amortization of Gains on Sales of Emissions Allowances	Base	($17)	95.8799%	($17)	$0	($17)
	Total	$155,266,324		$147,843,295	$134,776,648	$13,066,647

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
CALCULATION OF THE ACTUAL / ESTIMATED TRUE-UP AMOUNT FOR THE PERIOD

FORM: 42-7E-2

JANUARY 2020 THROUGH DECEMBER 2020

CAPITAL INVESTMENT PROJECTS-RECOVERABLE COSTS

	Jan - 2020	Feb - 2020	Mar - 2020	Apr - 2020	May - 2020	Jun - 2020	Jul - 2020	Aug - 2020	Sep - 2020	Oct - 2020	Nov - 2020	Dec - 2020	2020
2. Total of Capital Investment Projects	$12,990,460	$12,975,480	$12,968,667	$12,960,359	$12,961,467	$12,996,465	$12,929,421	$12,916,426	$12,906,620	$12,894,626	$12,875,549	$12,890,784	$155,266,324
3. Recoverable Costs Jurisdictionalized on Energy - Base	$2,348	$2,340	$2,332	$2,324	$2,316	$2,308	$2,293	$2,285	$2,277	$2,269	$2,261	$2,253	$27,607
Recoverable Costs Jurisdictionalized on Energy - Intermediate	$23,271	$23,203	$23,134	$23,065	$22,997	$22,930	$22,777	$22,710	$22,643	$22,576	$22,508	$22,415	$274,230
Recoverable Costs Jurisdictionalized on Energy - Peaking	$272,317	$271,402	$270,488	$269,573	$268,659	$267,745	$265,969	$265,060	$264,152	$263,244	$262,335	$261,427	$3,202,370
4. Recoverable Costs Jurisdictionalized on 12 CP Demand - Transmission	$31,134	$31,088	$31,047	$31,002	$30,958	$30,914	$30,699	$30,664	$30,620	$30,576	$30,532	$30,488	$369,721
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Base	$5,337,494	$5,337,950	$5,347,133	$5,356,467	$5,312,849	$5,302,669	$5,315,966	$5,319,896	$5,327,905	$5,332,369	$5,329,155	$5,360,242	$63,980,095
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Interm.	$3,159,903	$3,154,442	$3,148,529	$3,142,105	$3,312,089	$3,381,067	$3,338,452	$3,330,766	$3,323,633	$3,317,767	$3,312,161	$3,306,555	$39,227,469
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Peaking	$2,587,060	$2,582,891	$2,578,461	$2,573,071	$2,453,817	$2,435,789	$2,419,659	$2,414,989	$2,410,281	$2,405,573	$2,401,047	$2,396,501	$29,659,138
Recoverable Costs Jurisdictionalized on 12 CP Demand - Production - Solar	$1,492,660	$1,487,964	$1,483,418	$1,478,708	$1,473,806	$1,469,051	$1,448,599	$1,443,656	$1,438,814	$1,434,063	$1,429,441	$1,424,876	$17,505,056
Recoverable Costs Jurisdicitionalized on 12 CP Demand - General	$60,446	$60,404	$60,364	$60,314	$60,265	$60,217	$61,303	$62,730	$62,660	$62,589	$62,519	$62,449	$736,260
Recoverable Costs Jurisdictionalized on 12 CP Demand - Distribution	$23,828	$23,795	$23,762	$23,728	$23,710	$23,777	$23,704	$23,669	$23,635	$23,601	$23,590	$23,579	$284,376
5. Retail Production Energy Jurisdictional Factor - Base	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	95.87989%	
Retail Production Energy Jurisdictional Factor - Intermediate	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	94.24302%	
Retail Production Energy Jurisdictional Factor - Peaking	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	95.13247%	
6. Retail Transmission Demand Jurisdictional Factor	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	89.93869%	
Retail Production Demand Jurisdictional Factor - Base	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	
Retail Production Demand Jurisdictional Factor - Intermediate	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	94.15685%	
Retail Production Demand Jurisdictional Factor - Peaking	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	95.04549%	
Retail Production Demand Jurisdictional Factor - Solar	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	95.79223%	
Retail Production Demand Jurisdictional Factor - General	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	96.91235%	
Retail Distribution Demand Jurisdictional Factor	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	100.00000%	
7 .Jurisdictional Recoverable Costs - Transmission	$28,001	$27,960	$27,923	$27,883	$27,843	$27,803	$27,610	$27,579	$27,539	$27,500	$27,460	$27,420	$332,522
Jurisdictional Recoverable Costs - Production - Base	$5,115,156	$5,115,584	$5,124,374	$5,133,308	$5,091,517	$5,081,758	$5,094,481	$5,098,238	$5,105,903	$5,110,171	$5,107,084	$5,136,855	$61,314,428
Jurisdictional Recoverable Costs - Production - Intermediate	$2,997,196	$2,991,991	$2,986,358	$2,980,244	$3,140,232	$3,205,116	$3,164,847	$3,157,548	$3,150,768	$3,145,181	$3,139,839	$3,134,472	$37,193,792
Jurisdictional Recoverable Costs - Production - Peaking	$2,717,945	$2,713,113	$2,708,033	$2,702,039	$2,587,825	$2,569,819	$2,552,799	$2,547,496	$2,542,157	$2,536,818	$2,531,653	$2,526,468	$31,236,166
Jurisdictional Recoverable Costs - Production - Solar	$1,429,852	$1,425,354	$1,420,999	$1,416,488	$1,411,791	$1,407,237	$1,387,645	$1,382,910	$1,378,272	$1,373,721	$1,369,293	$1,364,921	$16,768,483
Jurisdictional Recoverable Costs - General	$58,579	$58,539	$58,500	$58,452	$58,405	$58,357	$59,411	$60,793	$60,725	$60,657	$60,589	$60,520	$713,527
Jurisdictional Recoverable Costs - Distribution	$23,828	$23,795	$23,762	$23,728	$23,710	$23,777	$23,704	$23,669	$23,635	$23,601	$23,590	$23,579	$284,376
8. Total Jurisdictional Recoverable Costs for Capital Investment Activities	$12,370,558	$12,356,337	$12,349,948	$12,342,143	$12,341,323	$12,373,866	$12,310,497	$12,298,233	$12,288,999	$12,277,648	$12,259,508	$12,274,236	$147,843,295

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
02 - Low NOX Burner Technology														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	
3b. Less: Capital Recovery Unamortized Balance	($263,079)	($259,947)	($256,815)	($253,683)	($250,552)	($247,420)	($244,288)	($241,156)	($238,024)	($234,892)	($231,760)	($228,628)	($225,496)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$263,079	$259,948	$256,816	$253,684	$250,552	$247,420	$244,288	$241,156	$238,024	$234,892	$231,760	$228,629	$225,497	
6. Average Net Investment		$261,514	$258,382	$255,250	$252,118	$248,986	$245,854	$242,722	$239,590	$236,458	$233,326	$230,195	$227,063	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$1,450	$1,432	$1,415	$1,398	$1,380	$1,363	$1,334	$1,317	$1,300	$1,282	$1,265	$1,248	$16,183
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$294	$291	$287	$284	$280	$277	$274	$270	$267	$263	$260	$256	$3,303
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Amortization (f)		$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$3,132	$37,583
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$4,876	$4,855	$4,834	$4,813	$4,792	$4,771	$4,740	$4,719	$4,698	$4,678	$4,657	$4,636	$57,069

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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FORM: 42-8E

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	$515,653	
3a. Less: Accumulated Depreciation	$405,100	$406,298	$407,497	$408,696	$409,895	$411,094	$412,293	$413,492	$414,691	$415,890	$417,089	$418,287	$419,486	
3b. Less: Capital Recovery Unamortized Balance	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	($62,603)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$173,157	$171,958	$170,759	$169,560	$168,361	$167,162	$165,963	$164,764	$163,565	$162,366	$161,168	$159,969	$158,770	
6. Average Net Investment		$172,557	$171,358	$170,159	$168,960	$167,761	$166,563	$165,364	$164,165	$162,966	$161,767	$160,568	$159,369	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$956	$950	$943	$937	$930	$923	$909	$902	$896	$889	$883	$876	$10,994
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$194	$193	$192	$190	$189	$187	$187	$185	$184	$183	$181	$180	$2,244
8. Investment Expenses														
a. Depreciation (e)		$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$1,199	$14,387
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$2,350	$2,342	$2,334	$2,326	$2,318	$2,310	$2,294	$2,286	$2,278	$2,271	$2,263	$2,255	$27,625

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($4,473)	($4,473)
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($4,473)	($4,473)
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$2,290,617	$2,290,617	$2,290,617	$2,290,167	$2,290,167	$2,290,167	$2,290,167	$2,290,167	$2,290,167	$2,290,167	$2,290,167	$2,290,167	$2,285,694	
3a. Less: Accumulated Depreciation	$521,499	$529,234	$536,970	$544,706	$552,442	$560,178	$567,914	$575,650	$583,386	$591,122	$598,858	$606,594	$609,830	
3b. Less: Capital Recovery Unamortized Balance	($203,055)	($200,638)	($198,221)	($195,803)	($193,386)	($190,969)	($188,552)	($186,134)	($183,717)	($181,300)	($178,882)	($176,465)	($174,048)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$1,972,174	$1,962,021	$1,951,868	$1,941,264	$1,931,111	$1,920,957	$1,910,804	$1,900,651	$1,890,498	$1,880,344	$1,870,191	$1,860,038	$1,849,911	
6. Average Net Investment		$1,967,097	$1,956,944	$1,946,566	$1,936,187	$1,926,034	$1,915,881	$1,905,728	$1,895,574	$1,885,421	$1,875,268	$1,865,115	$1,854,975	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$10,904	$10,847	$10,790	$10,732	$10,676	$10,620	$10,474	$10,418	$10,363	$10,307	$10,251	$10,195	$126,578
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$2,214	$2,203	$2,191	$2,179	$2,168	$2,157	$2,150	$2,139	$2,127	$2,116	$2,104	$2,093	$25,840
8. Investment Expenses														
a. Depreciation (e)		$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,736	$7,709	$92,804
b. Amortization (f)		$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$2,417	$29,008
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$23,271	$23,203	$23,134	$23,065	$22,997	$22,930	$22,777	$22,710	$22,643	$22,576	$22,508	$22,415	$274,230

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
03 - Continuous Emission Monitoring Systems														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	$1,201,724	
3a. Less: Accumulated Depreciation	$176,873	$181,410	$185,946	$190,483	$195,020	$199,556	$204,093	$208,629	$213,166	$217,702	$222,239	$226,776	$231,312	
3b. Less: Capital Recovery Unamortized Balance	($147,463)	($145,708)	($143,952)	($142,197)	($140,441)	($138,686)	($136,930)	($135,175)	($133,419)	($131,664)	($129,908)	($128,153)	($126,397)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$1,172,313	$1,166,021	$1,159,729	$1,153,437	$1,147,145	$1,140,853	$1,134,561	$1,128,269	$1,121,977	$1,115,685	$1,109,393	$1,103,101	$1,096,808	
6. Average Net Investment		$1,169,167	$1,162,875	$1,156,583	$1,150,291	$1,143,999	$1,137,707	$1,131,415	$1,125,123	$1,118,831	$1,112,539	$1,106,247	$1,099,955	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$6,481	$6,446	$6,411	$6,376	$6,341	$6,306	$6,218	$6,184	$6,149	$6,115	$6,080	$6,046	$75,153
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1,316	$1,309	$1,302	$1,295	$1,288	$1,281	$1,276	$1,269	$1,262	$1,255	$1,248	$1,241	$15,342
8. Investment Expenses														
a. Depreciation (e)		$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$4,537	$54,439
b. Amortization (f)		$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$1,756	$21,066
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$14,089	$14,047	$14,005	$13,963	$13,921	$13,879	$13,787	$13,745	$13,704	$13,662	$13,620	$13,579	$166,000

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation														
3b. Less: Capital Recovery Unamortized Balance	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	($22,529)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	
6. Average Net Investment		$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	$22,529	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$125	$125	$125	$125	$125	$125	$124	$124	$124	$124	$124	$124	$1,492
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$25	$25	$25	$25	$25	$25	$25	$25	$25	$25	$25	$25	$305
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$150	$150	$150	$150	$150	$150	$149	$149	$149	$149	$149	$149	$1,797

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
General														
1. Investments														
a. Expenditures/Additions		$292	$2,520	$517	$0	$585	$0	$0	$0	$0	$0	$0	$0	$3,915
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$2,386,827	$0	$0	$0	$0	$0	$2,386,827
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$5,837,840	$5,837,840	$5,837,840	$5,837,840	$5,837,840	$5,837,840	$5,837,840	$8,224,667	$8,224,667	$8,224,667	$8,224,667	$8,224,667	$8,224,667	
3a. Less: Accumulated Depreciation	$472,135	$479,433	$486,730	$494,027	$501,325	$508,622	$515,919	$524,708	$534,989	$545,270	$555,551	$565,831	$576,112	
4. CWIP Non-Interest Bearing	$2,382,912	$2,383,205	$2,385,725	$2,386,242	$2,386,242	$2,386,827	$2,386,827	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$7,748,617	$7,741,612	$7,736,835	$7,730,055	$7,722,757	$7,716,045	$7,708,748	$7,699,959	$7,689,678	$7,679,397	$7,669,116	$7,658,835	$7,648,554	
6. Average Net Investment		$7,745,114	$7,739,223	$7,733,445	$7,726,406	$7,719,401	$7,712,396	$7,704,353	$7,694,818	$7,684,537	$7,674,256	$7,663,976	$7,653,695	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$42,932	$42,899	$42,867	$42,828	$42,789	$42,750	$42,344	$42,292	$42,235	$42,179	$42,122	$42,066	$510,304
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$8,718	$8,711	$8,705	$8,697	$8,689	$8,681	$8,692	$8,681	$8,670	$8,658	$8,646	$8,635	$104,183
8. Investment Expenses														
a. Depreciation (e)		$7,297	$7,297	$7,297	$7,297	$7,297	$7,297	$8,789	$10,281	$10,281	$10,281	$10,281	$10,281	$103,977
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$58,947	$58,908	$58,869	$58,822	$58,775	$58,729	$59,825	$61,254	$61,186	$61,118	$61,050	$60,982	$718,464

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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FORM: 42-8E

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	$2,290,632	
3a. Less: Accumulated Depreciation	$1,046,857	$1,052,825	$1,058,792	$1,064,759	$1,070,726	$1,076,693	$1,082,660	$1,088,627	$1,094,594	$1,100,561	$1,106,528	$1,112,496	$1,118,463	
3b. Less: Capital Recovery Unamortized Balance	($259,817)	($256,716)	($253,615)	($250,514)	($247,413)	($244,312)	($241,211)	($238,110)	($235,009)	($231,908)	($228,807)	($225,706)	($222,605)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$1,503,592	$1,494,524	$1,485,456	$1,476,388	$1,467,319	$1,458,251	$1,449,183	$1,440,115	$1,431,047	$1,421,979	$1,412,911	$1,403,843	$1,394,775	
6. Average Net Investment		$1,499,058	$1,489,990	$1,480,922	$1,471,854	$1,462,785	$1,453,717	$1,444,649	$1,435,581	$1,426,513	$1,417,445	$1,408,377	$1,399,309	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$8,309	$8,259	$8,209	$8,159	$8,108	$8,058	$7,940	$7,890	$7,840	$7,791	$7,741	$7,691	$95,995
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1,687	$1,677	$1,667	$1,657	$1,647	$1,636	$1,630	$1,620	$1,609	$1,599	$1,589	$1,579	$19,597
8. Investment Expenses														
a. Depreciation (e)		$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$5,967	$71,605
b. Amortization (f)		$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$3,101	$37,212
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$19,065	$19,004	$18,944	$18,883	$18,823	$18,762	$18,638	$18,578	$18,518	$18,458	$18,398	$18,338	$224,408

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
05 - Maintenance of Stationary Above Ground Fuel Storage Tanks														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	$3,516,550	
3a. Less: Accumulated Depreciation	$1,461,603	$1,472,778	$1,483,953	$1,495,129	$1,506,304	$1,517,480	$1,528,655	$1,539,831	$1,551,006	$1,562,181	$1,573,357	$1,584,532	$1,595,708	
3b. Less: Capital Recovery Unamortized Balance	($1,949,792)	($1,926,589)	($1,903,387)	($1,880,184)	($1,856,981)	($1,833,778)	($1,810,575)	($1,787,373)	($1,764,170)	($1,740,967)	($1,717,764)	($1,694,561)	($1,671,358)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$4,004,740	$3,970,362	$3,935,984	$3,901,605	$3,867,227	$3,832,849	$3,798,471	$3,764,092	$3,729,714	$3,695,336	$3,660,958	$3,626,579	$3,592,201	
6. Average Net Investment		$3,987,551	$3,953,173	$3,918,794	$3,884,416	$3,850,038	$3,815,660	$3,781,281	$3,746,903	$3,712,525	$3,678,147	$3,643,768	$3,609,390	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$22,103	$21,913	$21,722	$21,532	$21,341	$21,150	$20,783	$20,594	$20,405	$20,216	$20,027	$19,838	$251,622
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$4,488	$4,450	$4,411	$4,372	$4,334	$4,295	$4,266	$4,227	$4,188	$4,150	$4,111	$4,072	$51,364
8. Investment Expenses														
a. Depreciation (e)		$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$11,175	$134,105
b. Amortization (f)		$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$23,203	$278,434
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$60,970	$60,741	$60,511	$60,282	$60,053	$59,824	$59,427	$59,199	$58,971	$58,744	$58,516	$58,288	$715,525

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
07 - Relocate Turbine Lube Oil Underground Piping to Above Ground														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	$31,030	
3a. Less: Accumulated Depreciation	$30,869	$31,001	$31,133	$31,265	$31,397	$31,529	$31,662	$31,794	$31,926	$32,058	$32,190	$32,322	$32,454	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$161	$29	($103)	($235)	($367)	($499)	($632)	($764)	($896)	($1,028)	($1,160)	($1,292)	($1,424)	
6. Average Net Investment		$95	($37)	($169)	($301)	($433)	($566)	($698)	($830)	($962)	($1,094)	($1,226)	($1,358)	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$1	($0)	($1)	($2)	($2)	($3)	($4)	($5)	($5)	($6)	($7)	($7)	($42)
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$0	($0)	($0)	($0)	($0)	($1)	($1)	($1)	($1)	($1)	($1)	($2)	($9)
8. Investment Expenses														
a. Depreciation (e)		$132	$132	$132	$132	$132	$132	$132	$132	$132	$132	$132	$132	$1,586
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$133	$132	$131	$130	$129	$128	$128	$127	$126	$125	$124	$123	$1,535

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Distribution														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	$2,995	
3a. Less: Accumulated Depreciation	$389	$394	$399	$404	$409	$414	$419	$424	$429	$434	$439	$444	$449	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$2,607	$2,602	$2,597	$2,592	$2,587	$2,582	$2,577	$2,572	$2,567	$2,562	$2,557	$2,552	$2,547	
6. Average Net Investment		$2,604	$2,599	$2,594	$2,589	$2,584	$2,579	$2,574	$2,569	$2,564	$2,559	$2,554	$2,549	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$14	$171
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$3	$3	$3	$3	$3	$3	$3	$3	$3	$3	$3	$3	$35
8. Investment Expenses														
a. Depreciation (e)		$5	$5	$5	$5	$5	$5	$5	$5	$5	$5	$5	$5	$60
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$22	$265

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
General														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	$4,413	
3a. Less: Accumulated Depreciation	$1,069	$1,075	$1,080	$1,086	$1,091	$1,097	$1,102	$1,108	$1,114	$1,119	$1,125	$1,130	$1,136	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$3,343	$3,338	$3,332	$3,327	$3,321	$3,316	$3,310	$3,305	$3,299	$3,294	$3,288	$3,283	$3,277	
6. Average Net Investment		$3,341	$3,335	$3,330	$3,324	$3,319	$3,313	$3,308	$3,302	$3,296	$3,291	$3,285	$3,280	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$19	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$18	$219
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$4	$4	$4	$4	$4	$4	$4	$4	$4	$4	$4	$4	$45
8. Investment Expenses														
a. Depreciation (e)		$6	$6	$6	$6	$6	$6	$6	$6	$6	$6	$6	$6	$66
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$28	$28	$28	$28	$28	$28	$27	$27	$27	$27	$27	$27	$330

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
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JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Intermediate														
1. Investments														
a. Expenditures/Additions		$318,963	$3,773	$974	$0	$4,088	$0	$0	$0	$0	$0	$20,879	$0	$348,677
b. Clearings to Plant		($21,141)	$0	$0	$0	$0	$0	$0	$0	$0	$405,369	$20,879	$0	$405,107
c. Retirements		($21,141)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($21,141)
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$515,580	$494,439	$494,439	$494,439	$494,439	$494,439	$494,439	$494,439	$494,439	$494,439	$899,808	$920,687	$920,687	
3a. Less: Accumulated Depreciation	$8,720	($7,938)	($3,581)	$776	$5,132	$9,489	$13,846	$18,203	$22,560	$26,917	$31,670	$36,991	$42,486	
3b. Less: Capital Recovery Unamortized Balance	$154	$152	$150	$148	$146	$145	$143	$141	$139	$137	$135	$134	$132	
4. CWIP Non-Interest Bearing	$77,572	$396,534	$400,308	$401,282	$401,282	$405,369	$405,369	$405,369	$405,369	$405,369	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$584,278	$898,760	$898,178	$894,797	$890,441	$890,174	$885,819	$881,464	$877,108	$872,753	$868,003	$883,562	$878,069	
6. Average Net Investment		$741,519	$898,469	$896,487	$892,619	$890,308	$887,996	$883,641	$879,286	$874,931	$870,378	$875,783	$880,816	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$4,110	$4,980	$4,969	$4,948	$4,935	$4,922	$4,857	$4,833	$4,809	$4,784	$4,813	$4,841	$57,801
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$835	$1,011	$1,009	$1,005	$1,002	$1,000	$997	$992	$987	$982	$988	$994	$11,801
8. Investment Expenses														
a. Depreciation (e)		$4,483	$4,357	$4,357	$4,357	$4,357	$4,357	$4,357	$4,357	$4,357	$4,752	$5,321	$5,495	$54,908
b. Amortization (f)		($2)	($2)	($2)	($2)	($2)	($2)	($2)	($2)	($2)	($2)	($2)	($2)	($22)
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$9,426	$10,347	$10,334	$10,308	$10,292	$10,277	$10,209	$10,180	$10,151	$10,516	$11,121	$11,328	$124,488

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
08 - Oil Spill Clean-up/Response Equipment														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$2,555	$0	$0	$0	$0	$0	$0	$0	$0	$15,751	$0	$18,306
b. Clearings to Plant		($15,948)	$0	$0	$0	$0	$0	$52,481	$0	$0	$0	$15,751	($3,374)	$48,910
c. Retirements		($15,948)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($3,374)	($19,322)
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$454,472	$438,523	$438,523	$438,523	$438,523	$438,523	$438,523	$491,005	$491,005	$491,005	$491,005	$506,756	$503,382	
3a. Less: Accumulated Depreciation	$132,037	$119,593	$123,002	$126,411	$129,820	$133,229	$136,638	$140,085	$143,570	$147,055	$150,541	$154,157	$154,511	
4. CWIP Non-Interest Bearing	$49,927	$49,927	$52,481	$52,481	$52,481	$52,481	$52,481	($0)	($0)	($0)	($0)	($0)	($0)	
5. Net Investment (Lines 2 - 3 + 4)	$372,361	$368,857	$368,003	$364,594	$361,185	$357,776	$354,367	$350,920	$347,435	$343,949	$340,464	$352,599	$348,871	
6. Average Net Investment		$370,609	$368,430	$366,298	$362,889	$359,480	$356,071	$352,643	$349,177	$345,692	$342,207	$346,532	$350,735	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$2,054	$2,042	$2,030	$2,012	$1,993	$1,974	$1,938	$1,919	$1,900	$1,881	$1,905	$1,928	$23,575
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$417	$415	$412	$408	$405	$401	$398	$394	$390	$386	$391	$396	$4,813
8. Investment Expenses														
a. Depreciation (e)		$3,504	$3,409	$3,409	$3,409	$3,409	$3,409	$3,447	$3,485	$3,485	$3,485	$3,616	$3,728	$41,796
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$5,975	$5,866	$5,852	$5,829	$5,806	$5,784	$5,783	$5,798	$5,775	$5,752	$5,912	$6,051	$70,184

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
10 - Relocate Storm Water Runoff														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	$117,794	
3a. Less: Accumulated Depreciation	$71,778	$71,999	$72,220	$72,441	$72,662	$72,883	$73,103	$73,324	$73,545	$73,766	$73,987	$74,208	$74,429	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$46,016	$45,795	$45,574	$45,353	$45,132	$44,911	$44,690	$44,470	$44,249	$44,028	$43,807	$43,586	$43,365	
6. Average Net Investment		$45,905	$45,684	$45,463	$45,243	$45,022	$44,801	$44,580	$44,359	$44,138	$43,917	$43,697	$43,476	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$254	$253	$252	$251	$250	$248	$245	$244	$243	$241	$240	$239	$2,960
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$52	$51	$51	$51	$51	$50	$50	$50	$50	$50	$49	$49	$604
8. Investment Expenses														
a. Depreciation (e)		$221	$221	$221	$221	$221	$221	$221	$221	$221	$221	$221	$221	$2,650
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$527	$526	$524	$523	$521	$520	$516	$515	$513	$512	$510	$509	$6,215

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
12 - Scherer Discharge Pipeline														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	$854,324	
3a. Less: Accumulated Depreciation	$615,029	$616,302	$617,574	$618,847	$620,120	$621,392	$622,665	$623,937	$625,210	$626,483	$627,755	$629,028	$630,300	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$239,294	$238,022	$236,749	$235,477	$234,204	$232,931	$231,659	$230,386	$229,114	$227,841	$226,568	$225,296	$224,023	
6. Average Net Investment		$238,658	$237,386	$236,113	$234,840	$233,568	$232,295	$231,023	$229,750	$228,477	$227,205	$225,932	$224,660	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$1,323	$1,316	$1,309	$1,302	$1,295	$1,288	$1,270	$1,263	$1,256	$1,249	$1,242	$1,235	$15,345
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$269	$267	$266	$264	$263	$261	$261	$259	$258	$256	$255	$253	$3,133
8. Investment Expenses														
a. Depreciation (e)		$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$1,273	$15,271
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$2,864	$2,856	$2,847	$2,839	$2,830	$2,822	$2,803	$2,795	$2,786	$2,778	$2,769	$2,761	$33,749

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
20 - Wastewater Discharge Elimination & Reuse														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	($531,712)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	
6. Average Net Investment		$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	$531,712	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$2,947	$2,947	$2,947	$2,947	$2,947	$2,947	$2,922	$2,922	$2,922	$2,922	$2,922	$2,922	$35,218
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$598	$598	$598	$598	$598	$598	$600	$600	$600	$600	$600	$600	$7,190
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$3,546	$3,546	$3,546	$3,546	$3,546	$3,546	$3,522	$3,522	$3,522	$3,522	$3,522	$3,522	$42,408

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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21 - St. Lucie Turtle Nets														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	$6,909,559	
3a. Less: Accumulated Depreciation	($431,076)	($418,121)	($405,165)	($392,210)	($379,255)	($366,299)	($353,344)	($340,388)	($327,433)	($314,477)	($301,522)	($288,567)	($275,611)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$7,340,635	$7,327,679	$7,314,724	$7,301,769	$7,288,813	$7,275,858	$7,262,902	$7,249,947	$7,236,991	$7,224,036	$7,211,081	$7,198,125	$7,185,170	
6. Average Net Investment		$7,334,157	$7,321,202	$7,308,246	$7,295,291	$7,282,335	$7,269,380	$7,256,425	$7,243,469	$7,230,514	$7,217,558	$7,204,603	$7,191,647	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$40,654	$40,582	$40,510	$40,438	$40,366	$40,295	$39,882	$39,811	$39,740	$39,669	$39,598	$39,526	$481,071
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$8,255	$8,241	$8,226	$8,212	$8,197	$8,182	$8,187	$8,172	$8,157	$8,143	$8,128	$8,114	$98,214
8. Investment Expenses														
a. Depreciation (e)		$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$12,955	$155,465
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$61,864	$61,778	$61,692	$61,605	$61,519	$61,432	$61,025	$60,939	$60,853	$60,767	$60,681	$60,595	$734,751

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
22 - Pipeline Integrity Management														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	$1,544,262	
3a. Less: Accumulated Depreciation	$263,059	$266,437	$269,815	$273,193	$276,571	$279,949	$283,327	$286,705	$290,083	$293,461	$296,839	$300,217	$303,596	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$1,281,203	$1,277,825	$1,274,447	$1,271,069	$1,267,691	$1,264,312	$1,260,934	$1,257,556	$1,254,178	$1,250,800	$1,247,422	$1,244,044	$1,240,666	
6. Average Net Investment		$1,279,514	$1,276,136	$1,272,758	$1,269,380	$1,266,002	$1,262,623	$1,259,245	$1,255,867	$1,252,489	$1,249,111	$1,245,733	$1,242,355	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$7,092	$7,074	$7,055	$7,036	$7,018	$6,999	$6,921	$6,902	$6,884	$6,865	$6,847	$6,828	$83,521
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1,440	$1,436	$1,433	$1,429	$1,425	$1,421	$1,421	$1,417	$1,413	$1,409	$1,405	$1,402	$17,051
8. Investment Expenses														
a. Depreciation (e)		$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$3,378	$40,537
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$11,911	$11,888	$11,866	$11,843	$11,821	$11,798	$11,720	$11,697	$11,675	$11,653	$11,630	$11,608	$141,109

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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22 - Pipeline Integrity Management														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	$1,328,530	
3a. Less: Accumulated Depreciation	$225,796	$228,777	$231,757	$234,737	$237,718	$240,698	$243,679	$246,659	$249,640	$252,620	$255,601	$258,581	$261,561	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$1,102,734	$1,099,753	$1,096,773	$1,093,792	$1,090,812	$1,087,831	$1,084,851	$1,081,870	$1,078,890	$1,075,910	$1,072,929	$1,069,949	$1,066,968	
6. Average Net Investment		$1,101,243	$1,098,263	$1,095,282	$1,092,302	$1,089,322	$1,086,341	$1,083,361	$1,080,380	$1,077,400	$1,074,419	$1,071,439	$1,068,459	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$6,104	$6,088	$6,071	$6,055	$6,038	$6,022	$5,954	$5,938	$5,922	$5,905	$5,889	$5,872	$71,858
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1,240	$1,236	$1,233	$1,229	$1,226	$1,223	$1,222	$1,219	$1,216	$1,212	$1,209	$1,205	$14,670
8. Investment Expenses														
a. Depreciation (e)		$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$2,980	$35,765
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$10,324	$10,304	$10,285	$10,265	$10,245	$10,225	$10,157	$10,137	$10,118	$10,098	$10,078	$10,058	$122,293

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	$3,245,435	
3a. Less: Accumulated Depreciation	$765,827	$778,128	$790,429	$802,729	$815,030	$827,331	$839,632	$851,933	$864,234	$876,534	$888,835	$901,136	$913,437	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$2,479,608	$2,467,307	$2,455,006	$2,442,705	$2,430,404	$2,418,103	$2,405,803	$2,393,502	$2,381,201	$2,368,900	$2,356,599	$2,344,298	$2,331,998	
6. Average Net Investment		$2,473,457	$2,461,156	$2,448,856	$2,436,555	$2,424,254	$2,411,953	$2,399,652	$2,387,351	$2,375,051	$2,362,750	$2,350,449	$2,338,148	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$13,711	$13,642	$13,574	$13,506	$13,438	$13,370	$13,189	$13,121	$13,054	$12,986	$12,918	$12,851	$159,359
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$2,784	$2,770	$2,756	$2,743	$2,729	$2,715	$2,707	$2,693	$2,680	$2,666	$2,652	$2,638	$32,533
8. Investment Expenses														
a. Depreciation (e)		$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$12,301	$147,610
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$28,795	$28,713	$28,631	$28,549	$28,467	$28,385	$28,197	$28,116	$28,034	$27,953	$27,871	$27,790	$339,502

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Distribution														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	($20,503)	$0	$0	$0	$0	$0	$0	$0	($20,503)
b. Clearings to Plant		$0	$0	$0	$0	$20,503	$117,075	$0	$0	$0	$0	$32,505	$0	$170,083
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$3,406,962	$3,406,962	$3,406,962	$3,406,962	$3,406,962	$3,427,465	$3,544,540	$3,544,540	$3,544,540	$3,544,540	$3,544,540	$3,577,045	$3,577,045	
3a. Less: Accumulated Depreciation	$981,017	$986,000	$990,983	$995,967	$1,000,950	$1,005,948	$1,011,046	$1,016,230	$1,021,414	$1,026,598	$1,031,781	$1,036,989	$1,042,220	
4. CWIP Non-Interest Bearing	$170,083	$170,083	$170,083	$170,083	$170,083	$149,580	$32,505	$32,505	$32,505	$32,505	$32,505	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$2,596,028	$2,591,045	$2,586,062	$2,581,078	$2,576,095	$2,571,097	$2,565,999	$2,560,815	$2,555,631	$2,550,447	$2,545,264	$2,540,056	$2,534,825	
6. Average Net Investment		$2,593,536	$2,588,553	$2,583,570	$2,578,587	$2,573,596	$2,568,548	$2,563,407	$2,558,223	$2,553,039	$2,547,855	$2,542,660	$2,537,440	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$14,376	$14,349	$14,321	$14,293	$14,266	$14,238	$14,089	$14,060	$14,032	$14,003	$13,975	$13,946	$169,948
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$2,919	$2,914	$2,908	$2,902	$2,897	$2,891	$2,892	$2,886	$2,880	$2,874	$2,869	$2,863	$34,696
8. Investment Expenses														
a. Depreciation (e)		$4,983	$4,983	$4,983	$4,983	$4,998	$5,098	$5,184	$5,184	$5,184	$5,184	$5,208	$5,231	$61,203
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$22,279	$22,245	$22,212	$22,179	$22,161	$22,227	$22,165	$22,130	$22,096	$22,062	$22,051	$22,040	$265,847

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
General														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	$146,691	
3a. Less: Accumulated Depreciation	$37,593	$37,776	$37,960	$38,143	$38,326	$38,510	$38,693	$38,876	$39,060	$39,243	$39,426	$39,610	$39,793	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$109,098	$108,915	$108,732	$108,548	$108,365	$108,182	$107,998	$107,815	$107,632	$107,448	$107,265	$107,082	$106,898	
6. Average Net Investment		$109,007	$108,823	$108,640	$108,457	$108,273	$108,090	$107,907	$107,723	$107,540	$107,357	$107,173	$106,990	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$604	$603	$602	$601	$600	$599	$593	$592	$591	$590	$589	$588	$7,153
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$123	$122	$122	$122	$122	$122	$122	$122	$121	$121	$121	$121	$1,460
8. Investment Expenses														
a. Depreciation (e)		$183	$183	$183	$183	$183	$183	$183	$183	$183	$183	$183	$183	$2,200
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$910	$909	$908	$907	$905	$904	$898	$897	$896	$895	$893	$892	$10,814

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	($286,434)	$0	$0	$0	$2,530	$41,991	$195,285	$229,941	$333,906	$125,975	$0	$643,194
b. Clearings to Plant		$0	$286,434	$0	$0	$0	$0	$0	$0	$0	$425,728	$0	$556,688	$1,268,849
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$4,983,517	$4,983,517	$5,269,951	$5,269,951	$5,269,951	$5,269,951	$5,269,951	$5,269,951	$5,269,951	$5,269,951	$5,695,678	$5,695,678	$6,252,366	
3a. Less: Accumulated Depreciation	$770,353	$782,234	$794,461	$807,035	$819,609	$832,182	$844,756	$857,330	$869,903	$882,477	$895,466	$908,869	$922,793	
3b. Less: Capital Recovery Unamortized Balance	($888,453)	($877,839)	($867,224)	($856,610)	($845,995)	($835,381)	($824,767)	($814,152)	($803,538)	($792,924)	($782,309)	($771,695)	($761,081)	
4. CWIP Non-Interest Bearing	$0	$0	($286,434)	($286,434)	($286,434)	($286,434)	($283,904)	($241,913)	($46,628)	$183,313	$91,491	$217,466	($339,221)	
5. Net Investment (Lines 2 - 3 + 4)	$5,101,617	$5,079,121	$5,056,279	$5,033,091	$5,009,903	$4,986,715	$4,966,057	$4,984,860	$5,156,957	$5,363,710	$5,674,013	$5,775,970	$5,751,432	
6. Average Net Investment		$5,090,369	$5,067,700	$5,044,685	$5,021,497	$4,998,309	$4,976,386	$4,975,458	$5,070,909	$5,260,334	$5,518,862	$5,724,992	$5,763,701	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$28,216	$28,091	$27,963	$27,834	$27,706	$27,584	$27,346	$27,871	$28,912	$30,333	$31,465	$31,678	$344,999
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$5,730	$5,704	$5,678	$5,652	$5,626	$5,601	$5,613	$5,721	$5,935	$6,226	$6,459	$6,503	$70,449
8. Investment Expenses														
a. Depreciation (e)		$11,881	$12,228	$12,574	$12,574	$12,574	$12,574	$12,574	$12,574	$12,574	$12,989	$13,404	$13,923	$152,440
b. Amortization (f)		$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$10,614	$127,372
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$56,442	$56,637	$56,829	$56,675	$56,520	$56,374	$56,147	$56,780	$58,034	$60,162	$61,943	$62,719	$695,260

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
23 - SPCC - Spill Prevention, Control & Countermeasures														
Peaking														
1. Investments														
a. Expenditures/Additions		$57,253	$0	$5,255	$0	$0	$0	$0	$0	$0	$0	$0	$0	$62,508
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	$3,078,932	
3a. Less: Accumulated Depreciation	$1,305,659	$1,317,361	$1,329,063	$1,340,765	$1,352,467	$1,364,169	$1,375,871	$1,387,573	$1,399,275	$1,410,977	$1,422,679	$1,434,381	$1,446,083	
3b. Less: Capital Recovery Unamortized Balance	($1,097,801)	($1,084,770)	($1,071,738)	($1,058,706)	($1,045,675)	($1,032,643)	($1,019,612)	($1,006,580)	($993,549)	($980,517)	($967,486)	($954,454)	($941,423)	
4. CWIP Non-Interest Bearing	$276,713	$333,967	$333,967	$339,221	$339,221	$339,221	$339,221	$339,221	$339,221	$339,221	$339,221	$339,221	$339,221	
5. Net Investment (Lines 2 - 3 + 4)	$3,147,787	$3,180,307	$3,155,574	$3,136,095	$3,111,362	$3,086,628	$3,061,895	$3,037,161	$3,012,428	$2,987,694	$2,962,961	$2,938,227	$2,913,494	
6. Average Net Investment		$3,164,047	$3,167,940	$3,145,834	$3,123,728	$3,098,995	$3,074,261	$3,049,528	$3,024,794	$3,000,061	$2,975,327	$2,950,594	$2,925,861	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$17,538	$17,560	$17,438	$17,315	$17,178	$17,041	$16,761	$16,625	$16,489	$16,353	$16,217	$16,081	$202,595
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$3,561	$3,566	$3,541	$3,516	$3,488	$3,460	$3,440	$3,413	$3,385	$3,357	$3,329	$3,301	$41,357
8. Investment Expenses														
a. Depreciation (e)		$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$11,702	$140,423
b. Amortization (f)		$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$13,032	$156,378
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$45,833	$45,859	$45,712	$45,565	$45,400	$45,235	$44,935	$44,771	$44,607	$44,443	$44,279	$44,115	$540,754

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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23 - SPCC - Spill Prevention, Control & Countermeasures														
Transmission														
1. Investments														
a. Expenditures/Additions		($1,413)	$1,413	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	($297)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($297)
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$4,118,429	$4,118,429	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	$4,118,132	
3a. Less: Accumulated Depreciation	$445,391	$452,058	$458,724	$465,389	$472,055	$478,721	$485,387	$492,043	$498,709	$505,374	$512,040	$518,706	$525,372	
4. CWIP Non-Interest Bearing	$0	($1,413)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$3,673,038	$3,664,958	$3,659,409	$3,652,743	$3,646,077	$3,639,411	$3,632,746	$3,626,090	$3,619,424	$3,612,758	$3,606,092	$3,599,426	$3,592,761	
6. Average Net Investment		$3,668,998	$3,662,184	$3,656,076	$3,649,410	$3,642,744	$3,636,079	$3,629,418	$3,622,757	$3,616,091	$3,609,425	$3,602,759	$3,596,094	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$20,337	$20,300	$20,266	$20,229	$20,192	$20,155	$19,948	$19,911	$19,875	$19,838	$19,801	$19,765	$240,617
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$4,130	$4,122	$4,115	$4,108	$4,100	$4,093	$4,095	$4,087	$4,080	$4,072	$4,065	$4,057	$49,124
8. Investment Expenses														
a. Depreciation (e)		$6,666	$6,666	$6,666	$6,666	$6,666	$6,666	$6,656	$6,666	$6,666	$6,666	$6,666	$6,666	$79,981
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$31,134	$31,088	$31,047	$31,002	$30,958	$30,914	$30,699	$30,664	$30,620	$30,576	$30,532	$30,488	$369,721

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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24 - Manatee Reburn														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	$31,863,719	
3a. Less: Accumulated Depreciation	$12,957,135	$13,084,831	$13,212,527	$13,340,223	$13,467,920	$13,595,616	$13,723,312	$13,851,008	$13,978,704	$14,106,401	$14,234,097	$14,361,793	$14,489,489	
4. CWIP Non-Interest Bearing	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	
5. Net Investment (Lines 2 - 3 + 4)	$18,906,584	$18,778,888	$18,651,191	$18,523,495	$18,395,799	$18,268,103	$18,140,407	$18,012,710	$17,885,014	$17,757,318	$17,629,622	$17,501,926	$17,374,229	
6. Average Net Investment		$18,842,736	$18,715,039	$18,587,343	$18,459,647	$18,331,951	$18,204,255	$18,076,558	$17,948,862	$17,821,166	$17,693,470	$17,565,774	$17,438,077	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$104,446	$103,739	$103,031	$102,323	$101,615	$100,907	$99,352	$98,650	$97,948	$97,246	$96,544	$95,842	$1,201,643
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$21,209	$21,066	$20,922	$20,778	$20,634	$20,491	$20,394	$20,250	$20,106	$19,962	$19,818	$19,674	$245,303
8. Investment Expenses														
a. Depreciation (e)		$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$127,696	$1,532,354
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$253,352	$252,500	$251,649	$250,797	$249,946	$249,094	$247,442	$246,596	$245,750	$244,904	$244,058	$243,212	$2,979,301

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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26 - UST Remove/Replacement														
General														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	$115,447	
3a. Less: Accumulated Depreciation	$52,903	$53,047	$53,192	$53,336	$53,480	$53,625	$53,769	$53,913	$54,057	$54,202	$54,346	$54,490	$54,635	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$62,544	$62,399	$62,255	$62,111	$61,966	$61,822	$61,678	$61,534	$61,389	$61,245	$61,101	$60,956	$60,812	
6. Average Net Investment		$62,472	$62,327	$62,183	$62,039	$61,894	$61,750	$61,606	$61,461	$61,317	$61,173	$61,028	$60,884	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$346	$345	$345	$344	$343	$342	$339	$338	$337	$336	$335	$335	$4,085
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$70	$70	$70	$70	$70	$70	$70	$69	$69	$69	$69	$69	$834
8. Investment Expenses														
a. Depreciation (e)		$144	$144	$144	$144	$144	$144	$144	$144	$144	$144	$144	$144	$1,732
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$561	$560	$559	$558	$557	$556	$552	$551	$550	$550	$549	$548	$6,651

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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28 - CWA 316(b) Phase II Rule														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	$771,310	
3a. Less: Accumulated Depreciation	$45,515	$47,244	$48,973	$50,702	$52,431	$54,160	$55,889	$57,618	$59,347	$61,076	$62,805	$64,535	$66,264	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$725,795	$724,066	$722,337	$720,608	$718,879	$717,150	$715,421	$713,692	$711,963	$710,234	$708,505	$706,776	$705,047	
6. Average Net Investment		$724,931	$723,202	$721,473	$719,744	$718,014	$716,285	$714,556	$712,827	$711,098	$709,369	$707,640	$705,911	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$4,018	$4,009	$3,999	$3,990	$3,980	$3,970	$3,927	$3,918	$3,908	$3,899	$3,889	$3,880	$47,388
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$816	$814	$812	$810	$808	$806	$806	$804	$802	$800	$798	$796	$9,674
8. Investment Expenses														
a. Depreciation (e)		$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$1,729	$20,748
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$6,563	$6,552	$6,540	$6,529	$6,517	$6,506	$6,462	$6,451	$6,440	$6,428	$6,417	$6,405	$77,810

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$1,637,989	$159,296	$255,297	$109,413	$0	$0	$0	$0	$0	$2,161,995
b. Clearings to Plant		($0)	$92,532	$1,076,639	($1,169,171)	$0	$0	($268)	$0	$0	$0	$0	$1,797,285	$1,797,016
c. Retirements		$0	$0	$0	$0	$0	$0	($268)	$0	$0	$0	$0	$0	($268)
d. Other (a)		$0	$0	$0	$0	($43,439,531)	$0	$0	$0	$0	$0	$0	$0	($43,439,531)
2. Plant-In-Service/Depreciation Base (b)	$359,943,378	$359,943,378	$360,035,910	$361,112,549	$359,943,378	$359,943,378	$359,943,378	$359,943,110	$359,943,110	$359,943,110	$359,943,110	$359,943,110	$361,740,394	
3a. Less: Accumulated Depreciation	$65,990,209	$66,787,065	$67,584,011	$68,382,087	$69,180,073	$69,976,929	$70,773,786	$71,570,372	$72,367,225	$73,164,078	$73,960,931	$74,757,784	$75,556,375	
3b. Less: Capital Recovery Unamortized Balance	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	($43,439,531)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$1,637,989	$1,797,285	$2,052,582	$2,161,995	$2,161,995	$2,161,995	$2,161,995	$2,161,995	$364,710	
5. Net Investment (Lines 2 - 3 + 4)	$337,392,700	$336,595,843	$335,891,430	$336,169,993	$335,840,824	$335,203,264	$334,661,704	$333,974,263	$333,177,410	$332,380,557	$331,583,704	$330,786,851	$329,988,260	
6. Average Net Investment		$336,994,272	$336,243,637	$336,030,711	$336,005,409	$335,522,044	$334,932,484	$334,317,984	$333,575,836	$332,778,983	$331,982,130	$331,185,277	$330,387,555	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$1,867,979	$1,863,818	$1,862,638	$1,862,498	$1,859,818	$1,856,550	$1,837,464	$1,833,385	$1,829,006	$1,824,626	$1,820,247	$1,815,862	$22,133,893
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$379,321	$378,476	$378,236	$378,208	$377,664	$377,000	$377,178	$376,340	$375,441	$374,542	$373,643	$372,743	$4,518,792
8. Investment Expenses														
a. Depreciation (e)		$796,856	$796,946	$798,076	$797,986	$796,856	$796,856	$796,855	$796,853	$796,853	$796,853	$796,853	$798,590	$9,566,434
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$3,044,156	$3,039,240	$3,038,950	$3,038,692	$3,034,338	$3,030,407	$3,011,497	$3,006,579	$3,001,300	$2,996,022	$2,990,743	$2,987,196	$36,219,119

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Distribution														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	$1,313	
3a. Less: Accumulated Depreciation	$426	$429	$432	$435	$438	$440	$443	$446	$449	$452	$454	$457	$460	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$886	$884	$881	$878	$875	$872	$869	$867	$864	$861	$858	$855	$853	
6. Average Net Investment		$885	$882	$879	$877	$874	$871	$868	$865	$862	$860	$857	$854	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$5	$5	$5	$5	$5	$5	$5	$5	$5	$5	$5	$5	$58
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1	$1	$1	$1	$1	$1	$1	$1	$1	$1	$1	$1	$12
8. Investment Expenses														
a. Depreciation (e)		$3	$3	$3	$3	$3	$3	$3	$3	$3	$3	$3	$3	$34
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$9	$9	$9	$9	$9	$9	$9	$9	$9	$9	$8	$8	$103

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	$1,278,330	
3a. Less: Accumulated Depreciation	$208,356	$210,792	$213,227	$215,663	$218,098	$220,533	$222,969	$225,404	$227,840	$230,275	$232,711	$235,146	$237,582	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$1,069,974	$1,067,538	$1,065,103	$1,062,667	$1,060,232	$1,057,797	$1,055,361	$1,052,926	$1,050,490	$1,048,055	$1,045,619	$1,043,184	$1,040,748	
6. Average Net Investment		$1,068,756	$1,066,321	$1,063,885	$1,061,450	$1,059,014	$1,056,579	$1,054,143	$1,051,708	$1,049,273	$1,046,837	$1,044,402	$1,041,966	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$5,924	$5,911	$5,897	$5,884	$5,870	$5,857	$5,794	$5,780	$5,767	$5,754	$5,740	$5,727	$69,904
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1,203	$1,200	$1,198	$1,195	$1,192	$1,189	$1,189	$1,187	$1,184	$1,181	$1,178	$1,176	$14,271
8. Investment Expenses														
a. Depreciation (e)		$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$2,435	$29,225
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$9,563	$9,546	$9,530	$9,514	$9,498	$9,481	$9,418	$9,402	$9,386	$9,370	$9,354	$9,338	$113,401

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
31 - Clean Air Interstate Rule (CAIR) Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	$55,890,251	
3a. Less: Accumulated Depreciation	($23,703,096)	($23,490,331)	($23,277,566)	($23,064,801)	($22,852,035)	($22,639,270)	($22,426,505)	($22,213,740)	($22,000,974)	($21,788,209)	($21,575,444)	($21,362,679)	($21,149,914)	
3b. Less: Capital Recovery Unamortized Balance	($53,967)	($53,325)	($52,682)	($52,040)	($51,397)	($50,755)	($50,112)	($49,470)	($48,827)	($48,185)	($47,542)	($46,900)	($46,257)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$79,647,314	$79,433,906	$79,220,499	$79,007,091	$78,793,683	$78,580,275	$78,366,868	$78,153,460	$77,940,052	$77,726,645	$77,513,237	$77,299,829	$77,086,422	
6. Average Net Investment		$79,540,610	$79,327,202	$79,113,795	$78,900,387	$78,686,979	$78,473,572	$78,260,164	$78,046,756	$77,833,349	$77,619,941	$77,406,533	$77,193,125	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$440,898	$439,715	$438,532	$437,349	$436,167	$434,984	$430,130	$428,957	$427,784	$426,611	$425,439	$424,266	$5,190,833
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$89,531	$89,291	$89,050	$88,810	$88,570	$88,330	$88,293	$88,052	$87,812	$87,571	$87,330	$87,089	$1,059,729
8. Investment Expenses														
a. Depreciation (e)		$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$212,765	$2,553,183
b. Amortization (f)		$642	$642	$642	$642	$642	$642	$642	$642	$642	$642	$642	$642	$7,710
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$743,837	$742,414	$740,991	$739,567	$738,144	$736,721	$731,831	$730,417	$729,004	$727,590	$726,176	$724,763	$8,811,455

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
33 - MATS Project														
Base														
1. Investments														
a. Expenditures/Additions		($70,751)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	($70,751)
b. Clearings to Plant		($3,443,476)	$3,514,226	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$70,751
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$109,260,738	$105,817,263	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	$109,331,489	
3a. Less: Accumulated Depreciation	$27,669,247	$27,919,758	$28,170,352	$28,425,031	$28,679,710	$28,934,389	$29,189,068	$29,443,747	$29,698,426	$29,953,105	$30,207,784	$30,462,463	$30,717,142	
3b. Less: Capital Recovery Unamortized Balance	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	($84,067)	
4. CWIP Non-Interest Bearing	$70,755	$4	$4	$4	$4	$4	$4	$4	$4	$4	$4	$4	$4	
5. Net Investment (Lines 2 - 3 + 4)	$81,746,314	$77,981,576	$81,245,208	$80,990,529	$80,735,850	$80,481,171	$80,226,492	$79,971,813	$79,717,134	$79,462,455	$79,207,776	$78,953,097	$78,698,418	
6. Average Net Investment		$79,863,945	$79,613,392	$81,117,869	$80,863,190	$80,608,511	$80,353,832	$80,099,153	$79,844,474	$79,589,795	$79,335,116	$79,080,437	$78,825,758	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$442,691	$441,302	$449,641	$448,229	$446,818	$445,406	$440,238	$438,838	$437,438	$436,038	$434,639	$433,239	$5,294,516
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$89,895	$89,613	$91,306	$91,020	$90,733	$90,446	$90,368	$90,081	$89,793	$89,506	$89,219	$88,931	$1,080,910
8. Investment Expenses														
a. Depreciation (e)		$250,512	$250,594	$254,679	$254,679	$254,679	$254,679	$254,679	$254,679	$254,679	$254,679	$254,679	$254,679	$3,047,896
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$783,097	$781,508	$795,626	$793,928	$792,230	$790,531	$785,285	$783,597	$781,910	$780,223	$778,536	$776,849	$9,423,322

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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34 - St Lucie Cooling Water System Inspection & Maintenance														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)														
3a. Less: Accumulated Depreciation														
4. CWIP Non-Interest Bearing	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	
5. Net Investment (Lines 2 - 3 + 4)	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	
6. Average Net Investment		$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	$4,449,846	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$24,666	$24,666	$24,666	$24,666	$24,666	$24,666	$24,457	$24,457	$24,457	$24,457	$24,457	$24,457	$294,737
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$5,009	$5,009	$5,009	$5,009	$5,009	$5,009	$5,020	$5,020	$5,020	$5,020	$5,020	$5,020	$60,174
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$29,675	$29,675	$29,675	$29,675	$29,675	$29,675	$29,477	$29,477	$29,477	$29,477	$29,477	$29,477	$354,911

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
35 - Martin Plant Drinking Water System Compliance														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	$134,173	
3a. Less: Accumulated Depreciation	$30,605	$30,887	$31,169	$31,451	$31,732	$32,014	$32,296	$32,578	$32,859	$33,141	$33,423	$33,705	$33,986	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$103,568	$103,286	$103,004	$102,722	$102,440	$102,159	$101,877	$101,595	$101,313	$101,032	$100,750	$100,468	$100,186	
6. Average Net Investment		$103,427	$103,145	$102,863	$102,581	$102,300	$102,018	$101,736	$101,454	$101,173	$100,891	$100,609	$100,327	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$573	$572	$570	$569	$567	$565	$559	$558	$556	$555	$553	$551	$6,748
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$116	$116	$116	$115	$115	$115	$115	$114	$114	$114	$114	$113	$1,378
8. Investment Expenses														
a. Depreciation (e)		$282	$282	$282	$282	$282	$282	$282	$282	$282	$282	$282	$282	$3,381
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$971	$970	$968	$966	$964	$962	$956	$954	$952	$950	$948	$946	$11,507

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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35 - Martin Plant Drinking Water System Compliance														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	$101,218	
3a. Less: Accumulated Depreciation	$23,088	$23,301	$23,513	$23,726	$23,938	$24,151	$24,364	$24,576	$24,789	$25,001	$25,214	$25,426	$25,639	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$78,130	$77,917	$77,705	$77,492	$77,280	$77,067	$76,855	$76,642	$76,429	$76,217	$76,004	$75,792	$75,579	
6. Average Net Investment		$78,024	$77,811	$77,598	$77,386	$77,173	$76,961	$76,748	$76,536	$76,323	$76,111	$75,898	$75,685	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$432	$431	$430	$429	$428	$427	$422	$421	$419	$418	$417	$416	$5,091
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$88	$88	$87	$87	$87	$87	$87	$86	$86	$86	$86	$85	$1,039
8. Investment Expenses														
a. Depreciation (e)		$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$213	$2,551
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$733	$731	$730	$729	$727	$726	$721	$720	$718	$717	$715	$714	$8,681

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
36 - Low-Level Radioactive Waste Storage														
Base														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	$17,456,804	
3a. Less: Accumulated Depreciation	$2,502,548	$2,542,506	$2,582,465	$2,622,424	$2,662,383	$2,702,342	$2,742,300	$2,782,259	$2,822,218	$2,862,177	$2,902,136	$2,942,094	$2,982,053	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$14,954,256	$14,914,297	$14,874,338	$14,834,380	$14,794,421	$14,754,462	$14,714,503	$14,674,544	$14,634,586	$14,594,627	$14,554,668	$14,514,709	$14,474,750	
6. Average Net Investment		$14,934,277	$14,894,318	$14,854,359	$14,814,400	$14,774,441	$14,734,483	$14,694,524	$14,654,565	$14,614,606	$14,574,647	$14,534,689	$14,494,730	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$82,782	$82,560	$82,339	$82,117	$81,896	$81,674	$80,763	$80,544	$80,324	$80,105	$79,885	$79,665	$974,653
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$16,810	$16,765	$16,720	$16,675	$16,630	$16,585	$16,578	$16,533	$16,488	$16,443	$16,398	$16,353	$198,979
8. Investment Expenses														
a. Depreciation (e)		$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$39,959	$479,506
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$139,550	$139,284	$139,017	$138,751	$138,485	$138,218	$137,301	$137,036	$136,771	$136,506	$136,242	$135,977	$1,653,138

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
37 - DeSoto Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		$0	$1,062	$1,208	$5,083	$47	$0	$0	$0	$2,016	$2,016	$1,008	$0	$12,440
b. Clearings to Plant		($1,886)	($1,454)	$9,909	($32,614)	($5,129)	($5,547)	($17,386)	($4,150)	$0	($7,747)	$5,040	$0	($60,965)
c. Retirements		($1,886)	($1,454)	$0	($32,614)	($5,129)	($5,547)	($17,386)	($11,560)	$0	($7,747)	$0	$0	($83,324)
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$153,561,354	$153,559,468	$153,558,013	$153,567,922	$153,535,308	$153,530,179	$153,524,632	$153,507,246	$153,503,096	$153,503,096	$153,495,349	$153,500,389	$153,500,389	
3a. Less: Accumulated Depreciation	$52,081,935	$52,525,767	$52,969,983	$53,415,717	$53,828,725	$54,268,953	$54,708,658	$55,136,346	$55,569,663	$56,014,488	$56,451,501	$56,896,203	$57,340,913	
4. CWIP Non-Interest Bearing	$10	$10	$1,072	$2,280	$7,363	$7,410	$7,410	$7,410	($0)	$2,016	$4,032	($0)	($0)	
5. Net Investment (Lines 2 - 3 + 4)	$101,479,428	$101,033,711	$100,589,102	$100,154,485	$99,713,947	$99,268,637	$98,823,385	$98,378,310	$97,933,433	$97,490,625	$97,047,880	$96,604,185	$96,159,476	
6. Average Net Investment		$101,256,570	$100,811,406	$100,371,794	$99,934,216	$99,491,292	$99,046,011	$98,600,848	$98,155,872	$97,712,029	$97,269,252	$96,826,033	$96,381,831	
a. Average ITC Balance		$28,990,785	$28,868,719	$28,746,653	$28,624,587	$28,502,521	$28,380,455	$28,258,389	$28,136,323	$28,014,257	$27,892,191	$27,770,125	$27,648,059	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$611,952	$609,271	$606,621	$603,982	$601,314	$598,632	$585,104	$582,472	$579,846	$577,226	$574,604	$571,976	$7,103,002
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$121,471	$120,939	$120,412	$119,888	$119,358	$118,825	$118,380	$117,847	$117,315	$116,785	$116,254	$115,722	$1,423,196
8. Investment Expenses														
a. Depreciation (e)		$433,531	$433,484	$433,547	$433,435	$433,170	$433,065	$432,887	$432,690	$432,638	$432,573	$432,516	$432,523	$5,196,058
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$12,187	$146,244
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($160,395)	($1,924,740)
9. Total System Recoverable Costs (Lines 7 & 8)		$1,018,746	$1,015,486	$1,012,372	$1,009,098	$1,005,634	$1,002,315	$988,163	$984,801	$981,591	$978,376	$975,165	$972,012	$11,943,760

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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38 - Space Coast Next Generation Solar Energy Center														
Solar														
1. Investments														
a. Expenditures/Additions		$0	$0	$1,110	($871)	$0	$0	$0	$0	$0	$0	$0	$0	$239
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	($8,680)	($11,223)	($14,962)	$0	$0	$0	($34,865)
c. Retirements		$0	$0	$0	$0	$0	$0	($8,680)	($11,560)	($14,962)	$0	$0	$0	($35,202)
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$70,591,411	$70,591,411	$70,591,411	$70,591,411	$70,591,411	$70,591,411	$70,591,411	$70,582,731	$70,571,508	$70,556,546	$70,556,546	$70,556,546	$70,556,546	
3a. Less: Accumulated Depreciation	$23,056,153	$23,256,037	$23,455,921	$23,655,805	$23,855,688	$24,055,572	$24,255,456	$24,446,587	$24,634,671	$24,819,134	$25,018,435	$25,217,735	$25,417,036	
4. CWIP Non-Interest Bearing	$98	$98	$98	$1,208	$337	$337	$337	$337	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$47,535,356	$47,335,472	$47,135,588	$46,936,815	$46,736,060	$46,536,176	$46,336,293	$46,136,482	$45,936,837	$45,737,412	$45,538,111	$45,338,810	$45,139,510	
6. Average Net Investment		$47,435,414	$47,235,530	$47,036,201	$46,836,437	$46,636,118	$46,436,234	$46,236,387	$46,036,659	$45,837,124	$45,637,761	$45,438,461	$45,239,160	
a. Average ITC Balance		$12,438,795	$12,387,606	$12,336,417	$12,285,228	$12,234,039	$12,182,850	$12,131,661	$12,080,472	$12,029,283	$11,978,094	$11,926,905	$11,875,716	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$284,683	$283,485	$282,291	$281,094	$279,894	$278,697	$272,660	$271,484	$270,309	$269,135	$267,961	$266,788	$3,308,479
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$56,610	$56,372	$56,134	$55,896	$55,657	$55,419	$55,228	$54,990	$54,752	$54,514	$54,276	$54,039	$663,888
8. Investment Expenses														
a. Depreciation (e)		$195,492	$195,492	$195,492	$195,492	$195,492	$195,491	$195,419	$195,252	$195,033	$194,909	$194,909	$194,909	$2,343,381
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$4,392	$52,704
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($67,263)	($807,156)
9. Total System Recoverable Costs (Lines 7 & 8)		$473,913	$472,478	$471,046	$469,611	$468,172	$466,736	$460,436	$458,855	$457,223	$455,687	$454,275	$452,864	$5,561,296

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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39 - Martin Next Generation Solar Energy Center														
Intermediate														
1. Investments														
a. Expenditures/Additions		($1,781,021)	$71,071	$403,010	$129,180	$28,970	$151,170	$154,193	$151,170	$151,170	$151,170	$262,129	$151,170	$23,382
b. Clearings to Plant		$569,415	$61,820	$6,695	($95,126)	$95,461	$169,776	$47,979	$0	$0	$0	$0	$1,172,172	$2,028,192
c. Retirements		($1,335,220)	$0	$0	($95,126)	$0	$0	$0	$0	$0	$0	$0	$0	($1,430,346)
d. Other (a)		($22,956)	($9,668)	($50,264)	($24,333)	($24,724)	$0	$0	$0	$0	$0	$0	$0	($131,945)
2. Plant-In-Service/Depreciation Base (b)	$426,051,646	$426,621,061	$426,682,881	$426,822,005	$426,726,879	$426,822,340	$426,992,116	$427,040,095	$427,040,095	$427,040,095	$427,040,095	$427,040,095	$428,212,267	
3a. Less: Accumulated Depreciation	$114,083,425	$113,801,837	$114,869,514	$115,896,677	$116,854,539	$117,907,137	$118,984,777	$120,062,681	$121,140,644	$122,218,607	$123,296,571	$124,374,534	$125,453,904	
4. CWIP Non-Interest Bearing	$2,298,671	$517,650	$588,721	$991,730	$1,120,910	$1,149,881	$1,131,274	$1,237,489	$1,388,659	$1,539,829	$1,690,999	$1,953,128	$932,125	
5. Net Investment (Lines 2 - 3 + 4)	$314,266,891	$313,336,874	$312,402,088	$311,917,058	$310,993,250	$310,065,084	$309,138,613	$308,214,903	$307,288,110	$306,361,317	$305,434,523	$304,618,689	$303,690,489	
6. Average Net Investment		$313,801,882	$312,869,481	$312,159,573	$311,455,154	$310,529,167	$309,601,849	$308,676,758	$307,751,507	$306,824,713	$305,897,920	$305,026,606	$304,154,589	
a. Average ITC Balance		$86,221,201	$85,877,403	$85,533,605	$85,189,807	$84,846,009	$84,502,211	$84,158,413	$83,814,615	$83,470,817	$83,127,019	$82,783,221	$82,439,423	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$1,890,153	$1,884,384	$1,879,848	$1,875,342	$1,869,608	$1,863,867	$1,825,130	$1,819,519	$1,813,900	$1,808,281	$1,802,966	$1,797,648	$22,130,645
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$375,512	$374,374	$373,486	$372,604	$371,473	$370,340	$369,508	$368,377	$367,244	$366,112	$365,042	$363,971	$4,438,043
8. Investment Expenses														
a. Depreciation (e)		$1,027,033	$1,027,790	$1,027,872	$1,027,766	$1,027,767	$1,028,085	$1,028,349	$1,028,408	$1,028,408	$1,028,408	$1,028,408	$1,029,815	$12,338,110
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$49,555	$594,660
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($451,751)	($5,421,012)
9. Total System Recoverable Costs (Lines 7 & 8)		$2,890,502	$2,884,352	$2,879,010	$2,873,516	$2,866,652	$2,860,096	$2,820,790	$2,814,108	$2,807,357	$2,800,605	$2,794,221	$2,789,239	$34,080,447

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System														
Distribution														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	$1,417,015	
3a. Less: Accumulated Depreciation	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	$1,189,310	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	
6. Average Net Investment		$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	$227,705	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$1,262	$1,262	$1,262	$1,262	$1,262	$1,262	$1,252	$1,252	$1,252	$1,252	$1,252	$1,252	$15,082
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$256	$256	$256	$256	$256	$256	$257	$257	$257	$257	$257	$257	$3,079
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$1,518	$1,518	$1,518	$1,518	$1,518	$1,518	$1,508	$1,508	$1,508	$1,508	$1,508	$1,508	$18,161

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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41 - Manatee Temporary Heating System														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$36,256	$28	$431	$79	$4,439,770	$0	$0	$0	$0	$0	$0	$0	$4,476,564
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$453,549	$0	$0	$0	$0	$0	$0	$0	$453,549
2. Plant-In-Service/Depreciation Base (b)	$13,096,633	$13,132,888	$13,132,917	$13,133,348	$13,133,427	$17,573,197	$17,573,197	$17,573,197	$17,573,197	$17,573,197	$17,573,197	$17,573,197	$17,573,197	
3a. Less: Accumulated Depreciation	$4,246,609	$4,341,827	$4,437,249	$4,532,673	$4,628,098	$5,277,965	$5,474,285	$5,670,605	$5,866,926	$6,063,246	$6,259,566	$6,455,886	$6,652,206	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$8,850,024	$8,791,062	$8,695,667	$8,600,675	$8,505,329	$12,295,232	$12,098,912	$11,902,591	$11,706,271	$11,509,951	$11,313,631	$11,117,311	$10,920,991	
6. Average Net Investment		$8,820,543	$8,743,364	$8,648,171	$8,553,002	$10,400,280	$12,197,072	$12,000,752	$11,804,431	$11,608,111	$11,411,791	$11,215,471	$11,019,151	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$48,893	$48,465	$47,937	$47,410	$57,649	$67,609	$65,958	$64,879	$63,800	$62,721	$61,642	$60,563	$697,526
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$9,928	$9,842	$9,734	$9,627	$11,707	$13,729	$13,539	$13,318	$13,096	$12,875	$12,653	$12,432	$142,480
8. Investment Expenses														
a. Depreciation (e)		$95,218	$95,423	$95,424	$95,425	$196,318	$196,320	$196,320	$196,320	$196,320	$196,320	$196,320	$196,320	$1,952,048
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$154,039	$153,729	$153,095	$152,462	$265,674	$277,658	$275,817	$274,517	$273,216	$271,916	$270,615	$269,315	$2,792,055

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
41 - Manatee Temporary Heating System														
Transmission														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	
3a. Less: Accumulated Depreciation	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	$276,404	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
6. Average Net Investment		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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41 - Manatee Temporary Heating System														
Peaking														
1. Investments														
a. Expenditures/Additions	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant	$0	$19,549	$36	$0	$101	($4,439,156)	$0	$0	$0	$0	$0	$0	$0	($4,419,469)
c. Retirements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)	$0	$0	$0	$0	$0	($453,549)	$0	$0	$0	$0	$0	$0	$0	($453,549)
2. Plant-In-Service/Depreciation Base (b)	$4,419,469	$4,439,019	$4,439,055	$4,439,055	$4,439,156									
3a. Less: Accumulated Depreciation	$50,221	$150,886	$251,773	$352,660	$453,549	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$4,369,248	$4,288,133	$4,187,282	$4,086,395	$3,985,607	$0	$0	$0	$0	$0	$0	$0	$0	
6. Average Net Investment		$4,328,691	$4,237,708	$4,136,838	$4,036,001	$1,992,803	$0	$0	$0	$0	$0	$0	$0	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$23,994	$23,490	$22,931	$22,372	$11,046	$0	$0	$0	$0	$0	$0	$0	$103,833
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$4,872	$4,770	$4,656	$4,543	$2,243	$0	$0	$0	$0	$0	$0	$0	$21,085
8. Investment Expenses														
a. Depreciation (e)		$100,665	$100,887	$100,888	$100,889	$0	$0	$0	$0	$0	$0	$0	$0	$403,328
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$129,531	$129,147	$128,475	$127,803	$13,289	$0	$0	$0	$0	$0	$0	$0	$528,245

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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42 - Turkey Point Cooling Canal Monitoring Plan														
Base														
1. Investments														
a. Expenditures/Additions		$550,722	$350,772	$396,584	$1,096,833	($14,453,196)	$1,370,928	$874,486	$627,310	$380,000	$20,000	$20,000	$1,681,102	($7,084,460)
b. Clearings to Plant		$714,322	$0	$0	$0	$0	$0	$0	$377,717	$4,109,720	$0	$0	$0	$5,201,759
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$40,096,965	$40,811,287	$40,811,287	$40,811,287	$40,811,287	$40,811,287	$40,811,287	$40,811,287	$41,189,004	$45,298,724	$45,298,724	$45,298,724	$45,298,724	
3a. Less: Accumulated Depreciation	$3,321,476	$3,427,236	$3,534,089	$3,640,942	$3,747,794	$3,854,647	$3,961,500	$4,068,352	$4,175,698	$4,288,895	$4,407,453	$4,526,010	$4,644,567	
4. CWIP Non-Interest Bearing	$16,168,005	$16,718,726	$17,069,499	$17,466,083	$18,562,916	$4,109,720	$5,480,647	$6,355,133	$6,604,727	$2,875,007	$2,895,007	$2,915,007	$4,596,109	
5. Net Investment (Lines 2 - 3 + 4)	$52,943,494	$54,102,777	$54,346,697	$54,636,429	$55,626,409	$41,066,360	$42,330,435	$43,098,068	$43,618,033	$43,884,835	$43,786,278	$43,687,720	$45,250,265	
6. Average Net Investment		$53,523,136	$54,224,737	$54,491,563	$55,131,419	$48,346,384	$41,698,397	$42,714,252	$43,358,051	$43,751,434	$43,835,557	$43,736,999	$44,468,993	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$296,682	$300,571	$302,050	$305,597	$267,987	$231,137	$234,764	$238,303	$240,465	$240,927	$240,385	$244,409	$3,143,276
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$60,246	$61,035	$61,336	$62,056	$54,419	$46,936	$48,190	$48,917	$49,360	$49,455	$49,344	$50,170	$641,463
8. Investment Expenses														
a. Depreciation (e)		$105,760	$106,853	$106,853	$106,853	$106,853	$106,853	$106,853	$107,345	$113,198	$118,557	$118,557	$118,557	$1,323,092
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$462,688	$468,459	$470,238	$474,505	$429,258	$384,925	$389,807	$394,565	$403,023	$408,940	$408,287	$413,136	$5,107,831

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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42 - Turkey Point Cooling Canal Monitoring Plan														
Intermediate														
1. Investments														
a. Expenditures/Additions	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant	$0	$0	$0	$0	$0	$14,859,266	$0	$0	$0	$0	$0	$0	$0	$14,859,266
c. Retirements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)						$14,859,266	$14,859,266	$14,859,266	$14,859,266	$14,859,266	$14,859,266	$14,859,266	$14,859,266	
3a. Less: Accumulated Depreciation						$14,426	$43,278	$72,129	$100,981	$129,833	$158,685	$187,536	$216,388	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$0	$0	$0	$0	$0	$14,844,840	$14,815,988	$14,787,136	$14,758,285	$14,729,433	$14,700,581	$14,671,729	$14,642,878	
6. Average Net Investment		$0	$0	$0	$0	$7,422,420	$14,830,414	$14,801,562	$14,772,711	$14,743,859	$14,715,007	$14,686,155	$14,657,304	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$0	$0	$0	$0	$41,143	$82,206	$81,352	$81,193	$81,035	$80,876	$80,717	$80,559	$609,081
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$0	$0	$0	$0	$8,355	$16,693	$16,699	$16,667	$16,634	$16,601	$16,569	$16,536	$124,754
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$14,426	$28,852	$28,852	$28,852	$28,852	$28,852	$28,852	$28,852	$216,388
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$0	$0	$0	$0	$63,923	$127,751	$126,903	$126,711	$126,520	$126,329	$126,138	$125,947	$950,223

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
44 - Martin Plant Barley Barber Swamp Iron Mitigation														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	$93,890	
3a. Less: Accumulated Depreciation	$17,993	$18,190	$18,388	$18,585	$18,782	$18,979	$19,176	$19,373	$19,571	$19,768	$19,965	$20,162	$20,359	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$75,896	$75,699	$75,502	$75,305	$75,108	$74,910	$74,713	$74,516	$74,319	$74,122	$73,925	$73,727	$73,530	
6. Average Net Investment		$75,798	$75,601	$75,403	$75,206	$75,009	$74,812	$74,615	$74,418	$74,220	$74,023	$73,826	$73,629	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$420	$419	$418	$417	$416	$415	$410	$409	$408	$407	$406	$405	$4,949
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$85	$85	$85	$85	$84	$84	$84	$84	$84	$84	$83	$83	$1,010
8. Investment Expenses														
a. Depreciation (e)		$197	$197	$197	$197	$197	$197	$197	$197	$197	$197	$197	$197	$2,366
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$703	$701	$700	$699	$697	$696	$691	$690	$689	$688	$686	$685	$8,325

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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44 - Martin Plant Barley Barber Swamp Iron Mitigation Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	$70,829	
3a. Less: Accumulated Depreciation	$13,574	$13,723	$13,871	$14,020	$14,169	$14,318	$14,466	$14,615	$14,764	$14,913	$15,061	$15,210	$15,359	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$57,255	$57,106	$56,958	$56,809	$56,660	$56,511	$56,363	$56,214	$56,065	$55,916	$55,768	$55,619	$55,470	
6. Average Net Investment		$57,181	$57,032	$56,883	$56,734	$56,586	$56,437	$56,288	$56,140	$55,991	$55,842	$55,693	$55,545	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$317	$316	$315	$314	$314	$313	$309	$309	$308	$307	$306	$305	$3,733
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$64	$64	$64	$64	$64	$64	$64	$63	$63	$63	$63	$63	$762
8. Investment Expenses														
a. Depreciation (e)		$149	$149	$149	$149	$149	$149	$149	$149	$149	$149	$149	$149	$1,785
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$530	$529	$528	$527	$526	$525	$522	$521	$520	$519	$518	$517	$6,280

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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45 - 800 MW Unit ESP														
Intermediate														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	$63,759	
3a. Less: Accumulated Depreciation	$16,482	$16,887	$17,292	$17,697	$18,102	$18,506	$18,911	$19,316	$19,721	$20,126	$20,531	$20,936	$21,340	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
5. Net Investment (Lines 2 - 3 + 4)	$47,276	$46,872	$46,467	$46,062	$45,657	$45,252	$44,847	$44,442	$44,038	$43,633	$43,228	$42,823	$42,418	
6. Average Net Investment		$47,074	$46,669	$46,264	$45,859	$45,455	$45,050	$44,645	$44,240	$43,835	$43,430	$43,025	$42,620	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$261	$259	$256	$254	$252	$250	$245	$243	$241	$239	$236	$234	$2,971
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$53	$53	$52	$52	$51	$51	$50	$50	$49	$49	$49	$48	$606
8. Investment Expenses														
a. Depreciation (e)		$405	$405	$405	$405	$405	$405	$405	$405	$405	$405	$405	$405	$4,858
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$719	$716	$713	$711	$708	$705	$701	$698	$695	$693	$690	$687	$8,436

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
45 - 800 MW Unit ESP														
Peaking														
1. Investments														
a. Expenditures/Additions		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
b. Clearings to Plant		$0	$404,851	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$404,851
c. Retirements		$0	$404,851	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$404,851
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$107,963,814	$107,963,814	$108,368,665	$108,369,392	$108,369,392	$108,369,392	$108,369,392	$108,369,392	$108,369,392	$108,369,392	$108,369,392	$108,369,392	$108,369,392	
3a. Less: Accumulated Depreciation	($65,627,065)	($65,197,468)	($64,362,179)	($63,930,791)	($63,499,404)	($63,068,016)	($62,636,628)	($62,205,241)	($61,773,853)	($61,342,466)	($60,911,078)	($60,479,690)	($60,048,303)	
4. CWIP Non-Interest Bearing	($378)	($378)	($378)	($378)	($378)	($378)	($378)	($378)	($378)	($378)	($378)	($378)	($378)	
5. Net Investment (Lines 2 - 3 + 4)	$173,590,500	$173,160,904	$172,730,466	$172,299,805	$171,868,418	$171,437,030	$171,005,643	$170,574,255	$170,142,867	$169,711,480	$169,280,092	$168,848,705	$168,417,317	
6. Average Net Investment		$173,375,702	$172,945,685	$172,515,135	$172,084,112	$171,652,724	$171,221,336	$170,789,949	$170,358,561	$169,927,174	$169,495,786	$169,064,398	$168,633,011	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$961,032	$958,648	$956,262	$953,872	$951,481	$949,090	$938,689	$936,318	$933,947	$931,576	$929,205	$926,834	$11,326,952
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$195,152	$194,668	$194,183	$193,698	$193,212	$192,727	$192,685	$192,199	$191,712	$191,225	$190,738	$190,252	$2,312,450
8. Investment Expenses														
a. Depreciation (e)		$429,597	$430,438	$431,388	$431,388	$431,388	$431,388	$431,388	$431,388	$431,388	$431,388	$431,388	$431,388	$5,173,911
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$1,585,780	$1,583,754	$1,581,832	$1,578,958	$1,576,081	$1,573,204	$1,562,761	$1,559,904	$1,557,046	$1,554,188	$1,551,331	$1,548,473	$18,813,313

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
47 - NPDES Permit Renewal Requirements														
Base														
1. Investments														
a. Expenditures/Additions	0	$0	$0	$0	$0	$2,266	$80,000	$426,000	$426,000	$615,000	$123,000	$315,000	$315,000	$2,302,266
b. Clearings to Plant	0	$0	$0	$0	$0	$0	$0	$0	$0	$38,004	$0	$0	$0	$38,004
c. Retirements	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)	0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)										$38,004	$38,004	$38,004	$38,004	
3a. Less: Accumulated Depreciation										$114	$343	$572	$800	
4. CWIP Non-Interest Bearing	$0	$0	$0	$0	$0	$2,266	$82,266	$508,266	$934,266	$1,511,262	$1,634,262	$1,949,262	$2,264,262	
5. Net Investment (Lines 2 - 3 + 4)						$2,266	$82,266	$508,266	$934,266	$1,549,152	$1,671,923	$1,986,694	$2,301,466	
6. Average Net Investment						$1,133	$42,266	$295,266	$721,266	$1,241,709	$1,610,537	$1,829,309	$2,144,080	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$0	$0	$0	$0	$6	$234	$1,623	$3,964	$6,825	$8,852	$10,054	$11,784	$43,342
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$0	$0	$0	$0	$1	$48	$333	$814	$1,401	$1,817	$2,064	$2,419	$8,896
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$114	$229	$229	$229	$800
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$0	$0	$0	$0	$8	$282	$1,956	$4,778	$8,340	$10,897	$12,347	$14,432	$53,039

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
50 - Steam Electric Effluent Guidelines Revised Rules														
Base														
1. Investments														
a. Expenditures/Additions	$0	$0	$30,395	$32,458	$81,005	$66,088	$48,103	$48,103	$48,103	$48,103	$48,103	$48,103	$96,206	$594,768
b. Clearings to Plant	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,193,077	$1,193,077
c. Retirements	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)													$1,193,077	
3a. Less: Accumulated Depreciation													$1,387	
4. CWIP Non-Interest Bearing	$983,131	$983,131	$1,013,526	$1,045,984	$1,126,989	$1,193,077	$1,241,180	$1,289,282	$1,337,385	$1,385,488	$1,433,591	$1,481,693	$384,822	
5. Net Investment (Lines 2 - 3 + 4)	$983,131	$983,131	$1,013,526	$1,045,984	$1,126,989	$1,193,077	$1,241,180	$1,289,282	$1,337,385	$1,385,488	$1,433,591	$1,481,693	$1,576,512	
6. Average Net Investment		$983,131	$998,328	$1,029,755	$1,086,486	$1,160,033	$1,217,128	$1,265,231	$1,313,334	$1,361,437	$1,409,539	$1,457,642	$1,529,103	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$5,450	$5,534	$5,708	$6,022	$6,430	$6,747	$6,954	$7,218	$7,483	$7,747	$8,011	$8,404	$81,708
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$1,107	$1,124	$1,159	$1,223	$1,306	$1,370	$1,427	$1,482	$1,536	$1,590	$1,645	$1,725	$16,693
8. Investment Expenses														
a. Depreciation (e)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$1,387	$1,387
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$6,556	$6,658	$6,867	$7,245	$7,736	$8,117	$8,381	$8,700	$9,019	$9,337	$9,656	$11,516	$99,788

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

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	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
54 - Coal Combustion Residuals														
Base														
1. Investments														
a. Expenditures/Additions		$3,516,164	($2,840,848)	$1,724,261	$1,142,026	$1,361,035	$639,947	$639,947	$639,947	$639,947	$639,947	$639,947	$1,279,895	$10,022,217
b. Clearings to Plant		$0	$0	$0	$0	$0	$34,895,696	$0	$0	$0	$0	$0	$23,633,634	$58,529,330
c. Retirements		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Other (a)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
2. Plant-In-Service/Depreciation Base (b)	$46,922,718	$46,922,718	$46,922,718	$46,398,629	$46,398,629	$46,398,629	$81,294,324	$81,294,324	$81,294,324	$81,294,324	$81,294,324	$81,294,324	$104,927,958	
3a. Less: Accumulated Depreciation	$1,871,389	$1,979,044	$2,086,698	$2,194,352	$2,302,006	$2,409,661	$2,551,048	$2,726,167	$2,901,286	$3,076,405	$3,251,525	$3,426,644	$3,624,609	
3b. Less: Capital Recovery Unamortized Balance	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	($55,250)	
4. CWIP Non-Interest Bearing	$53,626,692	$57,142,856	$54,302,008	$56,026,269	$57,168,294	$58,529,330	$24,273,581	$24,913,529	$25,553,476	$26,193,423	$26,833,371	$27,473,318	$5,119,579	
5. Net Investment (Lines 2 - 3 + 4)	$98,733,270	$102,141,780	$99,193,278	$100,285,795	$101,320,167	$102,573,548	$108,072,108	$103,536,938	$104,001,764	$104,466,592	$104,931,421	$105,396,249	$106,478,178	
6. Average Net Investment		$100,437,525	$100,667,529	$99,739,537	$100,802,981	$101,946,857	$102,822,828	$103,304,522	$103,769,350	$104,234,178	$104,699,006	$105,163,835	$105,937,213	
7. Return on Average Net Investment														
a. Equity Component grossed up for taxes (c)(h)		$556,731	$558,006	$552,862	$558,757	$565,097	$569,953	$567,778	$570,333	$572,888	$575,442	$577,997	$582,248	$6,808,092
b. Debt Component (Line 6 x debt rate x 1/12) (d)(h)		$113,052	$113,311	$112,267	$113,464	$114,751	$115,737	$116,548	$117,073	$117,597	$118,121	$118,646	$119,518	$1,390,087
8. Investment Expenses														
a. Depreciation (e)		$107,654	$107,654	$107,654	$107,654	$107,654	$141,387	$175,119	$175,119	$175,119	$175,119	$175,119	$197,965	$1,753,220
b. Amortization (f)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
c. Dismantlement (g)		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
d. Property Expenses		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
e. Other		$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0
9. Total System Recoverable Costs (Lines 7 & 8)		$777,438	$778,972	$772,783	$779,875	$787,503	$827,077	$859,445	$862,525	$865,604	$868,683	$871,762	$899,731	$9,951,398

(a) Applicable to reserve salvage and removal cost
(b) Applicable beginning of period and end of period depreciable base by production plant name(s), unit(s), or plant account(s). See Form 42-8E, pages 68-70.
(c) The Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019
Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2020 Earning Surveillance Report and reflects a 10.55% return on equity.
(d) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for
the Jul. – Dec. 2020 period is 1.3538% based on the May 2019 Earning Surveillance Report.
(e) Applicable depreciation rate or rates. See Form 42-8E, pages 68-70.
(f) Applicable amortization period(s). See Form 42-8E, pages 68-70.
(g) Dismantlement only applies to Solar projects - DeSoto (37), NASA (38) & Martin (39).
(h) For solar projects the return on investment calculation is comprised of two parts:
Return on the Average Net Investment: See footnotes (b) and (c).
Return on the Average Unamortized ITC Balance:
Equity Component: Gross-up factor for taxes is 1/0.75478, which reflects the Federal Income Tax Rate of 21%; the Equity Component for the Jan. – Jun. 2020 period of 6.604% based on the May 2019 Earning Surveillance Report
and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period of 6.362% based on the May 2020 Earning Surveillance Report reflects a 10.55% return on equity.
Debt Component: the Debt Component for the Jan. – Jun. 2020 period of 1.661% based on the May 2019 Earning Surveillance Report and the Debt Component for the
Jul. – Dec. 2020 period of 1.657% based on the May 2020 Earning Surveillance Report.

FLORIDA POWER & LIGHT COMPANY
ENVIRONMENTAL COST RECOVERY CLAUSE
RETURN ON CAPITAL INVESTMENTS, DEPRECIATION AND TAXES

FORM: 42-8E

JANUARY 2020 THROUGH DECEMBER 2020

	Beginning of Period Amount	January Actual	February Actual	March Actual	April Actual	May Actual	June Estimated	July Estimated	August Estimated	September Estimated	October Estimated	November Estimated	December Estimated	Twelve Month Amount
1 Working Capital Dr (Cr)														
a. 158.100 Allowance Inventory	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
b. 158.200 Allowances Withheld	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
c. 182.300 Other Regulatory Assets-Losses	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
d 254.900Other Regulatory Liabilities-Gains	($242)	($235)	($228)	($220)	($220)	($227)	($227)	($219)	($212)	($205)	($197)	($190)	($183)	
2 Total Working Capital	($242)	($235)	($228)	($220)	($220)	($227)	($227)	($219)	($212)	($205)	($197)	($190)	($183)	
3 Average Net Working Capital Balance		($238)	($231)	($224)	($220)	($223)	($227)	($223)	($216)	($208)	($201)	($194)	($186)	
4 Return on Average Net Working Capital Balance														
a. Equity Component grossed up for taxes	($1)	($1)	($1)	($1)	($1)	($1)	($1)	($1)	($1)	($1)	($1)	($1)	($1)	
b. Debt Component	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	($0)	
5. Total Return Component	($2)	($2)	($2)	($1)	($1)	($1)	($2)	($1)	($1)	($1)	($1)	($1)	($1)	($17)
6. Expense Dr (Cr)														
a. 411.800 Gains from Dispositions of Allowances	($44)	($7)	($7)	($7)			($7)	($7)	($7)	($7)	($7)	($7)	($7)	
b. 411.900 Losses from Dispositions of Allowances	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
c. 509.000 Allowance Expense	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	$0	
7. Net Expense (Lines 6a+6b+6c)	($44)	($7)	($7)	($7)			($7)	($7)	($7)	($7)	($7)	($7)	($7)	($73)
8. Total System Recoverable Expenses (Lines 5+6)	($46)	($9)	($9)	($9)	($1)	($1)	($9)	($9)	($9)	($9)	($9)	($9)	($9)	

(a) The Gross-up factor for taxes is 1/0.74655, which reflects the Federal Income Tax Rate of 21%. The Equity Component for the Jan. – Jun. 2020 period is 5.0206%, based on May 2019 Earning Surveillance Report and reflects a 10.55% return on equity, and the Equity Component for the Jul. – Dec. 2020 period is 4.9781% based on the May 2019 Earning Surveillance Report and reflects a 10.55% return on equity.

(b) The Debt Component for the Jan. – Jun. 2020 period is 1.3507% is based on the May 2019 Earning Surveillance Report and the Debt Component for the Jul. – Dec. 2020 period is 1.3538% based on the May 2020 Earning Surveillance Report.

(c) Line 8a times Line 9

(d) Line 8b times Line 10

(e) Line 5 is reported on Capital Schedule

(f) Line 7 is reported on O&M Schedule

2020 Depreciation Schedule **FORM 42-8E**

Project	Class ID	Plant	Unit	Utility	DEPR RATE	Sum of Dec-19	Sum of Dec-20
002-LOW NOX BURNER TECHNOLOGY	02 - Steam Generation Plant	Turkey Pt	Turkey Pt U1	31200	0.00%	-	-
002-LOW NOX BURNER TECHNOLOGY Total						-	-
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	65,605	65,605
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U1	31100	1.74%	56,430	56,430
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	424,505	424,505
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U2	31100	1.83%	56,333	56,333
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	468,728	468,728
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Martin	Martin Comm	31670	7-Year	-	(4,473)
003-CONTINUOUS EMISSION MONITORING	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	515,653	515,653
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34300	8.25%	10,225	10,225
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%	365,000	365,000
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U3	34100	3.38%	6,098	6,098
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U3	34300	4.54%	71,939	71,939
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Ft Myers	FtMyers U3 SC Peaker	34300	3.04%	69,082	69,082
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Manatee	Manatee U3	34300	3.35%	87,691	87,691
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U3	34300	4.49%	615,919	615,469
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U4	34300	3.92%	598,036	598,036
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Martin	Martin U8	34300	3.37%	13,693	13,693
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford	Sanford U4	34300	4.00%	310,021	310,021
003-CONTINUOUS EMISSION MONITORING	05 - Other Generation Plant	Sanford	Sanford U5	34300	4.12%	273,035	273,035
003-CONTINUOUS EMISSION MONITORING Total						**4,007,994**	**4,003,071**
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	3,111,263	3,111,263
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	174,543	174,543
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	104,845	104,845
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	127,429	127,429
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	133,572	133,572
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	02 - Steam Generation Plant	Martin	Martin Comm U1&2	31100	2.52%	65,093	65,093
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34200	3.09%	898,111	898,111
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34200	4.73%	584,290	584,290
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34200	7.84%	133,479	133,479
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Ft Myers	FtMyers U3	34200	3.58%	18,616	18,616
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	05 - Other Generation Plant	Martin	Martin Comm U3&4	34200	2.42%	455,941	455,941
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS	08 - General Plant	General Plant	General Plant	39000	1.50%	5,837,840	8,224,667
005-MAINTENANCE OF ABOVE GROUND FUEL TANKS Total						**11,645,022**	**14,031,849**
007-RELOCATE TURBINE LUBE OIL PIPING	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32300	5.11%	31,030	31,030
007-RELOCATE TURBINE LUBE OIL PIPING Total						**31,030**	**31,030**
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	46,882	46,882
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Manatee	Manatee U1	31100	1.74%		52,481
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin	Martin Comm	31650	5-Year	227,249	263,879
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	02 - Steam Generation Plant	Martin	Martin Comm	31670	7-Year	298,813	258,350
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34100	2.20%	358,636	358,636
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Ft Myers	FtMyers U2	34100	2.34%		405,369
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Pt Everglades	PtEverglades U5	34100	2.64%	22,550	22,550
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	05 - Other Generation Plant	Sanford	Sanford Comm	34100	2.40%	15,922	15,922
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36670	2.00%	2,995	2,995
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT	08 - General Plant	General Plant	General Plant	39000	1.50%	4,413	4,413
008-OIL SPILL CLEANUP/RESPONSE EQUIPMENT Total						**977,460**	**1,431,477**
010-REROUTE STORMWATER RUNOFF	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	117,794	117,794
010-REROUTE STORMWATER RUNOFF Total						**117,794**	**117,794**
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31100	1.51%	524,873	524,873
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31200	2.23%	328,762	328,762
012-SCHERER DISCHARGE PIPELINE	02 - Steam Generation Plant	Scherer	Scherer Comm	31400	2.08%	689	689
012-SCHERER DISCHARGE PIPELINE Total						**854,324**	**854,324**
016-ST.LUCIE TURTLE NETS	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	6,909,559	6,909,559
016-ST.LUCIE TURTLE NETS Total						**6,909,559**	**6,909,559**
020-WASTEWATER/STORMWATER DISCH ELIMINATION	02 - Steam Generation Plant	Martin	Martin U1	31200	0.00%	-	-
020-WASTEWATER/STORMWATER DISCH ELIMINATION	02 - Steam Generation Plant	Martin	Martin U2	31200	0.00%	-	-
020-WASTEWATER/STORMWATER DISCH ELIMINATION Total						-	-
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	601,217	601,217
022-PIPELINE INTEGRITY MANAGEMENT	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	2,271,574	2,271,574
022-PIPELINE INTEGRITY MANAGEMENT Total						**2,872,791**	**2,872,791**
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	1,243,306	1,243,306
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	33,272	33,272
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee Comm	31500	2.34%	26,325	26,325
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	45,750	45,750
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	37,431	37,431
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	37,158	37,158
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32300	5.11%	712,225	712,225
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	St Lucie	StLucie U1	32400	3.20%	745,335	745,335
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	St Lucie	StLucie U2	32300	3.86%	552,390	552,390
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	990,124	990,124
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32570	7-Year	245,362	245,362
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34100	2.20%	189,219	189,219
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34200	3.09%	1,480,169	1,480,169
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34300	5.20%	28,250	28,250

2020 Depreciation Schedule **FORM 42-8E**

Project	Class ID	Plant	Unit	Utility	DEPR RATE	Sum of Dec-19	Sum of Dec-20
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34200	4.73%	513,250	513,250
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34100	7.40%	98,715	98,715
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34200	7.84%	629,983	629,983
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34500	7.77%	12,430	12,430
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers U2	34100	2.34%		425,728
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%	49,727	49,727
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers U3	34500	3.40%		12,430
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Ft Myers	FtMyers U3 SC Peaker	34500	3.40%	12,430	-
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Martin	Martin Comm U3&4	34100	2.24%	523,498	1,080,186
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Martin	Martin U8	34200	2.70%	84,868	84,868
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Pt Everglades	PtEverglades Comm	34200	2.90%	2,728,283	2,728,283
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Pt Everglades	PtEverglades U5	34200	2.90%		286,434
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	05 - Other Generation Plant	Sanford	Sanford Comm	34100	2.40%	288,383	288,383
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Radial-Retail	Radial-Retail	35200	1.70%	6,946	6,946
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35200	1.70%	1,142,640	1,142,640
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	2,903,187	2,902,891
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35800	1.87%	65,655	65,655
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	3,336,463	3,506,546
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36670	2.00%	70,499	70,499
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES	08 - General Plant	General Plant	General Plant	39000	1.50%	146,691	146,691
023-SPILL PREVENTION CLEAN-UP & COUNTERMEASURES Total						**18,979,966**	**20,418,601**
024-GAS REBURN	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	16,470,024	16,470,024
024-GAS REBURN	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	15,393,694	15,393,694
024-GAS REBURN Total						**31,863,719**	**31,863,719**
025-PPE ESP TECHNOLOGY	02 - Steam Generation Plant	Pt Everglades	PtEverglades U1	31100	0.00%	-	-
025-PPE ESP TECHNOLOGY	02 - Steam Generation Plant	Pt Everglades	PtEverglades U2	31100	0.00%	-	-
025-PPE ESP TECHNOLOGY	02 - Steam Generation Plant	Pt Everglades	PtEverglades U3	31100	0.00%	-	-
025-PPE ESP TECHNOLOGY	02 - Steam Generation Plant	Pt Everglades	PtEverglades U4	31100	0.00%	-	-
025-PPE ESP TECHNOLOGY Total						-	-
026-UST REPLACEMENT/REMOVAL	08 - General Plant	General Plant	General Plant	39000	1.50%	115,447	115,447
026-UST REPLACEMENT/REMOVAL Total						**115,447**	**115,447**
028-CWA 316B PHASE II RULE	05 - Other Generation Plant	Cape Canaveral	CapeCanaveral Comm	34100	2.69%	771,310	771,310
028-CWA 316B PHASE II RULE Total						**771,310**	**771,310**
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee Comm	31100	3.17%	102,052	102,052
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	20,059,060	20,059,060
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U1	31400	4.03%	7,240,124	7,240,124
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	20,457,354	20,457,354
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Manatee	Manatee U2	31400	3.72%	7,905,907	7,905,907
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	3,179,403	4,976,687
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31100	2.30%	82,366,984	82,366,984
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	254,475,936	254,475,936
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31400	1.89%	(94,224)	(94,224)
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31500	2.49%	19,615,426	19,615,426
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31600	1.88%	399,586	399,586
031-CLEAN AIR INTERSTATE RULE-CAIR	02 - Steam Generation Plant	Scherer	Scherer U4	31670	7-Year	268	-
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale GTs	34300	8.25%	110,242	110,242
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Ft Myers	FtMyers GTs	34300	8.22%	57,855	57,855
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34100	2.24%	699,143	699,143
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34300	2.56%	244,343	244,343
031-CLEAN AIR INTERSTATE RULE-CAIR	05 - Other Generation Plant	Martin	Martin Comm U3&4	34500	2.04%	292,499	292,499
031-CLEAN AIR INTERSTATE RULE-CAIR	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36500	2.57%	1,313	1,313
031-CLEAN AIR INTERSTATE RULE-CAIR Total						**417,113,272**	**418,910,287**
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%	(1,234,037)	(1,234,037)
033-CLEAN AIR MERCURY RULE-CAMR	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	110,494,775	110,565,526
033-CLEAN AIR MERCURY RULE-CAMR Total						**109,260,738**	**109,331,489**
034-PSL COOLING WATER SYSTEM INSPECTION & MAINTENANC	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%		-
034-PSL COOLING WATER SYSTEM INSPECTION & MAINTENANCE Total							-
035-MARTIN PLANT DRINKING WATER COMP	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	235,391	235,391
035-MARTIN PLANT DRINKING WATER COMP Total						**235,391**	**235,391**
036-LOW LEV RADI WSTE-LLW	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%	7,601,405	7,601,405
036-LOW LEV RADI WSTE-LLW	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	9,855,399	9,855,399
036-LOW LEV RADI WSTE-LLW Total						**17,456,804**	**17,456,804**
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34000	0.00%	255,507	255,507
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34100	3.49%	5,263,916	5,263,916
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34300	3.36%	115,292,583	115,297,623
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34500	3.65%	26,746,246	26,746,246
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34630	3-Year	15,749	7,279
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34650	5-Year	51,031	24,247
037-DE SOTO SOLAR PROJECT	05 - Other Generation Plant	Desoto	Desoto Solar	34670	7-Year	182,866	152,115
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35200	1.70%	7,427	7,427
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	1,004,027	1,004,027
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35310	2.64%	1,695,869	1,695,869
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35500	2.32%	394,418	394,418
037-DE SOTO SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35600	2.38%	191,358	191,358
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	540,994	540,994
037-DE SOTO SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	1.90%	1,890,938	1,890,938

2020 Depreciation Schedule **FORM 42-8E**

Project	Class ID	Plant	Unit	Utility	DEPR RATE	Sum of Dec-19	Sum of Dec-20
037-DE SOTO SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	28,426	28,426
037-DE SOTO SOLAR PROJECT Total						153,561,354	153,500,389
038-SPACE COAST SOLAR PROJECT	01 - Intangible Plant	Intangible Plant	Intangible Plant	30300	various	6,359,027	6,359,027
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34100	3.45%	3,893,263	3,893,263
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34300	3.30%	51,550,587	51,550,587
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34500	3.51%	6,126,699	6,126,699
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34650	5-Year	35,202	0
038-SPACE COAST SOLAR PROJECT	05 - Other Generation Plant	Space Coast	Space Coast Solar	34670	7-Year	-	337
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	2.04%	928,529	928,529
038-SPACE COAST SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35310	2.64%	1,328,699	1,328,699
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	1.75%	274,858	274,858
038-SPACE COAST SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	1.90%	62,689	62,689
038-SPACE COAST SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	31,858	31,858
038-SPACE COAST SOLAR PROJECT Total						70,591,411	70,556,546
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin	Martin U8	34300	3.37%	423,126	423,126
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34000	0.00%	216,844	216,844
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34100	2.99%	20,756,023	20,756,023
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34300	2.88%	398,729,596	400,842,239
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34500	2.99%	4,122,852	4,170,831
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34600	2.85%	56,448	56,448
039-MARTIN SOLAR PROJECT	05 - Other Generation Plant	Martin Solar	Martin Solar	34670	7-Year	138,981	138,981
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35500	2.32%	603,692	603,692
039-MARTIN SOLAR PROJECT	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35600	2.38%	364,159	364,159
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36660	1.42%	94,476	94,476
039-MARTIN SOLAR PROJECT	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36760	1.96%	2,728	2,728
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39220	10.00%	121,101	121,101
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39240	2.63%	332,682	332,682
039-MARTIN SOLAR PROJECT	08 - General Plant	General Plant	General Plant	39290	4.99%	88,938	88,938
039-MARTIN SOLAR PROJECT Total						426,051,646	428,212,267
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Cape Canaveral	CapeCanaveral Comm	34300	0.00%	4,042,459	4,042,459
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Dania Beach EC U7	Dania Beach EC U7	34300	44 mos.		7,927,191
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Ft Lauderdale	FtLauderdale Comm	34300	44 mos.	7,891,910	-
041-PRV MANATEE HEATING SYSTEM	05 - Other Generation Plant	Ft Myers	FtMyers U2	34300	3.46%	5,581,733	5,603,547
041-PRV MANATEE HEATING SYSTEM	06 - Transmission Plant - Electric	Transmission	Transmission Plant - Electric	35300	various	276,404	276,404
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36100	various	73,267	73,267
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36200	various	471,542	471,542
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36500	various	307,599	307,599
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36660	various	221,326	221,326
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36760	various	168,995	168,995
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36910	various	607	607
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36420	various	36,431	36,431
041-PRV MANATEE HEATING SYSTEM	07 - Distribution Plant - Electric	Distribution	Mass Distribution Plant	36410	various	137,247	137,247
041-PRV MANATEE HEATING SYSTEM Total						19,209,521	19,266,616
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32100	3.13%	39,915,222	44,402,659
042-PTN COOLING CANAL MONITORING SYS	03 - Nuclear Generation Plant	Turkey Pt	Turkey Pt Comm	32500	3.67%	181,743	896,065
042-PTN COOLING CANAL MONITORING SYS	05 - Other Generation Plant	Turkey Pt	Turkey Pt U5	34100	2.33%		14,859,266
042-PTN COOLING CANAL MONITORING SYS Total						40,096,965	60,157,990
044-Barley Barber Swamp Iron Mitiga	02 - Steam Generation Plant	Martin	Martin Comm	31100	2.52%	164,719	164,719
044-Barley Barber Swamp Iron Mitiga Total						164,719	164,719
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee Comm	31200	7.62%	153,660	153,660
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31200	4.64%	44,854,496	44,485,716
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31500	4.11%	4,524,074	4,524,074
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U1	31600	3.91%	1,021,918	1,021,918
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31200	4.99%	51,505,171	52,279,530
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31500	4.48%	4,793,798	4,793,798
045-800 MW UNIT ESP PROJECT	02 - Steam Generation Plant	Manatee	Manatee U2	31600	4.79%	1,174,454	1,174,454
045-800 MW UNIT ESP PROJECT Total						108,027,572	108,433,151
047-NPDES Permit Renewal Requiremnt	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32100	2.25%		-
047-NPDES Permit Renewal Requiremnt	03 - Nuclear Generation Plant	St Lucie	StLucie Comm	32300	7.22%		38,004
047-NPDES Permit Renewal Requiremnt Total							38,004
050-STEAM ELEC EFFLUENT GUIDELI REV	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%		1,193,077
050-STEAM ELEC EFFLUENT GUIDELI REV Total							1,193,077
054-COAL COMBUSTION RESIDUALS	02 - Steam Generation Plant	Scherer	Scherer Comm	31100	1.51%	208,650	208,650
054-COAL COMBUSTION RESIDUALS	02 - Steam Generation Plant	Scherer	Scherer Comm U3&4	31200	2.32%		58,529,330
054-COAL COMBUSTION RESIDUALS	02 - Steam Generation Plant	Scherer	Scherer U4	31200	2.79%	46,714,068	46,189,978
054-COAL COMBUSTION RESIDUALS Total						46,922,718	104,927,958
123-PROTECTED SPECIES PROJECT	05 - Other Generation Plant	Ft Myers	FtMyers U2	34100	2.34%	-	-
123-PROTECTED SPECIES PROJECT Total						-	-
Grand Total						1,487,447,141	1,575,805,658

FLORIDA POWER & LIGHT COMPANY **FORM 42-9E**
COST RECOVERY CLAUSES

Equity @ 10.55%

CAPITAL STRUCTURE AND COST RATES PER MAY 2019 EARNINGS SURVEILLANCE REPORT

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	10,490,880,245	28.119%	4.44%	1.25%	1.25%
SHORT_TERM_DEBT	669,988,433	1.796%	3.62%	0.06%	0.06%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	403,097,747	1.080%	2.11%	0.02%	0.02%
COMMON_EQUITY	17,554,936,062	47.053%	10.55%	4.96%	6.65%
DEFERRED_INCOME_TAX	7,870,776,333	21.096%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	319,453,350	0.856%	8.26%	0.07%	0.09%
TOTAL	$37,309,132,171	100.00%		6.37%	8.08%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)

	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	$10,490,880,245	37.41%	4.441%	1.661%	1.661%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	17,554,936,062	62.59%	10.550%	6.604%	8.846%
TOTAL	$28,045,816,308	100.00%		8.265%	10.507%
RATIO					

DEBT COMPONENTS:	
LONG TERM DEBT	1.2488%
SHORT TERM DEBT	0.0649%
CUSTOMER DEPOSITS	0.0228%
TAX CREDITS -WEIGHTED	0.0142%
TOTAL DEBT	**1.3507%**
EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	4.9641%
TAX CREDITS -WEIGHTED	0.0565%
TOTAL EQUITY	**5.0206%**
TOTAL	6.3713%
PRE-TAX EQUITY	6.7251%
PRE-TAX TOTAL	8.0758%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

FLORIDA POWER & LIGHT COMPANY **FORM 42-9E**
COST RECOVERY CLAUSES

Equity @ 10.55%

CAPITAL STRUCTURE AND COST RATES PER MAY 2020 EARNINGS SURVEILLANCE REPORT

	ADJUSTED RETAIL	RATIO	MIDPOINT COST RATES	WEIGHTED COST	PRE-TAX WEIGHTED COST
LONG_TERM_DEBT	12,539,092,665	30.643%	4.17%	1.28%	1.28%
SHORT_TERM_DEBT	462,827,285	1.131%	3.16%	0.04%	0.04%
PREFERRED_STOCK	0	0.000%	0.00%	0.00%	0.00%
CUSTOMER_DEPOSITS	420,293,246	1.027%	2.12%	0.02%	0.02%
COMMON_EQUITY	19,050,189,760	46.554%	10.55%	4.91%	6.51%
DEFERRED_INCOME_TAX	8,019,547,167	19.598%	0.00%	0.00%	0.00%
INVESTMENT_TAX_CREDITS					
ZERO COST	0	0.000%	0.00%	0.00%	0.00%
WEIGHTED COST	428,551,760	1.047%	8.02%	0.08%	0.11%
TOTAL	$40,920,501,883	100.00%		6.33%	7.95%

CALCULATION OF THE WEIGHTED COST FOR CONVERTIBLE INVESTMENT TAX CREDITS (C-ITC) (a)

	ADJUSTED RETAIL	RATIO	COST RATE	WEIGHTED COST	PRE TAX COST
LONG TERM DEBT	$12,539,092,665	39.69%	4.174%	1.657%	1.657%
PREFERRED STOCK	0	0.00%	0.000%	0.000%	0.000%
COMMON EQUITY	19,050,189,760	60.31%	10.550%	6.362%	8.429%
TOTAL	$31,589,282,425	100.00%		8.019%	10.086%
RATIO					

DEBT COMPONENTS:	
LONG TERM DEBT	1.2789%
SHORT TERM DEBT	0.0357%
CUSTOMER DEPOSITS	0.0218%
TAX CREDITS -WEIGHTED	0.0174%
TOTAL DEBT	**1.3538%**
EQUITY COMPONENTS:	
PREFERRED STOCK	0.0000%
COMMON EQUITY	4.9115%
TAX CREDITS -WEIGHTED	0.0666%
TOTAL EQUITY	**4.9781%**
TOTAL	6.3319%
PRE-TAX EQUITY	6.5954%
PRE-TAX TOTAL	7.9492%

Note:

(a) This capital structure applies only to Convertible Investment Tax Credit (C-ITC)

BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

FLORIDA POWER & LIGHT COMPANY

TESTIMONY OF MICHAEL W. SOLE

DOCKET NO. 20200007- EI

JULY 31, 2020

Q. Please state your name and address.

A. My name is Michael W. Sole and my business address is 700 Universe Boulevard, Juno Beach, Florida 33408.

Q. Have you previously filed testimony in this docket?

A. Yes.

Q. What is the purpose of your testimony in this proceeding?

A. The purpose of my testimony is to provide a status update for the Turkey Point Cooling Canal Monitoring Plan ("Cooling Canal") Project, addressing recent regulatory actions and environmental compliance activities undertaken by FPL pursuant to this Project. My testimony also presents for Commission review and approval a modification to the Cooling Canal Project.

Q. Have you prepared, or caused to be prepared under your direction, supervision, or control, any exhibits in this proceeding?

A. Yes. I am sponsoring the following exhibits:

- MWS-4 – 2015 Consent Agreement
- MWS-5 – June 2016 FDEP Consent Order
- MWS-6 – 2016 Consent Agreement Addendum

- MWS-7 - July 2020 Plan Submitted to FDEP
- MWS-8 - NPDES/IWW Permit Number FL0001562
- MWS-9 - April 13, 2020 Notice of Intent to Issue Permit

Q. Please summarize your testimony.

A. FPL continues to implement Commission-approved Cooling Canal Project activities and remains in compliance with all regulatory requirements. The 2016 Consent Order ("2016 CO") with the Florida Department of Environmental Protection ("FDEP") includes an annual average salinity threshold for the Turkey Point Cooling Canal System ("CCS") surface waters at or below 34 practical salinity units ("PSU") to be achieved by November 28, 2020. Although FPL's freshening actions have been effective in moderating CCS salinity, we expect the average annual salinity to be above 34 PSU by November 28, 2020. The 2016 CO contemplates additional measures might be needed to achieve the salinity threshold and provides a process for FPL to submit a plan detailing those measures by December 28, 2020. Ahead of that date, FPL has submitted a plan to FDEP detailing additional actions to achieve the 34 PSU threshold. FPL is also currently in the process of renewing its NPDES/IWW Permit for the Turkey Point facility. FDEP has noticed an intent to issue a permit, but two parties have filed administrative challenges, resulting in litigation concerning the issuance of the final permit. Since the NPDES/IWW permit is an integral piece of FPL's compliance with the 2016 CO, FPL is requesting the Commission approve a modification to the Cooling Canal project to include costs associated with litigating the NPDES/IWW permit challenges.

Cooling Canal Project Regulatory Compliance

Q. Please summarize FPL's regulatory compliance related to the Cooling Canal Project since your testimony in Docket No. 20170007-EI.

A. FPL has continued to move forward with compliance and implementation of actions associated with activities required under the 2015 Consent Agreement ("CA") with Miami-Dade County Department of Environmental Resource Management ("MDC DERM"), the 2016 CO, and the 2016 addendum to the CA. A copy of the CA is attached as Exhibit MWS-4, a copy of the 2016 CO is attached as Exhibit MWS-5, and a copy of the 2016 addendum to the CA is attached as Exhibit MWS-6. FPL has remained in compliance with all regulatory environmental requirements imposed by these agreements.

Q. What are the specific environmental objectives of the 2016 CO?

A. The three objectives of the 2016 CO are to cease discharges from the Cooling Canal System ("CCS") that impair the reasonable beneficial use of adjacent G-II groundwater to the west of the CCS, prevent releases of groundwater from the CCS to surface waters connected to Biscayne Bay that result in exceedances of surface water quality standards, and mitigate impacts related to historic operation of the CCS.

Q. Is FPL in compliance with all actionable items required in the 2016 CO?

A. Yes. FPL has substantially accomplished the objectives of the 2016 CO and continues successful execution on all requirements within it.

Q. Please describe the activities FPL has taken since 2016 to achieve compliance with the 2016 CO's objective to cease discharges from the CCS that impair the reasonable and beneficial use of adjacent G-II groundwaters.

A. Under the 2016 CO, FPL is required to achieve an average annual salinity of the CCS surface waters at or below 34 PSU by November 28, 2020, develop and submit a thermal efficiency plan, and implement a Recovery Well System ("RWS"). FPL has undertaken significant activities since 2016 to achieve compliance. FPL has licensed and constructed five low salinity Floridan aquifer freshening wells, including the water allocation, that add up to 14 million gallons per day ("MGD") of brackish water to the CCS to replace water lost to evaporation and reduce CCS salinity. These wells have positively impacted the CCS by moderating salinity concentrations. FPL has also taken actions to optimize our existing Floridan allocation, as allowed under the site license, by diverting up to 7 MGD of the unutilized portion of Turkey Point Units 1-5 Floridan process water allocation to the CCS to aid in salinity reduction. As a result of FPL's actions, including the freshening that began in 2016, salinity has been moderated in the CCS and the average annual salinity has been reduced by 31% since 2014.

In addition, FPL has been implementing the Thermal Efficiency Plan as required by the 2016 CO since it received FDEP's approval on July 7, 2017. The annual average thermal efficiency has been maintained above the target level of 70% since implementing the plan. The annual average thermal efficiency was 84.6%, 85.0% and 85.1% for years 2017, 2018 and 2019, respectively.

As required by the 2016 CO, FPL permitted and constructed a RWS, which became operational on May 15, 2018. After the first year of operations and based on the results of the first Continuous Surface Electromagnetic Mapping survey, the RWS reduced the hypersaline plume volume by 22%. The results indicate the RWS is functioning as designed and is on track to achieve the objectives outlined in the CO.

Q. The 2016 CO includes an average annual salinity threshold for the CCS surface waters at or below 34 PSU to be achieved by November 28, 2020. Does FPL expect to achieve this salinity threshold by that date?

A. No. While CCS annual salinity levels have been moderated due to freshening activities, at the current time, cooling canal salinity is not projected to meet the average annual salinity threshold of 34 PSU by November 28, 2020. The average annual salinity for the period June 1, 2019 through May 31, 2020 was 56.8 PSU. Currently, the average weekly salinity is 42.4 PSU for the week of July 19, 2020 - July 26, 2020 and the average salinity for the compliance year is 55.6 PSU (November 28, 2019 – July 26, 2020).

Q. Why is the salinity threshold not expected to be met?

A. Cooling canal salinity is affected by many factors. During the freshening timeframe since 2016, the cooling canals experienced lower than average rainfall, which resulted in CCS evaporation exceeding freshwater inputs (rainfall plus freshening) for numerous months each year. When evaporation exceeds freshwater inputs, CCS salinity increases.

Q. Are there other factors impacting the ability to meet the salinity threshold?

A. Yes, the original freshening model utilized data collected from 2010-2012, which was the best available data at the time the salinity management plan was developed. FPL now has a longer data record (2010-2019) that represents a wider range of hydrologic conditions. CCS salinity responses have shown that offsetting evaporative losses is more beneficial on a monthly basis, rather than on an annual average basis. Sufficient freshening volumes need to be provided to prevent dry season CCS salinity increases in order for wet season surpluses to decrease the net annual salinity.

Q. Does the 2016 CO address what FPL is required to do if the average annual salinity of the CCS surface waters is not at or below 34 PSU at the completion of the fourth year of freshening activities?

A. Yes. The CO recognizes that additional measures might be needed and provides a process to supplement CCS salinity reduction measures to achieve the salinity threshold. As set forth in the 2016 CO, within 30 days of the date to reach the required threshold (November 28, 2020), FPL must submit a plan to the FDEP detailing additional measures, and a timeframe for those measures, that FPL will implement to achieve the required salinity threshold.

Q. Since the salinity threshold is not expected to be met, what actions is FPL taking pursuant to the 2016 CO?

A. Ahead of the December 28, 2020 deadline, FPL has submitted a plan to FDEP outlining the actions FPL will take to achieve the threshold. The proposed activities include optimizing FPL's existing freshening wellfield operations and seeking an increase to the wellfield's water use allocation. As part of this process, FPL will

continue to work with FDEP and other agencies to further reduce CCS salinity, and additional measures may be developed as a result of this coordination. A copy of the plan is included as Exhibit MWS-7.

Q. Is it common for environmental remediation activities and costs to evolve over time?

A. Yes. Remediation practices rely on monitoring the actual responses in the environment to identify the level of success and, where applicable, when appropriate adjustments are needed. The ability to monitor and adjust remediation activities is an integral activity in ensuring projects meet environmental goals considering the numerous variables and assumptions inherent in the initial design.

Cooling Canal Project Background

Q. Has FPL submitted updates to the Commission regarding the scope and costs of the Cooling Canal Project since it was approved in Order No. PSC-2009-0759-FOF-EI?

A. Yes. Throughout the period since the Cooling Canal Project was approved, including in my current testimony, FPL has filed updates concerning the Cooling Canal Project. As required, FPL has annually filed all cost data concerning the project, including information relating to actual and estimated costs, and final true-up amounts. FPL has also filed project description and progress reports annually to provide the Commission with information concerning project accomplishments and expenditures. FPL also discussed regulatory actions and compliance activities related to the Cooling Canal Project at length in testimony filed in Docket Nos.

160007-EI and 20170007-EI. Finally, FPL provided an update to project costs and expenditures in Docket No. 20180007-EI.

Q. What is FPL's current estimate of 2020 costs associated with required Cooling Canal Project activities?

A. In 2020, FPL is projected to incur approximately $6.1 million in capital expenditures and $19.7 million in O&M expenses for the Cooling Canal Project.

Q. How much does FPL expect to spend on Cooling Canal Project compliance related to the additional actions needed to achieve the CCS salinity threshold?

A. Since the ultimate solution is yet to be determined, total projected costs are not known. The associated agencies will review proposals developed by FPL's consultants, and FPL and the agencies will work together to determine which plan is appropriate.

However, based on the actions identified in FPL's July 30, 2020 letter to DEP, preliminary estimates of capital investment costs associated with optimizing the existing freshening wellfield are $1.25 million. Preliminary estimates of capital investment costs associated with increasing the wellfield's water use allocation are $1.45 million. Preliminary O&M expenses are $10.5 million over the remaining approximately 30-year expected operation of the wellfield. Depending on what solution is ultimately selected and approved, FPL may incur additional costs associated with the design, permitting, testing, and implementation of that solution. FPL will provide updated estimates in its regular filings once they are available.

Q. Does the addition of costs related to activities linked to the plan increase the net overall projected cost of the Cooling Canal Project?

A. No, the net overall projected cost of the Cooling Canal Project as approved in Order No. PSC-2018-0014-FOF-EI has not increased.

National Pollution Discharge Elimination System/Industrial Wastewater Permit Renewal

Q. Does FPL hold environmental permits that apply to operation of the CCS?

A. Yes, the CCS is a permitted industrial wastewater ("IWW") facility. FPL is the permittee and operates the CCS under National Pollution Discharge Elimination System ("NPDES")/IWW Permit Number FL0001562. The Environmental Protection Agency ("EPA") issued the facility's initial permit on June 14, 1978. The Florida Department of Environmental Regulation (now FDEP) issued an IWW permit on October 15, 1982. These permits were combined following the delegation of the NPDES program to the FDEP on May 1, 1995. The permit has been timely renewed by the facility, as required, and the most current version of the permit was approved in 2005. A copy of the current permit is attached as Exhibit MWS-8.

Q. Is FPL currently in the process of applying for renewal of the NPDES/IWW permit for Turkey Point?

A. Yes, FPL is currently in the process of renewing its NPDES/IWW Permit for the Turkey Point facility. On October 22, 2009, prior to the expiration of the current permit, FPL timely filed its application for renewal of the permit. The permit

approved in 2005 has been administratively extended since 2010 while FPL's application for renewal is pending approval by FDEP.

Q. Please describe the status of the application.

A. On April 13, 2020 the FDEP noticed an intent to issue a permit for the Turkey Point facility, finding that, based upon the application and supplemental information, FPL provided reasonable assurances that the wastewater treatment and effluent disposal facilities at Turkey Point complied with the appropriate provisions of Chapter 403 of the Florida Statutes and Title 62 of the Florida Administrative Code (F.A.C.). A copy of the notice of intent to issue a permit is attached as Exhibit MWS-9. These provisions include a determination that the issuance of the permit will not impair the designated use of contiguous surface waters (see Exhibit MWS-8, Condition I.2).

On June 4, 2020, the Florida Keys Aqueduct Authority ("FKAA") and the Florida Keys Fishing Guides Association ("FKFGA") filed administrative petitions challenging the permit and requesting formal administrative hearing and denial of the permit. A hearing on those petitions is set for the two-week period starting January 19, 2021.

Q. Does the challenge of the NPDES/IWW Permit impact FPL's ability to comply with the 2016 CO?

A. Yes. The NPDES/IWW permit is an integral piece of FPL's compliance with the 2016 CO. The 2016 CO presumes continued authorization of the CCS. The proposed NPDES/IWW permit incorporates the 2016 CO remedial actions and

timelines related to retraction of the hypersaline plume as well as monitoring and reporting requirements. Specifically, the 2016 CO is the basis of the following conditions in the proposed NPDES/IWW permit being challenged:

- Condition I.1. cites 2016 CO requirements related to remedial actions and timelines for achieving compliance with groundwater minimum criteria of Rule 62-520.400, F.A.C.
- Condition I.2. cites 2016 CO requirements related to actions and timelines to prevent violations of subsection 62-520.310(2), F.A.C.
- Conditions II.B.4 and II.D.20 relate to monitoring requirements that are based on the methodology established in the 2016 CO
- Conditions VI.8, VI.9, and VI.10 require FPL to halt the westward migration of the hypersaline plume within three years and retract the plume to the L-31E canal within ten years as required by the 2016 CO
- Condition VIII.D.4 provides a reopener clause that allows FDEP to revise the permit to include certain provisions of the 2016 CO upon its completion

Q. Please describe the administrative challenges filed by FKAA and FKFGA.

A. FKAA and FKFGA are essentially attempting to re-litigate the 2016 CO. A finding by an administrative law judge in the pending permit challenge that FPL is impairing the beneficial use of surface water would impede FPL's ability to comply with the 2016 CO by opening up and allowing for a renewed legal challenge to and potential modification of the 2016 CO. The re-litigation of the 2016 CO could in turn result in the imposition of additional requirements on FPL under an "Amended CO" to perform additional actions associated with the CCS. This could result in

regulatory conflicts with the 2016 CO, which in turn could result in additional requirements and costs associated with the CCS and the Cooling Canal Project. Therefore, litigating the NPDES/IWW permit challenges is required in order to ensure compliance with the 2016 CO, while reducing risk for unnecessary and costly new requirements.

Q. Is FPL requesting a modification to the CCS Project?

A. Yes. Since litigating the NPDES/IWW permit challenges is required in order to remain in compliance with the 2016 CO, FPL is requesting the Commission approve a modification to the CCS project, to include costs associated with litigating the NPDES/IWW permit challenges.

Q. How much does FPL expect to spend on costs associated with the NPDES/IWW permit litigation?

A. FPL expects to incur approximately $1.8 million in O&M costs related to the NPDES/IWW permit litigation.

Q. Has FPL incurred any costs associated with the NPDES/IWW permit litigation?

A. Yes. FPL has incurred fees associated with the preparation for the litigation. However, FPL is seeking ECRC recovery only for costs associated with litigation activities performed after the date of this filing.

Q. Is FPL recovering the costs associated with the NPDES/IWW permit litigation activities through any other mechanism?

A. No.

Q. Does the addition of costs related to this litigation increase the net overall projected cost of the Cooling Canal Project?

A. No, the net overall projected cost of the Cooling Canal Project as approved in Order No. PSC-2018-0014-FOF-EI, has not increased.

Q. Does this conclude your testimony?

A. Yes.

MIAMI-DADE COUNTY, through its DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, DIVISION OF ENVIRONMENTAL RESOURCES MANAGEMENT,

Complainant,

v.

FLORIDA POWER & LIGHT COMPANY,

Respondent.
_____/

CONSENT AGREEMENT

This Consent Agreement, entered into by and between the Complainant, MIAMI-DADE COUNTY, through its DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, DIVISION OF ENVIRONMENTAL RESOURCES MANAGEMENT ("DERM"), and the Respondent FLORIDA POWER & LIGHT COMPANY ("FPL"), pursuant to Section 24-7(15)(c) of the Code of Miami-Dade County, shall serve to redress alleged violations of Chapter 24 of the Code of Miami-Dade County located near, surrounding, or in the vicinity of the Cooling Canal System located at Turkey Point on FPL's property, as further described herein, in Miami-Dade County, Florida.

DERM and FPL enter into the following Consent Agreement:

FINDINGS OF FACT

1. DERM is a division of Miami-Dade County, a political subdivision of the State of Florida, which is empowered to control and prohibit pollution and protect the environment within Miami-Dade County pursuant to Article VIII, Section 6 of the Florida Constitution, the Miami-Dade County Home Rule Charter and Section 403.182 of the Florida Statutes.

2. Florida Power & Light Company ("FPL") is the owner and operator of the Turkey Point Power Plant, and FPL is the owner and operator of approximately a 5,900-acre network of unlined canals (the "Cooling Canal System" or "CCS") on the FPL property described in the map in Exhibit A (the "Property").

3. In 1971, FPL signed a Consent Decree with the U.S. Department of Justice that required the construction, after permitting, of a closed-loop cooling configuration, with no discharge to surface waters.

4. The Florida Department of Pollution Control (later to become the Florida Department of Environmental Protection), in 1971, issued Construction Permit No. IC-1286 for the CCS. In 1972, Dade County issued Zoning Use Permit No. W-49833 for the excavation of the proposed Alternate Cooling Water Return Canal. FPL represents that in 1973, the construction of the CCS was completed; and the CCS was closed from the surface waters of both Biscayne Bay and Card Sound, becoming a closed-loop system.

5. An approximate 18 foot deep interceptor ditch located along the west side of the CCS was designed and constructed to create a hydraulic barrier to keep water in the CCS from migrating inland or westward.

6. In 1972, FPL entered into an agreement with the Central and Southern Florida Flood Control District (later to become the South Florida Water Management District or "District") addressing the operations and impacts of the CCS. The agreement has been updated several times, with the most recent version being the Fifth Supplemental Agreement between the District and FPL entered into on October 16, 2009 ("Fifth Supplemental Agreement") which included an extensive monitoring program for the CCS, entitled the Turkey Point Plant Groundwater, Surface Water and Ecological Monitoring Plan ("2009 Monitoring Plan"), incorporated as Exhibit A of the Fifth Supplemental Agreement.

7. In a letter dated April 16, 2013, the District notified FPL of their determination that saline water from the CCS has moved westward of the L-31E Canal in excess of those amounts that would have occurred without the existence of the CCS, and pursuant to the provisions of the Fifth Supplemental Agreement, initiated consultation with FPL for the mitigation, abatement or remediation of the saline water movement.

8. DERM issued a Notice of Violation dated October 2, 2015 (the "NOV") to FPL, alleging violations of Chapter 24 of the Code of Miami-Dade County, for alleged violations of County water quality standards and criteria in groundwater attributable to FPL's actions, and specifically for groundwaters outside the boundaries of FPL's Cooling Canal System and beyond the boundaries of the Property.

9. The phrase "hypersaline water" as used herein is defined as water that exceeds 19,000 mg/L chlorides.

10. DERM maintains there is hypersaline water attributable to FPL's actions in the groundwaters outside the boundaries of the Property, which exceeds County water quality standards and criteria. FPL acknowledges the presence of hypersaline water in certain areas outside the boundaries of the Property. For waters that do not reach the level of hypersalinity, DERM and FPL do not agree on the applicable "background" standards for chlorides.

11. In 2013 and 2014, FPL experienced water quality issues within the CCS, including increases in temperature and salinity, and FPL sought approvals from various regulatory agencies for actions to improve the water quality within the CCS.

12. DEP issued an Administrative Order, No. 14-0741, on December 23, 2014, requiring FPL to, among other things, reduce and maintain the annual average salinity of the CCS at a practical salinity of 34, and that Administrative Order is currently the subject of an Administrative Hearing.

13. Both DERM and FPL agree and acknowledge that it would be beneficial to improve the water quality within the Cooling Canal System itself, and FPL has already undertaken some efforts to improve the CCS water quality.

14. This Consent Agreement requires FPL to take action to address the County's alleged violations of County water quality standards and criteria in groundwaters outside the CCS as described in the NOV. As part of these actions, this Consent Agreement also requires FPL to take into account its efforts to improve CCS water quality and the potential and actual impacts of such actions on water resources outside the CCS, to not cause or contribute to (i) the exacerbation of alleged violations of County water quality standards or criteria or (ii) future violations of County water quality standards or criteria in the groundwaters or surface waters outside the CCS.

15. FPL hereby agrees to the terms of this Consent Agreement without admitting the allegations made by the above-mentioned NOV.

16. In an effort to expeditiously resolve this matter and to ensure compliance with Chapter 24 of the Code of Miami-Dade County, and to avoid time consuming and costly litigation, the parties hereto agree to the following, and it is ORDERED:

REQUIREMENTS

17. FPL shall undertake the following activities to specifically address water quality impacts associated with the CCS, as alleged in the NOV. The objective of this Consent Agreement will be for FPL to demonstrate a statistically valid reduction in the salt mass and volumetric extent of hypersaline water (as represented by chloride concentrations above 19,000 mg/L) in groundwater west and north of FPL's property without creating adverse environmental impacts. A further objective of this Consent Agreement is to reduce the rate of, and, as an ultimate goal, arrest migration of hypersaline groundwater. Recognizing other factors beyond FPL's control may influence movement of groundwater in the surficial aquifer, FPL shall reasonably take into account such factors when developing and implementing remedial actions to minimize the timeframe for achieving compliance with this Consent Agreement.

a. Abatement.

i. DERM acknowledges that FPL is planning to undertake the following:

1. pursue permitting, construction and operation of up to six Upper Floridan Aquifer System wells in accordance with the Site Certification Modification that is the subject of DOAH Case No. 15-1559EPP.

2. continue the use of the existing marine wells (SW-1, SW-2, and PW-1) as a short term resource to lower and maintain salinities. FPL shall work to avoid the use of the marine wells, except under extraordinary circumstances.

3. continue operation of the authorized L-31E canal pumps as a short term resource only, in accordance with the terms and conditions of the applicable approvals. FPL acknowledges that the use of water from the L-31E canal is intended only as a short term resource to lower CCS salinity. FPL anticipates the need for this resource for the next two years to reduce salinity as it transitions into the long term resources that are intended to maintain the lower salinity in the CCS. FPL acknowledges that additional regulatory

approvals will be required for continuation of this activity beyond the expiration of the existing approvals.

ii. FPL shall evaluate alternative water sources to offset the CCS water deficit and reduce chloride concentration in the CCS, and as a means of abating the westward movement of CCS groundwater. FPL will consider the practicality and appropriateness of using reclaimed wastewater from the Miami-Dade County South District Waste Water Treatment Plant as an alternative water source. FPL will provide DERM a summary of its Alternative Water Supply plan within 180 days of executing the Consent Agreement. FPL recognizes the importance and potential for reuse water, and FPL will make good faith efforts to implement the use of reuse water where practicable.

iii. FPL shall also conduct a review of the Interceptor Ditch operations to determine if current design and/or operations can be practicably modified to improve its function recognizing the current status of the CCS and surrounding wetlands. FPL will provide a summary of its Interceptor Ditch Review within 180 days of executing the Consent Agreement.

iv. The alternative water sources and any modifications to Interceptor Ditch design or operation shall be authorized through the appropriate regulatory processes and shall be demonstrated to not create adverse impacts to surface waters, groundwater, wetland or other environmental resources consistent with the Fifth Supplemental Agreement.

b. Remediation. FPL shall develop and implement the following actions to intercept, capture, contain, and retract hypersaline groundwater (groundwater with a chloride concentration of greater than 19,000 mg/L) to the Property boundary to achieve the objectives of this Consent Agreement.

i. Phase 1. FPL shall design, permit, and construct a Biscayne Aquifer Recovery Well System (RWS) based on the results of a variable density dependent groundwater model which shall be sufficient to support the design of the RWS to intercept, capture, and contain the hypersaline plume; support authorization through the appropriate regulatory processes; and demonstrate that it will not create adverse

impacts to groundwater, wetland (hydroperiod or water-stage), or other environmental resources. Final operation and design will be informed by an Aquifer Performance Test (APT). FPL shall provide its design and supporting information for the Recovery Well System and associated monitoring wells for DERM review and approval within 180 days of executing the Consent Agreement. FPL shall proceed with implementation within one year of executing the Consent Agreement, subject to regulatory timelines not in FPL's control. The initial design will be based on up to 12 MGD disposal capacity recognizing existing on-site capability. Efficacy of this design constraint will be reviewed in Phases 2, 3, and 4.

ii. Phase 2. FPL shall operate the RWS in accordance with all local, state, and federal regulatory requirements, collect data as required by the monitoring program, and employ the data to inform and reduce the uncertainty of the groundwater model. Status and efficacy of the system operation in meeting the objectives of this Consent Agreement and results of continued groundwater model refinement will be provided in the annual reports required in Paragraph 17d.

iii. Phase 3. After five years, FPL shall evaluate the effectiveness of the RWS in achieving the goal to intercept, capture, contain, and ultimately retract the hypersaline groundwater plume. This evaluation shall include estimated milestones and be based on the results of the monitoring data and refined groundwater/surfacewater model, which will be submitted to DERM. If the analysis indicates that the RWS is not anticipated to achieve the goal to intercept, capture, contain, and ultimately retract the hypersaline groundwater plume, FPL shall make recommendations for modifications to the project components and/or designs to ensure the ability of the system to achieve the objectives of the Consent Agreement. The evaluation and any proposed revisions shall be submitted to DERM for review and approval.

iv. Phase 4. After ten years, FPL shall review the results of the activities and progress to achieve the objectives of this Consent Agreement, and this evaluation shall be submitted to DERM. If monitoring demonstrates that the activities are not achieving the objectives of this Consent Agreement, FPL shall revise the project components and/or designs to ensure the ability of the system to achieve the objectives of this

Consent Agreement. The proposed revisions shall be submitted to DERM for review and approval.

c. Regional Hydrologic Improvement Projects. In addition, FPL agrees to undertake the following:

i. Raise control elevations in the Everglades Mitigation Bank. Within 30 days of the effective date of this Consent Agreement, FPL shall raise the control elevations of the FPL Everglades Mitigation Bank ("EMB") culvert weirs to no lower than 0.2 feet lower than the 2.4 foot trigger of the S-20 structure and shall maintain this elevation. After the first year of operation, FPL shall evaluate the change in control elevation, in regards to improvements in salinity, water quality, and lift in the area, and if FPL determines that the change in control elevations is not effective, or that FPL is negatively impacted in receiving mitigation credits as a result of this action, FPL will consult with DERM and propose potential alternatives.

ii. Fill portions of the Model Lands North Canal within the Everglades Mitigation Bank. Within 30 days of the effective date of the Consent Agreement, FPL shall seek all necessary regulatory approvals to place excavated fill from the adjoining roadway into the Model Lands North Canal within FPL's Everglades Mitigation Bank. Upon issuance of such regulatory approvals, FPL shall, starting on the east end, fill the Model Lands North Canal. This Consent Agreement only requires FPL to fill to the extent the fill is available from the adjoining roadway permitted to be degraded.

iii. If the District determines that flowage easements are needed from FPL in order to increase the operational stages of the S-20 water control structure as planned and approved by CERP, FPL agrees to provide such flowage easements for FPL owned land within the Everglades Mitigation Bank, in favor of the District within six months of the determination.

iv. FPL acknowledges the benefit of hydrologic restoration projects contemplated by the Comprehensive Everglades Restoration Project ("CERP"), as well as other government entities, adjacent and to the west of the CCS in controlling movement of hypersaline and saline waters in the Biscayne Aquifer. FPL commits to working with

local, state and federal agencies to facilitate implementation of these projects to promote improved hydrologic conditions.

d. Monitoring and Reporting. FPL shall conduct monitoring to evaluate the progress made in achieving the objectives of this Consent Agreement. This includes actions that result from satisfying the abatement, remediation and hydrologic improvement components of this Consent Agreement. FPL shall initiate the monitoring and reporting requirements identified below within 30 days of executing the Consent Agreement. The monitoring shall include the following:

i. FPL shall facilitate DERM access to all data from continuous electronically monitored stations.

ii. FPL shall continue to provide monthly and quarterly reports substantially consistent with those required in M-D Class I permit CLI-2014-0312, beyond the expiration of the permit.

iii. FPL shall employ Continuous Surface Electromagnetic Mapping (CSEM) methods to assess the location and orientation of the hypersaline plume west and north of the CCS.

iv. FPL shall add three groundwater monitoring clusters (shallow, mid and deep) to monitor groundwater conditions in the model lands basin. The well clusters shall be similar in design and function to existing groundwater monitoring wells in the region as part of the CCS monitoring program, and shall be geographically located in consultation with DERM.

v. FPL shall submit annual reports providing an evaluation of progress in achieving the objectives of this Consent Agreement, status of implementing projects identified above, and the results of monitoring to determine the impacts of these activities. Recommendations for refinements to the activities will be included in the annual report. This may include deletions of monitoring that is demonstrated to no longer be needed, or additional monitoring that is warranted based on observations.

SAFETY PRECAUTIONS

18. FPL shall maintain the subject property during the pendency of this Consent Agreement in a manner which shall not pose a hazard or threat to the public at large or the environment and shall not cause a nuisance or sanitary nuisance as set forth in Chapter 24 of the Code of Miami-Dade County, Florida.

VIOLATION OF REQUIREMENTS

19. This Consent Agreement constitutes a lawful order of the DERM Director and is enforceable in a civil court of competent jurisdiction. Violation of any requirement of this Consent Agreement may result in enforcement action by DERM. Each violation of any of the terms and conditions of this Consent Agreement by FPL shall constitute a separate offense.

SETTLEMENT COSTS

20. FPL hereby certifies that it has the financial ability to comply with the terms and conditions herein and to comply with the payment of settlement costs specified in this Agreement.

21. DERM has determined that due to the administrative costs incurred by DERM for this matter, a settlement of $30,000.00 is appropriate. FPL shall, within sixty (60) days of the effective date of this Consent Agreement, submit to DERM a check in the amount of $30,000.00 for full settlement payment. The payment shall be made payable to Miami-Dade County and sent to the Division of Environmental Resources Management, c/o Barbara Brown, 701 NW 1st Court, 6th Floor, Miami, FL 33136-3912.

22. In the event that FPL fails to submit, modify, implement, obtain, provide, operate and/or complete those items listed in paragraph 17 herein, FPL shall pay DERM a civil penalty of one hundred dollars ($100.00) per day for each day of non-compliance and FPL may be subject to enforcement action in a court of competent jurisdiction for such failure pursuant to those provisions set forth in Chapter 24 of the Code of Miami-Dade County. Any such payments shall be made by FPL to DERM within ten days of receipt of written notification and shall be sent to the Division of Environmental Resources Management, 701 NW 1st Court, 6th Floor, Miami, FL 33136-3912.

GENERAL PROVISIONS

23. FPL shall allow any duly authorized representative of DERM, with reasonable notification, to enter and inspect the CCS, Floridan wells, extraction wells, or any other relevant facilities, at any reasonable time for the purpose of ascertaining the state of compliance with the terms and conditions of this Consent Agreement. DERM shall comply with the plant safety and security precautions. FPL shall provide and maintain a point of contact at the Turkey Point Power Plant to assist DERM in accessing the facilities to be inspected.

24. On a quarterly basis (January, April, July, and October), DERM may collect surface and/or groundwater samples at the discretion of DERM at various monitoring locations in accordance with monitoring referenced in Paragraph 17 above.

25. FPL and DERM agree to cooperate and use best efforts moving forward related to this Consent Agreement.

26. Disputes related to or arising out of this Consent Agreement shall be construed consistent with the laws of the State of Florida and the United States, as applicable, and shall be filed in the state or federal courts of the State of Florida, as appropriate. Proceedings shall take place exclusively in the Circuit Court for Miami-Dade County, Florida or the United States District Court for the Southern District of Florida.

27. In consideration of the complete and timely performance by FPL of the obligations contained in this Consent Agreement, DERM waives its rights to seek judicial imposition of damages or civil penalties for the matters alleged in Notice of Violation and Consent Agreement.

28. Where FPL cannot meet timetables or conditions due to circumstances beyond FPL's control, FPL shall provide written documentation to DERM which shall substantiate that the cause(s) for delay or non-compliance was not reasonably in FPL's control. DERM shall make a determination of the reasonableness of the delay for the purpose of continued enforcement pursuant to paragraph 22 of this Consent Agreement.

29. DERM expressly reserves the right to initiate appropriate legal action to prevent or prohibit future violations of applicable laws, regulations, and ordinances or the rules promulgated thereunder.

30. Entry of this Consent Agreement does not relieve FPL of the responsibility to comply with applicable federal, state or local laws, regulations, and ordinances.

31. FPL acknowledges that this Consent Agreement is within the jurisdiction of Miami-Dade County. Nothing in this Consent Agreement is intended to expand, nor shall this Consent Agreement be construed to expand, the regulatory authority or jurisdiction of Miami-Dade County.

32. This Consent Agreement shall neither be evidence of a prior violation of this Chapter nor shall it be deemed to impose any limitation upon any investigation or action by DERM in the enforcement of Chapter 24 of the Code of Miami-Dade County.

33. This Consent Agreement shall become effective upon the date of execution by the DERM Director, or the Director's designee.

October 6, 2015
Date

Eric E. Silagy
President & CEO
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408
Respondent

Before me, the undersigned authority, personally appeared Eric Silagy, who after being duly sworn, deposes and says that they have read and agreed to the foregoing.

Subscribe and sworn to before me this 6th day of October, 2015 by Eric Silagy (name of affiant).

Personally known ✓ or Produced Identification _____.
(Check one)

Type of Identification Produced: _____.

LISA GROVE
MY COMMISSION # FF 154741
EXPIRES: December 14, 2016
Bonded Thru Budget Notary Services

Lisa Grove
Notary Public Signature

Lisa Grove
Notary Public Printed Name

DO NOT WRITE BELOW THIS LINE – GOVERNMENT USE ONLY

OCT 7, 2015
Date

Lee N. Hefty, DERM Director
Miami-Dade County

Witness

Barbara Brown
Witness


Exhibit A
FPL Turkey Point Property Boundary
for Purposes of Consent Agreement (~9000 acres)
0
0.5
1
2
Miles
2015_FPL_TP_facility_bnd90K.mxd - October 6, 2015

BEFORE THE STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION v. FLORIDA POWER & LIGHT COMPANY,	)	IN THE OFFICE OF THE SOUTHEAST DISTRICT OGC FILE NO. 16-0241

CONSENT ORDER

This Consent Order ("Order") is entered into between the State of Florida Department of Environmental Protection ("Department") and Florida Power & Light Company ("Respondent" or "FPL") to reach settlement of certain matters at issue between the Department and Respondent.

The Department finds:

1. The Department is the administrative agency of the State of Florida having the power and duty to protect Florida's air and water resources and to administer and enforce the provisions of Chapter 403, Florida Statutes ("F.S."), and the rules promulgated and authorized in Title 62, Florida Administrative Code ("F.A.C."). The Department has jurisdiction over the matters addressed in this Order.

2. FPL is a "person" as defined under Section 403.031(5), F.S.

3. FPL owns and operates a cooling canal system ("CCS"), an approximately 5,900-acre network of unlined canals at Turkey Point Power Plant. FPL began construction of the CCS in 1972. Turkey Point originally obtained cooling water for the facility by drawing surface water from an intake channel connected to Biscayne Bay, and discharging that water, after it had been heated, into Biscayne Bay and Card Sound through a series of discharge canals. In 1971, FPL entered into a Final Judgment with the U.S. Department of Justice that required the permitting, construction, operation, and maintenance of a closed-loop cooling canal configuration with limitations on makeup and blowdown water.

4. FPL is the permittee and operates the CCS under National Pollutant Discharge Elimination System/Industrial Wastewater Permit Number FL0001562 (the "Permit"). This Permit is issued pursuant to the federal NPDES program and Florida industrial wastewater permitting program. The Permit authorizes wastewater discharges from the generating units through two internal outfalls into the CCS. The Permit does not authorize direct discharges to surface waters of the state. The Permit authorizes discharges from the CCS into Class G-III groundwater which is part of the surficial aquifer system. Condition IV.1 of the Permit provides that discharges to groundwater shall not cause a violation of the minimum criteria for ground water specified in Rules 62-520.400, F.A.C. and 62-520.430, F.A.C. Rule 62-520.400, F.A.C., provides that discharges to ground water shall not impair the reasonable and beneficial use of adjacent waters, either ground or surface.

5. Turkey Point Power Plant Units 3 through 5 are licensed under the Florida Power Plant Siting Act, Chapter 403, Part II, F.S. Those units operate in accordance with the conditions of certification in their license, PA 03-45. Condition of Certification X requires FPL to execute a 5th Supplemental Agreement with the South Florida Water Management District ("SFWMD") and to revise FPL's monitoring obligations, which resulted in the Turkey Point Plant Groundwater, Surface Water and Ecological Monitoring Plan, as amended, ("2009 Monitoring Plan") incorporated as Exhibit A to the Fifth Supplemental Agreement between the South Florida Water Management District and FPL entered on October 16, 2009.

6. Historical data show that, when the CCS was constructed in the 1970's, saline water had already intruded inland along the coast due to many factors such as freshwater withdrawals, drought, drainage and flood control structures, and other human activities. To date, the relative contributions of the different factors toward westward movement of the saltwater interface have not been fully identified.

7. FPL provided information on action they have already taken on several fronts to address the broader regional risks and the many causes of saltwater intrusion. In 2010, FPL installed a gated culvert approximately 3.8 miles inland of Biscayne Bay in the Card Sound Road Canal to eliminate an unrestricted inland conveyance of saltwater from the bay. Also, in 2014, FPL installed a broad, fix crested weir in the S-20 Discharge Canal to prevent the historic migration of bay saltwater up to the S-20 Canal.

8. The phrase "hypersaline water/plume" as used in this Order means water that exceeds 19,000 mg/L chlorides. The term "saltwater interface" ("SWI") as used in this Order means the intersection of class G-II and G-III groundwaters.

9. The CCS includes an approximately 18 foot deep interceptor ditch along the western edge of the CCS. As approved and constructed, the interceptor ditch system has been effective at restricting the westward movement of the saline water from the CCS in the upper portion of the aquifer but has not restricted the westward movement of saline waters into the deeper portions of the aquifer. Saline water from the CCS has moved, at depth, westward of the L-31E Canal in excess of those amounts that would have occurred without the existence of the CCS.

10. The Department issued an Administrative Order (OGC No. 14-0741) to FPL related to the CCS at Turkey Point on December 23, 2014 and made final by an Order of the Department issued on April 21, 2016. The Administrative Order requires FPL to reduce the salinity in the CCS. This Consent Order supersedes all of the requirements of that Administrative Order.

11. FPL conducted or implemented dredging, vegetation control, water stage management, and chemical additives to the CCS to maintain the thermal efficiency of the system and to control salinity and temperature.

12. Elevated salinity levels in the CCS cause, or at a minimum contribute to, the hypersaline discharges into the groundwater. Reducing the CCS surface water salinity from an elevated base salinity condition will require certain measures such as a greater

addition of relatively fresher water, removal of salt mass from the CCS, and management of CCS inflows and outflows. Ambient weather factors, such as precipitation amounts, temperatures, and regional water levels can also affect CCS salinity levels.

13. On October 7, 2015, FPL entered into a Consent Agreement with Miami-Dade County to resolve a Notice of Violation from the County dated October 2, 2015. Pursuant to paragraph 17 of the Consent Agreement, the objective is for FPL to demonstrate a statistically valid reduction in the salt mass and volumetric extent of the hypersaline water (as represented by chloride concentrations above 19,000 mg/L) in groundwater west and north of FPL's property without creating adverse environmental impacts. A further objective of the Consent Agreement is to reduce the rate of and, as an ultimate goal, arrest migration of hypersaline groundwater.

14. On April 25, 2016, the Department issued a Notice of Violation (OGC File No.: 16-0241) ("NOV") to FPL stating that the CCS is the major contributing cause to the continuing westward movement of the saline water interface, and that the discharge of hypersaline water contributes to saltwater intrusion. In the NOV, the Department found that saltwater intrusion into the area west of the CCS is impairing the reasonable and beneficial use of adjacent G-II groundwater in that area. FPL has operated the CCS under regulatory approvals, and the Department has not previously issued FPL either a Warning Letter or a Notice of Violation concerning FPL's operation of the CCS.

15. On April 25, 2016, the Department issued a Warning Letter, #WL 16-000151W13SED, to FPL concerning sampling events that indicated that ground water

originating from beneath the CCS is reaching tidal surface waters connected to Biscayne Bay in artificial deep channels immediately adjacent to the CCS. The Warning Letter requested that FPL provide facts to assist in determining whether any violations of Florida law have occurred.

16. The NOV directed FPL to enter into consultations to develop a consent order to, at a minimum, remediate the CCS contribution to the hypersaline plume, reduce the size of the hypersaline plume, and prevent future harm to waters of the State. FPL entered into consultations with the Department as required by the Orders for Corrective action in the NOV. The consultations resulted in resolutions to address the violations alleged in the NOV and issues raised in the Warning Letter, as memorialized in this Order.

17. On May 16, 2016, FPL submitted to the Department the nutrient monitoring results from certain surface water monitoring stations in deep channels adjacent to the CCS for total nitrogen, total phosphorous, TKN, and chlorophyll a. The Department reviewed the information by FPL and determined that no exceedances of surface water quality standards were detected in Biscayne Bay monitoring. This Order is intended to minimize the potential for future exceedances.

18. This Order and FPL's compliance with the requirements set forth in this Order address issues identified in the Department's Warning Letter, Administrative Order and NOV.

Respondent and the Department mutually agree and it is

ORDERED:

19. The first objective of this Order is for FPL to cease discharges from the CCS that impair the reasonable and beneficial use of the adjacent G-II ground waters to the west of the CCS in violation of Condition IV.1 of the Permit and Rule 62-520.400, F.A.C. FPL shall accomplish this first objective by undertaking freshening activities as authorized in the Turkey Point site certification, by eliminating the CCS contribution to the hypersaline plume, by maintaining the average annual salinity of the CCS at or below 34 Practical Salinity Units ("PSU"), by halting the westward migration of hypersaline water from the CCS, and by reducing the westward extent of the hypersaline plume to the L-31E within 10 years, thereby removing its influence on the saltwater interface, without creating adverse environmental impacts. The second objective of this Order is for FPL to prevent releases of groundwater from the CCS to surface waters connected to Biscayne Bay that result in exceedances of surface water quality standards in Biscayne Bay. FPL shall accomplish this second objective primarily by undertaking restoration projects in the Turtle Point Canal and Barge Basin area. The third objective of this Order is for FPL to provide mitigation for impacts related to the historic operation of the CCS, including but not limited to the hypersaline plume and its influence on the saltwater interface.

20. To achieve the first objective of this Order, FPL shall:

a. Achieve a CCS average annual salinity of at or below 34 PSU ("threshold") at the completion of the fourth year of freshening activities, which are authorized by the Turkey Point site certification modification. If FPL fails to reach an annual average salinity of at or below 34 PSU by the end of the fourth year of freshening activities, within 30 days of failing to reach the required threshold, FPL shall submit a plan to the Department detailing additional measures, and a timeframe, that FPL will implement to achieve the threshold. Subsequent to attaining the threshold in the manner set forth above, if FPL fails more than once in a 3 year period to maintain an average annual salinity of at or below 34 PSU, FPL shall submit, within 60 days of reporting the average annual salinity, a plan containing additional measures that FPL shall implement to achieve the threshold salinity level.

b. Submit a thermal efficiency plan within 180 days of the effective date of the Order that shall include a detailed description for the CCS to achieve a minimum of 70 percent thermal efficiency. This efficiency plan shall address water stage management, vegetation control, dredging, chemical additives to the CCS for facility operation, and upset recovery. FPL shall implement the efficiency plan within 90 days of being instructed to do so by the Department.

c. Implement a remediation project that shall include a recovery well system that will halt the westward migration of hypersaline water from the CCS within 3 years and reduce the westward extent of the hypersaline plume to the L-31E canal within 10 years without adverse environmental impacts.

i. Within 30 days of the effective date of this Order, provide the Department with available detailed plans for this remediation project, including supporting data, that are designed to halt the westward migration of the hypersaline plume within 3 years of commencement of the remediation project and retract the hypersaline plume to the L-31E canal within 10 years of the commencement of the remediation project. Location, volume and movement of the hypersaline plume shall be determined by Continuous Surface Electromagnetic Mapping ("CSEM") technology as detailed below.

ii. Apply for appropriate regulatory approvals within 90 days of the effective date of this Order and begin construction of this remediation project within 30 days after receipt of all necessary regulatory approvals. FPL shall advise the Department of any modifications to the submitted plans that result from regulatory reviews. FPL shall commence the operation of this remediation project upon completion of construction. FPL shall provide the Department with written notice of the date FPL commenced operation of this remediation project.

iii. For determining compliance, the westward migration of the hypersaline plume shall be deemed halted if the third CSEM survey shows no net increase in hypersaline water volume and no net westward movement in the leading edge of the hypersaline plume.

iv. To ensure overall remediation objectives are attained in a timely manner, if the second CSEM survey indicates that the net westward migration of

the hypersaline plume is not being halted, then, within 180 days of the second CSEM survey, FPL shall develop and submit for approval to the Department a plan with specific actions to achieve the objectives of the remediation project. If the third CSEM survey still indicates the net westward migration of the hypersaline plume has not halted, FPL shall implement the approved additional measures within 30 days after submittal of the third CSEM report to the Department.

v. At the conclusion of the fifth year of operation of the remediation project, FPL shall evaluate and report to the Department, within 60 days, the effectiveness of the system in retracting the hypersaline plume to the L-31E canal within 10 years. If this report shows the remediation project will not retract the hypersaline plume to the L-31E canal within 10 years due to adverse environmental impacts of remedial measures or other technical issues, FPL shall provide an alternate plan for Department review and approval. FPL shall begin implementing the alternate plan within 30 days of receipt of notice that the alternate plan has been approved.

21. To achieve the second objective of this Order, FPL shall:

a. Complete Barge Basin and Turtle Point Canal restoration projects within 2 years of receiving the final regulatory approval. Within 60 days of the effective date of this Order, FPL shall provide the Department with a detailed plan and design of the restoration projects to prevent releases of groundwater from the CCS to surface waters connected to Biscayne Bay that result in exceedances of surface water quality standards in Biscayne Bay. Not more than 90 days after the effective date of this Order,

FPL shall prepare and submit permit applications to relevant regulatory agencies (including the Department, the United States Army Corp of Engineers, and Miami-Dade County, as necessary) to address the restoration of the Turtle Point Canal and Barge Basin. Project success shall be based on full project completion and monitoring results of surface water sampling sites TPBBSW-4, TPBBSW-10, and TPBBSW-7T.

b. Within 90 days of the effective date of this Order, submit a detailed report outlining the potential sources of the nutrients found in the CCS, including chemical products used for plant operations. The report shall include a plan for minimizing nutrient levels in the CCS, which shall be implemented within 90 days after being instructed to do so by the Department.

c. Within 120 days of the effective date of this Order, conduct a thorough inspection of the CCS periphery including all dams, dikes, berms, and appurtenant structures using sound engineering judgment and best practices. FPL shall submit a detailed report to the Department of the inspection results, including underlying data. The inspection must be conducted by an independent qualified Florida licensed professional engineer. The term qualified means having successfully completed the Mine Safety and Health Administration Qualification for Impoundment Inspection course in addition to the Annual Retraining for Impoundment Qualification, or equivalent qualifications. The engineer shall also review available documentation and include in the report any actions necessary to ensure the integrity of the CCS. If the inspection identifies a material breach or structural defect in a peripheral levee of the CCS, FPL shall, within

60 days, submit a detailed description of the plan to address any material breaches or structural defects. FPL shall implement the plans to address any material breaches or structural defects within 60 days of the report mandated under this paragraph.

22. If FPL seeks renewal of the Combined License for either Unit 3 or 4 from the Nuclear Regulatory Commission, FPL shall provide the Department any information provided to the NRC detailing the future operating viability, including environmental and natural resource impacts, of the CCS and any potential alternative cooling technologies during the second renewal period.

23. To achieve the third objective of this Order, FPL shall undertake the following:

a. Complete an analysis, within 2 years from the effective date of this Order, with input from the Department and other agencies as selected by the Department, using the variable density three dimensional groundwater model developed under the Miami-Dade County Consent Agreement, that seeks to allocate relative contributions of other entities or factors to the movement of the SWI.

b. Enter into an agreement within 1 year with SFWMD, if SFWMD requests, to convey to SFWMD, FPL property interests in essential properties within the Biscayne Bay Coastal Wetlands Phase I project to facilitate the Comprehensive Everglades Restoration Plan in exchange for payment based on a jointly approved appraisal process or other mutually agreeable considerations. (See Attachment A).

c. Deposit $1.5 million into a Florida Department of Financial Services escrow account in accordance with an escrow agreement signed by FPL, the Department and the Florida Department of Financial Services. The escrow account shall be used to finance projects in the Turkey Point region that support mitigation of saltwater intrusion.

d. Conduct grab sampling within 90 days of the effective date of this Order, to improve trend analysis in Biscayne Bay and Card Sound surface waters, every two months, taking both top and bottom samples, for two years from the effective date of this Order at six sites as shown in Attachment B. The parameters sampled shall be: temperature, conductivity, pH, dissolved oxygen, turbidity, salinity, tritium, ammonia, nitrate + nitrite, total Kjedahl nitrogen, orthophosphate, total phosphorus, chlorophyll-*a*, total depth, and Secchi disk depth.

MONITORING REQUIREMENTS

24. Quality assurance and quality control for all monitoring requirements under this Order shall be achieved by compliance with the Quality Assurance Project Plan under the 2009 Monitoring Plan.

25. FPL shall timely apply for all regulatory approvals necessary for compliance with the monitoring requirements in this Order.

26. FPL shall continue to implement the monitoring program for the CCS, the 2009 Monitoring Plan, until such time as a monitoring plan is enacted pursuant to Section 403.087, F.S.

27. In addition to the monitoring requirements contained in the 2009 Monitoring Plan, FPL shall, within 90 days of the effective date of this Order, request or apply for regulatory approval to:

a. Obtain monitoring data from the USGS for the following wells for inclusion in the monitoring database: G-3946-S, G-3946-D, G-3900, G-3976, G-3966, and G-3699.

b. Install and monitor, consistent with the parameters and frequency set forth in the 2009 Monitoring Plan, a new 3 well cluster at G-3164. Construction shall commence within 180 days of FPL's receipt of all necessary regulatory approvals for the installation of the wells.

c. Replace and monitor, consistent with the parameters and frequency set forth in the 2009 Monitoring Plan well TPGW-8S. Construction shall commence within 180 days of FPL's receipt of all regulatory approvals necessary for compliance with this requirement.

d. Install and monitor, consistent with the parameters and frequency set forth in the 2009 Monitoring Plan a new deep well (to be designated as TPGW-20) located at the City of Homestead baseball complex, east of Kingman Road (SW 152nd Ave.) near the western parking area. Construction shall commence within 180 days of FPL's receipt of all regulatory approvals necessary for compliance with this requirement. The deep well will have a screened interval open to the deep high flow interval identified in the same manner as those described in the 2009 Monitoring Plan.

28. FPL shall expand the 2009 Monitoring Plan database to include all additional water monitoring data related to this Order required by all other governmental agencies and entities, including but not limited to the SFWMD, Nuclear Regulatory Commission, Miami-Dade County and the Florida Department of Health, as well as all monitoring data that is required in this Order.

29. In addition to the other monitoring requirements in this Order and for purposes of monitoring progress toward achievement of the hypersaline plume retraction, including determining whether the westward migration of the hypersaline plume has been halted and determining the rate of decline of saline levels in the CCS surface waters over time, the following monitoring requirements shall be met:

a. FPL shall conduct and report to the Department a baseline CSEM survey of the hypersaline plume after freshening activities are in operation but before the complete recovery well system begins operation. This will be the "Baseline Survey."

b. FPL shall conduct a CSEM survey within 30 days after the first year of recovery well operations and report the results to the Department.

c. FPL shall conduct a CSEM survey within 30 days after the second year of recovery well operations and report the results to the Department. This survey shall be the second CSEM survey.

d. FPL shall conduct a CSEM survey within 30 days after the third year of recovery well operations and report the results to the Department. This survey shall be the third CSEM survey.

e. FPL shall conduct and report to the Department subsequent CSEM surveys of the hypersaline plume 2 years after the third CSEM survey and every 2 years thereafter.

f. FPL shall monitor average weekly mass removal of salt as represented by total dissolved solids ("TDS"), by monitoring flow rate and weekly average TDS of the full extraction system, beginning at the time of commencement of the hypersaline plume remediation project operation.

g. FPL shall monitor average weekly chloride concentration of extracted water for the full extraction system, beginning at the time of commencement of the hypersaline plume remediation project operation.

h. FPL shall monitor average daily volume of hypersaline water extraction for the full extraction system, from beginning at the time of commencement of the Plume Extraction operation.

i. FPL shall maintain records of the operation of each extraction well (pump operation parameters such as: pump status, RPM, flow rate; water quality parameters such as salinity and TDS) and make such records available for review by the Department upon request, with reasonable notice.

j. FPL shall, when monitoring the salinity levels in the CCS, utilize all available monitoring resources in the CCS to obtain the average annual salinity rate. Specific monitoring points may not be excluded from the calculation unless such exclusion is allowed by the Department based upon a scientific reason. For the purposes

of determining average annual salinities for the CCS, FPL shall use qualified hourly data (pursuant to the approved 2009 Monitoring Plan QAPP) from each of the CCS monitoring sites TPSWCCS-1, 2, 3, 4, 5, 6, and 7 collected beginning at 00:00 through 23:59 each day. The qualified hourly data for the day will be summed and divided by the number of qualified hourly values for the station that day. Stations with fewer than 12 qualified hourly data values in a given day shall not be used in the calculation of the CCS daily average. The daily averages for all qualified stations (up to seven per day) for a given day will be summed and divided by the number of qualified stations for that day to produce a qualified CCS daily average salinity value. The average annual salinity is calculated by summing the qualified CCS daily average salinity values from June 1st through May 31st and dividing the value by the number of days in the year.

k. FPL shall monitor TPBBSW7T consistent with the parameters and frequency in the 2009 Monitoring Plan.

30. FPL will take reasonable actions to select appropriate laboratories with sufficient capacity to avoid delay in receiving results due to backlogs. If such delay occurs, FPL will make reasonable efforts to resolve those delays.

REPORTING REQUIREMENTS

31. The Annual Monitoring Report required by the 2009 Monitoring Plan shall be expanded to include:

a. All additional water monitoring data required under this Order.

b. All additional water monitoring data related to this Order required by all other governmental agencies or entities, including but not limited to the SFWMD, Nuclear Regulatory Commission, Miami-Dade County, and the Florida Department of Health, as well as all monitoring data that is required in this Order.

c. A reporting of the average annual salinity of the CCS waters.

32. FPL shall provide a report to the Department at the conclusion of the year-long control elevation project described in paragraph 17 of the Miami-Dade Consent Agreement detailing the results of the year-long raise in control elevations in the Everglades Mitigation Bank.

33. FPL shall provide the Department a copy of all reports/summaries/reviews required under any other agreements with any other agency, such as the reports/ summaries/ reviews required by the Miami-Dade Consent Agreement.

NOTICES

34. FPL shall allow all authorized representatives of the Department access to the Facility at reasonable times for the purpose of determining compliance with the terms of this Order and the rules and statutes administered by the Department.

35. This Order supersedes all the requirements of the Administrative Order related to the CCS at Turkey Point. Upon execution of this Order, the DEP Administrative Order (OGC No. 14-0741) is hereby rescinded.

36. If any event, including administrative or judicial challenges by third parties unaffiliated with FPL, occurs which causes delay or the reasonable likelihood of delay in complying with the requirements of this Order, FPL shall have the burden of proving the delay was or will be caused by circumstances beyond the reasonable control of FPL and could not have been or cannot be overcome by FPL's due diligence. Neither economic circumstances nor the failure of a contractor, subcontractor, materialman, or other agent (collectively referred to as "contractor") to whom responsibility for performance is delegated to meet contractually imposed deadlines shall be considered circumstances beyond the control of FPL (unless the cause of the contractor's late performance was also beyond the contractor's control). Failure of regulatory agencies to issue required permits consistent with this Order shall be considered a circumstance beyond the control of FPL if FPL acted with due diligence in the permit application process. Upon occurrence of an event causing delay, or upon becoming aware of a potential for delay, FPL shall notify the Department within 2 working days and shall, within seven calendar days notify the Department in writing of (a) the anticipated length and cause of the delay, (b) the measures taken or to be taken to prevent or minimize the delay, and (c) the timetable by which FPL intends to implement these measures. If the parties can agree that the delay or anticipated delay has been or will be caused by circumstances beyond the reasonable control of FPL, the time for performance hereunder shall be extended. The agreement to extend compliance must identify the provision or provisions extended, the new compliance date or dates, and the additional measures FPL must take to avoid or

minimize the delay, if any. Failure of FPL to comply with the notice requirements of this paragraph in a timely manner constitutes a waiver of FPL's right to request an extension of time for compliance for those circumstances.

37. The Department, for and in consideration of the complete and timely performance by FPL of all the obligations agreed to in this Order, hereby conditionally waives its right to seek judicial imposition of damages, civil penalties, or injunctive relief for the violations described in the Notice of Violation and above up to the date of the filing of this Order. This waiver is conditioned upon FPL's complete compliance with all of the terms of this Order.

38. This Order is a settlement of the Department's civil and administrative authority arising under Florida law to resolve the matters addressed herein. This Order is not a settlement of any criminal liabilities which may arise under Florida law, nor is it a settlement of any violation which may be prosecuted criminally or civilly under federal law. Entry of this Order does not relieve FPL of the need to comply with applicable federal, state, or local laws, rules, or ordinances.

39. The Department hereby expressly reserves the right to initiate appropriate legal action to address any violations of statutes or rules administered by the Department that are not specifically resolved by this Order.

40. FPL is fully aware that a violation of the terms of this Order may subject FPL to judicial imposition of damages, civil penalties up to $10,000.00 per day per violation, and criminal penalties.

41. FPL acknowledges and waives its right to an administrative hearing pursuant to sections 120.569 and 120.57, F.S., on the terms of this Order. FPL also acknowledges and waives its right to appeal the terms of this Order pursuant to section 120.68, F.S.

42. Electronic signatures or other versions of the parties' signatures, such as .pdf or facsimile, shall be valid and have the same force and effect as originals. No modifications of the terms of this Order will be effective until reduced to writing, executed by both FPL and the Department, and filed with the clerk of the Department.

43. The terms and conditions set forth in this Order may be enforced in a court of competent jurisdiction pursuant to sections 120.69 and 403.121, F.S. Failure to comply with the terms of this Order constitutes a violation of section 403.161(l)(b), F.S.

44. This Order is a final order of the Department pursuant to section 120.52(7), F.S., and it is final and effective on the date filed with the Clerk of the Department unless a Petition for Administrative Hearing is filed in accordance with Chapter 120, F.S.

45. When FPL demonstrates to the Department that it has fulfilled the requirements of this Order, the Department shall notify FPL in writing that all requirements of this Order are terminated except for the requirement to maintain the average annual salinity of the CCS at or below 34 PSU until an average annual salinity of the CCS is designated in a Department permit issued subsequent to the effective date of this Order.

46. Upon the timely filing of a petition, this Order will not be effective until further order of the Department.

47. FPL shall publish the following notice in a newspaper of daily circulation in Miami-Dade County, Florida. The notice shall be published one time only within 30 days of the effective date of the Order. FPL shall provide a certified copy of the published notice to the Department within 10 days of publication.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF CONSENT ORDER

The Department of Environmental Protection ("Department") gives notice of agency action of entering into a Consent Order with FPL pursuant to section 120.57(4), F.S. The Consent Order addresses the westward migration of hypersaline water from the Turkey Point Facility and potential releases to deep channels on the eastern and southern side of the Facility. The Consent Order is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department of Environmental Protection Office of General Counsel, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000.

Persons who are not parties to this Consent Order, but whose substantial interests are affected by it, have a right to petition for an administrative hearing under sections 120.569 and 120.57, F.S. Because the administrative hearing process is designed to formulate final agency action, the filing of a petition concerning this Consent Order

means that the Department's final action may be different from the position it has taken in the Consent Order.

The petition for administrative hearing must contain all of the following information:

a) The OGC Number assigned to this Consent Order;

b) The name, address, and telephone number of each petitioner; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding;

c) An explanation of how the petitioner's substantial interests will be affected by the Consent Order;

d) A statement of when and how the petitioner received notice of the Consent Order;

e) Either a statement of all material facts disputed by the petitioner or a statement that the petitioner does not dispute any material facts;

f) A statement of the specific facts the petitioner contends warrant reversal or modification of the Consent Order;

g) A statement of the rules or statutes the petitioner contends require reversal or modification of the Consent Order; and

h) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the Department to take with respect to the Consent Order.

The petition must be filed (received) at the Department's Office of General Counsel, 3900 Commonwealth Boulevard, MS# 35, Tallahassee, Florida 32399-3000 within 21 days of receipt of this notice. A copy of the petition must also be mailed at the time of filing Division of Water Resource Management, Industrial Wastewater Program at 2600 Blair Stone Road, Mail Station 3545, Tallahassee, Florida 32399-2400. Failure to file a petition within the 21-day period constitutes a person's waiver of the right to request an administrative hearing and to participate as a party to this proceeding under sections 120.569 and 120.57, F.S. Before the deadline for filing a petition, a person whose substantial interests are affected by this Consent Order may choose to pursue mediation as an alternative remedy under section 120.573, F.S. Choosing mediation will not adversely affect such person's right to request an administrative hearing if mediation does not result in a settlement. Additional information about mediation is provided in section 120.573, F.S. and Rule 62- 110.106(12), Florida Administrative Code.

FOR THE RESPONDENT:

Randall R. LaBauve
Vice-President, Environmental Services
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408

DONE AND ORDERED this 20th day of June, 2016, in Tallahassee, Florda.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

John A. Coates, P.E.
Director, Division of Water Resource Management

Filed, on this date, pursuant to section 120.52, F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

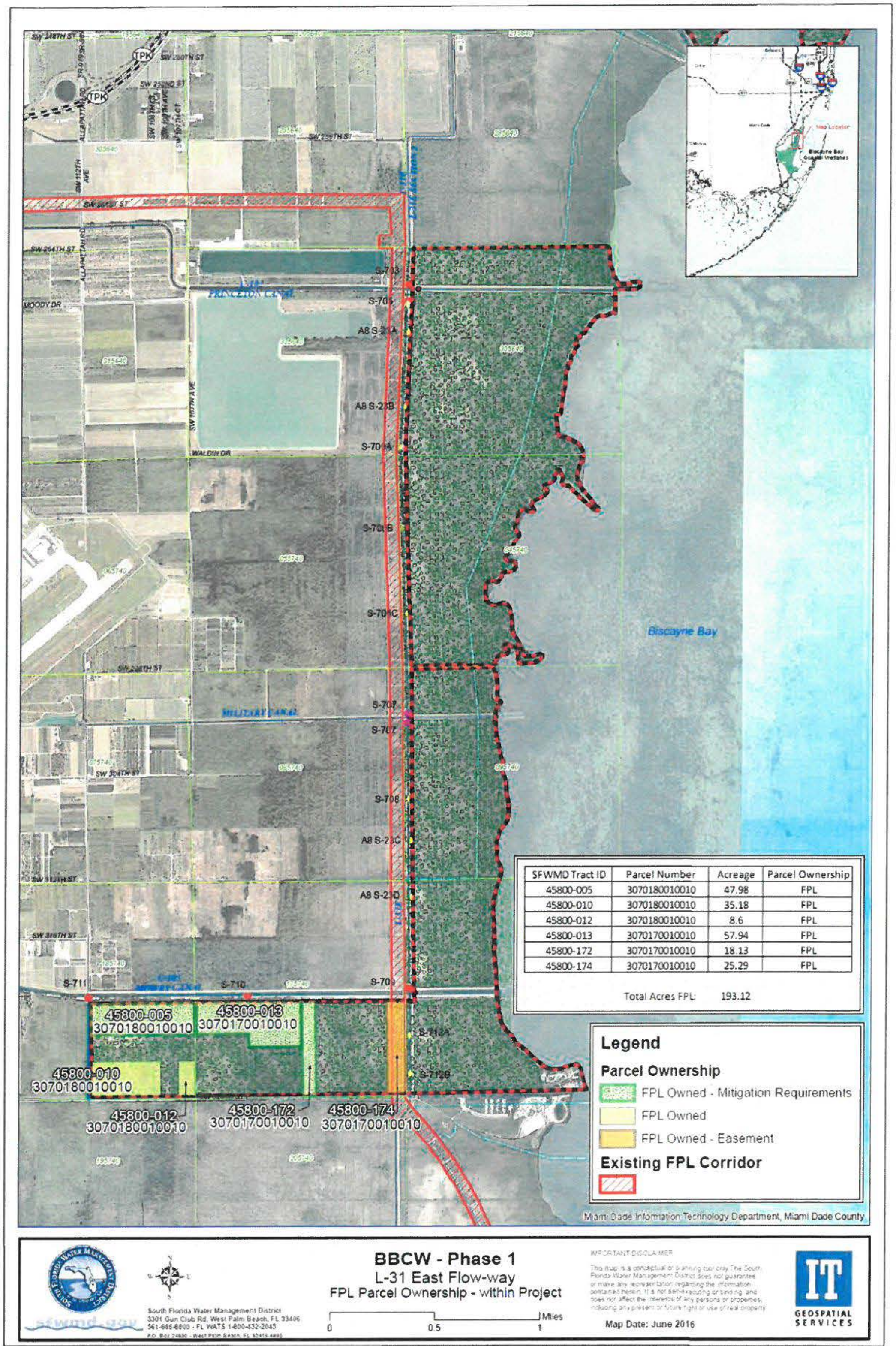
Clerk

Date 6/20/2016

Copies furnished to:

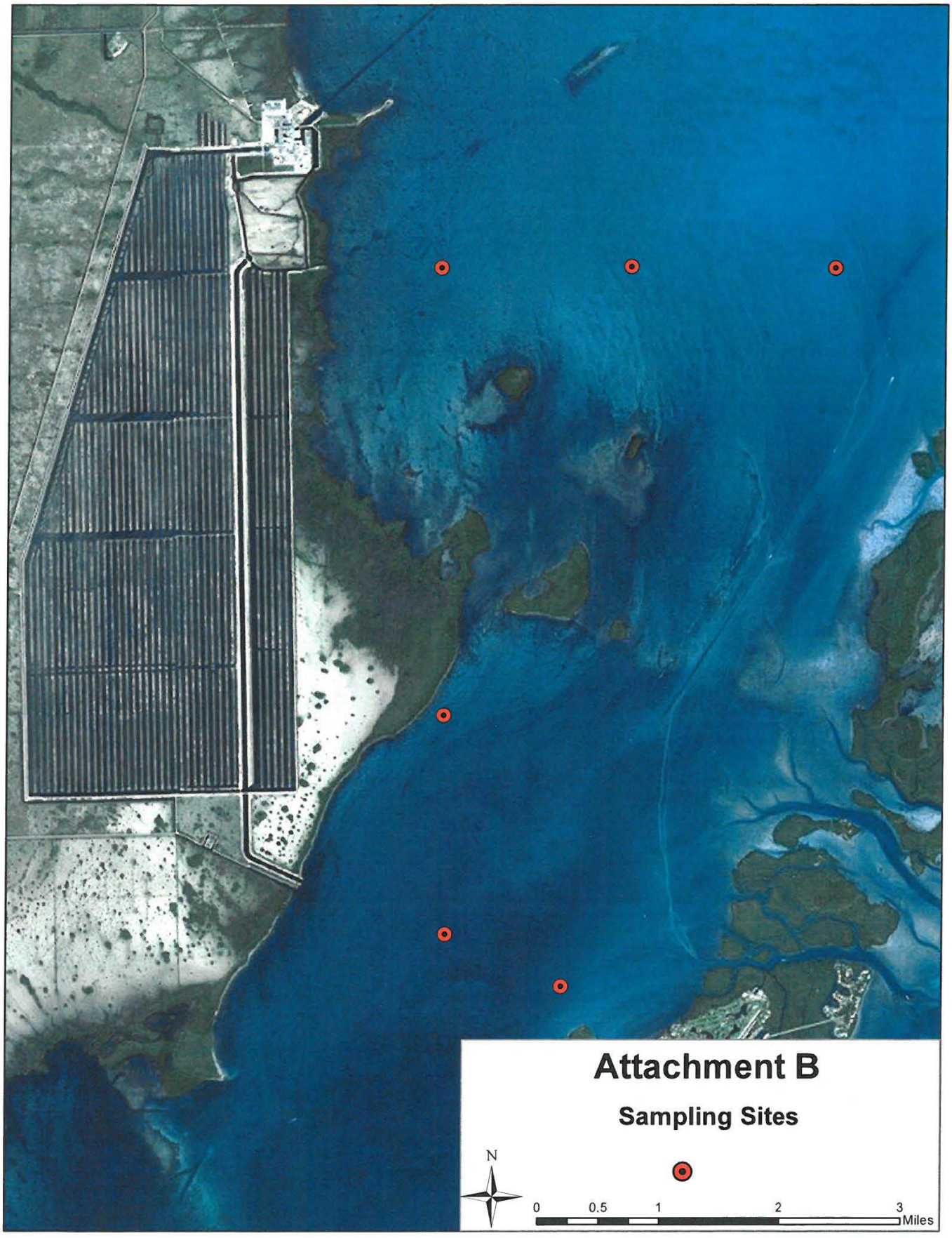
Lea Crandall, Agency Clerk
Mail Station 35

Attachment A



SFWMD Tract ID	Parcel Number	Acreage	Parcel Ownership
45800-005	3070180010010	47.98	FPL
45800-010	3070180010010	35.18	FPL
45800-012	3070180010010	8.6	FPL
45800-013	3070170010010	57.94	FPL
45800-172	3070170010010	18.13	FPL
45800-174	3070170010010	25.29	FPL

Total Acres FPL: 193.12


Attachment B
Sampling Sites
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3
Miles

MIAMI-DADE COUNTY
Carlos A. Gimenez, Mayor

Department of Regulatory and Economic Resources
Environmental Resources Management
701 NW 1st Court, 6th Floor
Miami, Florida 33136-3912
T 305-372-6902 F 305-372-6630
miamidade.gov

August 15, 2016

Randall R. LaBauve, Vice President
Environmental Services
NextEra Energy, Inc.
700 Universe Blvd.
Juno Beach, Florida 33408

Certified Mail No. 7009 0080 0000 1050 8141
Return Receipt Requested

Re: Consent Agreement Addendum for the FPL Turkey Point power plant facility located at, near or in the vicinity of 9700 SW 344 Street, Unincorporated, Miami-Dade County, Florida.

Dear Mr. LaBauve:

Enclosed you will find an original of the above-referenced Consent Agreement Addendum which was executed today, August 15, 2016. Be advised that the date of execution initiates specific time periods with which FPL must comply as described in the Addendum.

If you have any questions concerning the above, please contact me at 305-372-6514 or email brownb@miamidade.gov. Thank you for your assistance in this matter.

Sincerely,

Barbara Brown

Barbara Brown
Special Projects Administrator
Regulatory Services

Enclosure

ec: Abbie Schwaderer-Raurell – CAO

ADDENDUM 1 TO THE OCTOBER 7, 2015 CONSENT AGREEMENT
BETWEEN
MIAMI-DADE COUNTY DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, DIVISION OF ENVIRONMENTAL RESOURCES MANAGEMENT
AND
FLORIDA POWER & LIGHT COMPANY

This Consent Agreement Addendum 1, entered into by and between Miami-Dade County Department of Regulatory and Economic Resources, Division of Environmental Resources Management (hereinafter referred to as "DERM"), and Florida Power & Light Company, (hereinafter referred to as "Respondent"), pursuant to Section 24-7(15)(c) of Chapter 24 of the Code of Miami-Dade County, shall serve to amend the October 7, 2015 Consent Agreement (Attachment 1) executed for the Turkey Point power plant facility and Cooling Canal System (CCS) located at, near or in the vicinity of 9700 SW 344 Street, Unincorporated, Miami-Dade County, Florida (DERM IW-3, IW-16, IW5-6229, DWO-10, CLI-2014-0312, HWR-851).

Subsequent to the Consent Agreement executed on October 7, 2015, a review of sampling data submitted by FPL and water quality sampling conducted by DERM revealed levels of ammonia as N exceeding the water quality standards set forth in Section 24-42(4) and clean-up target levels in Section 24-44(2)(f)(v)1, which constitutes water pollution as defined in Section 24-5 of the Code of Miami-Dade County. These results include ammonia as N in samples collected from surface water monitoring stations tidally connected to Biscayne Bay including, but not limited to, TPBBSW-7 and TPBBSW-8. This Consent Agreement requires FPL to take action to address the County's alleged violations of water quality standards and cleanup target levels relating to the exceedance of ammonia.

DERM and the Respondent agree to add Paragraph 34 to the October 7, 2015 Consent Agreement to address the referenced ammonia violations as follows:

34. Addendum 1.

    a. Within thirty (30) days of the execution of Addendum 1 of this Consent Agreement, the Respondent shall submit a Site Assessment Plan to DERM for review and approval which shall allow for the identification of the source(s) of the ammonia exceedances and the delineation of the vertical and horizontal extent of the subject ammonia exceedances in surface water. Said plan shall be adequate to address the ammonia exceedances to the surface waters surrounding the facility, including but not limited to, waters tidally connected to Biscayne Bay.

    b. Within sixty (60) days of DERM's approval of the Site Assessment Plan, the Respondent shall implement said plan and submit to DERM a Site Assessment Report for review and approval or approval with modifications which shall address the requirements of Item (a) above. The SAR shall include copies of the laboratory analytical reports, sampling logs, chain of custody forms and other information in accordance with the DERM approved Site Assessment Plan. All data submitted shall be in final form and no estimates or preliminary data will be accepted. All appropriate QA/QC documentation shall be submitted with the analytical results. In addition, all testing results submitted to DERM in response to this Addendum may be listed using the data form attached (Attachment 2).

c. Within ninety (90) days of approval of the Site Assessment Report, the Respondent shall submit to DERM for review and approval a Corrective Action Plan (CAP) prepared by a State of Florida registered professional engineer which, shall include, but not be limited to, the following:

   i. Design of an environmental restoration plan to correct the exceedences of ammonia standards and criteria,

   ii. Details of proposed process modifications or changes in operational systems to manage and control the source(s) of ammonia to prevent future violations of the provisions of Chapter 24 at the subject facility,

   iii. Physical, structural, or hydraulic modifications in the area of the CCS and adjacent surface waters to eliminate the contributions of CCS waters to the surface waters of Miami-Dade County, and

   iv. A time table for implementation and completion of the Corrective Action Plan.

d. Upon approval of the CAP, the Respondent shall implement said CAP in accordance with the approved timetable in order to cease discharges from the Turkey Point facility that cause or contribute to ammonia exceedances in violation of County water quality standards, cleanup target levels or which cause water pollution.

e. Within thirty (30) days of the execution of Addendum 1 to this Consent Agreement, the Respondent shall pay DERM administrative costs in the amount of five thousand dollars ($5,000.00). The payment shall be made payable to Miami-Dade County and sent to DERM, 701 NW 1st Court, 6th Floor, Miami, Florida 33136, Attention: Barbara Brown.

All other provisions of the October 7, 2015 Consent Agreement shall remain unchanged and in full force and effect for the duration of that Agreement.

This Consent Agreement Addendum 1 and the provisions herein shall become effective upon execution by the Director of DERM or the Director's designee.

[REMAINDER OF PAGE INTENTIONALLY BLANK; SIGNATURES APPEAR ON FOLLOWING PAGE]

8/12/2016
Date

Signature

Randall R. LaBauve
Print Name and Title

Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408
Respondent

Notary Public State of Florida
Fannie Strickland
My Commission FF 992597
Expires 05/15/2020

Before me, the undersigned authority, personally appeared Randy P. LaBauve who after being duly sworn, deposes and says that he has read the foregoing.

Subscribed and sworn to before me this 12th day of August, 2016 by Randy R. LaBauve.
(Name of affiant)

Personally Known ✓ or Produced Identification ____.
(Check One)

Type of Identification Produced: _____

Notary Public

DO NOT WRITE BELOW THIS LINE OFFICE USE ONLY

8-15-2016
Date

Lee N. Hefty, Director
Environmental Resources Management

Barbara Brown
Witness

Witness

MIAMI-DADE COUNTY, through its DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, DIVISION OF ENVIRONMENTAL RESOURCES MANAGEMENT,

Complainant,

v.

FLORIDA POWER & LIGHT COMPANY,

Respondent.
_____/

CONSENT AGREEMENT

This Consent Agreement, entered into by and between the Complainant, MIAMI-DADE COUNTY, through its DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES, DIVISION OF ENVIRONMENTAL RESOURCES MANAGEMENT ("DERM"), and the Respondent FLORIDA POWER & LIGHT COMPANY ("FPL"), pursuant to Section 24-7(15)(c) of the Code of Miami-Dade County, shall serve to redress alleged violations of Chapter 24 of the Code of Miami-Dade County located near, surrounding, or in the vicinity of the Cooling Canal System located at Turkey Point on FPL's property, as further described herein, in Miami-Dade County, Florida.

DERM and FPL enter into the following Consent Agreement:

FINDINGS OF FACT

1. DERM is a division of Miami-Dade County, a political subdivision of the State of Florida, which is empowered to control and prohibit pollution and protect the environment within Miami-Dade County pursuant to Article VIII, Section 6 of the Florida Constitution, the Miami-Dade County Home Rule Charter and Section 403.182 of the Florida Statutes.

2. Florida Power & Light Company ("FPL") is the owner and operator of the Turkey Point Power Plant, and FPL is the owner and operator of approximately a 5,900-acre network of unlined canals (the "Cooling Canal System" or "CCS") on the FPL property described in the map in Exhibit A (the "Property").

3. In 1971, FPL signed a Consent Decree with the U.S. Department of Justice that required the construction, after permitting, of a closed-loop cooling configuration, with no discharge to surface waters.

4. The Florida Department of Pollution Control (later to become the Florida Department of Environmental Protection), in 1971, issued Construction Permit No. IC-1286 for the CCS. In 1972, Dade County issued Zoning Use Permit No. W-49833 for the excavation of the proposed Alternate Cooling Water Return Canal. FPL represents that in 1973, the construction of the CCS was completed; and the CCS was closed from the surface waters of both Biscayne Bay and Card Sound, becoming a closed-loop system.

5. An approximate 18 foot deep interceptor ditch located along the west side of the CCS was designed and constructed to create a hydraulic barrier to keep water in the CCS from migrating inland or westward.

6. In 1972, FPL entered into an agreement with the Central and Southern Florida Flood Control District (later to become the South Florida Water Management District or "District") addressing the operations and impacts of the CCS. The agreement has been updated several times, with the most recent version being the Fifth Supplemental Agreement between the District and FPL entered into on October 16, 2009 ("Fifth Supplemental Agreement") which included an extensive monitoring program for the CCS, entitled the Turkey Point Plant Groundwater, Surface Water and Ecological Monitoring Plan ("2009 Monitoring Plan"), incorporated as Exhibit A of the Fifth Supplemental Agreement.

7. In a letter dated April 16, 2013, the District notified FPL of their determination that saline water from the CCS has moved westward of the L-31E Canal in excess of those amounts that would have occurred without the existence of the CCS, and pursuant to the provisions of the Fifth Supplemental Agreement, initiated consultation with FPL for the mitigation, abatement or remediation of the saline water movement.

8. DERM issued a Notice of Violation dated October 2, 2015 (the "NOV") to FPL, alleging violations of Chapter 24 of the Code of Miami-Dade County, for alleged violations of County water quality standards and criteria in groundwater attributable to FPL's actions, and specifically for groundwaters outside the boundaries of FPL's Cooling Canal System and beyond the boundaries of the Property.

9. The phrase "hypersaline water" as used herein is defined as water that exceeds 19,000 mg/L chlorides.

10. DERM maintains there is hypersaline water attributable to FPL's actions in the groundwaters outside the boundaries of the Property, which exceeds County water quality standards and criteria. FPL acknowledges the presence of hypersaline water in certain areas outside the boundaries of the Property. For waters that do not reach the level of hypersalinity, DERM and FPL do not agree on the applicable "background" standards for chlorides.

11. In 2013 and 2014, FPL experienced water quality issues within the CCS, including increases in temperature and salinity, and FPL sought approvals from various regulatory agencies for actions to improve the water quality within the CCS.

12. DEP issued an Administrative Order, No. 14-0741, on December 23, 2014, requiring FPL to, among other things, reduce and maintain the annual average salinity of the CCS at a practical salinity of 34, and that Administrative Order is currently the subject of an Administrative Hearing.

13. Both DERM and FPL agree and acknowledge that it would be beneficial to improve the water quality within the Cooling Canal System itself, and FPL has already undertaken some efforts to improve the CCS water quality.

14. This Consent Agreement requires FPL to take action to address the County's alleged violations of County water quality standards and criteria in groundwaters outside the CCS as described in the NOV. As part of these actions, this Consent Agreement also requires FPL to take into account its efforts to improve CCS water quality and the potential and actual impacts of such actions on water resources outside the CCS, to not cause or contribute to (i) the exacerbation of alleged violations of County water quality standards or criteria or (ii) future violations of County water quality standards or criteria in the groundwaters or surface waters outside the CCS.

15. FPL hereby agrees to the terms of this Consent Agreement without admitting the allegations made by the above-mentioned NOV.

16. In an effort to expeditiously resolve this matter and to ensure compliance with Chapter 24 of the Code of Miami-Dade County, and to avoid time consuming and costly litigation, the parties hereto agree to the following, and it is ORDERED:

REQUIREMENTS

17. FPL shall undertake the following activities to specifically address water quality impacts associated with the CCS, as alleged in the NOV. The objective of this Consent Agreement will be for FPL to demonstrate a statistically valid reduction in the salt mass and volumetric extent of hypersaline water (as represented by chloride concentrations above 19,000 mg/L) in groundwater west and north of FPL's property without creating adverse environmental impacts. A further objective of this Consent Agreement is to reduce the rate of, and, as an ultimate goal, arrest migration of hypersaline groundwater. Recognizing other factors beyond FPL's control may influence movement of groundwater in the surficial aquifer, FPL shall reasonably take into account such factors when developing and implementing remedial actions to minimize the timeframe for achieving compliance with this Consent Agreement.

a. Abatement.

i. DERM acknowledges that FPL is planning to undertake the following:

1. pursue permitting, construction and operation of up to six Upper Floridan Aquifer System wells in accordance with the Site Certification Modification that is the subject of DOAH Case No. 15-1559EPP.

2. continue the use of the existing marine wells (SW-1, SW-2, and PW-1) as a short term resource to lower and maintain salinities. FPL shall work to avoid the use of the marine wells, except under extraordinary circumstances.

3. continue operation of the authorized L-31E canal pumps as a short term resource only, in accordance with the terms and conditions of the applicable approvals. FPL acknowledges that the use of water from the L-31E canal is intended only as a short term resource to lower CCS salinity. FPL anticipates the need for this resource for the next two years to reduce salinity as it transitions into the long term resources that are intended to maintain the lower salinity in the CCS. FPL acknowledges that additional regulatory

approvals will be required for continuation of this activity beyond the expiration of the existing approvals.

ii. FPL shall evaluate alternative water sources to offset the CCS water deficit and reduce chloride concentration in the CCS, and as a means of abating the westward movement of CCS groundwater. FPL will consider the practicality and appropriateness of using reclaimed wastewater from the Miami-Dade County South District Waste Water Treatment Plant as an alternative water source. FPL will provide DERM a summary of its Alternative Water Supply plan within 180 days of executing the Consent Agreement. FPL recognizes the importance and potential for reuse water, and FPL will make good faith efforts to implement the use of reuse water where practicable.

iii. FPL shall also conduct a review of the Interceptor Ditch operations to determine if current design and/or operations can be practicably modified to improve its function recognizing the current status of the CCS and surrounding wetlands. FPL will provide a summary of its Interceptor Ditch Review within 180 days of executing the Consent Agreement.

iv. The alternative water sources and any modifications to Interceptor Ditch design or operation shall be authorized through the appropriate regulatory processes and shall be demonstrated to not create adverse impacts to surface waters, groundwater, wetland or other environmental resources consistent with the Fifth Supplemental Agreement.

b. Remediation. FPL shall develop and implement the following actions to intercept, capture, contain, and retract hypersaline groundwater (groundwater with a chloride concentration of greater than 19,000 mg/L) to the Property boundary to achieve the objectives of this Consent Agreement.

i. Phase I. FPL shall design, permit, and construct a Biscayne Aquifer Recovery Well System (RWS) based on the results of a variable density dependent groundwater model which shall be sufficient to support the design of the RWS to intercept, capture, and contain the hypersaline plume; support authorization through the appropriate regulatory processes; and demonstrate that it will not create adverse

impacts to groundwater, wetland (hydroperiod or water-stage), or other environmental resources. Final operation and design will be informed by an Aquifer Performance Test (APT). FPL shall provide its design and supporting information for the Recovery Well System and associated monitoring wells for DERM review and approval within 180 days of executing the Consent Agreement. FPL shall proceed with implementation within one year of executing the Consent Agreement, subject to regulatory timelines not in FPL's control. The initial design will be based on up to 12 MGD disposal capacity recognizing existing on-site capability. Efficacy of this design constraint will be reviewed in Phases 2, 3, and 4.

ii. Phase 2. FPL shall operate the RWS in accordance with all local, state, and federal regulatory requirements, collect data as required by the monitoring program, and employ the data to inform and reduce the uncertainty of the groundwater model. Status and efficacy of the system operation in meeting the objectives of this Consent Agreement and results of continued groundwater model refinement will be provided in the annual reports required in Paragraph 17d.

iii. Phase 3. After five years, FPL shall evaluate the effectiveness of the RWS in achieving the goal to intercept, capture, contain, and ultimately retract the hypersaline groundwater plume. This evaluation shall include estimated milestones and be based on the results of the monitoring data and refined groundwater/surfacewater model, which will be submitted to DERM. If the analysis indicates that the RWS is not anticipated to achieve the goal to intercept, capture, contain, and ultimately retract the hypersaline groundwater plume, FPL shall make recommendations for modifications to the project components and/or designs to ensure the ability of the system to achieve the objectives of the Consent Agreement. The evaluation and any proposed revisions shall be submitted to DERM for review and approval.

iv. Phase 4. After ten years, FPL shall review the results of the activities and progress to achieve the objectives of this Consent Agreement, and this evaluation shall be submitted to DERM. If monitoring demonstrates that the activities are not achieving the objectives of this Consent Agreement, FPL shall revise the project components and/or designs to ensure the ability of the system to achieve the objectives of this

Consent Agreement. The proposed revisions shall be submitted to DERM for review and approval.

c. Regional Hydrologic Improvement Projects. In addition, FPL agrees to undertake the following:

i. Raise control elevations in the Everglades Mitigation Bank. Within 30 days of the effective date of this Consent Agreement, FPL shall raise the control elevations of the FPL Everglades Mitigation Bank ("EMB") culvert weirs to no lower than 0.2 feet lower than the 2.4 foot trigger of the S-20 structure and shall maintain this elevation. After the first year of operation, FPL shall evaluate the change in control elevation, in regards to improvements in salinity, water quality, and lift in the area, and if FPL determines that the change in control elevations is not effective, or that FPL is negatively impacted in receiving mitigation credits as a result of this action, FPL will consult with DERM and propose potential alternatives.

ii. Fill portions of the Model Lands North Canal within the Everglades Mitigation Bank. Within 30 days of the effective date of the Consent Agreement, FPL shall seek all necessary regulatory approvals to place excavated fill from the adjoining roadway into the Model Lands North Canal within FPL's Everglades Mitigation Bank. Upon issuance of such regulatory approvals, FPL shall, starting on the east end, fill the Model Lands North Canal. This Consent Agreement only requires FPL to fill to the extent the fill is available from the adjoining roadway permitted to be degraded.

iii. If the District determines that flowage easements are needed from FPL in order to increase the operational stages of the S-20 water control structure as planned and approved by CERP, FPL agrees to provide such flowage easements for FPL owned land within the Everglades Mitigation Bank, in favor of the District within six months of the determination.

iv. FPL acknowledges the benefit of hydrologic restoration projects contemplated by the Comprehensive Everglades Restoration Project ("CERP"), as well as other government entities, adjacent and to the west of the CCS in controlling movement of hypersaline and saline waters in the Biscayne Aquifer. FPL commits to working with

local, state and federal agencies to facilitate implementation of these projects to promote improved hydrologic conditions.

d. Monitoring and Reporting. FPL shall conduct monitoring to evaluate the progress made in achieving the objectives of this Consent Agreement. This includes actions that result from satisfying the abatement, remediation and hydrologic improvement components of this Consent Agreement. FPL shall initiate the monitoring and reporting requirements identified below within 30 days of executing the Consent Agreement. The monitoring shall include the following:

i. FPL shall facilitate DERM access to all data from continuous electronically monitored stations.

ii. FPL shall continue to provide monthly and quarterly reports substantially consistent with those required in M-D Class I permit CLI-2014-0312, beyond the expiration of the permit.

iii. FPL shall employ Continuous Surface Electromagnetic Mapping (CSEM) methods to assess the location and orientation of the hypersaline plume west and north of the CCS.

iv. FPL shall add three groundwater monitoring clusters (shallow, mid and deep) to monitor groundwater conditions in the model lands basin. The well clusters shall be similar in design and function to existing groundwater monitoring wells in the region as part of the CCS monitoring program, and shall be geographically located in consultation with DERM.

v. FPL shall submit annual reports providing an evaluation of progress in achieving the objectives of this Consent Agreement, status of implementing projects identified above, and the results of monitoring to determine the impacts of these activities. Recommendations for refinements to the activities will be included in the annual report. This may include deletions of monitoring that is demonstrated to no longer be needed, or additional monitoring that is warranted based on observations.

SAFETY PRECAUTIONS

18. FPL shall maintain the subject property during the pendency of this Consent Agreement in a manner which shall not pose a hazard or threat to the public at large or the environment and shall not cause a nuisance or sanitary nuisance as set forth in Chapter 24 of the Code of Miami-Dade County, Florida.

VIOLATION OF REQUIREMENTS

19. This Consent Agreement constitutes a lawful order of the DERM Director and is enforceable in a civil court of competent jurisdiction. Violation of any requirement of this Consent Agreement may result in enforcement action by DERM. Each violation of any of the terms and conditions of this Consent Agreement by FPL shall constitute a separate offense.

SETTLEMENT COSTS

20. FPL hereby certifies that it has the financial ability to comply with the terms and conditions herein and to comply with the payment of settlement costs specified in this Agreement.

21. DERM has determined that due to the administrative costs incurred by DERM for this matter, a settlement of $30,000.00 is appropriate. FPL shall, within sixty (60) days of the effective date of this Consent Agreement, submit to DERM a check in the amount of $30,000.00 for full settlement payment. The payment shall be made payable to Miami-Dade County and sent to the Division of Environmental Resources Management, c/o Barbara Brown, 701 NW 1st Court, 6th Floor, Miami, FL 33136-3912.

22. In the event that FPL fails to submit, modify, implement, obtain, provide, operate and/or complete those items listed in paragraph 17 herein, FPL shall pay DERM a civil penalty of one hundred dollars ($100.00) per day for each day of non-compliance and FPL may be subject to enforcement action in a court of competent jurisdiction for such failure pursuant to those provisions set forth in Chapter 24 of the Code of Miami-Dade County. Any such payments shall be made by FPL to DERM within ten days of receipt of written notification and shall be sent to the Division of Environmental Resources Management, 701 NW 1st Court, 6th Floor, Miami, FL 33136-3912.

GENERAL PROVISIONS

23. FPL shall allow any duly authorized representative of DERM, with reasonable notification, to enter and inspect the CCS, Floridan wells, extraction wells, or any other relevant facilities, at any reasonable time for the purpose of ascertaining the state of compliance with the terms and conditions of this Consent Agreement. DERM shall comply with the plant safety and security precautions. FPL shall provide and maintain a point of contact at the Turkey Point Power Plant to assist DERM in accessing the facilities to be inspected.

24. On a quarterly basis (January, April, July, and October), DERM may collect surface and/or groundwater samples at the discretion of DERM at various monitoring locations in accordance with monitoring referenced in Paragraph 17 above.

25. FPL and DERM agree to cooperate and use best efforts moving forward related to this Consent Agreement.

26. Disputes related to or arising out of this Consent Agreement shall be construed consistent with the laws of the State of Florida and the United States, as applicable, and shall be filed in the state or federal courts of the State of Florida, as appropriate. Proceedings shall take place exclusively in the Circuit Court for Miami-Dade County, Florida or the United States District Court for the Southern District of Florida.

27. In consideration of the complete and timely performance by FPL of the obligations contained in this Consent Agreement, DERM waives its rights to seek judicial imposition of damages or civil penalties for the matters alleged in Notice of Violation and Consent Agreement.

28. Where FPL cannot meet timetables or conditions due to circumstances beyond FPL's control, FPL shall provide written documentation to DERM which shall substantiate that the cause(s) for delay or non-compliance was not reasonably in FPL's control. DERM shall make a determination of the reasonableness of the delay for the purpose of continued enforcement pursuant to paragraph 22 of this Consent Agreement.

29. DERM expressly reserves the right to initiate appropriate legal action to prevent or prohibit future violations of applicable laws, regulations, and ordinances or the rules promulgated thereunder.

30. Entry of this Consent Agreement does not relieve FPL of the responsibility to comply with applicable federal, state or local laws, regulations, and ordinances.

31. FPL acknowledges that this Consent Agreement is within the jurisdiction of Miami-Dade County. Nothing in this Consent Agreement is intended to expand, nor shall this Consent Agreement be construed to expand, the regulatory authority or jurisdiction of Miami-Dade County.

32. This Consent Agreement shall neither be evidence of a prior violation of this Chapter nor shall it be deemed to impose any limitation upon any investigation or action by DERM in the enforcement of Chapter 24 of the Code of Miami-Dade County.

33. This Consent Agreement shall become effective upon the date of execution by the DERM Director, or the Director's designee.

October 6, 2015

Date

Eric E. Silagy
President & CEO
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408
Respondent

Before me, the undersigned authority, personally appeared Eric Silagy, who after being duly sworn, deposes and says that they have read and agreed to the foregoing.

Subscribe and sworn to before me this 6th day of October, 2015 by Eric Silagy (name of affiant).

Personally known ✓ or Produced Identification _____.
(Check one)

Type of Identification Produced: _____.

LISA GROVE
MY COMMISSION # FF 154741
EXPIRES: December 14, 2018
Bonded Thru Budget Notary Services

Lisa Grove
Notary Public Signature

Lisa Grove
Notary Public Printed Name

DO NOT WRITE BELOW THIS LINE – GOVERNMENT USE ONLY

OCT 7, 2015
Date

Lee N. Hefty, DERM Director
Miami-Dade County

Witness

Barbara Brown
Witness

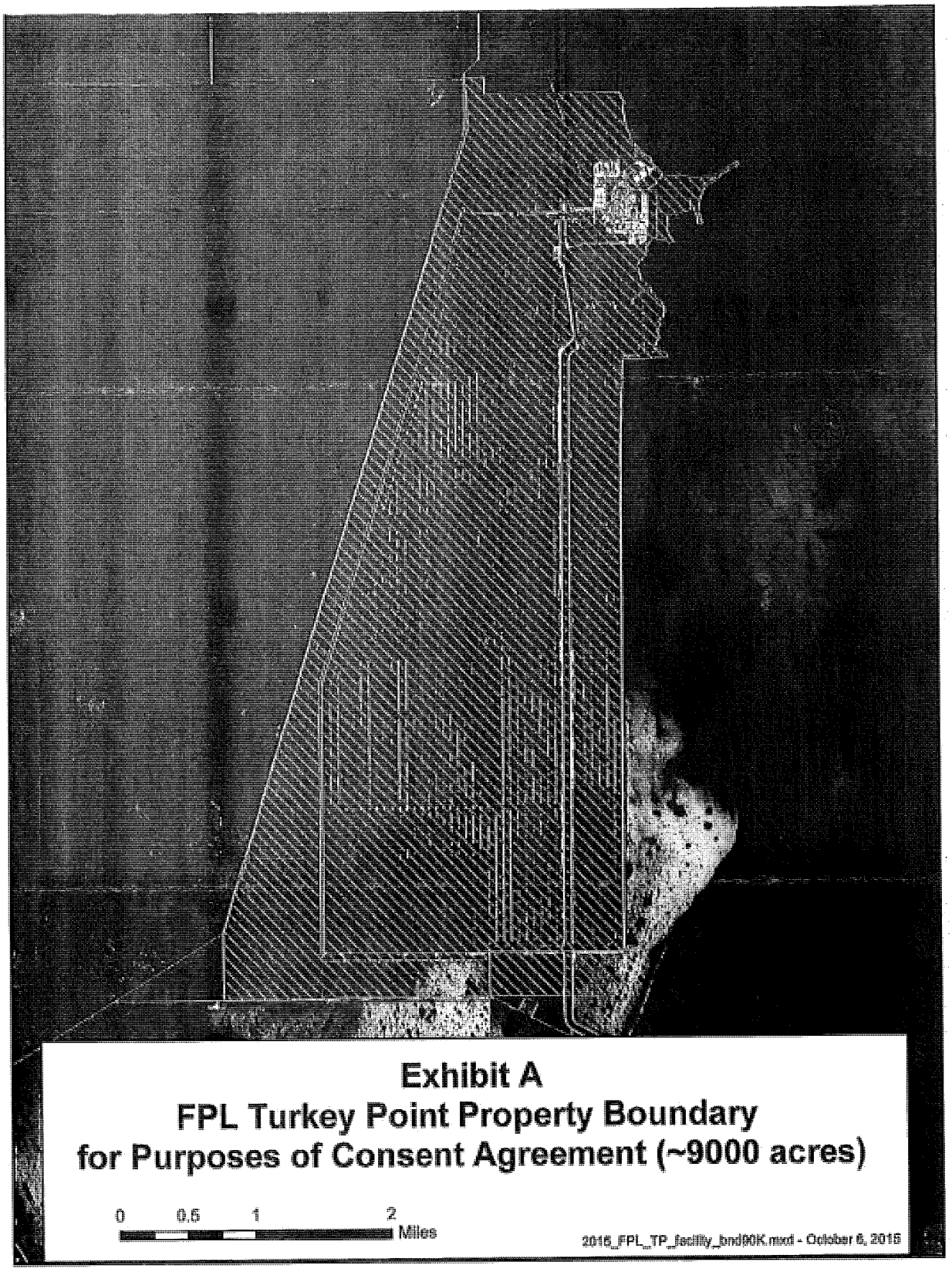
Exhibit A
FPL Turkey Point Property Boundary
for Purposes of Consent Agreement (~9000 acres)
0
0.5
1
2
Miles
2016_FPL_TP_facility_bnd90K.mxd - October 6, 2016

FPL TURKEY POINT SAMPLING RESULTS

MONITORING LOCATION (SAMPLE ID)	COLLECTION DATE & TIME	SECONDS	FIELD TEMPERATURE (°C)	ANALYTICAL METHOD USED	CHLOROPHYLL a (mg/m^3)	CHLORIDE (mg/L)	SULFATE (mg/L)	NITROGEN, KJELDAHL (mg/L)	NITRATE NITRITE as N (mg/L)	PHOSPHORUS as P (mg/L)	ORTHO-PHOSPHATE as P, DISSOLVED (mg/L)	COPPER (mg/L)	SODIUM (mg/L)	FIELD pH	OXYGEN (mg/L)	SALINITY (PSU)	SPECIFIC CONDUCTANCE (umhos/cm)	TOTAL DISSOLVED SOLIDS	TURBIDITY (NTU)	AMMONIA as N, (TOTAL AMMONIA NH_3+NH_4) (mg/L)	AMMONIA, IONIZED NH_4 (mg/L)	AMMONIA, UNIONIZED NH_3 (mg/L)

As of ____________________

Date ____________________

July 30, 2020

Mr. John J. Truitt
Deputy Secretary of Regulatory Programs
Florida Department of Environmental Protection
3900 Commonwealth Boulevard
Tallahassee, Florida 32399-3000

RE: Consent Order OGC File No. 16-0241 P. 20.a. Supplemental Salinity Management Plan

Dear Mr. Truitt:

The 2016 Consent Order ("CO") between Florida Power & Light Company ("FPL") and the Florida Department of Environmental Protection ("Department") outlines three objectives: (1) cease discharges from the Cooling Canal System ("CCS") that impair the reasonable and beneficial use of the adjacent G-II groundwater to the west of the CCS; (2) prevent releases of groundwater from the CCS to surface waters connected to Biscayne Bay that result in exceedances of surface water quality standards in the Bay; and (3) provide mitigation for impacts related to historic operation of the CCS. Since 2016, FPL has substantially accomplished the objectives of the CO and continues successful execution on all requirements within it. This letter serves to update the Department on FPL's successes under the CO and to provide a supplemental salinity management plan pursuant to condition 20.a that outlines additional measures, and timeframes, FPL will implement to achieve the salinity threshold.

Successes

Over the past year, FPL accomplished several milestones associated with the second and third objectives of the CO. Pursuant to objective two, we completed the Turtle Point and Barge Basin restoration project in May 2020. More than 200,000 cubic yards of clean beach quality sand was placed within the canals to restore the canal bathymetry and improve natural tidal circulation. In addition, more than 1,700 mangroves were planted in the newly created ~0.8-acre mangrove habitat within the Turtle Point canal. The mangrove habitat will provide additional foraging, breeding, and spawning habitat and improve the overall coastal ecosystem. Pursuant to objective three, FPL entered into an agreement with the South Florida Water Management District in April 2018 to convey to the District FPL property interests within the Biscayne Bay Coastal Wetlands Comprehensive Everglades Restoration Project footprint. In December 2019, several of those properties were conveyed to the District.

FPL has also accomplished a number of milestones associated with the CO's first objective. The CO includes a number of activities intended to accomplish this objective: freshening; eliminating the CCS contribution to the hypersaline plume; maintaining the average annual salinity of the CCS at or below 34 Practical Salinity Units ("PSU"); halting the westward migration of hypersaline water from the CCS; and reducing the westward extent of the hypersaline plume to the L-31E within 10 years.

To halt and retract the hypersaline groundwater west of the CCS, FPL constructed a recovery well system ("RWS") and began utilizing 10 wells in May 2018 to extract 15 MGD of hypersaline water. The RWS functions as a hydrological barrier that prevents the net movement of additional water from the CCS to locations in the

aquifer west of the CCS. The RWS also functions to remove hypersaline water that migrated west of the CCS prior to installation of the recovery wells. After one year of operation, Continuous Surface Electromagnetic Mapping ("CSEM") showed a 22% reduction in the total volume of the hypersaline groundwater west and north of the CCS. As a result of all of FPL's actions, including interim extraction, FPL has removed over 8.4 billion pounds of salt from the Biscayne Aquifer since 2016.

To freshen the CCS, FPL installed five artesian-flowing Upper Floridan Aquifer wells to provide up to 14 MGD of brackish water to the CCS. In recent months, FPL also received approval to utilize a portion of Turkey Point Units 1-5's existing process water allocation to provide up to an additional 7 MGD of brackish Floridan Aquifer water to aid in CCS salinity reduction. These freshening measures have been instrumental in moderating CCS salinity over the three-and-a-half year freshening timeframe. Results from the agency-approved water and salt budget modeling show that the freshening to date has been effective in reducing the salinity in the CCS by over 20 PSU from levels that would have occurred had freshening measures not been implemented.

Supplemental Salinity Management Plan & Timeframes

Although FPL's freshening actions have been effective in moderating CCS salinity, we expect the average annual salinity to be above 34 PSU by November 28, 2020, the CO's timeframe for achieving the salinity threshold. CCS salinity is influenced by many factors, including, but not limited to, rainfall, air temperatures, and CCS evaporation rates. The CO recognizes these factors and includes a process to supplement CCS salinity reduction measures to achieve the salinity threshold. Specifically, CO Paragraph 20.a. indicates if FPL does not reach an average annual salinity of 34 PSU by the end of the fourth freshening year (November 28, 2020) then FPL must submit a plan within 30 days (December 28, 2020) detailing additional measures, and a timeframe, that will be implemented to achieve the salinity threshold. Therefore, and in advance of the December deadline, we are providing factors that affected CCS salinity during the freshening period and additional measures, and timeframes, FPL is undertaking to achieve the 34 PSU threshold ("Supplemental Salinity Management Plan" or "Plan"). FPL believes this Plan will increase CCS resilience and provide the much-needed operational flexibility to address variable conditions like rainfall and air temperature to achieve 34 PSU.

The salinity management plan originally presented to the Department in 2013 included an estimated freshening volume of 14 MGD of brackish groundwater needed to offset annual average CCS evaporative losses. The water and salt budget model used to support the initial freshening estimate utilized the best data available at the time, collected between 2010-2012. FPL now has a data record that covers a longer time period (2010-2019) and represents a wider range of hydrologic conditions. CCS salinity responses have shown that offsetting evaporative losses is more beneficial on a monthly basis, rather than on an annual average basis as used in the original modeling. By providing sufficient freshening to prevent dry season CCS salinity increases, combined with wet season surpluses, the net annual salinity will decrease in accordance with the requirements of the CO.

FPL analyzed the longer data record and utilized the agency-approved water and salt budget model to determine the additional brackish water beyond current allocations needed to offset evaporative losses and meet the CO's 34 PSU salinity threshold. We plan to undertake a number of actions as part of this Supplemental Salinity Management Plan to achieve the threshold and increase CCS resiliency.

In the near-term, we are maximizing our existing infrastructure and water use allocations to increase freshening volumes within permitted limits. Natural artesian pressure is currently producing approximately 11 of the 14 MGD allocation. Well maintenance was performed on four wells between March 2019 and May 2019 to improve well performance. Between 70% and 79% of the original well capacity was obtained from the effort, but more production is needed to reach 14 MGD. Therefore, FPL plans to install pumps on the permitted wells to reach the full allocation and provide an additional 3 MGD for CCS freshening by the end of the year.

FPL also plans to request a site certification modification to increase our brackish water allocation by 16 MGD, bringing the total freshening capacity to 30 MGD. This would include a monthly max allocation of 34 MGD

to provide operational flexibility to offset monthly CCS evaporative losses. To inform the updated freshening volume needs, FPL evaluated the use of 30 MGD brackish water using the water and salt budget model. Absent a significant drought, the model indicates the 34 PSU annual average salinity threshold would be met by the end of the second year of freshening assuming similar hydrologic conditions to the dry conditions that occurred at the CCS in 2017 and 2018. Rainfall in South Florida is highly variable both seasonally and interannually. The previous nine-year record shows a wide range for rainfall year-to-year for any given month. In addition, review of nine years of monthly CCS rainfall and evaporation water budget data indicates evaporation exceeded rainfall by over 30 MGD 25% of the time in the period of record analyzed; therefore, the max month allocation of 34 MGD will allow for dynamic management of the allocation to offset the variation in monthly evaporative losses. The Plan considers natural variability and accordingly provides FPL operational flexibility to address changing conditions while improving CCS resiliency.

As part of the planning process, FPL examined whether the additional freshening would have any impact on seepage rates from the CCS. FPL used the agency-approved variable density flow and salt transport groundwater model for the calculations. The assessment determined that the increased freshening would result in a 0.1-foot stage increase in the CCS. However, as a result of the reduced fluid density of the 34 PSU CCS water, seepage rates to both the east and west will in fact be decreased compared with current conditions. The additional freshening will therefore have a positive impact on remediation of the hypersaline plume and will not hinder FPL's ability to meet its obligations under the CO to reduce the westward extent of the hypersaline plume to the L-31E within 10 years. The additional freshening will, as the modeling indicates, clearly help to remediate the hypersaline plume.

FPL is mindful of its water use and is using the lowest water quality source available (brackish water identified as an alternative water supply source by the South Florida Water Management District) for freshening, process, and cooling water purposes at Turkey Point. We are requesting the use of additional brackish water because we believe it is the best solution to manage salinity and will not negatively impact existing legal users. FPL will include a water conservation plan in our site certification modification that will adjust the amount of brackish water use once the 34 PSU threshold is achieved. FPL has also continued to build the foundation for a partnership with Miami-Dade County to treat up to 15 MGD of reclaimed water at Turkey Point for the Unit 5 cooling towers (see June 2020 Miami-Dade Board of County Commissioners Resolution No. R-579-20). This opportunity will help Miami-Dade County meet state reuse requirements while also replacing the brackish Floridan groundwater as a primary source for Unit 5 cooling purposes, reducing Unit 5 groundwater withdrawals. This will offset site-wide use of brackish water.

FPL is proud of our successes in implementing the Consent Order. As contemplated by the CO, we have used the over 4.5 million data points gathered annually to analyze the outcomes of our actions and make adjustments as necessary. We believe the supplemental actions we are undertaking and proposing will allow us to achieve our remaining targets under the CO, and we are proud of Turkey Point's safe delivery of greenhouse gas free power for almost fifty years.

FPL intends to submit the site certification modification application in the third quarter of 2020 and expects to complete permitting and implement the increased freshening allocation in the second quarter of 2021. As part of the application, we will provide additional back-up information, including updated data and models, to support the request. We would like to meet with the Department to discuss the Plan in preparation for our site certification modification request. If these discussions yield additional measures, FPL will update the Department prior to the December 28, 2020 deadline.

Should you have any questions, please do not hesitate to call me at 561-691-2406.

Sincerely,

Danielle L. Hall
Environmental Services Manager

CC:
Marc Harris, FDEP
Allan Stodghill, FDEP
Cindy Mulkey, FDEP
Lee Hefty, MDC
Drew Bartlett, SFWMD

Department of Environmental Protection

Jeb Bush
Governor

Twin Towers Office Building
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Colleen M. Castille
Secretary

In the Matter of an
Application for Permit by:

CERTIFIED MAIL
RETURN RECIEPT REQUESTED

DEP File # FL0001562-004-IW1N/NR
Miami-Dade County
Florida Power & Light Company

Turkey Point Power Plant
9760 S.W. 344 Street
Florida City, FL 34428

Attention: Mr. Terry O. Jones

NOTICE OF PERMIT

Enclosed is Permit Number FL0001562, issued under Section 403.0885, Florida Statutes and DEP Chapter 62-620, Florida Administrative Code, authorizing renewal of a "No Discharge" NPDES permit for internal discharge to an onsite closed-loop recirculating cooling canal system at the Turkey Point Power Plant located at 9670 S.W. 344 Street, Florida City, Miami-Dade County, Florida.

Any party to this order (permit) has the right to seek judicial review of the permit under section 120.68 of the Florida Statutes, by the filing of a Notice of Appeal under rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection, Office of General Counsel, Mail Station 35, 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000 and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice of appeal must be filed within thirty days after this notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

Mimi Drew

Mimi Drew
Director
Division of Water Resource Management
2600 Blair Stone Road
Tallahassee, FL 32399-2400
(850) 245-8336

FPL
Turkey Point Power Plant
Permit Number FL0001562

FILING AND ACKNOWLEDGMENT

FILED, on this date, under Section 120.52, Florida Statutes, with the designated deputy clerk, receipt of which is hereby acknowledged.

S. Shields 05-13-05
Clerk Date

Copies furnished to:

Roosevelt Childress, EPA
Chairman, Miami-Dade County Board of Commissioners
Tim Powell, P.E., DEP SED, West Palm Beach
Buck Oven, P.E., DEP Tallahassee
Betsy Hewitt, DEP Tallahassee (w/o enclosure)

SECOND AMENDMENT TO THE FACT SHEET

DATE: January 28, 2004

PERMIT NUMBER: FL0001562

PERMITTEE: Florida Power & Light Company
Turkey Point Power Plant

The following minor corrections have been made to the proposed permit. None of these corrections alter any of the discharge limitations monitoring requirements in the permit.

1. Permittee Comments

The Permittee requested the following minor corrections to the permit.

Typographical errors in the Draft Permit: The Applicant pointed out several typographical errors by the Department which are not listed in the items below. The Department has corrected these errors, which were non-substantive and did not affect any permit limitations or monitoring requirements.

Condition I.A.6.&7. The Permittee pointed out that that previous permits did not include these conditions, which refer to floating foam and visible sheen on surface waters of the state due to discharge of wastewater. The Permittee noted that the conditions are not appropriate because the facility does not discharge to surface waters. The Department concurs, and notes that it included the conditions in error. The conditions have been deleted from the final permit.

STATE OF FLORIDA
INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMITTEE:

Florida Power & Light Company
9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER: FL0001562 (Major)
PA FILE NUMBER: FL0001562-004-IW1N
ISSUANCE DATE: May 6, 2005
EXPIRATION DATE: May 5, 2010

RESPONSIBLE AUTHORITY:

Mr. Terry O. Jones
Vice President

FACILITY:

FPL Turkey Point Power Plant
9760 S.W. 344 Street
Florida City, FL 33035
Dade County

Latitude: See Note Below Longitude: See Note Below

Note: Latitude and longitude are not shown at Permittee's request, for purposes of Homeland Security pursuant to federal regulations found at 18 CFR 388.113(c)(i) and (ii) and by Presidential Directive dated December 17, 2003.

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and applicable rules of the Florida Administrative Code (F.A.C.), and constitutes authorization to discharge to waters of the state under the National Pollutant Discharge Elimination System (NPDES). The above named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

The facility consists of four steam-electric generating units: Two fossil fuel oil-fired units (Units 1&2) and two nuclear units (Units 3&4). Units 1&2 each have a continuous generating capability of 404 megawatts (MW), and Units 3&4 each have a continuous generating capability of 693 MW.

WASTEWATER TREATMENT:

Wastewater from the Turkey Point facility consists of a non-contact once-through condenser cooling water (OTCW), auxiliary equipment cooling water (AECW), low-volume waste (LVW), and stormwater. LVW consists of chemical treatment system wastewater, boiler blowdown, reverse osmosis concentrate, condensate polishing system backwash water, and other process wastestreams. Stormwater includes stormwater associated with industrial activity and stormwater not associated with industrial activity.

OTCW and AECW discharge to the facility's approximately 6,700 acre onsite closed loop cooling canal system. LVW, equipment area stormwater, and non-equipment area stormwater/drainage discharge either directly to the onsite closed loop cooling canal system or indirectly to the same system via solids settling basins and/or neutralization basin. The cooling canal system is not lined, and therefore, discharges to Class G-III groundwater. The cooling canal system does not discharge to surface waters of the state.

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Florida Power & Light Company 9760 S.W. 344 Street Florida City, FL 33035	Issuance date: Expiration date:	May 6, 2005 May 5, 2010

EFFLUENT DISPOSAL:

Surface Water Discharge:

This permit does not authorize discharge to surface waters of the state.

Internal Outfalls:

This permit authorizes discharge from existing internal outfalls I-001 and I-002 to the facility's onsite closed loop cooling canal system.

Groundwater Discharge

This permit authorizes an existing discharge from the onsite closed loop cooling canal system to the surficial aquifer which is a Class G-III groundwater.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Part I through Part VIII on pages 3 through 14 of this permit.

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I. Effluent Limitations and Monitoring Requirements

A. Surface Water Discharges

1. This permit does not authorize discharge to surface waters of the state.

2. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge non process wastewater consisting of non-contact once-through condenser cooling water (OTCW), non-contact auxiliary equipment cooling water (AECW), and other wastestreams (as indicated in the permit renewal application) from Internal Outfall I-001 to the onsite feeder canal within the facility's onsite closed loop cooling canal system. Such discharge shall be limited and monitored by the permittee as specified below:

	Discharge Limitations			Monitoring Requirements		
Parameters (units)	**Maximum Daily Average**	**Daily Maximum**	**Daily Minimum**	**Monitoring Frequency**	**Sample Type**	**Sample Point**
Temperature (F), Water (DEG.F)	--	Report	--	Monthly	Instantaneous	OUI-1
Solids, Total Suspended (MG/L)	--	Report	--	Quarterly	Grab	OUI-1
pH (SU)	--	Report	Report	Quarterly	Grab	OUI-1
Salinity (PPT)	--	Report	--	Quarterly	Grab	OUI-1
Specific Conductance (UMHO/CM)	--	Report	--	Quarterly	Grab	OUI-1
Copper, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-1
Iron, Total Recoverable (MG/L)	--	Report	--	Semiannually	Grab	OUI-1
Zinc, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-1

3. Effluent samples shall be taken at the monitoring site locations listed in permit condition I.A.2. and as described below:

Sample Point	Description of Monitoring Location
OUI-1	Cooling water discharge prior to entering the feeder canal within the closed loop cooling canal system

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4. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to discharge process wastewater and stormwater from Internal Outfall I-002 into the facility's onsite closed loop cooling canal system. Such discharge shall be limited and monitored by the permittee as specified below:

	Discharge Limitations			Monitoring Requirements		
Parameters (units)	**Monthly Average**	**Daily Maximum**	**Daily Minimum**	**Monitoring Frequency**	**Sample Type**	**Sample Point**
Solids, Total Suspended (MG/L)	--	Report	--	Semiannually	Grab	OUI-2
PH (SU)	--	Report	Report	Monthly	Grab	OUI-2
Specific Conductance (UMHO/CM)	--	Report	--	Quarterly	Grab	OUI-2
Lead, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-2
Oil and Grease (MG/L)	--	Report	--	Semiannually	Grab	OUI-2
Copper, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-2
Zinc, Total Recoverable (UG/L)	--	Report	--	Semiannually	Grab	OUI-2

5. Effluent samples shall be taken at the monitoring site locations listed in permit condition I.A.4. and as described below:

Sample Point	Description of Monitoring Location
OUI-2	discharge from the two solids settling basins or neutralization basin prior to mixing with water in the closed loop cooling canal system

B. Underground Injection Control Systems

1. This section is not applicable to this permit. Discharge by underground injection is regulated under permit UC-13-277655.

C. Land Application Systems

1. This section is not applicable to this facility.

D. Other Methods of Disposal or Recycling

1. There shall be no discharge of industrial wastewater from this facility to ground or surface waters, except as authorized by this permit.

E. Other Limitations and Monitoring and Reporting Requirements

1. Monitoring requirements under this permit are effective on the first day of the second month following permit issuance. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Southeast District Office Discharge Monitoring Reports (DMRs) in accordance

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with the frequencies specified by the REPORT type (i.e., monthly, toxicity, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below.

REPORT Type on DMR	Monitoring Period	DMR Due Date
Monthly or Toxicity	first day of month – last day of month	28th day of following month
Quarterly	January 1 - March 31 April 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

DMRs shall be submitted for each required monitoring period including months of no discharge.

The permittee shall make copies of the attached DMR form(s) and shall submit the completed DMR form(s) to the Department's Southeast District Office at the address specified in Permit Condition I.E.2.

2. Unless specified otherwise in this permit, all reports and notifications required by this permit, including twenty-four hour notifications, shall be submitted to or reported to the Southeast District Office at the address specified below:

   Southeast District Office
   400 North Congress, Suite 200
   West Palm Beach, FL 33401-3303

   Phone Number - (561) 681-6702

3. All reports and other information shall be signed in accordance with requirements of Rule 62-620.305, F.A.C.

4. The permittee shall provide safe access points for obtaining representative samples which are required by this permit.

5. If there is no discharge from the facility on a day scheduled for sampling, the sample shall be collected on the day of the next discharge.

6. Bypasses subject to General Conditions VIII.20 and VIII.22 shall be monitored or estimated daily, or as approved by the Department for flow and other parameters required for the specific outfall that is bypassed. Monitoring results shall be reported to the Department.

7. There shall be no discharge of polychlorinated biphenyl compounds such as those commonly used for transformer fluid.

8. This permit authorizes the use of the following biocides, or their generic equivalents, in various closed cooling water systems without limitations or monitoring; NALCO 7338, NALCO 7330, NALCO 7348, BULAB 6001/6002, BETZ POWERLINE 3610. The Permittee shall notify the Department if there is a discharge of any of these products into the closed cycle cooling canal system in other than de-minimus amounts which contain concentrations of active ingredients above the MDLs for those ingredients.

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9. A permit revision from the Department shall be required prior to the use of any biocide or chemical additive, which may be toxic to aquatic life, (except as authorized elsewhere in this permit) in the cooling water system or any other portion of the industrial wastewater system. The permit revision request shall include:

   a. Name and general composition of biocide or chemical
   b. Frequencies of use
   c. Quantities to be used
   d. Proposed effluent concentrations
   e. Acute and/or chronic toxicity data (laboratory reports shall be prepared according to Section 12 of EPA document no. EPA/600/4-90/027 entitled, Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters for Freshwater and Marine Organisms, or most current addition.)
   f. Product data sheet
   g. Product label

   The Department shall review the above information to determine if a major or minor permit revision is necessary. Discharge associated with the use of such biocide or chemical is not authorized without prior authorization by the Department. Permit revisions shall be processed in accordance with the requirements of Chapter 62-620, F.A.C.

10. Discharge of any product registered under the Federal Insecticide, Fungicide, and Rodenticide Act to any waste stream which ultimately may be released to waters of the State is prohibited unless specifically authorized elsewhere in this permit. This requirement is not applicable to products used for lawn and agricultural purposes or to the use of herbicides if used in accordance with labeled instructions and any applicable State permit.

11. Hydrazine and Monoethanolamine (ETA) Monitoring Requirements

    a) Discharge of hydrazine, carbohydrazide, dimethylamine, and monoethanolamine (ETA) in the boiler or steam generator blowdown is authorized without limitation or monitoring requirements.
    b) Hydrazine from plant layup water during overhauls and/or refueling outages shall be measured at the outlet from the unit being serviced. Sampling shall be once per day of discharge by grab sample at the maximum expected concentration. Results of sampling will be submitted to the Department upon request. To determine the hydrazine concentration being discharged to the cooling canal system, the following equation shall be used:

$$\frac{\textit{(B/S) Blowdown Flow x (B/S) Hydrazine Concentration}}{\textit{Once-through Cooling Water Flow}} = \textit{Hydrazine concentration at the closed cycle cooling canal system}$$

    Where (B/S) refers to boiler or steam generator

    In the event that any value exceeds 3.4 mg/l, the permittee shall immediately modify its release pattern and resample. The Department's Southeast District office will be notified of the situation within five days.

12. Molybdate, Tolytriazole, and Nitrite Discharge Requirements
    The discharge of molybdate, tolytriazole, and nitrite to the closed cycle recirculating cooling canal system during maintenance of the auxiliary closed water system is allowed without limitations and monitoring requirements.

13. Non-discharging/Closed Loop Vehicle Wash Recycle System Requirements

    a) No discharge of recycle system wastewater, including filter backwash water, is authorized to surface water or to ground water.

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b) The rainwater diversion system shall be operated in accordance with the facility's Best Management Practice Procedure as indicated on amended drawing No. 297-036, Alternate No. 6, signed and sealed 4/23/99.

c) A placard shall be conspicuously posted in the area of the non-discharging/closed loop recycle equipment which indicates the proper operation of the rainwater diversion system i.e. TRUCK WASH RAINWATER VALVE OPERATING PROCEDURE as indicated on amended drawing No. 297-036 Alternate No. 6, signed and sealed 4/23/99.

d) d) Spent process wastewater shall be disposed of at a Department permitted wastewater treatment facility which is capable of treating the wastewater.

e) Any oil collected from the oil/water separator shall be disposed by a licensed used oil recycler in accordance with Florida Administrative Code 62-710 or otherwise recycled on site through Department approved methods and procedures.

f) Any accidental discharge to ground water or surface water shall be reported to the Southeast District office.

14. Notwithstanding any other requirements of this "No Discharge" permit, the permittee shall comply with all applicable provisions of the Final Judgement dated September 10, 1971, in Civil Action Number 70-328-CA issued by the U.S. District Judge C. Clyde Atkins of the Southern District of Florida.

II. Industrial Sludge Management Requirements

A. Basic Management Requirements

1. Sludge or other solids generated from the facility shall be reused, reclaimed, or otherwise disposed of in accordance with the requirements of Chapter 62-701, F.A.C.

2. The permittee shall keep records at the facility of the amount of sludge or residuals disposed, transported, or incinerated. If a person other than the permittee is responsible for sludge transporting, disposal, or incineration, the permittee shall also keep the following records:

   a. name, address and telephone number of any transporter, and any manifests or bill of lading used;
   b. name and location of the site of disposal, treatment or incineration;
   c. name, address, and telephone number of the entity responsible for the disposal, treatment, or incineration site.

III. Ground Water Monitoring Requirements

1. This section is not applicable to this facility.

IV. Other Land Application Requirements

1. The Permittee's discharge to ground water shall not cause a violation of the minimum criteria for ground water specified in Rule 62-520.400, F.A.C. and 62-520.430, F.A.C.

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V. Operation and Maintenance Requirements

A. Operation of Treatment and Disposal Facilities

1. The permittee shall ensure that the operation of this facility is as described in the application and supporting documents.

2. The operation of the pollution control facilities described in this permit shall be under the supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control.

B. Record keeping Requirements:

1. The permittee shall maintain the following records on the site of the permitted facility and make them available for inspection:

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports, other than those required in items a. and f. of this section, required by the permit for at least three years from the date the report was prepared, unless otherwise specified by Department rule;

   c. Records of all data, including reports and documents used to complete the application for the permit for at least three years from the date the application was filed, unless otherwise specified by Department rule;

   d. A copy of the current permit;

   e. A copy of any required record drawings;

   f. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date on the logs or schedule.

VI. Schedules

1. The permittee shall achieve compliance with the other conditions of this permit as follows:

   Operational level attained Issuance Date of permit

2. No later than 14 calendar days following a date identified in the above schedule(s) of compliance, the permittee shall submit either a report of progress or, in the case of specific actions being required by an identified date, a written notice of compliance or noncompliance. In the latter case, the notice shall include the cause of noncompliance, any remedial actions taken, and the probability of meeting the next scheduled requirement.

VII. Other Specific Conditions

A. Specific Conditions Applicable to All Permits

1. Drawings, plans, documents or specifications submitted by the permittee, not attached hereto, but retained on file at the Southeast District Office, are made a part hereof.

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2. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) Florida Statutes, applicable portions of reports to be submitted under this permit, shall be signed and sealed by the professional(s) who prepared them.

3. This permit satisfies Industrial Wastewater program permitting requirements only and does not authorize operation of this facility prior to obtaining any other permits required by local, state or federal agencies.

B. Specific Conditions Related to Construction

I. This section is not applicable to this facility.

C. Duty to Reapply

1. The permittee shall submit an application to renew this permit at least 180 days before the expiration date of this permit.

2. The permittee shall apply for renewal of this permit on the appropriate form listed in Rule 62-620.910, F.A.C., and in the manner established in Chapter 62-620, F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.

3. An application filed in accordance with subsections 1. and 2. of this part shall be considered timely and sufficient. When an application for renewal of a permit is timely and sufficient, the existing permit shall not expire until the Department has taken final action on the application for renewal or until the last day for seeking judicial review of the agency order or a later date fixed by order of the reviewing court.

4. The late submittal of a renewal application shall be considered timely and sufficient for the purpose of extending the effectiveness of the expiring permit only if it is submitted and made complete before the expiration date.

D. Specific Conditions Related to Existing Manufacturing, Commercial, Mining, and Silviculture Wastewater Facilities or Activities

1. Existing manufacturing, commercial, mining, and silvicultural wastewater facilities or activities that discharge into surface waters shall notify the Department as soon as they know or have reason to believe:

   a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels
      (1) One hundred micrograms per liter,
      (2) Two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2,4-dinitrophenol and for 2-methyl-4,6-dinitrophenol; and one milligram per liter for antimony, or
      (3) Five times the maximum concentration value reported for that pollutant in the permit application.

   b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels
      (1) Five hundred micrograms per liter,
      (2) One milligram per liter for antimony, or
      (3) Ten times the maximum concentration value reported for that pollutant in the permit application.

E. Reopener Clause

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1. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345 F.A.C., if applicable, or to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the Clean Water Act (the Act), as amended, if the effluent standards, limitations, or water quality standards so issued or approved:

   a. Contains different conditions or is otherwise more stringent than any condition in the permit/or;

   b. Controls any pollutant not addressed in the permit.

   The permit as revised or reissued under this paragraph shall contain any other requirements then applicable.

2. The permit may be reopened to adjust effluent limitations or monitoring requirements should future Water Quality Based Effluent Limitation determinations, water quality studies, DEP approved changes in water quality standards, or other information show a need for a different limitation or monitoring requirement.

3. The Department may develop a Total Maximum Daily Load (TMDL) during the life of the permit. Once a TMDL has been established and adopted by rule, the Department shall revise this permit to incorporate the final findings of the TMDL.

VIII. General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, F.S. Any permit noncompliance constitutes a violation of Chapter 403, F.S., and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1), F.A.C.]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2), F.A.C.]*

3. As provided in Subsection 403.087(6), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringements of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3), F.A.C.]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4), F.A.C.]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be

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a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5), F.A.C.]*

6. If the permittee wishes to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6), F.A.C.]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7), F.A.C.]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8), F.A.C.]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to
   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;
   b. Have access to and copy any records that shall be kept under the conditions of this permit;
   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and
   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9), F.A.C.]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, Florida Statutes, or Rule 62-620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10), F.A.C.]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11), F.A.C.]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12), F.A.C.]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13), F.A.C.]*

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14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the Department approves the transfer. *[62-620.610(14), F.A.C.]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15), F.A.C.]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rule 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Wastewater Permitting at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with Rule 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16), F.A.C.]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:
    a. A description of the anticipated noncompliance;
    b. The period of the anticipated noncompliance, including dates and times; and
    c. Steps being taken to prevent future occurrence of the noncompliance.
    [62-620.610(17), F.A.C.]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate.
    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a Discharge Monitoring Report (DMR), DEP Form 62-620.910(10).
    b. If the permittee monitors any contaminate more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.
    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.
    d. Any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health (DOH) under Chapter 64E-1, F.A.C., where such certification is required by Rule 62-160.300(4), F.A.C. The laboratory must be certified for any specific method and analyte combination that is used to comply with this permit. For domestic wastewater facilities, the on-site test procedures specified in Rule 62-160.300(4), F.A.C., shall be performed by a laboratory certified test for those parameters or under the direction of an operator certified under Chapter 62-602, F.A.C.
    e. Fields activities including on-site tests and sample collection, whether performed by a laboratory or a certified operator, must follow the applicable procedures described in DEP-SOP-001/01 (January 2002). Alternate field procedures and laboratory methods may be used where they have been approved according to the requirements of Rules 62-160.220, 62-160.330, and 62-160.600, F.A.C.
    [62-620.610(18), F.A.C.]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19), F.A.C.]*

20. The permittee shall report to the Department's Southeast District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of

PERMITTEE:

Florida Power & Light Company
9760 S.W. 344 Street
Florida City, FL 33035

PERMIT NUMBER: FL0001562

Issuance date: May 6, 2005
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the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

a. The following shall be included as information which must be reported within 24 hours under this condition:
   (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
   (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
   (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
   (4) Any unauthorized discharge to surface or ground waters.

b. Oral reports as required by this subsection shall be provided as follows:
   (1) For unauthorized releases or spills of untreated or treated wastewater reported pursuant to subparagraph a.4 that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the Department by calling the STATE WARNING POINT TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Warning Point:
      (a) Name, address, and telephone number of person reporting;
      (b) Name, address, and telephone number of permittee or responsible person for the discharge;
      (c) Date and time of the discharge and status of discharge (ongoing or ceased);
      (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
      (e) Estimated amount of the discharge;
      (f) Location or address of the discharge;
      (g) Source and cause of the discharge;
      (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
      (i) Description of area affected by the discharge, including name of water body affected, if any; and
      (j) Other persons or agencies contacted.
   (2) Oral reports, not otherwise required to be provided pursuant to subparagraph b(1) above, shall be provided to Department's Southeast District Office within 24 hours from the time the permittee becomes aware of the circumstances.

c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Southeast District Office shall waive the written report.

[62-620.610(20), F.A.C.]

21. The permittee shall report all instances of noncompliance not reported under Conditions VIII. 18 and 19 of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Condition VIII. 20. of this permit. *[62-620.610(21), F.A.C.]*

22. Bypass Provisions.
   a. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
      (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
      (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventative maintenance; and
      (3) The permittee submitted notices as required under Condition VIII.22.b. of this permit.

PERMITTEE:

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PERMIT NUMBER: FL0001562

Issuance date: May 6, 2005
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b. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Condition VIII.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.
c. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Condition VIII.22 a. (1) through (3) of this permit.
d. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provision of Condition VIII.22.a. through c. of this permit.
[62-620.610(22), F.A.C.]

23. Upset Provisions
a. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
(1) An upset occurred and that the permittee can identify the cause(s) of the upset;
(2) The permitted facility was at the time being properly operated;
(3) The permittee submitted notice of the upset as required in Condition VIII.20. of this permit; and
(4) The permittee complied with any remedial measures required under Condition VIII.5. of this permit.
b. In any enforcement proceeding, the permittee seeking to establish the occurrence of an upset has the burden of proof.
c. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.
[62-620.610(23), F.A.C.]

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION

Mimi A. Drew
Director, Division of Water Resource Management
2600 Blair Stone Road
Tallahassee, Florida 32399-2400
(850) 245-8592

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed mail this report to: Department of Environmental Protection, Wastewater Compliance Evaluation Section, MS 3551 , 2600 Blair Stone Road, Tallahassee, FL 32399-2400

PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

FACILITY: FPL Turkey Point Power Plant
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

COUNTY: Dade

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Industrial

MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESC: non-contact once through condenser cooling water

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water	Sample Measurement										
PARM Code 00011 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	DEG.F		Monthly	Instantaneous
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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PERMITTEE NAME: Florida Power & Light Company
MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

FACILITY: FPL Turkey Point Power Plant
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

COUNTY: Dade

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Industrial

MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESC: non-contact once through condenser cooling water

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	MG/L		Quarterly	Grab
pH	Sample Measurement										
PARM Code 00400 P Mon. Site No. OUI-1	Permit Requirement					Report (Day.Min.)	Report (Day.Max.)	SU		Quarterly	Grab
Salinity	Sample Measurement										
PARM Code 00480 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	PPT		Quarterly	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	UMHO/ CM		Quarterly	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

FACILITY: FPL Turkey Point Power Plant
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

COUNTY: Dade

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Semiannual
GROUP: Industrial

MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESC: non-contact once through condenser cooling water

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	UG/L		Semiannually	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	MG/L		Semiannually	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	UG/L		Semiannually	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

FACILITY: FPL Turkey Point Power Plant
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

COUNTY: Dade

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Monthly
GROUP: Industrial

MONITORING GROUP NUMBER: I-002
MONITORING GROUP DESC: low volume wastewater (LVW) and equipment area stormwater discharged

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 P Mon. Site No. OUI-002	Permit Requirement					Report (Day.Min.)	Report (Day.Max.)	SU		Monthly	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										

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MAILING ADDRESS: 9760 S.W. 344 Street
Florida City, FL 33035

FACILITY: FPL Turkey Point Power Plant
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

COUNTY: Dade

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Quarterly
GROUP: Industrial

MONITORING GROUP NUMBER: I-002
MONITORING GROUP DESC: low volume wastewater (LVW) and equipment area stormwater discharged

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Specific Conductance	Sample Measurement										
PARM Code 00095 P Mon. Site No. OUI-002	Permit Requirement						Report (Day.Max.)	UMHO/ CM		Quarterly	Grab
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
	Permit Requirement										
	Sample Measurement										
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DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

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FACILITY: FPL Turkey Point Power Plant
LOCATION: 9760 S.W. 344 Street
Florida City, FL 33035

COUNTY: Dade

PERMIT NUMBER FL0001562

LIMIT: Final
CLASS SIZE: Major

REPORT: Semiannual
GROUP: Industrial

MONITORING GROUP NUMBER: I-002
MONITORING GROUP DESC: low volume wastewater (LVW) and equipment area stormwater discharged

NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. OUI-002	Permit Requirement						Report (Day.Max.)	MG/L		Semiannually	Grab
Lead, Total Recoverable	Sample Measurement										
PARM Code 01114 P Mon. Site No. OUI-002	Permit Requirement						Report (Day.Max.)	UG/L		Semiannually	Grab
Oil and Grease	Sample Measurement										
PARM Code 00556 P Mon. Site No. OUI-002	Permit Requirement						Report (Day.Max.)	MG/L		Semiannually	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon. Site No. OUI-002	Permit Requirement						Report (Day.Max.)	UG/L		Semiannually	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. OUI-002	Permit Requirement						Report (Day.Max.)	UG/L		Semiannually	Grab
	Sample Measurement										
	Permit Requirement										

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (YY/MM/DD)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions as well as the SUPPLEMENTAL INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.
When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

Add the results to get the Total and divide by the number of days in the month to get the Monthly Average.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.

FLORIDA DEPARTMENT OF
Environmental Protection

Tallahassee Office
2600 Blair Stone Road, M.S. 3545
Tallahassee, Florida 32399-2400

Ron DeSantis
Governor

Jeanette Nuñez
Lt. Governor

Noah Valenstein
Secretary

April 13, 2020

SENT BY EMAIL TO:
(Brian.Stamp@fpl.com)

In the Matter of an
Application for Permit by:

Florida Power & Light Company
Mr. Brian Stamp
Plant Turkey Nuclear General Manager
9760 SW 344 Street
Florida City, Florida 33035

Miami-Dade County
Turkey Point Power Plant
NPDES Permit No. FL0001562
PA File No. FL0001562-012-IW1N

INTENT TO ISSUE

The Department of Environmental Protection gives notice of its intent to issue a permit (copy of conditions attached) for the proposed project as detailed in the application specified above, for the reasons stated below.

The applicant, Florida Power & Light Company, applied on October 22, 2009, to the Department of Environmental Protection for a permit to operate wastewater treatment and effluent disposal facilities at Turkey Point Power Plant. The facility is located at 9760 SW 344 Street, Florida City, Florida 33035 in Miami-Dade County, Florida.

The Department has permitting jurisdiction under Chapter 403, Florida Statutes (F.S.), and applicable rules of the Florida Administrative Code (F.A.C.). The project is not exempt from permitting procedures. The Department has determined that a wastewater permit is required for the proposed work.

Based upon the application and supplemental information, the Department has determined that the applicant has provided reasonable assurance that the above described wastewater project complies with the applicable provisions of Chapter 403, F.S., and Title 62 of the F.A.C.

Under Section 403.815, F.S., and Rule 62-110.106, F.A.C., you (the applicant) are required to publish at your own expense the enclosed Notice of Intent to Issue Permit. The notice must be published one time only within 30 days of receipt of this intent to issue in the legal ad section of a newspaper of general circulation in the area affected. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used should be one with significant

circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant must provide proof of publication to the Department's Wastewater Management Program, 2600 Blair Stone Road, M.S. 3545, Tallahassee, Florida 32399-2400 within two weeks of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit under Rule 62-110.106(11), F.A.C.

NOTICE OF RIGHTS

The Department will issue the permit unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing

A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
(c) A statement of when and how the petitioner received notice of the agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;
(f) A statement of the specific rules or statutes that the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

In accordance with Rule 62-110.106(3), F.A.C., petitions for an administrative hearing by the applicant and persons entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of receipt of this written notice. Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of

the notice or within 14 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

EXECUTION AND CLERKING

Executed in Tallahassee, Florida.

STATE OF FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Benjamin M. Melnick
Director
Division of Water Resource Management

Attachment(s):

1. Proposed Permit No. FL0001562
2. Notice of Intent to Issue Permit for newspaper publication
3. Discharge Monitoring Report
4. Fact Sheet

CERTIFICATE OF SERVICE

The undersigned duly designated deputy clerk hereby certifies that this document and all attachments were sent on the filing date below to the following listed persons:

Danielle Hall, Environmental Services Manager, FPL (danielle.hall@fpl.com)
EPA Region 4 (r4npdespermits@epa.gov)
Karrie-Jo Shell, Power Plant NPDES Permits, EPA Region 4 (shell.karrie-Jo@epa.gov)
Lee Hefty, Director, Division of Regulatory and Economic Resources, Miami-Dade DERM (heftyl@miamidade.gov)
Terrie Bates, Director, Water Resources Division, SFWMD (tbates@sfwmd.gov)
Audrey M. Edmonson, Chairman, Board of Miami-Dade County Commissioners (district3@miamidade.gov)
FWC, Conservation Planning Services (fwcconservationplanningservices@myfwc.com)
Charles Calleson, U.S. Fish and Wildlife Service (charles_calleson@fws.gov)
Nick Farmer, Ph.D., National Marine Fisheries Service (nick.farmer@noaa.gov)
Joe Heublein, National Marine Fisheries Service (joe.heublein@noaa.gov)
Penelope Del Bene, Superintendent, Biscayne National Park, National Park Service (penelope_delbene@nps.gov)
Florida Department of Economic Opportunity, State Land Planning Agency (dcppermits@deo.myflorida.com)
Florida Department of State, Bureau of Historic Preservation (compliancepermits@dos.state.fl.us)
U.S. Army Corps of Engineers (james.j.mcadams@usace.army.mil)
Jason Andreotta, Director, Southeast District, FDEP (jason.andreotta@floridadep.gov)
Kent Edwards, Program Administrator, Southeast District, FDEP (kent.edwards@floridadep.gov)
Cindy Mulkey, Program Administrator, Siting Coordination Office, FDEP (cindy.mulkey@floridadep.gov)

FILING AND ACKNOWLEDGMENT
FILED, on this date, pursuant to Section 120.52, F. S., with the designated Department Clerk, receipt of which is hereby acknowledged.

Shirley Shields
Clerk

April 13, 2020
Date

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT

The Department of Environmental Protection gives notice of its intent to issue a permit to Florida Power & Light Company for the Turkey Point Power Plant. This permit authorizes the permittee to operate wastewater treatment and effluent disposal facilities at the Turkey Point Power Plant. The facility is located at 9760 SW 344 Street, Florida City, Florida 33035 in Miami-Dade County, Florida. The Department has assigned permit file number FL0001562-012-IW1N to the proposed project.

The intent to issue and application file are available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Department's Wastewater Management Program, 2600 Blair Stone Road, M.S. 3545, Tallahassee, Florida 32399-2400, at phone number (850)245-8589.

NOTICE OF RIGHTS

The Department will issue the permit unless a petition for an administrative hearing is timely filed under Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. On the filing of a timely and sufficient petition, this action will not be final and effective until further order of the Department. Because the administrative hearing process is designed to formulate final agency action, the hearing process may result in a modification of the agency action or even denial of the application.

Petition for Administrative Hearing
A person whose substantial interests are affected by the Department's action may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. Pursuant to Rules 28-106.201 and 28-106.301, F.A.C., a petition for an administrative hearing must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;
(b) The name, address, any e-mail address, any facsimile number, and telephone number of the petitioner, if the petitioner is not represented by an attorney or a qualified representative; the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
(c) A statement of when and how the petitioner received notice of the Department's agency decision;
(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
(e) A concise statement of the ultimate facts alleged, including the specific facts that the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; and
(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wishes the agency to take with respect to the agency's proposed action.

The petition must be filed (received by the Clerk) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us. Also, a copy of the petition shall be mailed to the applicant at the address indicated above at the time of filing.

Time Period for Filing a Petition

Petitions filed by any persons other than the applicant, and other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 days of publication of the notice or within 14 days of receipt of the written notice, whichever occurs first. The failure to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the discretion of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

Extension of Time

Under Rule 62-110.106(4), F.A.C., a person whose substantial interests are affected by the Department's action may also request an extension of time to file a petition for an administrative hearing. The Department may, for good cause shown, grant the request for an extension of time. Requests for extension of time must be filed with the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, or via electronic correspondence at Agency_Clerk@dep.state.fl.us, before the deadline for filing a petition for an administrative hearing. A timely request for extension of time shall toll the running of the time period for filing a petition until the request is acted upon.

Mediation

Mediation is not available in this proceeding.

STATE OF FLORIDA
INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMITTEE:
Florida Power & Light Company (FPL)
9760 S.W. 344 Street
Florida City, Florida 33035

PERMIT NUMBER: FL0001562 (Major)
FILE NUMBER: FL0001562-012-IW1N
ISSUANCE DATE: **PROPOSED**
EXPIRATION DATE: **PROPOSED**

RESPONSIBLE OFFICIAL:

Brian Stamp
Point Turkey Nuclear (PTN) General Manager

FACILITY:

FPL Turkey Point Power Plant
9760 SW 344 Street
Florida City, Florida 33035
Miami-Dade County

Latitude: 25° 26' 09" N Longitude: 80° 19' 51" W

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and applicable rules of the Florida Administrative Code (F.A.C.), and authorizes discharges explicitly expressed in this permit. The above-named permittee is hereby authorized to operate the facilities shown on the application and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

FACILITY DESCRIPTION:

Turkey Point (Figure 1) is located on approximately 11,000 acres in unincorporated southeast Miami-Dade County about 25 miles south of Miami and about nine miles east of Florida City and Homestead. Biscayne National Park lies adjacent to northeastern and eastern portions of the facility. The Biscayne Bay Aquatic Preserve is north northeast and southeast of the facility. Everglades National Park is to the south and west (Figure 2). The boundaries of the facility governed by this permit are provided in Figure 3. A map showing the boundaries of the Turkey Point facility, Biscayne National Park, and Biscayne Bay Aquatic Preserve is attached to this permit.

Several canals are in close proximity to the facility. West of the facility are the South Florida Water Management District (SFWMD) L-31E Canal, the historic C-106 Canal (Model Lands North Canal), and the historic C-107 Canal (Model Lands South Canal). Southeast of the facility is the Card Sound Canal and southwest and south is the SFWMD S-20 Discharge Canal. The remnant canals at Turtle Point and the Barge Basin are located east northeast and northeast of the facility, respectively.

The facility consists of three electrical generating units: two nuclear units (Units 3 and 4) and one natural gas-fired combined cycle unit (Unit 5). Units 3, 4, and 5 began commercial operation in 1972, 1973, and 2007, respectively. Units 3 and 4 each have a nominal capacity of 815 Megawatts (MW) and Unit 5 has a nominal capacity of 1209 MW. Units 3, 4 and 5 are also regulated under the Florida Electrical Power Plant Siting Act (License No. PA03-045).

FPL owns and operates a cooling canal system (CCS) at the facility, which provides wastewater treatment and effluent disposal for Units 3, 4, and 5. The CCS provides a heat removal function for the cooling water from Units 3 and 4. The heated water generated by operation of Units 3 and 4 is discharged to the recirculating CCS and returned to Units 3 and 4. The temperature of the water returned to Units 3 and 4 is regulated by the U.S. Nuclear Regulatory Commission under the Atomic Energy Act. Groundwater withdrawals from the Floridan aquifer is the source of cooling water for Unit 5, and is authorized under License No. PA03-045.

WASTEWATER TREATMENT:

Stormwater and wastewater associated with power generation and ancillary activities are released to the CCS, which discharges to groundwater beneath the system.

Stormwater runoff associated with loading and unloading operations, outdoor storage, outdoor process activities, and ancillary maintenance activities is directed toward and released into the CCS. The quantities of stormwater generated from these activities are dependent on many variables, including the length and intensity of the storm event. Wastewater generated by Units 3 and 4 includes intermittent chemical volume control system including wet lay-up, feedwater condensate including wet lay-up, on-line chemical analyzer, steam generator blowdown, condensate polisher backwash, reverse osmosis reject, circulating water pumps seal water, alternate flow from the circulating water pump seal water tank, non-equipment area stormwater, maintenance/wash through equipment area/closed cooling water system maintenance, plant intake screen wash, and non-contact once-through condenser cooling water (OTCW).

Wastewater generated by Unit 5 includes cooling water, emergency generator backup cooling water, non-equipment area stormwater, equipment area stormwater and plant drains following oil/water separation, and wastewater sump discharge which includes heat recovery steam generator blowdown, wastewater treatment system blowdown, and cooling water treatment reject.

REUSE OR DISPOSAL:

Groundwater Discharge: The CCS is not lined, and is authorized to discharge to Class G-III groundwater. Groundwater monitoring requirements for this facility are in accordance with Section I of this permit. The discharge shall meet the Class G-III groundwater standards of Rule 62-520.430, F.A.C. In addition, the discharge shall not impair the reasonable and beneficial use of adjacent waters beyond the facility boundary in Figure 3 in accordance with Rule 62-520.400(1)(f), F.A.C. The 1972 Environmental Impact Statement acknowledges that some seepage of water from the CCS may reach surface waters. To the extent that such seepage occurs, it shall not cause or contribute to a violation of the surface water quality standards or criteria in Chapter 62-302, F.A.C. This authorization to discharge shall not be deemed to pre-empt or prohibit the regulatory implementation, adoption, continuation or enforcement of standards or criteria established by a local government through a local pollution control program.

Surface Water Discharges: This permit does not authorize surface water discharges from the CCS through a point source to surface waters of the State.

Internal Outfall I-001: An existing permitted outfall that discharges plant process wastewater to the facility's on-site CCS.

Groundwater Monitoring Group G-001: A new permitted series that monitors groundwater.

Surface Water Monitoring Group D-01A: A new permitted series of surface water monitoring sites in Biscayne Bay, L-31E canal, S-20 canal and Card Sound canal that monitors surface waters.

Porewater Monitoring Group D-02A: A new permitted series of porewater (free water present in sediments) monitoring sites in coastal marine wetlands north, east, and south of the facility's onsite CCS.

Stormwater Discharges: This permit authorizes stormwater to be released to the facility's on-site CCS. Stormwater will intermittently include wash-down water consisting of potable water with no additives.

IN ACCORDANCE WITH: The limitations, monitoring requirements and other conditions as set forth in Part I through Part IX on pages 2 through 44 of this permit.

I. GROUNDWATER MONITORING REQUIREMENTS

1. The permittee's discharges to groundwater shall not cause a violation of the groundwater quality standards or criteria specified in Rules 62-520.400, 62-520.420 and 62-520.430, F.A.C., in adjacent groundwaters.[1] Compliance with this requirement shall be achieved in accordance with the Compliance Schedule in Section VI.8 - 10 of this permit as supplemented by the groundwater well monitoring in this Section.

[1] Consent Order OGC File Number 16-0241, paragraphs 19 and 20 stipulate remedial actions and timelines for achieving compliance with groundwater minimum criteria of Rule 62-520.400, F.A.C.

PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

2. The permittee's discharges to groundwater shall not impair the designated use of contiguous surface waters.[2] *[62-520.310(2)]*

3. During the period of operation authorized by this permit, the permittee shall sample groundwater from the Biscayne aquifer from the following monitoring wells, designated as **Groundwater Monitoring Group G-001,** as described below:

Monitoring Well ID	Description of Monitoring Location	Latitude			Longitude		
		o	'	"	o	'	"
TPGW-1S	West of Canal L-31E, west of northwest corner of the CCS (shallow)	25	26	4.7	80	21	15.8
TPGW-1M	West of Canal L-31E, west of northwest corner of the CCS (intermediate)	25	26	4.7	80	21	15.8
TPGW-1D	West of Canal L-31E, west of northwest corner of the CCS (deep)	25	26	4.7	80	21	15.8
TPGW-2S	West of the south-central portion of the CCS (shallow)	25	22	54.2	80	22	11.4
TPGW2M	West of the south-central portion of the CCS (intermediate)	25	22	54.2	80	22	11.4
TPGW-2D	West of the south-central portion of the CCS (deep)	25	22	54.2	80	22	11.4
TPGW-3S	South of the CCS (shallow)	25	20	42.1	80	20	51.9
TPGW-3M	South of the CCS (intermediate)	25	20	42.1	80	20	51.9
TPGW-3D	South of the CCS (deep)	25	20	42.1	80	20	51.9
TPGW-4S	Southwest Model Lands, at Tallahassee Road (shallow)	25	22	12.0	80	24	44.1
TPGW-4M	Southwest Model Lands, at Tallahassee Road (intermediate)	25	22	12.0	80	24	44.1
TPGW-4D	Southwest Model Lands, at Tallahassee Road (deep)	25	22	12.0	80	24	44.1
TPGW-5S	Northwest Model Lands – east of Tallahassee Road (shallow)	25	25	23.9	80	24	13.3
TPGW-5M	Northwest Model Lands – east of Tallahassee Road (intermediate)	25	25	23.9	80	24	13.3
TPGW-5D	Northwest Model Lands – east of Tallahassee Road (deep)	25	25	23.9	80	24	13.3
TPGW-6S	Northwest of the CCS, east of Homestead – Miami Speedway (shallow)	25	27	20.3	80	23	13.0
TPGW-6M	Northwest of the CCS, east of Homestead – Miami Speedway (intermediate)	25	27	20.3	80	23	13.0
TPGW-6D	Northwest of the CCS, east of Homestead – Miami Speedway (deep)	25	27	20.3	80	23	13.0
TPGW-7S	Northwest Model Lands (shallow)	25	26	02.5	80	25	40.7
TPGW-7M	Northwest Model Lands (intermediate)	25	26	02.5	80	25	40.7
TPGW-7D	Northwest Model Lands (deep)	25	26	02.5	80	25	40.7
TPGW-8S	West central Model Lands (shallow)	25	24	36.4	80	27	08.7
TPGW-8M	West central Model Lands (intermediate)	25	24	36.4	80	27	08.7
TPGW-8D	West central Model Lands (deep)	25	24	36.4	80	27	08.7
TPGW-9S	West of Card Sound Canal Road, southwest of CCS (shallow)	25	22	28.6	80	28	41.9
TPGW-9M	West of Card Sound Canal Road, southwest of CCS (intermediate)	25	22	28.6	80	28	41.9
TPGW-9D	West of Card Sound Canal Road, southwest of CCS (deep)	25	22	28.6	80	28	41.9
TPGW-10S	Biscayne Bay, channel entrance to Barge Basin (shallow)	25	26	27.4	80	19	29.0
TPGW-10M	Biscayne Bay, channel entrance to Barge Basin (intermediate)	25	26	27.4	80	19	29.0
TPGW-10D	Biscayne Bay, channel entrance to Barge Basin (deep)	25	26	27.4	80	19	29.0
TPGW-11S	Biscayne Bay, east of the CCS (shallow)	25	23	49.4	80	18	15.0
TPGW-11M	Biscayne Bay, east of the CCS (intermediate)	25	23	49.4	80	18	15.0
TPGW-11D	Biscayne Bay, east of the CCS (deep)	25	23	49.4	80	18	15.0
TPGW-12S	North of the CCS (shallow)	25	26	55.4	80	20	22.9
TPGW-12M	North of the CCS (intermediate)	25	26	55.4	80	20	22.9
TPGW-12D	North of the CCS (deep)	25	26	55.4	80	20	22.9
TPGW-13S	In the central portion of the CCS (shallow)	25	23	39.0	80	21	07.1
TPGW-13M	In the central portion of the CCS (intermediate)	25	23	39.0	80	21	07.1
TPGW-13D	In the central portion of the CCS (deep)	25	23	39.0	80	21	07.1
TPGW-14S	Biscayne Bay, southeast of the CCS (shallow)	25	21	15.5	80	19	34.5
TPGW-14M	Biscayne Bay, southeast of the CCS (intermediate)	25	21	15.5	80	19	34.5
TPGW-14D	Biscayne Bay, southeast of the CCS (deep)	25	21	15.5	80	19	34.5
TPGW-15S	Northwest corner of CCS (shallow)	25	25	56.9	80	21	2.5

[2] Consent Order OGC File Number 16-0241, paragraphs 19 and 21 stipulate actions and timelines to prevent violations subsection 62-520.310(2), F.A.C.

PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

Monitoring Well ID	Description of Monitoring Location	Latitude			Longitude		
		o	'	"	o	'	"
TPGW-15M	Northwest corner of CCS (intermediate)	25	25	56.9	80	21	2.5
TPGW-15D	Northwest corner of CCS (deep)	25	25	56.9	80	21	2.5
TPGW-16S	East of the south-central portion of the CCS (shallow)	25	22	37.7	80	19	53.8
TPGW-16M	East of the south-central portion of the CCS (intermediate)	25	22	37.7	80	19	53.8
TPGW-16D	East of the south-central portion of the CCS (deep)	25	22	37.7	80	19	53.8
TPGW-17S	East of the L-31E canal, adjacent to S-20 structure (shallow)	25	22	1.4	80	22	32.2
TPGW-17M	East of the L-31E canal, adjacent to S-20 structure (intermediate)	25	22	1.4	80	22	32.2
TPGW-17D	East of the L-31E canal, adjacent to S-20 structure (deep)	25	22	1.4	80	22	32.2
TPGW-18S	Model Lands, west of L-3 (shallow)	25	25	12.5	80	22	17.8
TPGW-18M	Model Lands, west of L-3 (intermediate)	25	25	12.5	80	22	17.8
TPGW-18D	Model Lands, west of L-3 (deep)	25	25	12.5	80	22	17.8
TPGW-19S	Model Lands, north of Florida City Canal (shallow)	25	26	54.2	80	21	31.33
TPGW-19M	Model Lands, north of Florida City Canal (intermediate)	25	26	54.2	80	21	31.33
TPGW-19D	Model Lands, north of Florida City Canal (deep)	25	26	54.2	80	21	31.33
TPGW-20D	Adjacent to City of Homestead baseball complex	25	27	9.99	80	26	0.5
TPGW-21S	Converted USGS well G-3164 (shallow)	25	25	20.2	80	26	10
TPGW-21M	Converted USGS well G-3164 (intermediate)	25	25	20.2	80	26	10
TPGW-21D	Converted USGS well G-3164 (deep)	25	25	20.2	80	19	10
L-3	East of the L-31E canal, north-central portion of the CCS (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	25	09.7	80	21	28.7
L-5	East of the L-31E canal, south-central portion of the CCS (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	23	20.9	80	22	07.3
G-28	Tallahassee Rd, south of Model Lands basin (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	23	25.5	80	24	43.6
G-21	Tallahassee Rd, north of Model Lands basin (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	25	34.8	80	24	42.9

[62-520.600]

4. The following parameters shall be analyzed for monitoring wells identified in Permit Condition I.3. Results shall be reported in accordance with Permit Conditions II.D.3:

Parameter*	Units	Sample Type	Monitoring Frequency
Temperature	Deg F	Automated**	Quarterly
Water Level Relative to NAVD	ft	Automated	Quarterly
Specific Conductance	umhos/cm	Automated**	Quarterly
Salinity	PSU	Automated	Quarterly
Fluid Density	g/cm^3	Automated	Quarterly
pH	s.u.	Grab	Quarterly
Solids, Total Dissolved (TDS)	mg/L	Grab	Quarterly
Chloride (as Cl)	mg/L	Grab	Quarterly
Sodium, Total	mg/L	Grab	Quarterly
Calcium, Total	mg/L	Grab	Quarterly
Potassium, Total	mg/L	Grab	Quarterly
Iron, Total Recoverable	mg/L	Grab	Quarterly
Tritium[3]	pCi/L	Grab	Quarterly

[3] The permittee shall submit a summary of at least the latest twelve months of tritium results available by August 31 of each year in lieu of submitting the results on a discharge monitoring report.

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Parameter*	Units	Sample Type	Monitoring Frequency
Nitrogen, Ammonia, Total (as N)	mg/L	Grab	Quarterly
Ammonium ion (NH_4^+)	mg/L	Grab	Quarterly
Ammonia, Total Unionized (as NH_3)	mg/L	Grab	Quarterly
Nitrite plus Nitrate, Total (as N)	mg/L	Grab	Quarterly
Nitrogen, Kjeldahl, Total (as N)	mg/L	Grab	Quarterly
Nitrogen, Total	mg/L	Grab	Quarterly
Phosphorus, Total (as P)	mg/L	Grab	Quarterly
Phosphate, Ortho (as PO_4)	mg/L	Grab	Quarterly
Boron, Total Recoverable	mg/L	Grab	Semi-Annually
Magnesium, Total Recoverable	mg/L	Grab	Semi-Annually
Sulfate, Total	mg/L	Grab	Semi-Annually
Sulfide	mg/L	Grab	Semi-Annually

[62-520.600(11)(b)]

*The above listed parameters are report except for Nitrite plus Nitrate, Total (as N), which has a limit of 10 mg/L in samples collected from monitoring wells TPGW-L3-18, and TPGW-L5-18.

** Because L and G wells are not automated, automated parameters shall be collected as grab samples on a quarterly basis. In addition, quarterly temperature and specific conductance profiles shall be collected at 1-foot intervals.

5. Monitoring wells TPGW- 1, 4, 5, 6, 17, 18, and 19 shall serve to aid in the determination of the success of the retraction of the hypersaline plume, as set out in Section VI of this permit.

6. In accordance with Chapter 62-160, F.A.C., records of the sampling protocol shall be maintained on-site for each monitoring well. This record shall include water level, total depth of the well, volume of water in the well, volume of water removed (during analytic sampling), stabilization documentation including pH, conductivity, and temperature; time interval of purging; time sample is taken; and device(s) used for purging (including discharge rate) and sampling. All records shall be kept on site and made available to the Department upon request.

7. In the event the water quality monitoring shows an exceedance of the applicable water quality standards for Nitrite plus Nitrate, Total (as N), the permittee shall arrange for a confirmation re-sampling within 15 days after the permittee's receipt of laboratory results. If the initial results demonstrate or the re-sampling confirms groundwater exceedances, the permittee shall notify the Department in writing within 14 days of this finding and the permittee shall be required to implement Department-approved corrective action to address the water quality violation and/or impacts within the timetable provided by the Department.

8. During well sampling, water levels shall be measured on the sample day and recorded prior to evacuating the wells or collecting samples. Water level, top of well casing and land surface elevations at each well site, at a precision of plus or minus 0.01 feet using a consistent, nationally recognized datum, shall be reported on each analysis report. Prior to sampling, the field parameters shall be stabilized from each well. Sampling and purging methods in the SOPs, as allowed in Chapter 62-160, F.A.C., must be used. *[62-520.600(11)(c)]*

9. Analyses shall be conducted on unfiltered samples, unless filtered samples have been approved by the Department's Southeast District Office as being more representative of groundwater conditions. *[62-520.310(5)]*

10. If any monitoring well becomes damaged or inoperable, the permittee shall notify the Department's Southeast District Office immediately and a detailed written report shall follow within seven days. The written report shall detail what problem has occurred and remedial measures that have been taken to prevent recurrence. All monitoring well design and replacement shall be approved by the Department's Southeast District Office prior to installation. *[62-520.600(6)(l)]*

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11. All wells shall be plugged and abandoned in accordance with subsection 62-532.500(5), F.A.C., unless future use is intended. *[62-532.500(5)]*

12. The permittee shall provide verbal notice to the Department as soon as practical after discovery of a sinkhole within an area for the management or application of wastewater or sludge. In accordance with permit condition IX.20, the permittee shall immediately implement measures to control the entry of contaminants into waters.

II. SURFACE WATER EFFLUENT LIMITATIONS AND MONITORING REQUIREMENTS

A. Surface Water Monitoring

1. Point source discharges, as defined in subsection 62-620.200(37), F.A.C., from the facility to surface waters of the State are not authorized under this permit.

2. The discharges approved by this permit shall not cause or contribute to a violation of the surface water quality standards or criteria in Rule 62-302, F.A.C.

3. The permittee shall not increase the temperature of the surrounding surface water bodies beyond the CCS periphery so as to cause substantial damage or harm to the aquatic life or vegetation therein or interfere with beneficial uses assigned to the surface water bodies. *[62-302.520(1)(a)]*

4. During the period of operation authorized by this permit, the permittee shall sample surface waters at surface water monitoring sites, designated as **Surface Water Monitoring Group D-01A,** as specified below and reported in accordance with Permit Condition II.D.3:

			Monitoring Requirements					
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Temperature, Water	Deg F	Max Max	Report Report	Daily Maximum Monthly Average	Monthly	In situ	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
pH	s.u.	Max Min	Report Report	Daily Maximum Daily Minimum	Quarterly	Grab or In situ	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Solids, Total Dissolved (TDS)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Salinity	PSU	Max	Report	Daily Maximum	Monthly	In situ	SWD- 8, 9, 10, 11, 12	
				Monthly Average	Monthly	Calculated	SWD-1	
				Monthly Average	Monthly	In situ	SWD-8, 9, 10, 11, 12	
Specific Conductance	umhos/cm	Max	Report	Daily Maximum	Quarterly	In situ	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Turbidity	NTU	Max	Report	Daily Maximum	Quarterly	Grab	SWD-8, 9, 10, 11, 12	
Nitrogen, Ammonia, Total (as N)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Ammonia, Total Unionized (as NH_3)	mg/L	Max	Report	Daily Maximum	Quarterly	Calculated	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Ammonium ion (NH_4^+)	mg/L	Max	Report	Daily Maximum	Quarterly	Calculated	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Nitrite plus Nitrate, Total (as N)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Nitrogen, Kjeldahl, Total (as N)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	

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			Monitoring Requirements					
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Calculated	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Phosphate, Ortho (as PO_4)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Phosphorous, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Chlorophyll *a*	µg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Copper, Total Recoverable	µg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Iron, Total Recoverable	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Zinc, Total Recoverable	µg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Boron, Total Recoverable	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Chlorides (as Cl)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
				Monthly Average	Monthly	Calculated	SWD-1	
Magnesium, Total Recoverable	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Sodium, Total Recoverable	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Sulfate, Total	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	
Tritium[4]	pCi/L	Max	Report	Daily Maximum	Quarterly	Grab	SWD-2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12	

5. Surface water samples shall be taken at the monitoring locations described below for the parameters listed in Permit Condition II.A.4.:

Monitoring Site Number	Sample Station ID	Location	Latitude			Longitude		
			o	'	"	o	'	"
SWD-1	--	The average of the following six salinity and chlorides monitoring locations in Biscayne Bay (TPBBSW-3, TPBBSW-4, TPBBSW-5, TPBBSW-7, TPBBSW-10, TPBBSW-14).						
SWD-2	TPBBSW-3 (bottom and top)	Biscayne Bay	25	23	49.38	80	18	14.82
SWD-3	TPBBSW-4 (bottom and top)	Biscayne Bay	25	20	40.34	80	19	43.90
SWD-4	TPBBSW-5 (bottom and top)	Biscayne Bay	25	19	13.69	80	22	1.70
SWD-5	TPBBSW-7T (bottom and top)	Biscayne Bay near Turtle Point Canal Dam	25	25	9.99	80	19	42.15
SWD-6	TPBBSW-10 (bottom and top)	Biscayne Bay	25	26	27.83	80	19	22.92
SWD-7	TPBBSW-14 (bottom and top)	Biscayne Bay	25	25	15.50	80	19	34.50

[4] The permittee shall submit a summary of at least the latest twelve months of tritium results available by August of each year in lieu of submitting the results on a discharge monitoring report.

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SWD-8	TPSWC-1B (bottom) TPSWC-1T (top)	L-31E Canal	25	25	58.44	80	21	11.87
SWD-9	TPSWC-2B (bottom) TPSWC-2T (top)	L-31E Canal	25	24	21.20	80	21	46.30
SWD-10	TPSWC-3B (bottom) TPSWC-3T (top)	L-31E Canal	25	22	10.47	80	22	33.00
SWD-11	TPSWC-4B (bottom) TPSWC-4T (top)	S-20 Canal	25	21	24.10	80	22	3.00
SWD-12	TPSWC-5B (bottom) TPSWC-5T (top)	Card Sound Canal at Hotel 2 Dam	25	21	24.62	80	20	18.70

6. Top samples shall be collected 0.5 m below the water surface. Bottom samples shall be collected 0.5 m above the sediment. Bottom samples may be modified to avoid sediment in samples.

B. Internal Outfalls

1. During the period beginning on the issuance date and lasting through the expiration date of this permit, the permittee is authorized to release non-process wastewater, consisting of OTCW, AECW, cooling tower blowdown, LVW, and stormwater. LVW consists of chemical treatment system wastewater, heat recovery steam generator blowdown, reverse osmosis concentrate, and condensate polishing system backwash water. Stormwater from equipment and containment areas is treated via oil/water separators prior to entering the CCS, as indicated in the permit renewal application, from **Internal Outfall I-001** to the on-site feeder canal within the CCS. Such releases shall be limited and monitored by the permittee as specified below and reported in accordance with Permit Condition II.D.3:

			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Temperature, Water	Deg F	Max Max	Report Report	Daily Maximum Monthly Average	Monthly	In situ	OUI-1	
Solids, Total Suspended	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1	
Biochemical Oxygen Demand (BOD)	mg/L	Max	Report	Daily Maximum	Monthly	Grab	CAL-1	
Dissolved Oxygen (DO), % Saturation	Percent	Min	Report	Monthly Average	Monthly	Calculated	CAL-1	
Oxygen Reduction Potential	mv	Max	Report	Daily Maximum	Monthly	Meter	CAL-1	
pH	s.u.	Max Min	Report Report	Daily Maximum Daily Minimum	Quarterly	Grab	OUI-1	
Color	PCU	Max	Report	Daily Maximum	Monthly	Grab	OUI-1	
Solids, Total Dissolved	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1	
Salinity	PSU	Max	Report	Daily Maximum	Monthly	Grab	CAL-1	See II.B.4
				Monthly Average	Monthly	Grab	CAL-1	
			Report	Annual Average	Daily	Grab	CAL-1	
Specific Conductance	µmhos/cm	Max	Report	Daily Maximum	Quarterly	Grab	CAL-1	
Turbidity	NTU	Max	Report	Daily Maximum	Quarterly	Grab	CAL-2	
Nitrogen, Ammonia, Total (as N)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	
Ammonia, Total Unionized (as NH_3)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	
Ammonium ion (NH_4^+)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	

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			Effluent Limitations		Monitoring Requirements			
Parameter	Units	Max/ Min	Limit	Statistical Basis	Frequency of Analysis	Sample Type	Monitoring Site Number	Notes
Nitrite plus Nitrate, Total (as N)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	
Nitrogen, Kjeldahl, Total (as N)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	
Nitrogen, Total	mg/L	Max	Report	Single Sample	Quarterly	Calculated	OUI-1, CAL-1	
Phosphate, Ortho (as PO_4)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	
Phosphorous, Total	mg/L	Max	Report	Single Sample	Quarterly	Grab	OUI-1, CAL-1	
Chlorophyll *a*	µg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1, CAL-1	
Copper, Total Recoverable	µg/L	Max	Report	Daily Maximum	Semi-annually	Grab	OUI-1, CAL-1	
Iron, Total Recoverable	mg/L	Max	Report	Daily Maximum	Semi-annually	Grab	OUI-1, CAL-1	
Zinc, Total Recoverable	µg/L	Max	Report	Daily Maximum	Semi-annually	Grab	OUI-1, CAL-1	
Boron, Total Recoverable	mg/L	Max	Report	Daily Maximum	Semi-annually	Grab	OUI-1	
Chlorides (as Cl)	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1	
Magnesium, Total Recoverable	mg/L	Max	Report	Daily Maximum	Semi-annually	Grab	OUI-1	
Sodium, Total Recoverable	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1	
Sulfate, Total	mg/L	Max	Report	Daily Maximum	Semi-annually	Grab	OUI-1	
Sulfide, Total	mg/L	Max	Report	Daily Maximum	Quarterly	Grab	CAL-1	
Tritium[5]	pCi/L	Max	Report	Daily Maximum	Quarterly	Grab	OUI-1	

2. Samples shall be taken at the monitoring locations described below for the parameters listed in Permit Condition II.B.1.:

Monitoring Site Number	Sample Station ID	Location	Latitude			Longitude		
			º	'	"	º	'	"
OUI-1	--	Cooling water discharge prior to entering the feeder canal to the CCS	25	26	00.60	80	20	15.64
CAL-1	--	--	Average of CCS monitoring sites OUI-2, -3, -4, -5, -6, -7, and -8.					
CAL-2	--	--	Average of CCS monitoring sites OUI-2, -4, -7, and -8.					
OUI-2	TPSWCCS-1	Northwest corner of the CCS	25	25	56.0	80	21	00.8
OUI-3	TPSWCCS-2	Central portion of the CCS	25	23	39.0	80	21	06.7
OUI-4	TPSWCCS-3	Southwestern portion of the CCS	25	21	52.4	80	22	02.4
OUI-5	TPSWCCS-4	Southern portion of the CCS near the Hotel 2 Dam	25	21	25.3	80	20	23.1
OUI-6	TPSWCCS-5	East-central portion of the CCS	25	23	18.4	80	19	54.4
OUI-7	TPSWCCS-6	Northeastern portion of the CCS	25	25	56.2	80	19	40.2
OUI-8	TPSWCCS-7	West-central portion of the CCS	25	24	07.6	80	21	39.4

[5] The permittee shall submit a summary of at least the latest twelve months of tritium results available by August of each year in lieu of submitting the results on a discharge monitoring report.

3. The daily salinity readings from the CCS shall be compiled each quarter to create a quarterly average for each of the CCS. The automated hourly data as well as the analytical results from the existing individual stations shall be made available via FPL's EDMS.

4. FPL shall, when monitoring the salinity levels in the CCS, utilize all available monitoring resources in the CCS to obtain the average annual salinity rate. Specific monitoring points may not be excluded from the calculation unless such exclusion is allowed by the Department based upon a scientific reason. For the purposes of determining average annual salinities for the CCS, FPL shall use qualified hourly data (pursuant to the approved 2009 Monitoring Plan QAPP) from each of the CCS monitoring sites TPSWCCS-1, 2, 3, 4, 5, 6, and 7 collected beginning at 00:00 through 23:59 each day. The qualified hourly data for the day will be summed and divided by the number of qualified hourly values for the station that day. Stations with fewer than 12 qualified hourly data values in a given day shall not be used in the calculation of the CCS daily average. The daily averages for all qualified stations (up to seven per day) for a given day will be summed and divided by the number of qualified stations for that day to produce a qualified CCS daily average salinity value. The average annual salinity is calculated by summing the qualified CCS daily average salinity values from June 1st through May 31st and dividing the value by the number of days in the year. *[Consent Order OGC File Number 16-0241, paragraph 29.j]*

5. The permittee shall submit to the Tallahassee Wastewater Management Program a copy of the Turkey Point Annual Crocodile Monitoring Report, and a copy of the Ecological Monitoring section and associated data contained in the Turkey Point Plant Annual Monitoring Report required by Conditions XVII.C and X, respectively, of the Conditions of Certification (License No. PA 03-45). In addition, the permittee shall provide a copy of comments or findings to the Department upon request.

C. Porewater Monitoring

1. During the period of operation authorized by this permit, the permittee shall sample porewater (free water present in sediments) from coastal marine wetlands north, east, and south of the CCS from monitoring sites, designated as **Porewater Outfall D-02A,** at locations described below in accordance with the protocols set forth in FPL's Quality Assurance Project Plan dated 2013:

Porewater Monitoring ID	Description of Monitoring Location	Latitude			Longitude		
PW M1-2	Coastal marine wetlands; ½ mile north of power block	25	26	49.8	80	19	57.7
PW M2-2	Coastal marine wetlands; east of CCS, 2 miles south of power block	25	24	18.8	80	19	47.6
PW M3-2	Coastal marine wetlands; east of CCS, 3.4 miles south of power block	25	23	4.2	80	19	40.6
PW M4-2	Coastal marine wetlands; southeast corner of CCS	25	21	16.8	80	19	44.9
PW M5-2	Coastal marine wetlands; south of CCS	25	20	56	80	20	33

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PW M6-1	Coastal marine wetlands; west of Card Sound Road (background location)	25	17	40.1	80	23	46.8

2. During the period of operation authorized by this permit, the permittee shall sample porewater as specified below and reported in accordance with Permit Condition II.D.3.

Parameter*	Units	Sample Type	Monitoring Frequency
Temperature	Deg F	Grab	Semi-Annually
pH	s.u.	Grab	Semi-Annually
Specific Conductance	µmhos/cm	Grab	Semi-Annually
Salinity	PSU	Grab	Semi-Annually
Fluid Density	g/ml	Grab	Semi-Annually
Solids, Total Dissolved (TDS)	mg/L	Grab	Semi-Annually
Chloride (as Cl)	mg/L	Grab	Semi-Annually
Sodium, Total Recoverable	mg/L	Grab	Semi-Annually
Calcium, Total Recoverable	mg/L	Grab	Semi-Annually
Potassium, Total	mg/L	Grab	Semi-Annually
Boron, Total Recoverable	mg/L	Grab	Semi-Annually
Copper, Total Recoverable	ug/L	Grab	Semi-Annually
Iron, Total Recoverable	mg/L	Grab	Semi-Annually
Magnesium, Total Recoverable	mg/L	Grab	Semi-Annually

Zinc, Total Recoverable	ug/L	Grab	Semi-Annually
Sulfate, Total	mg/L	Grab	Semi-Annually
Tritium[5]	pCi/L	Grab	Semi-Annually
Nitrogen, Ammonia, Total (as N)	mg/L	Grab	Semi-Annually
Ammonium ion (as NH_4)	mg/L	Grab	Semi-Annually
Ammonia, Total Unionized (as NH_3)	mg/L	Grab	Semi-Annually
Nitrite plus Nitrate, Total (as N)	mg/L	Grab	Semi-Annually
Nitrogen, Kjeldahl, Total (as N)	mg/L	Grab	Semi-Annually
Nitrogen, Total (as N)	mg/L	Grab	Semi-Annually
Phosphorus, Total (as P)	mg/L	Grab	Semi-Annually
Phosphate, Ortho (as PO_4)	mg/L	Grab	Semi-Annually

D. Other Limitations and Monitoring and Reporting Requirements

1. The sample collection, analytical test methods, and method detection limits (MDLs) applicable to this permit shall be conducted using a sufficiently sensitive method to ensure compliance with applicable water quality standards and effluent limitations and shall be in accordance with a Department-approved methodology or in accordance with Rule 62-4.246, Chapters 62-160 and 62-601, F.A.C., and 40 CFR 136, as appropriate. The list of Department established analytical methods, and corresponding MDLs and PQLs (practical quantitation limits), which is titled "FAC 62-4 MDL/PQL Table (April 26, 2006)" is available at http://www.dep.state.fl.us/labs/library/index.htm. The MDLs and PQLs as described in this list shall constitute the minimum acceptable MDL/PQL values and the Department shall not accept results for which the laboratory's MDLs or PQLs are greater than those described above unless alternate MDLs and/or PQLs have been specifically approved by the Department for this permit. Any method included in the list may be used for reporting as long as it meets the following requirements:

   a. The laboratory's reported MDL and PQL values for the particular method must be equal or less than the corresponding method values specified in the Department's approved MDL and PQL list;

   b. The laboratory reported MDL for the specific parameter is less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Parameters that are listed as "report only" in the permit shall use methods that provide an MDL, which is equal to or less than the applicable water quality criteria stated in Chapter 62-302, F.A.C.; and

c. If the MDLs for all methods available in the approved list are above the stated permit limit or applicable water quality criteria for that parameter, then the method with the lowest stated MDL shall be used.

When the analytical results are below method detection or practical quantitation limits, the permittee shall report the actual laboratory MDL and/or PQL values for the analyses that were performed following the instructions on the applicable discharge monitoring report.

Where necessary, the permittee may request approval of alternate methods or for alternative MDLs or PQLs for any approved analytical method. Approval of alternate laboratory MDLs or PQLs are not necessary if the laboratory reported MDLs and PQLs are less than or equal to the permit limit or the applicable water quality criteria, if any, stated in Chapter 62-302, F.A.C. Approval of an analytical method not included in the above-referenced list is not necessary if the analytical method is approved in accordance with 40 CFR 136 or deemed acceptable by the Department. *[62-4.246, 62-160]*

2. The permittee shall provide safe access points for obtaining representative influent and effluent samples which are required by this permit. *[62-620.320(6)]*

3. Monitoring requirements under this permit are effective on the first day of the second month following the effective date of the permit. Until such time, the permittee shall continue to monitor and report in accordance with previously effective permit requirements, if any. During the period of operation authorized by this permit, the permittee shall complete and submit to the Department Discharge Monitoring Reports (DMRs) in accordance with the frequencies specified by the REPORT type (i.e., monthly, quarterly, semiannual, annual, etc.) indicated on the DMR forms attached to this permit. Unless specified otherwise in this permit, monitoring results for each monitoring period shall be submitted in accordance with the associated DMR due dates below. DMRs shall be submitted for each required monitoring period including periods of no release of wastewater.

4.

REPORT Type on DMR	Monitoring Period	Submit by
Monthly	first day of month – last day of month	28th day of following month
Quarterly	January 1 - March 31 April 1 – June 30 July 1 – September 30 October 1 – December 31	April 28 July 28 October 28 January 28
Semiannual	January 1 – June 30 July 1 – December 31	July 28 January 28
Annual	January 1 – December 31	January 28

The permittee shall use the electronic DMR system approved by the Department (EzDMR) and shall electronically submit the sample results as an attachment to the EzDMR submittal, in accordance with Permit Condition I.C.3., using the DEP Business Portal at http://www.fldepportal.com/go/, unless the permittee has a waiver from the Department in accordance with 40 CFR 127.15. Reports shall be submitted to the Department by the twenty-eighth (28th) of the month following the month of operation.

[62-620.610(18)]

5. Unless specified otherwise in this permit, all reports and other information required by this permit, including 24-hour notifications, shall be submitted to or reported to, as appropriate, the Department's Southeast District Office at the address specified below:

Florida Department of Environmental Protection
Southeast District
3301 Gun Club Road, MSC7210-1
West Palm Beach, Florida 33406

Phone Number - (561) 681- 6600

FAX Number - (561) 681-6755 (All FAX copies shall be followed by original copies.)

[62-620.305]

6. All reports and other information shall be signed in accordance with the requirements of Rules 62-620.305 and 62-620.310, F.A.C. *[62-620.305, 62-620.310]*

7. If there is no release of wastewater from internal outfall I-001 on a day when the facility would normally sample, the sample shall be collected on the day of the next release. *[62-620.320(6)]*

8. Wastewater shall not contain components that, alone or in combination with other substances or in combination with other components of the discharge:

   a. Settle to form putrescent deposits; or
   b. Float as debris, scum, oil, or other matter in such amounts as to form nuisances; or
   c. Produce color, odor, turbidity, or other conditions in such degree as to create a nuisance; or
   d. Are acutely toxic; or
   e. Are present in concentrations which are carcinogenic, mutagenic, or teratogenic to human beings or to significant, locally occurring, wildlife or aquatic species; or
   f. Pose a serious danger to the public health, safety, or welfare.

   [62-620.320(6), 62-302.500(1)]

9. There shall be no release of polychlorinated biphenyl (PCB) compounds such as those commonly used for transformer fluid to the waters of the State or the CCS. The permittee shall dispose of all known PCB equipment, articles, and wastes either in accordance with:

   a. Department-issued permits governing soil thermal treatment (Chapter 62-713, F.A.C.) or Department-approved landfills provided the PCB concentrations meet the Florida landfill's permitted limit when concentrations are less than 50 ppm; or

   b. 40 CFR 761 when concentrations are greater than or equal to 50 ppm.

   [40 CFR Part 423.12(b)(2)]

10. Discharge of any product registered under the Federal Insecticide, Fungicide, and Rodenticide Act to any waste stream that ultimately may be released to the CCS or waters of the State is prohibited unless specifically authorized elsewhere in a permit; except this requirement is not applicable to products used for lawn and agricultural purposes or to the use of herbicides if used in accordance with labeled instructions and any applicable State permit. In the event the permittee proposes to use water treatment chemicals, biocides, corrosion inhibitors, or additives not authorized in this permit, or not previously reported to the Department, that ultimately may be released to the CCS or waters of the State, the permittee shall notify the Department in writing a minimum of thirty (30) days prior to instituting the use of such product. The product shall not be used prior to a determination by the Department that a permit revision is not required or prior to Department approval. Such notification shall include:

    a. Name and general composition of biocide or chemical

    b. Frequencies of use

    c. Quantities to be used

    d. Proposed effluent concentrations

    e. Acute and/or chronic toxicity data (laboratory reports shall be prepared, depending on the test type, according to Section 12 of EPA document no. EPA-821-R-02-012 entitled, Methods for Measuring the Acute Toxicity of Effluents and Receiving Waters for Freshwater and Marine Organisms, Section 10 of EPA document no. EPA-821-R-02-013 entitled, Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Freshwater Organisms or Section 10 of EPA document no. EPA-821-

R-02-014 entitled, Short-term Methods for Estimating the Chronic Toxicity of Effluents and Receiving Waters to Marine and Estuarine Organisms, or most current addition)

f. Product data sheet

g. Product label

A revision to this permit is not necessary for use of products equivalent to those authorized in this permit provided the equivalent products consist of the same active ingredients and the product is applied at the same location with the same or lower concentrations of the active ingredients at the outfall. The permittee is responsible for maintaining documentation on-site which demonstrates equivalency of any new water treatment products from another vendor or manufacturer with a different product name from those listed above.

11. Discharge of any waste resulting from the combustion of toxic, hazardous, or metal cleaning wastes to any waste stream which ultimately reaches the CCS or waters of the State is prohibited, unless specifically authorized elsewhere in this permit.

12. The permittee shall not store soil or other similar erodible materials in a manner in which off-site runoff is uncontrolled, nor shall construction activities be conducted in a manner which produces uncontrolled off-site runoff unless such uncontrolled runoff has been specifically approved by the Department. "Uncontrolled" shall mean without sedimentation basin or other controls approved by the Department.

13. The permittee shall operate and maintain loading and unloading facilities in such a manner in order to preclude spillage of chemicals, etc., used at the facility, and shall take all actions necessary to clean-up and control any such spill which may occur.

14. Any water drained from the fuel oil storage tanks or other water which meets the definition of "Petroleum Contact Water" as defined in subsection 62-740.030(1), F.A.C., shall be disposed at a Department-approved facility in accordance with Chapter 62-740, F.A.C.

15. The permittee is authorized to utilize the following water treatment chemicals and biocides, or their equivalents, in the cooling water systems and other wastewater streams:

Chemical Name	Purpose	Dosage (mg/L)	Units Treated	Frequency
Hydrazine	Normal Operation Oxygen Scavenger	40 - 500	3, 4	Daily
Hydrazine	Wet Layup Oxygen Scavenger	25 - 300	3, 4	Outages Only
Carbohydrazide	Oxygen Scavenger	25 - 100	3, 4	Outages Only
Carbohydrazide	Oxygen Scavenger	60 - 700	3, 4	Daily
Dimethylamine	pH Control	0.1 - 1.0	3, 4	Daily
Monoethanolamine	pH Control	3 - 6	3, 4	Daily
Lithium Hydroxide	pH Control for Reactor Coolant System	0 - 6	3, 4	As Needed
ROClean P111	Reverse Osmosis Membrane Cleaning	150 - 300	5	Batch
Sodium Molybdate	Corrosion Inhibitor – Recirculating Cooling System	160 - 1000	All	As Needed
Tolytriazole	Corrosion Inhibitor – Copper Control	10 - 100	All	As Needed
Sodium Nitrite	Corrosion Inhibitor – Recirculating Cooling System	50 - 1500	3, 4	As Needed
Sodium Hydroxide	pH Control - Recirculating Cooling System	Maintain pH 8.5 - 11	3, 4	As Needed
Sodium Hydroxide	Reverse Osmosis Operation	Maintain pH of 9.06	5	Monthly, Batch
Sodium Hydroxide	Reverse Osmosis pH Control	Maintain pH > 8.1	3, 4	Daily
Sodium Hypochlorite 12%	Cooling Tower Biocide	Maintain 0.2 - 1 residual	5	Daily
Sodium Hypochlorite	Disinfectant/Oxidizer	1-2	Plant General Use	As Needed
Sodium Hypochlorite	Oxidize Organics	1-2	Cooling Canals	As Needed
Versene 100 (EDTA)	Reverse Osmosis Membrane Cleaning	3000 - 5200	5	Batch
Citric Acid	Reverse Osmosis Membrane Cleaning	30,000	5	Batch
Hypersperse MDC704i	Reverse Osmosis Membrane Cleaning	2.5	5	Daily

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Chemical Name	Purpose	Dosage (mg/L)	Units Treated	Frequency
ENDCOR UAN 9766 (Molybdate)	Auxiliary Equipment Cooling Water System	5 gal./mo. (solid)	5	As Needed
AZ8101 (Tolytriazole)	Auxiliary Equipment Cooling Water System	2.5 gal./mo. (solid)	5	As Needed
OPTISPERSE HP3100	Boiler Drum Corrosion Inhibitor	2 - 3	5	Daily
DEPOSITROL PY5200	Cooling Tower Deposit Control	1.3	5	Daily
DEPOSITROL BL5400	Cooling Tower Scale Inhibitor	0.75	5	Daily
Ammonium Hydroxide	pH Control	3 - 20	3, 4	Daily
Ammonium Hydroxide	Condensate and Feedwater pH Control	Maintain pH of 9.68	5	Daily
OPTISPERSE PWR6600	Iron Oxide Dispersant in Steam Gen.	0 - 1	3, 4	Outages Only
OPTISPERSE PWR6600	Iron Oxide Dispersant in Steam Gen.	< 10 ppb	3, 4	Daily
VITEC 3000	Reverse Osmosis Antiscalant – potable water supply	3	3, 4	Batch
Sodium Bisulfite 40%	Reverse Osmosis Dechlorination	2-3/1-2	3, 4	Daily
Sodium Bisulfite 40%	Dechlorination	1-2	Cooling Canals, Plant General Use	As Needed
Hydrogen Peroxide 50%	Reverse Osmosis Hydrogen Sulfide Mitigation – Well Water	7-10	3, 4	Daily
Vitec 5100	Reverse Osmosis Antiscalant	5	3, 4	Daily
Vitec 1000	Reverse Osmosis Antiscalant	2	3, 4	Daily
Wood Flour	Condenser Tube Leak Temporary Repair	200 lb/min. (Max.) Less than 1000 lb/wk	3, 4	As Needed
Quaternary Ammonium Salt	Biological Fouling Control - Recirculating Cooling System	6 - 12	3, 4	As Needed
Gluteraldehyde	Biological Fouling Control - Recirculating Cooling System	250-500	3, 4	As Needed
MBC 215 (Isothiazolin)	Biological Fouling Control - Recirculating Cooling System	15	3, 4	As Needed
Sodium Dichromate	Corrosion Inhibitor for Emergency Diesel Gen. - Recirculating Cooling System	3500 - 4500	3, 4	As Needed
Sulfuric Acid 98%	pH Control for Water Treatment Plant to Degas CO_2	Maintain pH 6 - 7	3, 4	Daily
Sulfuric Acid	Cooling Tower pH Control	350	5	Daily
Boric Acid	Process Chemical for Chemical Volume Control System	0 - 2600	3, 4	As Needed
Aluminum-based Flocculents (such as Liquid Alum, Green Bullet, WALLFLOC 5050, or Equivalent)	Coagulation of Algae and Nutrients	250 (Max.)	Cooling Canals	As Needed
Xanthene Dyes or Equivalent (Yellow, Green, Red, or Violet Dyes)	Dye Studies for Leaks or Flow Monitoring	1	Plant General Use	As Needed
Optisperse PWR6000	Dispersant	≤ 20 ppb daily use ≤ 1 mg/l during outages	3, 4	Daily

16. Hydrazine from plant layup water during overhauls and/or refueling outages shall be measured at the outlet from the unit being serviced. Sampling shall be once per day of discharge by grab sample at the maximum expected concentration. Results of sampling will be submitted to the Department upon request. To determine the hydrazine concentration being released to the CCS, the following equation shall be used:

$$\frac{\text{(B/S) Blowdown Flow x (B/S) Hydrazine Concentration}}{\text{Once-through Cooling Water Flow}} = \text{Hydrazine concentration at the recirculating cycle cooling canal system}$$

*Where (B/S) refers to boiler or steam generator

In the event that any value exceeds 3.4 mg/L, the permittee shall immediately modify its release pattern and resample. The Department's Southeast District Office shall be notified of the situation in accordance with permit condition IX.20.

17. Non-discharging/Closed Loop Vehicle Wash Recycle System Requirements.

    a. No discharge of recycle system wastewater, including filter backwash water, is authorized to waters of the State or to groundwater.

    b. The operation of the rainwater diversion system, oil/water separator, and placard posting shall be addressed and included in the facility's Best Management Practices Pollution Prevention Plan (PLAN) in accordance with permit condition VII.

18. Nothing in this permit authorizes take for the purposes of the permittee's compliance with the federal Endangered Species Act. [40 CFR 125.98(b)(1)]

19. A revision to this permit is not necessary for the following activities:

    a. Structural changes that do not change the quality, nature, or quantity of the discharge of wastes or that do not cause water pollution to Waters of the State; and

    b. Construction, replacement or repair of components at the facility which does not change the permitted treatment works or the terms and conditions of this permit.

    Records of these activities shall be kept by the permittee (activity description, start date and length of activity). The documentation shall be kept on-site in accordance with Permit Condition V.2, and made available to Department staff upon request. *[62-620.200(26)(a) and (b)]*

20. The facility will take reasonable actions to select appropriate laboratories with sufficient capacity to avoid delay in receiving results due to backlogs. If such delay occurs, the facility will make reasonable efforts to resolve those delays. *[Consent Order OGC File Number 16-0241, paragraph 30]*

III. SLUDGE, SOLIDS, AND VEGETATIVE MATTER MANAGEMENT REQUIREMENTS

1. The permittee shall be responsible for proper treatment, management, use, and disposal of its sludges. *[62-620.320(6)]*

2. Storage, transportation, and disposal of sludge/solids characterized as hazardous waste shall be in accordance with requirements of Chapter 62-730, F.A.C. *[62-730]*

3. Sludge or other solids generated from the facility shall be reused, reclaimed, or otherwise disposed of in accordance with the requirements of Chapter 62-701, F.A.C. Disposal of sludge in a solid waste disposal facility shall be in accordance with the requirements of Chapter 62-701, F.A.C. *[62-701]*

4. Vegetation and materials removed from intake screens and vegetation, sediments and sludge excavated from the CCS or basins must be properly stored on-site until they are disposed in accordance with requirements in Chapter 62-701, F.A.C., and other applicable State and Federal requirements. Vegetation and materials shall be handled and managed in accordance to the Best Management Practices Plan in Section VII of this permit.

5. The permittee shall keep records of the amount of industrial sludge, solids, and vegetative matter disposed, transported, or incinerated. If a person other than the permittee is responsible for sludge transporting, disposal, or incineration, the permittee shall also keep the following records:

    a. name, address and telephone number of any transporter, and any manifests or bill of lading used;

    b. name and location of the site of disposal, treatment or incineration;

    c. name, address, and telephone number of the entity responsible for the disposal, treatment, or incineration site.

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IV. ADDITIONAL LAND APPLICATION REQUIREMENTS

Section IV is not applicable to this facility.

V. CONSTRUCTION, OPERATION AND MAINTENANCE REQUIREMENTS

1. During the period of operation authorized by this permit, the wastewater facilities shall be operated under the supervision of a person who is qualified by formal training and/or practical experience in the field of water pollution control. *[62-620.320(6)]*

2. The permittee shall maintain the following records and make them available for inspection on the site of the permitted facility.

   a. Records of all compliance monitoring information, including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, including, if applicable, a copy of the laboratory certification showing the certification number of the laboratory, for at least three years from the date the sample or measurement was taken;

   b. Copies of all reports required by the permit for at least three years from the date the report was prepared;

   c. Records of all data, including reports and documents, used to complete the application for this permit for at least three years from the date the application was filed;

   d. Records of all disposal of vegetation and materials removed from intake screens and vegetation, sediments and sludge removed from wastewater and stormwater basins;

   e. A copy of the current permit;

   f. A copy of any required record drawings;

   g. Copies of the logs and schedules showing plant operations and equipment maintenance for three years from the date of the logs or schedules; and

   h. All pertinent impoundment permits, design, construction, operation, and maintenance information, including but not limited to, plans, geotechnical and structural integrity studies, copies of permits, associated certifications by qualified, State-registered professional engineer, and regulatory approvals.

   [62-620.350]

3. During the period of operation authorized by this permit, the wastewater facility shall, as part of the regular maintenance schedule, review the structural integrity of all outfalls, including all outfalls which have been taken out of service.

VI. SCHEDULES

1. The following improvement actions shall be completed according to the following schedule. The Plan shall be prepared and implemented in accordance with Part VII of this permit.

Improvement Action	Completion Date
1. Develop Best Management Practices Plan (Plan)	Effective date of permit plus 18 months
2. Implement Plan	Effective date of permit plus 30 months
3. Plan Summary	Effective date of permit plus 3 years

2. If the permittee plans to continue operation of this wastewater facility after the expiration date of this permit, the permittee shall submit an application for renewal no later than one-hundred and eighty days (180) prior to the expiration date of this permit. Application shall be made using the appropriate forms listed in Rule 62-620.910, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.

   [62-620.335(1) and (2)]

3. The permittee shall submit to the Department's Tallahassee Wastewater Management Program an annual report by August of each year as described in permit condition VIII.G.1. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of the report shall be signed and sealed by the professional(s) who prepared them.

4. The facility shall submit annually by August of each year, following permit issuance, a nutrient monitoring summary report based on 12 months of groundwater, surface water, and CCS monitoring data to the Department's Tallahassee Wastewater Management Program. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of the report shall be signed and sealed by the professional(s) who prepared them. The report shall include by station and depth where specified:

   a. Annual geometric mean (AGM) concentrations by nutrient parameter;

   b. Arithmetic mean;

   c. Percentiles including 25^{th}, 75^{th}, and 90^{th}, number of samples collected by parameter; and

   d. Evaluation of trends over the period of record by parameter.

5. In lieu of submitting the results on a discharge monitoring report, the permittee shall submit to the Department's Tallahassee Wastewater Management Program and Southeast District Office a summary of at least the latest twelve months of tritium results for all locations where tritium is monitored by August of each year. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of the report shall be signed and sealed by the professional(s) who prepared them.

6. In lieu of submitting the results on a discharge monitoring report, the permittee shall submit to the Department's Tallahassee Wastewater Management Program and Southeast District Office a summary of at least the latest twelve months for all parameters listed in permit condition I.4 in all wells listed in permit condition I.3 by August of each year. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of the report shall be signed and sealed by the professional(s) who prepared them.

7. The permittee shall notify the Department's Tallahassee Wastewater Management Program following completion of the scheduled January 1, 2019 demolition and fill of the solids settling basins that formerly serviced Units 1 and 2.

8. The phrase "hypersaline water" as used in this permit means water that exceeds 19,000 mg/L chlorides. Location, volume and movement of the hypersaline plume shall be determined by Continuous Surface Electromagnetic Mapping ("CSEM") technology, as supplemented by data from the groundwater monitoring wells in Section I.

9. The permittee shall halt the westward migration of the hypersaline plume from the CCS within three years of the commencement of the remediation project (May 15, 2018). For determining compliance, the westward migration of the hypersaline plume shall be deemed halted if the third CSEM survey shows no net increase in hypersaline water volume and no net westward movement in the leading edge of the hypersaline plume. To ensure overall remediation objectives are attained in a timely manner, if the second CSEM survey indicates that the net westward migration of the hypersaline plume is not being halted, then, within 180 days of the second CSEM survey, the permittee shall develop and submit for approval to the Department a plan with specific actions to achieve the objectives of the remediation project. If the third CSEM survey still indicates the net westward migration of the hypersaline plume has not halted, the permittee shall implement the approved additional measures consistent with the Department approved schedule.

10. The permittee shall retract the hypersaline plume to the L-31E canal within ten years of the commencement of the remediation project (May 15, 2018). At the conclusion of the fifth year of operation of the remediation project (May 16, 2023), the permittee shall evaluate and report to the Department, within 180 days, the effectiveness of the system in retracting the hypersaline plume to the L-31E canal within 10 years. If this report shows the remediation project will not retract the hypersaline plume to the L-31E canal within 10 years due to adverse environmental impacts of remedial measures or other technical issues, the permittee shall provide an alternate plan for Department review and approval. The permittee shall begin implementing the alternate plan. in accordance with the Department approved schedule.

VII. BEST MANAGEMENT PRACTICES PLAN (PLAN)

A. General

Through implementation of the Plan the permittee shall prevent or minimize the generation and the potential for the release of pollutants (including mercury, copper, iron, zinc, and nutrients) from facility operations (including spillage, leaks, and material and waste handling and storage activities) to industrial wastewater and stormwater. The permittee must implement the provisions of the Plan required under this Part as a condition of this permit.

In accordance with Section 304(e) and 402(a)(2) of the Clean Water Act (CWA) as amended, 33 U.S.C. §§ 1251 et seq., and the Pollution Prevention Act of 1990, 42 U.S.C. §§ 13101-13109, the permittee must develop and implement the Plan for the facility covered by this permit, prepared in accordance with good engineering practices and in accordance with the factors outlined in 40 CFR §125.3(d)(2) or (3) as appropriate. Paragraph 62-620.100(3)(m), F.A.C., incorporates by reference 40 CFR 122.44(k), which contains guidelines for requiring Best Management Practices (BMPs) for facilities and activities regulated under Section 403.0885, F.S.

1. The Plan shall include industrial wastewater and stormwater BMPs. The Plan shall be consistent with the objectives in VII.B, Industrial Wastewater Best Management Practices, and VII.C, Stormwater Best Management Practices, and the general guidance contained in the publications entitled Guidance Manual for Developing Best Management Practices (BMPs) [EPA 833-B-93-004, October 1993]; Developing Your Stormwater Pollution Prevention Plan: A Guide for Industrial Operators [EPA 833-B-09-002, February 2009] or any subsequent revisions to these guidance documents.
2. The Plan shall specify the individual(s) or position(s) within the facility organization as members of a Plan Team that are responsible for developing the Plan and assisting the facility or operations manager in its implementation, maintenance, and revision. The Plan shall clearly identify the responsibilities of each team member. The activities and responsibilities of the team shall address all aspects of the facility's Plan.
3. The Plan shall be documented in narrative form, shall include any necessary plot plans, drawings or maps, and shall be developed in accordance with good engineering practices. The Plan shall be organized and written with the following structure:
    a. Name and location of the facility.
    b. Statement of Plan policy.
    c. Structure, functions, and Standard Operating Procedures (SOPs) of the Plan committee.
    d. Specific industrial wastewater and stormwater management practices and SOPs, including, but not limited to, the following:
        1. modification of equipment, facilities, technology, processes, and procedures,
        2. reformulation or redesign of products,
        3. substitution of materials, and
        4. improvement in management, inventory control, materials handling or general operational phases of the facility.
    e. Risk identification and assessment.
    f. Reporting of Plan incidents.
    g. Materials compatibility.
    h. Good housekeeping.
    i. Preventative maintenance.
    j. Inspections and records.
    k. Security.
    l. Employee training. The Plan shall identify periodic dates for training.
4. The Plan shall contain a written statement from corporate or facility management indicating management's commitment to the goals of the Plan program. The statement shall be publicized or made known to all facility employees. Management shall also provide training the individuals responsible for implementing the Plan.
5. The Plan shall be developed and implemented in accordance with the schedule contained in Part VI of this permit.

6. The Plan shall be signed by the permittee or their duly authorized representative in accordance with paragraphs 62-620.305(2)(a) and (b), F.A.C. The Plan shall be reviewed by appropriate facility staff and management. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.) F.S., applicable portions of the Plan shall be signed and sealed by the professional(s) who prepared them.

7. The permittee shall amend the Plan whenever there is a change in the facility or in the operation of the facility which materially increases the generation of pollutants or their release or potential release to industrial wastewater or stormwater. The permittee shall also amend the Plan, as appropriate, when plant operations covered by the Plan change. Any such changes to the Plan shall be consistent with the objectives and specific requirements listed below. All changes in the Plan shall be reported to the Department in writing.

8. At any time, if the Plan proves to be ineffective in achieving the general objective of preventing and minimizing the generation of pollutants and their release and potential release to industrial wastewater and stormwater or the specific requirements listed below, this permit or the Plan shall incorporate revised Plan requirements.

9. Progress/update reports documenting schedules and implementation of the Plan shall be maintained at the facility. The reports shall discuss whether implementation schedules were met and revise any schedules, as necessary. The Plan shall also be updated as necessary and the attainment or progress made toward specific pollutant reduction targets documented. Results of completed waste minimization assessment (WMA) studies shall be discussed. Results of any ongoing WMA studies, as well as any additional schedules for implementation of waste reduction practices, shall be included.

10. The permittee shall maintain the Plan, Progress/Update Reports, and other documents associated with the Plan at the facility and shall make these documents available to the Department upon request. All offices of the permittee which are required to maintain a copy of this NPDES permit shall also maintain a copy of the Plan.

11. The Department may notify the permittee at any time that the Plan does not meet one or more of the minimum requirements of this Part. Such notification shall identify those provisions of this permit which are not being met by the Plan, and identify which provisions of the Plan requires modifications in order to meet the minimum requirements of the Plan. Upon such notification, the permittee shall amend the Plan and shall submit to the Department a written certification that the requested changes have been made. Unless otherwise provided by the Department, the permittee shall have 30 days after such notification to make the changes necessary.

B. Industrial Wastewater Best Management Practices

1. The permittee shall develop and amend, as needed, the Plan consistent with the following objectives for the control of pollutants:

   a. The number and quantity of pollutants and the toxicity of effluent generated, discharged or potentially discharged at the facility shall be minimized by the permittee to the extent feasible by managing each influent waste stream in the most appropriate manner.

   b. Under the Plan, and any SOPs included in the Plan, the permittee shall ensure proper operation and maintenance of the treatment facility.

   c. The permittee shall establish specific objectives for the control of pollutants by conducting the following evaluations:

      (1) Each facility component or system shall be examined for its waste minimization opportunities and its potential for causing a release of amounts of pollutants to industrial wastewater and stormwater due to equipment failure, improper operation, and natural phenomena such as rain or adverse weather, etc. The examination shall include all normal operations and ancillary activities including but not limited to material storage areas, plant site runoff, in-plant transfer, process and material handling areas, loading or unloading operations, spillage or leaks, sludge and waste disposal, and drainage from raw material storage, as applicable.

      (2) Where experience indicates a reasonable potential for equipment failure (e.g., a tank overflow or leakage), natural condition (e.g., precipitation), or other circumstances to result in amounts of pollutants reaching surface waters, the program should include a prediction of the direction, rate of

flow and total quantity of pollutants which could be discharged from the facility as a result of each condition or circumstance.

2. The Industrial Wastewater BMPs component of the Plan shall include, at a minimum, the following items:

   a. A WMA for this facility to determine actions that could be taken to reduce waste loadings and chemical losses to all wastewater and/or stormwater streams as described Part VII.B.3, Required Components of a WMA, of this permit. It shall address both short-term and long-term opportunities for minimizing waste generation at this facility, utilizing at a minimum, applicable criteria selected from Part VII.B.3, particularly for high volume and/or high toxicity components of wastewater and stormwater streams. Initially, the WMA should focus primarily on actions that could be implemented quickly, thereby realizing tangible benefits to surface water quality. Long term goals and actions pertaining to waste reduction shall include investigation of the feasibility of eliminating toxic chemical use, instituting process changes, raw material replacements, etc.

      The permittee shall implement each waste reduction practice recommended by the WMA as soon as practicable. Any waste reduction practices which are identified but will not be implemented shall be described in the required progress/update reports, along with the factors inhibiting their adoption. Any waste reduction practices which cannot be implemented immediately shall be described in the Plan and included in a schedule of implementation.

      The permit issuing authority does not herein establish a time limit for completion of the WMA; the study may be conducted throughout the term of this permit. However, a suggested target completion date is six months after the effective date of this permit, so that the WMA results and recommended waste reduction practices may be incorporated into the Plan. Continual studies toward minimizing waste are encouraged.

      Practices which reduce pollutant loading in wastewater or stormwater discharges with a consequent increase in solid hazardous waste generation, decrease in air quality, or adverse effect to groundwater shall not be considered waste reduction for the purposes of this assessment.

   b. Specific BMPs to meet the objectives identified in Part VII.B.1 of this section, addressing each component or system capable of generating or causing a release of amounts of pollutants, and identifying specific preventative or remedial measures to be implemented.

3. Required Components of a WMA

   a. The WMA shall include an overall plant water balance, as well as internal water balances, as necessary. This information shall be used to determine any opportunities for water conservation or reuse/recycling and to determine if and where leakages might occur.

   b. A materials and risk assessment shall be developed and shall include the following:
      1. Identification of the types and quantities of materials used or manufactured (including by products produced) at the facility;
      2. Identification of the location and types of materials management activities which occur at the facility;
      3. An evaluation of the following aspects of materials compatibility: containment and storage practices for chemicals, container compatibility, chemical mixing procedures; potential mixing or compatibility problems; and specific prohibitions regarding mixing of chemicals;
      4. Technical information on human health and ecological effects of toxic or hazardous chemicals presently used or manufactured (including by products produced) or planned for future use or production; and
      5. Analyses of chemical use and waste generation, including overall plant material balances and as necessary, internal process balances, for all pollutants. (When actual measurements of the quantity of a chemical entering a wastewater or stormwater stream are not readily available, reasonable estimates should be made based on best engineering judgment.) The analyses shall address reasons for using particular chemicals, and measures or estimates of the actual and potential chemical discharges via wastewater, wastewater sludge, stormwater, air, solid waste or hazardous waste media.

   c. The WMA shall include, at a minimum, the following means of reducing pollutant discharges in wastewater streams or of otherwise minimizing wastes:

(1) Process related source reduction measures, including any or all of the following, as appropriate:
(a) Production process changes;
(b) Improved process controls;
(c) Reduction of off specification materials;
(d) Reduction in use of toxic or hazardous materials;
(e) Chemical modifications and/or material purification;
(f) Chemical substitution employing non-toxic or less toxic alternatives;
(g) Equipment upgrades or modifications or changes in equipment use; and
(h) Implementation of the Turkey Point CCS Nutrient Management Plan (September 16, 2016), including annual reporting on progress.
(2) Housekeeping/operational changes, including waste stream segregation, inventory control, spill and leak prevention, equipment maintenance; and employee training in areas of material management and pollution prevention, good housekeeping, and spill prevention and response;
(3) In process recycling, on-site recycling and/or off-site recycling of materials;
(4) Following all source reduction and recycling practices, wastewater treatment process changes, including the use of new or improved treatment methods, such that treatment by products are less toxic to aquatic or human life; and
(5) Other means as agreed upon by the permit issuing authority and the permittee.

d. For stormwater discharges and instances where stormwater enters the wastewater treatment/disposal system or is otherwise commingled with wastewater, the WMA shall evaluate the following potential sources of stormwater contamination, at a minimum:
(1) Loading, unloading and transfer areas for dry bulk materials or liquids;
(2) Outdoor storage of raw materials or products;
(3) Outdoor manufacturing or processing activities;
(4) Dust or particulate generating processes; and
(5) On-site waste and/or sludge disposal practices.

The likelihood of stormwater contact in these areas and the potential for spills from these areas shall be considered in the evaluation. The history of leaks or spills of toxic or hazardous pollutants shall also be considered. Recommendations for changes to current practices which would reduce the potential for stormwater contamination from these areas shall be made, as necessary.

C. Stormwater Best Management Practices

1. Stormwater BMPs components of the Plan shall include, at a minimum, the following items:

a. A description of potential sources which may reasonably be expected to add pollutants to stormwater discharges from separate stormwater conveyances at the facility. The Plan shall identify all activities and materials that may potentially be pollutant sources. The Plan shall include, at a minimum:

(1) Drainage
(a) A site map indicating an outline of the portions of the drainage area of each stormwater outfall that are within the facility boundaries, each existing structural control measure to reduce pollutants in stormwater runoff, surface water bodies, locations where materials are exposed to precipitation, locations where spills or leaks identified under Item VII.C.1.a.(3) have occurred, and the locations of the following activities where such activities are exposed to precipitation: fueling stations; vehicle and equipment maintenance and/or cleaning areas; loading/unloading areas; locations used for the treatment, storage or disposal of wastes; liquid storage tanks; processing areas; and storage areas.
(b) For each area of the facility that generates stormwater discharges associated with industrial activity with a reasonable potential for containing pollutants, a prediction of the direction of flow, and an identification of the types of pollutants which are likely to be present in stormwater discharges associated with industrial activity. Factors to consider include the toxicity of chemical; quantity of chemicals used, produced or discharged; the likelihood of contact with stormwater; and

history of leaks or spills of toxic or hazardous pollutants. Flows with a potential for causing erosion shall be identified.

(2) An inventory of the types of materials handled at the site that potentially may be exposed to precipitation. Such inventory shall include a narrative description of materials that have been handled, treated, stored or disposed in a manner to allow exposure to stormwater between the time of three years prior to the effective date of this permit and the present; method and location of on-site storage or disposal; materials management practices employed to minimize contact of materials with stormwater runoff between the time of three years prior to the effective date of this permit and the present; the location and a description of existing structural and non-structural control measures to reduce pollutants in stormwater runoff; and a description of any treatment the stormwater receives.

(3) A list of spills and leaks of toxic or hazardous pollutants that occurred at areas that are exposed to precipitation or that otherwise drain to a stormwater conveyance at the facility after the date of three years prior to the effective date of this permit. Such a list shall be updated as appropriate during the term of this permit.

(4) A summary of existing discharge sampling data describing pollutants in stormwater discharges from the facility, including a summary of sampling data collected during the term of this permit.

(5) A narrative description of the potential pollutant sources from the following activities if applicable: loading and unloading operations; outdoor storage activities; outdoor manufacturing or processing activities; dust or particulate generating processes; loading/unloading areas; and on-site waste disposal practices. The description shall specifically list any potential source of pollutants at the site and for each potential source, any pollutant or pollutant parameter (e.g. biochemical oxygen demand, etc.) of concern shall be identified.

b. A description of stormwater management controls appropriate for the facility and implement such controls. The appropriateness and priorities of controls in the Plan shall reflect identified potential sources of pollutants at the facility. The description of stormwater management controls shall address the following minimum components, including a schedule for implementing such controls:

(1) Good housekeeping requires the maintenance of areas that may contribute pollutants to stormwater discharges in a clean, orderly manner.

(2) A preventive maintenance program shall involve timely inspection and maintenance of stormwater management devices (e.g. cleaning oil/water separators, catch basins) as well as inspecting and testing facility equipment and systems to uncover conditions that could cause breakdowns or failures resulting in discharges of pollutants to surface waters, and ensuring appropriate maintenance of such equipment and systems.

(3) Areas where potential spills that can contribute pollutants to stormwater discharges can occur and their accompanying drainage points shall be identified clearly in the Plan. Where appropriate, specifying material handling procedures, storage requirements, and use of equipment such as diversion valves in the Plan should be considered. Procedures for cleaning up spills shall be identified in the Plan and made available to the appropriate personnel. The necessary equipment to implement a cleanup should be available to personnel.

(4) In addition to or as part of the comprehensive site evaluation required under paragraph VII.C.1.c of this section, qualified facility personnel shall be identified to inspect designated equipment and areas of the facility at appropriate intervals specified in the Plan. A set of tracking or follow-up procedures shall be used to ensure that appropriate actions are taken in response to the inspections. Records of inspections shall be maintained.

(5) Employee training programs shall inform personnel responsible for implementing activities identified in the Plan or otherwise responsible for stormwater management at all levels of responsibility of the components and goals of the Plan. Training should address topics such material management and pollution prevention, good housekeeping and spill prevention and response. The Plan shall identify periodic dates for such training.

(6) A description of incidents (such as spills, or other discharges), along with other information describing the quality and quantity of stormwater discharges shall be included in the Plan required under this part.

Inspections and maintenance activities shall be documented and records of such activities shall be incorporated into the Plan.

(7) Non-Stormwater Discharges

(a) The Plan shall include a certification that each "stormwater-only" discharge authorized under this permit has been tested or evaluated for the presence of non-stormwater discharges. (This section is not applicable to those discharges authorized under this permit that have been identified in the application as having non-stormwater components.) The certification shall include the identification of potential sources of non-stormwater at the site, a description of the results of any test and/or evaluation for the presence of non-stormwater discharges, the evaluation criteria or testing method used, the date of any testing and/or evaluation, and the on-site drainage points that were directly observed during the test. Such certification may not be feasible if the facility operating the stormwater discharge associated with industrial activity does not have access to an outfall, manhole, or other point of access to the ultimate conduit that receives the discharge. In such cases, the source identification section of the Plan shall indicate why the certification required by this part was not feasible, along with the identification of potential sources of non-stormwater at the site. A discharger that is unable to provide the certification required by this paragraph must notify the Department in accordance with paragraph VII.C.1.b.(7)(c) below.

(b) Except for flows from fire-fighting activities, sources of authorized non-stormwater discharges that are combined with stormwater discharges associated with industrial activity must be identified in the Plan. The Plan shall identify and ensure the implementation of appropriate pollution prevention measures for the non-stormwater component(s) of the discharge.

(c) Failure to Certify. Any facility that is unable to provide the certification required (testing for non-stormwater discharges), must notify the Department. If the failure to certify is caused by the inability to perform adequate tests or evaluations, such notification shall describe: the procedure of any test conducted for the presence of non-stormwater discharges; the results of such test or other relevant observations; potential sources of non-stormwater discharges to the storm sewer; and why adequate tests for such storm sewers were not feasible. Non-stormwater discharges to surface waters of the State which are not authorized by an NPDES permit are unlawful, and must be terminated or dischargers must submit appropriate NPDES permit application forms.

(8) The Plan shall identify areas which, due to topography, activities, or other factors, have a high potential for soil erosion, and identify structural, vegetative, and/or stabilization measures to be used to limit erosion.

(9) The Plan shall contain a narrative consideration of the appropriateness of traditional stormwater management practices (practices other than those which control the generation or source(s) of pollutants) used to divert, infiltrate, reuse, or otherwise manage stormwater runoff in a manner that reduces pollutants in stormwater discharges from the site. The Plan shall provide that those measures that the permittee determines to be reasonable and appropriate shall be implemented and maintained. The potential of various sources at the facility to contribute pollutants to stormwater discharges associated with industrial activity shall be considered when determining reasonable and appropriate measures. Appropriate measures may include: vegetative swales and practices; reuse of collected stormwater (such as for a process or as an irrigation source); inlet controls (such as oil/water separators); infiltration devices; and, detention or retention devices.

c. A Comprehensive Site Compliance Evaluation. Qualified personnel shall conduct site compliance evaluations at appropriate intervals specified in the Plan, but in no case less than once a year. Such evaluations shall provide:

(1) Areas contributing to a stormwater discharge associated with industrial activity shall be visually inspected for evidence of, or the potential for, pollutants entering the drainage system. Measures to reduce pollutant loadings shall be evaluated to determine whether they are adequate and properly implemented in accordance with the terms of this permit or whether additional control measures are needed. Structural stormwater management measures, sediment and erosion control measures, and other structural pollution prevention measures identified in the Plan shall be observed to ensure that they are operating correctly. A visual inspection of equipment needed to implement the Plan, such as spill response equipment, shall be made.

(2) Based on the results of the inspection, the description of potential pollutant sources identified in the Plan in accordance with paragraph VII.C.1.a.(5) of this section and pollution prevention measures and

controls identified in the Plan in accordance with paragraph VII.C.1.b of this section shall be revised as appropriate within two weeks of such inspection and shall provide for implementation of any changes to the Plan in a timely manner, but in no case more than twelve weeks after the inspection.

(3) A report summarizing the scope of the inspection, personnel making the inspection, the date(s) of the inspection, observations relating to the implementation of the Plan and actions taken shall be made and retained as part of the Plan. The report shall identify any incidents of non-compliance, and corrective actions taken. Where a report does not identify any incidents of non-compliance, the report shall contain a certification that the facility is in compliance with the Plan and this permit. The report shall be signed in accordance with paragraph VII.A.6 of this section.

d. Consistency with other plans. The Plan may reference the existence of other plans for Spill Prevention Control and Countermeasure (SPCC), plans developed for the facility under section 311 of the CWA or BMP Programs otherwise required by an NPDES permit for the facility if such requirement is incorporated into the Plan.

VIII. OTHER SPECIFIC CONDITIONS

A. Specific Conditions Applicable to All Permits

1. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), F.S., applicable portions of reports that must be submitted under this permit shall be signed and sealed by a State-registered professional engineer or professional geologist, as appropriate. *[62-620.310(4)]*

2. Drawings, plans, documents or specifications submitted by the permittee, not attached hereto, but retained on file at the Department's Wastewater Management Program in Tallahassee, are made a part hereof.

3. This permit satisfies Wastewater Management Program permitting requirements only and does not authorize operation of this facility prior to obtaining any other permits required by local, state or federal agencies.

B. Specific Conditions Related to Existing Manufacturing, Commercial, Mining, and Silviculture Wastewater Facilities or Activities

1. Existing manufacturing, commercial, mining, and silvicultural wastewater facilities or activities that discharge into surface waters shall notify the Department as soon as they know or have reason to believe:

a. That any activity has occurred or will occur which would result in the discharge, on a routine or frequent basis, of any toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels;
(1) One hundred micrograms per liter,
(2) Two hundred micrograms per liter for acrolein and acrylonitrile; five hundred micrograms per liter for 2, 4-dinitrophenol and for 2-methyl-4, 6-dinitrophenol; and one milligram per liter for antimony, or
(3) Five times the maximum concentration value reported for that pollutant in the permit application; or

b. That any activity has occurred or will occur which would result in any discharge, on a non-routine or infrequent basis, of a toxic pollutant which is not limited in the permit, if that discharge will exceed the highest of the following levels;
(1) Five hundred micrograms per liter,
(2) One milligram per liter for antimony, or
(3) Ten times the maximum concentration value reported for that pollutant in the permit application.

[62-620.625(1)]

C. Duty to Reapply

1. The permittee is not authorized to release wastewater into the CCS after the expiration date of this permit, unless:

a. the permittee has applied for renewal of this permit at least 180 days before the expiration date (**Month, Day, Year**) using the appropriate forms listed in Rule 62-620.910, F.A.C., and in the manner established in

the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., including submittal of the appropriate processing fee set forth in Rule 62-4.050, F.A.C.; or

b. the permittee has made complete the application for renewal of this permit before the permit expiration date.

[62-620.335(1)-(4)]

2. When publishing Notice of Draft and Notice of Intent in accordance with Rules 62-110.106 and 62-620.550, F.A.C., the permittee shall publish the notice at its expense in a newspaper of general circulation in the county or counties in which the activity is to take place either

   a. Within thirty days after the permittee has received a notice; or

   b. Within thirty days after final agency action.

   Failure to publish a notice is a violation of this permit.

D. Reopener Clauses

1. The permit shall be revised, or alternatively, revoked and reissued in accordance with the provisions contained in Rules 62-620.325 and 62-620.345 F.A.C., if applicable, or to comply with any applicable effluent standard or limitation issued or approved under Sections 301(b)(2)(C) and (D), 304(b)(2) and 307(a)(2) of the CWA, as amended, if the effluent standards, limitations, or water quality standards so issued or approved:

   a. Contains different conditions or is otherwise more stringent than any condition in the permit/or;

   b. Controls any pollutant not addressed in the permit.

   The permit as revised or reissued under this paragraph shall contain any other requirements then applicable.

2. The permit may be reopened to adjust effluent limitations or monitoring requirements should future Water Quality Based Effluent Limitation determinations, water quality studies, Department approved changes in water quality standards, EPA established Total Maximum Daily Loads (TMDLs), or other information show a need for a different limitation, monitoring requirement, or more stringent requirements.

3. The Department or EPA may develop a TMDL during the life of the permit. Once a TMDL has been established and adopted by rule, the Department shall revise this permit to incorporate the final findings of the TMDL.

4. The permittee and the Department entered into a Consent Order (OGC File #16-0241) on June 20, 2016. The Department may revise the permit to include certain provisions of the Consent Order upon its completion.

E. Impoundment Design, Construction, Operation, and Maintenance

1. All impoundments used to hold or treat wastewater and stormwater, including the CCS, shall be designed, constructed, operated, and maintained to prevent the discharge of pollutants to waters of the State, except as authorized under this permit.

2. Design, construction, operation, and maintenance of any impoundment shall be in accordance with all relevant State and Federal regulations and shall be certified by a qualified, State-registered professional engineer and permitted and inspected by the appropriate agency prior to use. When practicable, piezometers or other instrumentation shall be installed as a means to aid monitoring of impoundment integrity.

3. In addition to other regular maintenance activities conduction for the CCS, which for the purposes of this section is considered an impoundment, the perimeter berms and slopes shall be maintained to protect the structural

integrity. This may include removal of trees greater than 4 inches in diameter. Vegetation and materials shall be handled and managed in accordance to the Best Management Practices Plan in Section VII of this permit.

F. Impoundment Inspections

1. The CCS periphery including the three small dams (Hotel 2, Turtle Point Canal, and the Cellular Cofferdam) shall be inspected above and below the surface waterline for the entire perimeter at a minimum of once every five years by an independent qualified, State-registered professional engineer. The three dams and all other aspects of the perimeter impoundments shall be inspected annually by a qualified, State-registered professional engineer. The term qualified means having successfully completed the Mine Safety and Health Administration Qualification for Impoundment Inspection course in addition to the Annual Retraining for Impoundment Qualification, or equivalent Qualifications. Additional inspections by qualified personnel shall be done within 7 days after large or extended rain events (i.e., 10-year, 24-hour precipitation event).

2. Inspections shall, at a minimum, include observations of dams, including the three dams (Hotel 2, Turtle Point Canal and the Cellular Cofferdam) of the CCS, dikes and toe areas for erosion, corrosion, cracks or bulges, seepage, wet or soft soil, changes in geometry, the depth and elevation of the impounded water, sediment or slurry, freeboard, changes in vegetation such as overly lush, dead or unnaturally tilted vegetation, and any other changes which may indicate a potential compromise to impoundment integrity.

   To monitor function of the cathodic protection system, suggested operation and maintenance practices described in the Operation and Maintenance Manual accompanying these devices shall be followed.

   In addition, the CCS shall be monitored in the months of April and August of each year to determine its thermal efficiency. The thermal efficiency in the CCS shall be calculated as described in the Turkey Point Cooling Canal System Thermal Efficiency Plan. If the permittee fails to achieve a minimum annual average of 70 percent, the permittee shall, within 30 days of discovering that the thermal efficiency is below the threshold, commence actions prescribed in the Turkey Point Cooling Canal System Thermal Efficiency Plan. If the permittee fails to reach the threshold by the following annual report, within 30 days, the permittee shall notify the Tallahassee Wastewater Management Program of additional measures to be taken, and a timeframe for achieving the threshold. The Turkey Point Cooling Canal System Thermal Efficiency Plan shall be updated to include the additional measures.

   The findings of each inspection including thermal efficiency, shall be documented in a written annual inspection report as described in permit condition VIII.G.1 below.

3. Remediation Measures. Within 24 hours of discovering changes that indicate a potential compromise to the structural integrity or the efficient operation of the CCS, the permittee shall begin procedures to remediate the problem. Adherence to the six components of the Turkey Point Cooling Canal System Thermal Efficiency Plan dated December 14, 2016, shall be incorporated into the facility's best management practices.

4. Within 5 days of discovering any changes in the CCS that indicate a potential compromise to the structural integrity or operation, the permittee must notify the Department in writing describing the findings of the inspection, corrective measures taken since discovery of the change, other planned corrective measures and the expected outcomes. Failure to do so will be a violation of this permit.

5. Other issues which may have long term impacts on impoundment integrity, such as trees growing on the CCS perimeter impoundment or banks or vegetation blocking canals or spillways, shall be cleared within a timely manner to ensure operational integrity, but no later than 6 months from first observation. In addition, the CCS impoundment shall be maintained to prevent the growth, accumulation, or spread of any plant species.

6. During routine operational and maintenance activities around the CCS, periodic observation of the perimeter should continue reporting noted defects.

G. Reporting and Recordkeeping Requirements

1. In accordance with schedule item VI.4 the permittee shall submit an annual report of all impoundment inspections and maintenance activities, including corrective actions made in response to inspections, summarizing findings of all monitoring activities including the annual thermal efficiency evaluation of the CCS, remediation measures pertaining to the structural integrity, design, construction, and operation and maintenance of the CCS, and all other activities undertaken to repair or maintain the CCS and other impoundments.

2. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the StateWatch Office pursuant to permit condition IX.20 shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at https://floridadep.gov/pollutionnotice.

   a. If, after providing notice pursuant to paragraph (2) above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit a letter to the Department documenting such determination.

   b. If, after providing notice pursuant to paragraph (2) above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

H. Specific Conditions Related to Preservation of State Historical Resources

1. If prehistoric or historic artifacts, such as pottery or ceramics, projectile points, dugout canoes, metal implements, historic building materials, or any other physical remains that could be associated with Native American, early European, or American settlement are discovered at any time within the project site area, the permittee shall immediately notify the Florida Department of State, Division of Historical Resources, Compliance Review Section at (850) 245-6333, to determine appropriate action.

2. In the event that unmarked human remains are encountered during permitted activities, all work shall stop immediately and the proper authorities notified in accordance with Section 872.05, Florida Statutes.

I. Other Noncompliance Reporting Requirements

1. In accordance with Section 403.077, F.S., unauthorized releases or spills reportable to the State Watch Office pursuant to Permit Condition IX.20.b.1. shall also be reported to the Department within 24 hours from the time the permittee becomes aware of the discharge. The permittee shall provide to the Department information reported to the State Watch Office. Notice of unauthorized releases or spills may be provided to the Department through the Department's Public Notice of Pollution web page at https://floridadep.gov/pollutionnotice.

   a. If, after providing notice pursuant to paragraph 1 above, the permittee determines that a reportable unauthorized release or spill did not occur or that an amendment to the notice is warranted, the permittee may submit additional notice to the Department documenting such determination.
   b. If, after providing notice pursuant to paragraph 1 above, the permittee discovers that a reportable unauthorized release or spill has migrated outside the property boundaries of the installation, the permittee must provide an additional notice to the Department that the release has migrated outside the property boundaries within 24 hours after its discovery of the migration outside of the property boundaries.

[62-620.100(3)] [403.077, F.S.]

IX. GENERAL CONDITIONS

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit are binding and enforceable pursuant to Chapter 403, Florida Statutes. Any permit noncompliance constitutes a violation of Chapter 403, Florida Statutes, and is grounds for enforcement action, permit termination, permit revocation and reissuance, or permit revision. *[62-620.610(1)]*

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviations from the approved drawings, exhibits, specifications or conditions of this permit constitutes grounds for revocation and enforcement action by the Department. *[62-620.610(2)]*

3. As provided in Section 403.087(7), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor authorize any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Department permit or authorization that may be required for other aspects of the total project which are not addressed in this permit. *[62-620.610(3)]*

4. This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title. *[62-620.610(4)]*

5. This permit does not relieve the permittee from liability and penalties for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department. The permittee shall take all reasonable steps to minimize or prevent any discharge, reuse of reclaimed water, or residuals use or disposal in violation of this permit which has a reasonable likelihood of adversely affecting human health or the environment. It shall not be a defense for a permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit. *[62-620.610(5)]*

6. If the permittee plans to continue an activity regulated by this permit after its expiration date, the permittee shall apply for and obtain a new permit. *[62-620.610(6)]*

7. The permittee shall at all times properly operate and maintain the facility and systems of treatment and control, and related appurtenances, that are installed and used by the permittee to achieve compliance with the conditions of this permit. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to maintain or achieve compliance with the conditions of the permit. *[62-620.610(7)]*

8. This permit may be modified, revoked and reissued, or terminated for cause. The filing of a request by the permittee for a permit revision, revocation and reissuance, or termination, or a notification of planned changes or anticipated noncompliance does not stay any permit condition. *[62-620.610(8)]*

9. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, including an authorized representative of the Department and authorized EPA personnel, when applicable, upon presentation of credentials or other documents as may be required by law, and at reasonable times, depending upon the nature of the concern being investigated, to:

   a. Enter upon the permittee's premises where a regulated facility, system, or activity is located or conducted, or where records shall be kept under the conditions of this permit;

   b. Have access to and copy any records that shall be kept under the conditions of this permit;

   c. Inspect the facilities, equipment, practices, or operations regulated or required under this permit; and

   d. Sample or monitor any substances or parameters at any location necessary to assure compliance with this permit or Department rules.

   [62-620.610(9)]

10. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data, and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except as such use is proscribed by Section 403.111, F.S., or Rule 62-

620.302, F.A.C. Such evidence shall only be used to the extent that it is consistent with the Florida Rules of Civil Procedure and applicable evidentiary rules. *[62-620.610(10)]*

11. When requested by the Department, the permittee shall within a reasonable time provide any information required by law which is needed to determine whether there is cause for revising, revoking and reissuing, or terminating this permit, or to determine compliance with the permit. The permittee shall also provide to the Department upon request copies of records required by this permit to be kept. If the permittee becomes aware of relevant facts that were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be promptly submitted or corrections promptly reported to the Department. *[62-620.610(11)]*

12. Unless specifically stated otherwise in Department rules, the permittee, in accepting this permit, agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard. *[62-620.610(12)]*

13. The permittee, in accepting this permit, agrees to pay the applicable regulatory program and surveillance fee in accordance with Rule 62-4.052, F.A.C. *[62-620.610(13)]*

14. This permit is transferable only upon Department approval in accordance with Rule 62-620.340, F.A.C. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department. *[62-620.610(14)]*

15. The permittee shall give the Department written notice at least 60 days before inactivation or abandonment of a wastewater facility or activity and shall specify what steps will be taken to safeguard public health and safety during and following inactivation or abandonment. *[62-620.610(15)]*

16. The permittee shall apply for a revision to the Department permit in accordance with Rule 62-620.300, F.A.C., and the Department of Environmental Protection Guide to Permitting Wastewater Facilities or Activities Under Chapter 62-620, F.A.C., at least 90 days before construction of any planned substantial modifications to the permitted facility is to commence or with subsection 62-620.325(2), F.A.C., for minor modifications to the permitted facility. A revised permit shall be obtained before construction begins except as provided in Rule 62-620.300, F.A.C. *[62-620.610(16)]*

17. The permittee shall give advance notice to the Department of any planned changes in the permitted facility or activity which may result in noncompliance with permit requirements. The permittee shall be responsible for any and all damages which may result from the changes and may be subject to enforcement action by the Department for penalties or revocation of this permit. The notice shall include the following information:

    a. A description of the anticipated noncompliance;

    b. The period of the anticipated noncompliance, including dates and times; and

    c. Steps being taken to prevent future occurrence of the noncompliance.

    [62-620.610(17)]

18. Sampling and monitoring data shall be collected and analyzed in accordance with Rule 62-4.246 and Chapters 62-160, 62-601, and 62-610, F.A.C., and 40 CFR 136, as appropriate.

    a. Monitoring results shall be reported at the intervals specified elsewhere in this permit and shall be reported on a DMR, DEP Form 62-620.910(10), or as specified elsewhere in the permit.

    b. If the permittee monitors any contaminant more frequently than required by the permit, using Department approved test procedures, the results of this monitoring shall be included in the calculation and reporting of the data submitted in the DMR.

    c. Calculations for all limitations which require averaging of measurements shall use an arithmetic mean unless otherwise specified in this permit.

d. Except as specifically provided in Rule 62-160.300, F.A.C., any laboratory test required by this permit shall be performed by a laboratory that has been certified by the Department of Health Environmental Laboratory Certification Program (DOH ELCP). Such certification shall be for the matrix, test method and analyte(s) being measured to comply with this permit.

e. Field activities including on-site tests and sample collection shall follow the applicable standard operating procedures described in DEP-SOP-001/01 adopted by reference in Chapter 62-160, F.A.C.

f. Alternate field procedures and laboratory methods may be used where they have been approved in accordance with Rules 62-160.220, and 62-160.330, F.A.C.

[62-620.610(18)]

19. Reports of compliance or noncompliance with, or any progress reports on, interim and final requirements contained in any compliance schedule detailed elsewhere in this permit shall be submitted no later than 14 days following each schedule date. *[62-620.610(19)]*

20. The permittee shall report to the Department's Southeast District Office any noncompliance which may endanger health or the environment. Any information shall be provided orally within 24 hours from the time the permittee becomes aware of the circumstances. A written submission shall also be provided within five days of the time the permittee becomes aware of the circumstances. The written submission shall contain: a description of the noncompliance and its cause; the period of noncompliance including exact dates and time, and if the noncompliance has not been corrected, the anticipated time it is expected to continue; and steps taken or planned to reduce, eliminate, and prevent recurrence of the noncompliance.

    a. The following shall be included as information which must be reported within 24 hours under this condition:
        (1) Any unanticipated bypass which causes any reclaimed water or effluent to exceed any permit limitation or results in an unpermitted discharge,
        (2) Any upset which causes any reclaimed water or the effluent to exceed any limitation in the permit,
        (3) Violation of a maximum daily discharge limitation for any of the pollutants specifically listed in the permit for such notice, and
        (4) Any unauthorized discharge to surface or groundwaters.

    b. Oral reports as required by this subsection shall be provided as follows:
        (1) For unauthorized releases or spills of treated or untreated wastewater reported pursuant to subparagraph 20(a).4. that are in excess of 1,000 gallons per incident, or where information indicates that public health or the environment will be endangered, oral reports shall be provided to the STATE WATCH POINT OFFICE TOLL FREE NUMBER (800) 320-0519, as soon as practical, but no later than 24 hours from the time the permittee becomes aware of the discharge. The permittee, to the extent known, shall provide the following information to the State Watch Point:
            (a) Name, address, and telephone number of person reporting;
            (b) Name, address, and telephone number of permittee or responsible person for the discharge;
            (c) Date and time of the discharge and status of discharge (ongoing or ceased);
            (d) Characteristics of the wastewater spilled or released (untreated or treated, industrial or domestic wastewater);
            (e) Estimated amount of the discharge;
            (f) Location or address of the discharge;
            (g) Source and cause of the discharge;
            (h) Whether the discharge was contained on-site, and cleanup actions taken to date;
            (i) Description of area affected by the discharge, including name of water body affected, if any; and
            (j) Other persons or agencies contacted.
        (2) Oral reports, not otherwise required to be provided pursuant to subparagraph 20.b.1 above, shall be provided to the Department's Southeast District Office within 24 hours from the time the permittee becomes aware of the circumstances.

    c. If the oral report has been received within 24 hours, the noncompliance has been corrected, and the noncompliance did not endanger health or the environment, the Department's Southeast District Office shall waive the written report.

[62-620.610(20)]

21. The permittee shall report all instances of noncompliance not reported under Permit Conditions IX. 17, 18 or 19 of this permit at the time monitoring reports are submitted. This report shall contain the same information required by Permit Condition IX.20 of this permit. *[62-620.610(21)]*

22. Bypass Provisions.

    a. "Bypass" means the intentional diversion of waste streams from any portion of a treatment works.

    b. Bypass is prohibited, and the Department may take enforcement action against a permittee for bypass, unless the permittee affirmatively demonstrates that:
       (1) Bypass was unavoidable to prevent loss of life, personal injury, or severe property damage; and
       (2) There were no feasible alternatives to the bypass, such as the use of auxiliary treatment facilities, retention of untreated wastes, or maintenance during normal periods of equipment downtime. This condition is not satisfied if adequate back-up equipment should have been installed in the exercise of reasonable engineering judgment to prevent a bypass which occurred during normal periods of equipment downtime or preventive maintenance; and
       (3) The permittee submitted notices as required under Permit Condition IX.22.c. of this permit.

    c. If the permittee knows in advance of the need for a bypass, it shall submit prior notice to the Department, if possible at least 10 days before the date of the bypass. The permittee shall submit notice of an unanticipated bypass within 24 hours of learning about the bypass as required in Permit Condition IX.20. of this permit. A notice shall include a description of the bypass and its cause; the period of the bypass, including exact dates and times; if the bypass has not been corrected, the anticipated time it is expected to continue; and the steps taken or planned to reduce, eliminate, and prevent recurrence of the bypass.

    d. The Department shall approve an anticipated bypass, after considering its adverse effect, if the permittee demonstrates that it will meet the three conditions listed in Permit Condition IX. 22.b.1 through 3 of this permit.

    e. A permittee may allow any bypass to occur which does not cause reclaimed water or effluent limitations to be exceeded if it is for essential maintenance to assure efficient operation. These bypasses are not subject to the provisions of Permit Condition IX.22.a. through c. of this permit.

    [62-620.610(22)]

23. Upset Provisions.

    a. "Upset" means an exceptional incident in which there is unintentional and temporary noncompliance with technology-based effluent limitations because of factors beyond the reasonable control of the permittee.
       (1) An upset does not include noncompliance caused by operational error, improperly designed treatment facilities, inadequate treatment facilities, lack of preventive maintenance, careless or improper operation.
       (2) An upset constitutes an affirmative defense to an action brought for noncompliance with technology based permit effluent limitations if the requirements of upset provisions of Rule 62-620.610, F.A.C., are met.

    b. A permittee who wishes to establish the affirmative defense of upset shall demonstrate, through properly signed contemporaneous operating logs, or other relevant evidence that:
       (1) An upset occurred and that the permittee can identify the cause(s) of the upset;
       (2) The permitted facility was at the time being properly operated;
       (3) The permittee submitted notice of the upset as required in Permit Condition IX.20. of this permit; and
       (4) The permittee complied with any remedial measures required under Permit Condition IX.20. of this permit.

    c. In any enforcement proceeding, the burden of proof for establishing the occurrence of an upset rests with the permittee.

    d. Before an enforcement proceeding is instituted, no representation made during the Department review of a claim that noncompliance was caused by an upset is final agency action subject to judicial review.

    [62-620.610(23)]

Executed in Tallahassee, Florida.

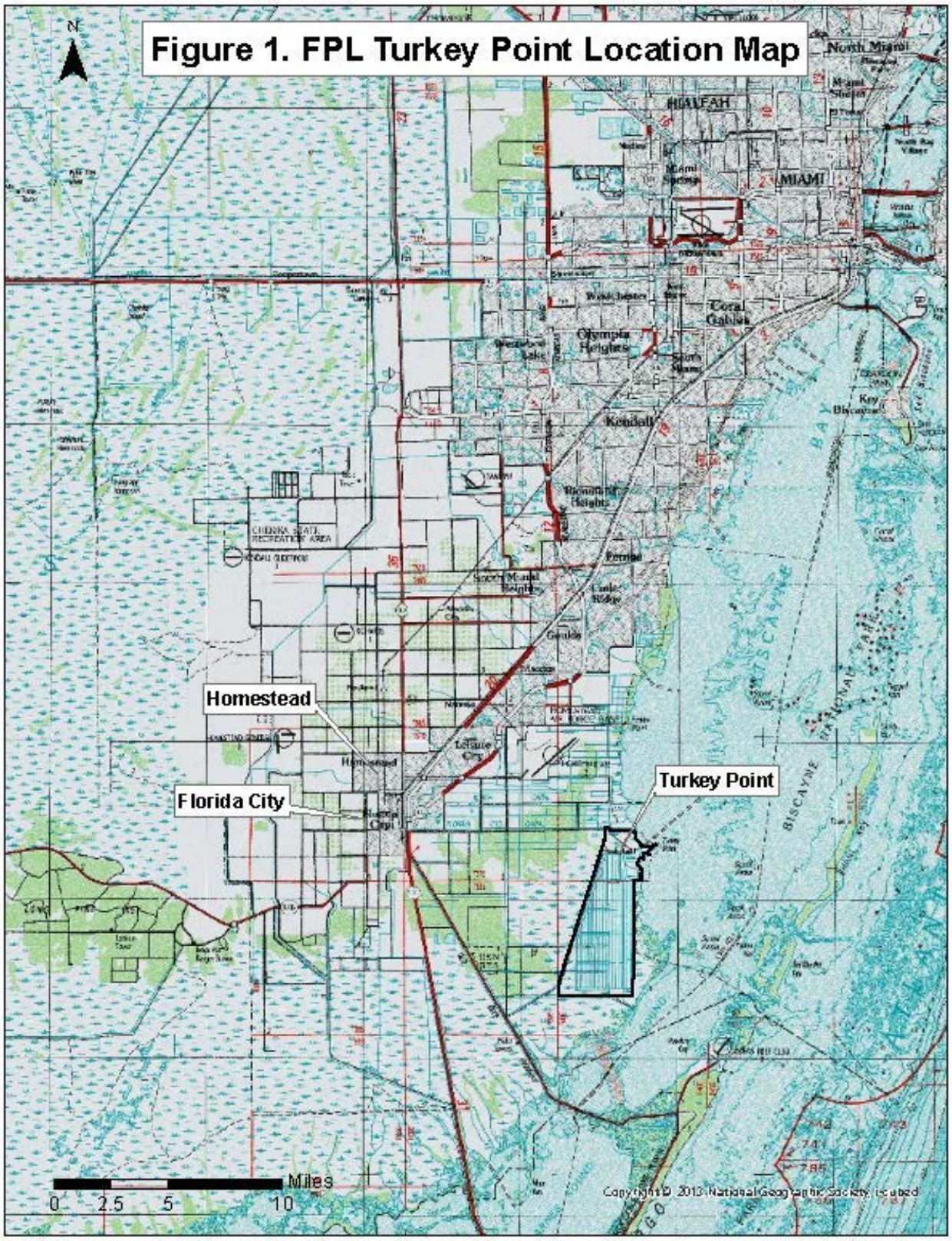
PERMITTEE: Florida Power & Light Company (FPL)
FACILITY: Turkey Point Power Plant

PERMIT NUMBER: FL0001562 (Major)
EXPIRATION DATE:

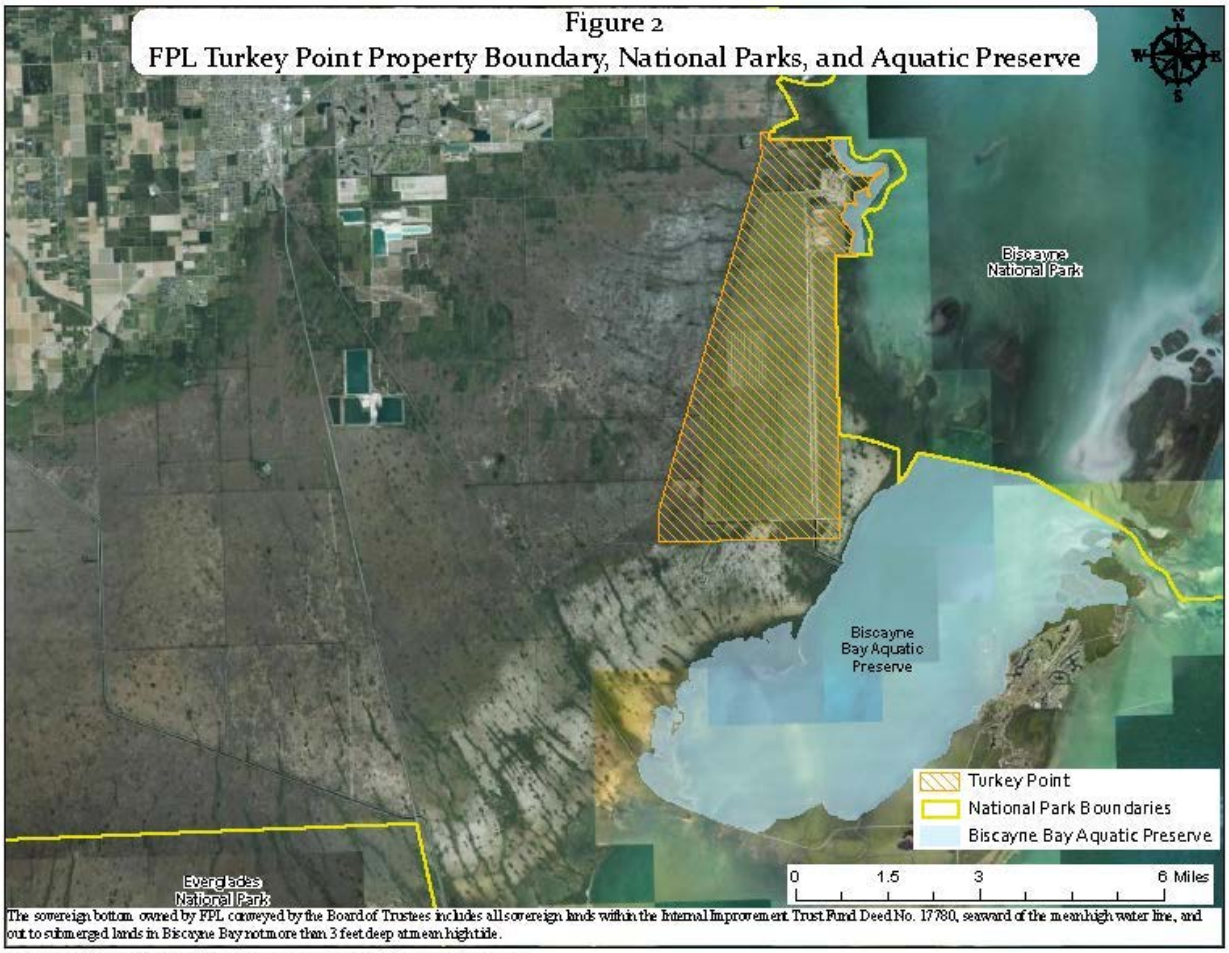
STATE OF FLORIDA DEPARTMENTOF
ENVIRONMENTAL PROTECTION

_____
Benjamin M. Melnick
Director
Division of Water Resource Management

PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:



PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

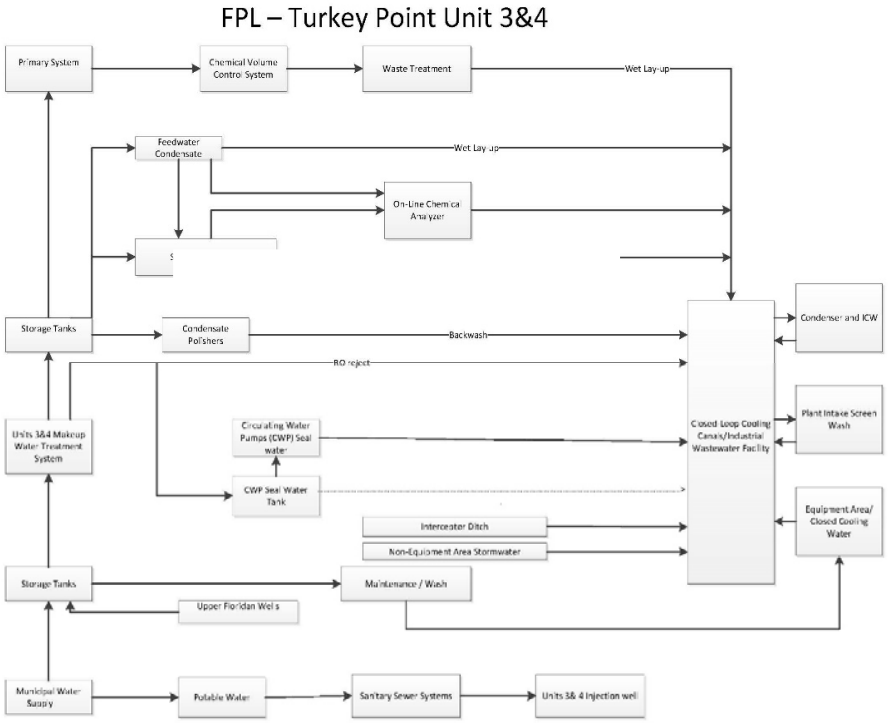


PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

Figure 3
FPL Turkey Point Property Boundary

PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

Figure 4. FPL Turkey Point Power Plant Units 3 & 4 Flow Diagram



PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

Figure 5. FPL Turkey Point Power Plant Unit 5 Flow Diagram

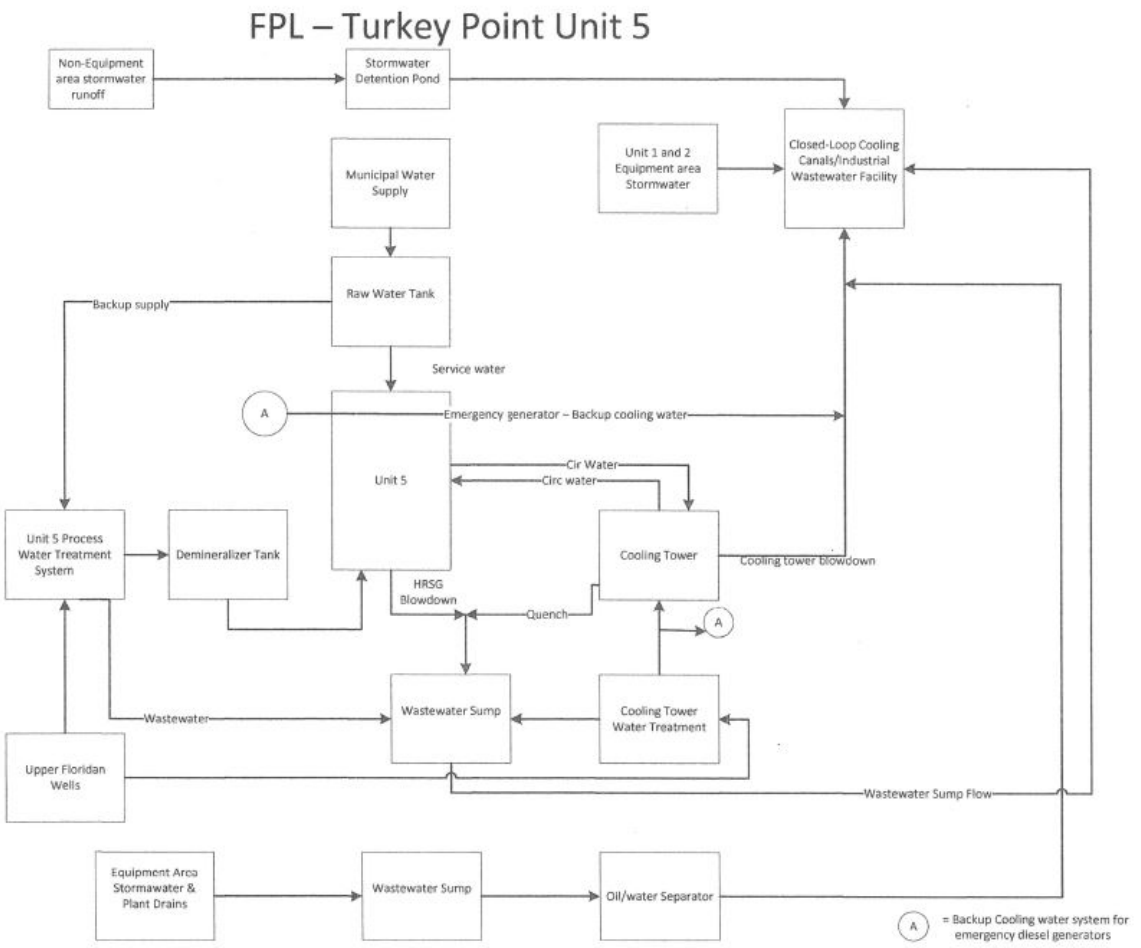


Figure 6. FPL Turkey Point Power Plant Groundwater, Surface Water, and Porewater Monitoring Locations

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PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

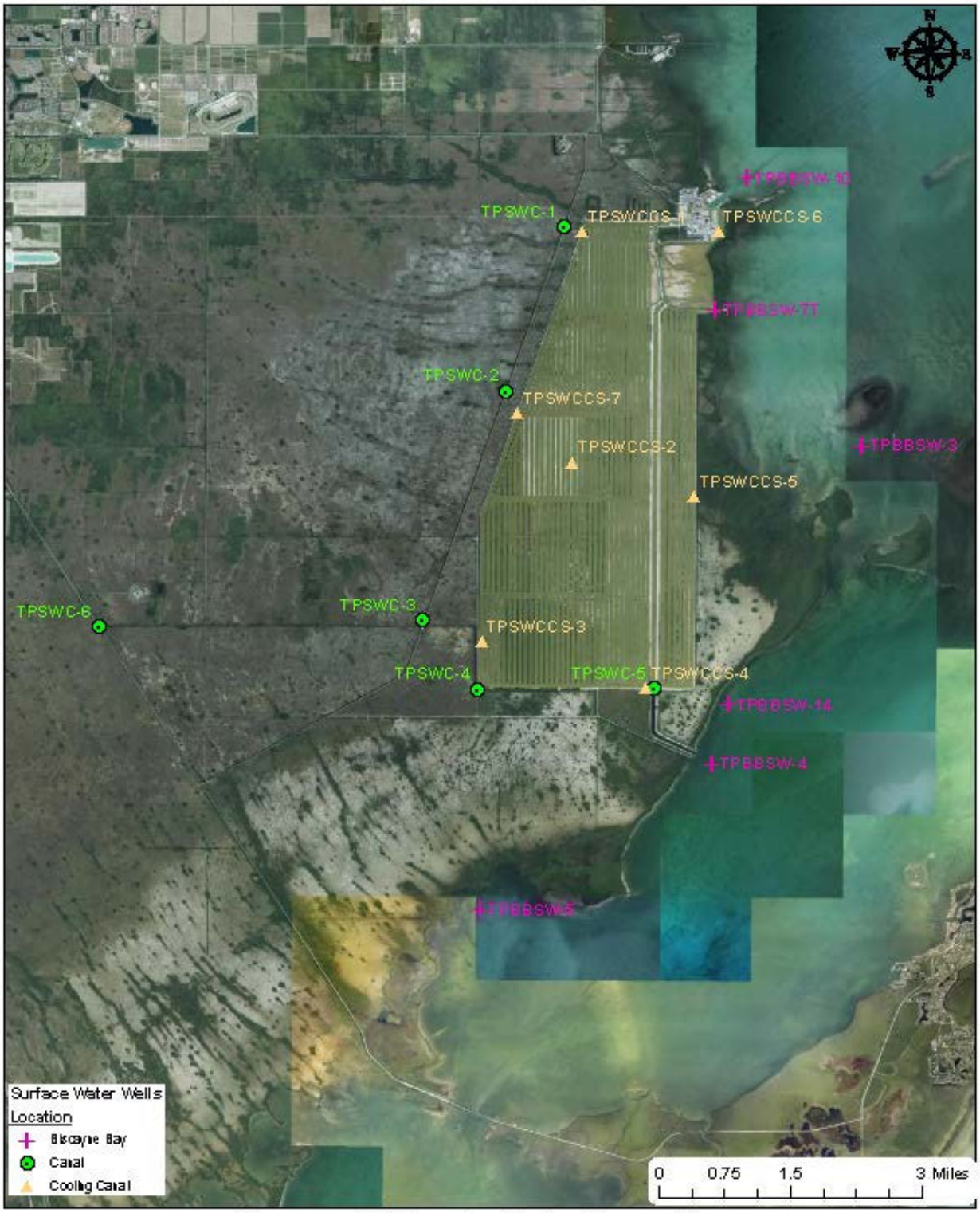

Figure 7. FPL Turkey Point Power Plant
Surface Water Monitoring Locations

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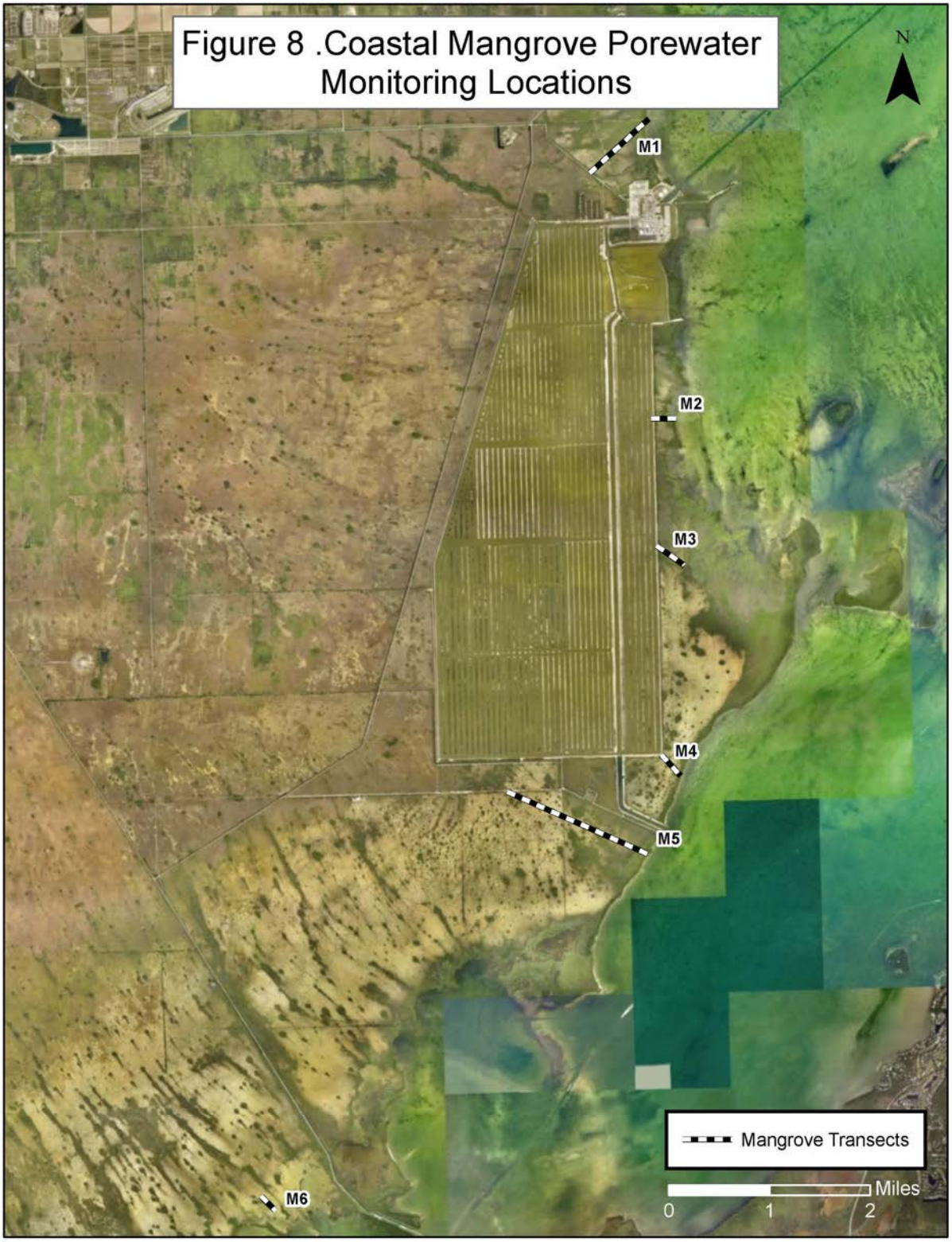
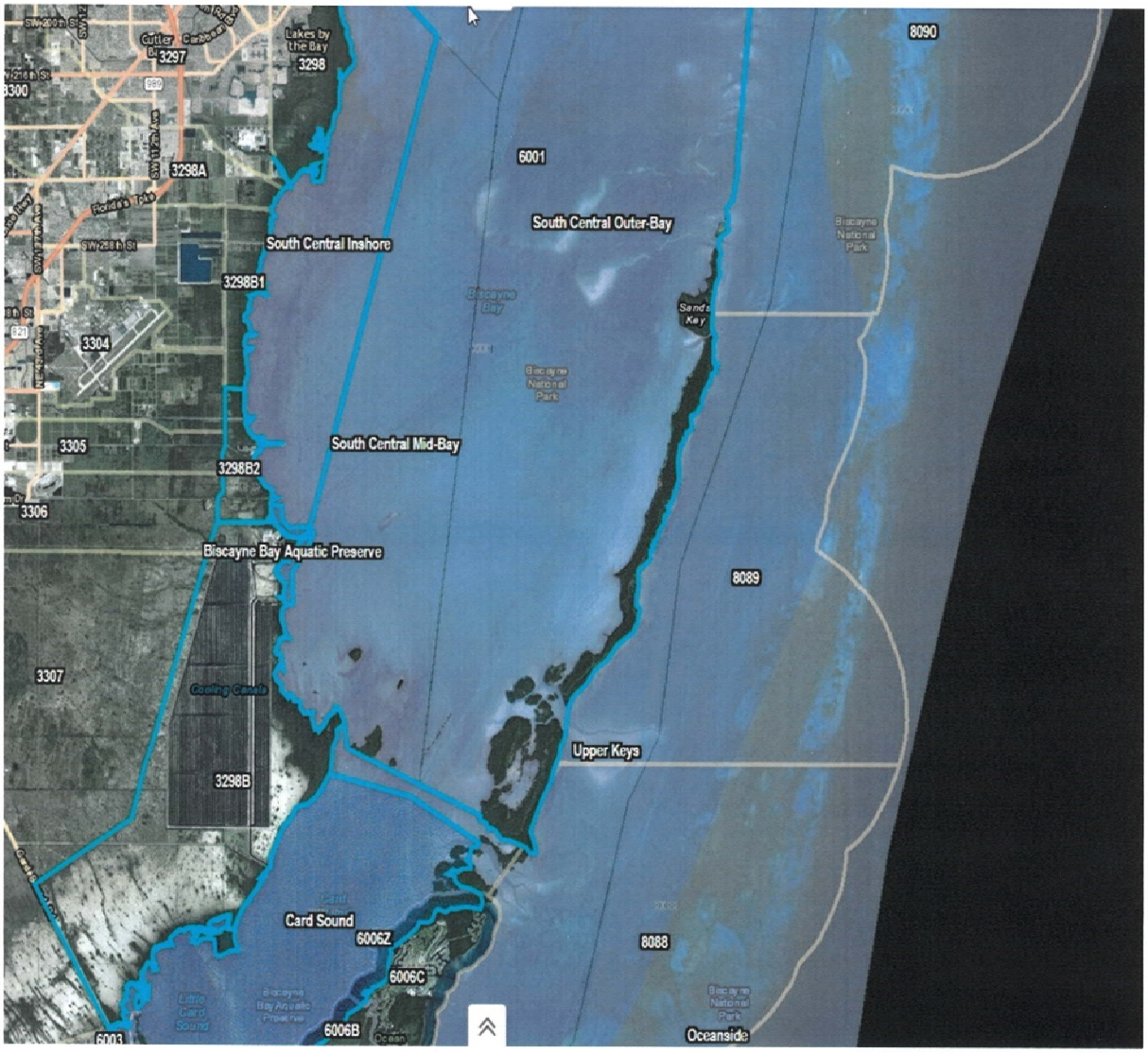
FACILITY: Turkey Point Power Plant EXPIRATION DATE:



PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

PERMITTEE: Florida Power & Light Company (FPL) PERMIT NUMBER: FL0001562 (Major)
FACILITY: Turkey Point Power Plant EXPIRATION DATE:

Figure 10. South Central and Card Sound Bay Segments



FACT SHEET
FOR
STATE OF FLORIDA INDUSTRIAL WASTEWATER FACILITY PERMIT

PERMIT NUMBER: FL0001562 (Major)

NAME OF PERMITTEE: Florida Power & Light Company (FPL)

FACILITY NAME: Turkey Point Power Plant

FACILITY LOCATION: 9760 SW 344th St, Florida City, Florida 33035
Miami-Dade County

PERMIT WRITERS: Frank Wall, Engineering Specialist IV

Allan Stodghill, P.G., Professional Geologist II

Marc Harris, P.E., Program Administrator

Addendum to Factsheet – The public comment period for the Notice of Draft began on January 15, 2019. During the comment period, the Department received requests to extend the comment period beyond 30 days. A public notice announcing a public meeting was published in the Miami Herald on April 4, 2019. The public meeting was held on May 7, 2019, in Homestead. During the meeting the public had the opportunity to discuss their concerns directly with the Department and FPL representatives. The Department accepted additional comments from the public on the day of the meeting until close of business May 21, 2019. As a result of the comments received and the input from the public meeting, the draft permit was revised as follows:

1. *The facility description section of the permit was updated to more accurately reflect facility operations and surrounding locations along the facility boundaries. Figure 2 was updated with a map showing the boundaries of Biscayne National Park, Biscayne Bay Aquatic Preserve, and Everglades National Park. Figure 3 was replaced with a map showing the boundaries of the Turkey Point facility. Under the wastewater treatment section, the sentence referring to discharges from the facility to surface waters of the State was removed to provide clarity to authorized discharges explicitly expressed in the permit.*

2. *A statement was added to the reuse or disposal groundwater discharge section of the permit regarding Miami-Dade County's regulatory authority under the County's Home Charter Rule. Minor descriptive changes to this section were also provided for clarification.*

3. *Monitoring group D-02A was revised from surface water to porewater in the reuse or disposal section and permit condition II.C.1. The groundwater monitoring group G-001 descriptor "outfall" was replaced with "series".*

4. *Permit condition I.1. The condition was expanded to include reference to Rule 62-520.420, F.A.C., adjacent groundwaters, and compliance schedule items.*

5. *Footnote 2. The footnote was revised by removal of "remedial" and "for achieving compliance with this condition of" as they are not indicative of the requirements of paragraphs 19 and 21 of Consent Order 16-0241.*

6. *Permit condition I.4. The table was expanded to include monitoring for sulfide. Table note "*" well references were revised from TPGW-1 and TPGW-18 to TPGW-L3-18 and TPGW-L5-18. Table note "**" was expanded to clarify sampling frequency and sample collection. Reference to table note "**" was included for the specific conductance. Additionally, the monitoring frequency for temperature was revised from hourly to quarterly consistent with the clarification to note "**".*

7. *New permit condition I.5. The condition was added to the permit which identifies monitoring wells TPGW- 1, 4, 5, 6, 17, 18, and 19 used to assist in the determination of the extent of retraction of the hypersaline plume.*

8. *Permit condition I.7. For clarification, the parameter "N" was revised to Nitrite plus Nitrate, Total (as N). The condition was expanded requiring the facility to implement Department-approved corrective action to address water quality violation and/or impacts within a timetable provided by the Department.*

9. *New permit condition II.A.2. The permit condition prohibits the facility from causing or contributing to a violation of the surface water quality standards or criteria in Rule 62-302, F.A.C.*

10. *Permit condition II.A.4 (Formerly II.A.3). The table was updated to require all parameters to be monitored at SWD-8, SWD-9, SWD-10, SWD-11, and SWD-12, where applicable. Sample type was updated for all instances of Instantaneous to In situ based on comments provided by the facility. Total sodium was revised to total recoverable sodium. For NPDES permitting the two may be used interchangeably.*

11. *Permit condition II.B.1. Sample type was updated for temperature from Instantaneous to In situ based on comments provided by the facility. Total sodium was revised to total recoverable sodium. For NPDES permitting the two may be used interchangeably. Monitoring site OUI-2 was removed from salinity as the value is capture in the calculation provided by CAL-1.*

12. *Permit condition II.B.3. The permit condition was expanded requiring automated hourly data and analytical results from existing individual stations be made available via FPL's EDMS. Reference to Biscayne Bay is not applicable to this permit condition and was therefore removed. The monthly requirement to compile and create an average was revised to quarterly.*

13. *Permit condition II.B.5. The permit condition was revised to require submittal of copies of comments or findings based on report and data submittals reviewed by other agencies to the Department upon request.*

14. *Permit condition II.C.2. Total sodium and total calcium were revised to total recoverable sodium and calcium. For NPDES permitting the two may be used interchangeably. Fluid density units were revised from g/cm3 to g/ml as the two are identical.*

15. *Permit condition II.D.1. Sentence 1 was revised to include reference to a "Department-approved methodology".*

16. *Permit condition II.D.8. This condition was revised to include a new subsection b regarding the formation of nuisances, and reference to Rule 62-302.500(1), F.A.C.*

17. *Permit condition II.D.10. The introductory sentence was revised to include, "Discharge of" and "this requirement is not applicable to", for the purpose of additional clarification.*

18. *Permit condition II.D.15 and footnote 6. The facility was first authorized approval to trial use Optisperse PWR6600 for six months in August of 2018. Additional six-month trials were approved following the initial request. Based on the information provided, Optisperse was added to the approved chemical list of permit condition II.D.15. The facility also indicated that it was no longer trialing anodamine. Based on these changes, footnote 6 is no longer applicable, and hence was removed from the proposed permit.*

19. *Permit condition II.D.19.a. The condition was revised to include reference to Waters of the State.*

20. *Permit condition III.4. The permit condition was expanded requiring vegetation and materials be handled and managed in accordance with the Best Management Practices Plan in Section VII of the permit.*

21. *Schedule item VI.4. The annual nutrient monitoring summary report submittal requirement to begin the third year following permit issuance was removed, and the requirement that it be based on 24 months of data was revised to 12 months of data.*

22. *New schedule items VI.8-10. The new schedule items refer to the hypersaline plume management compliance requirements.*

23. *New permit condition VII.B.3.c.(1)(h). This is a new required component of the waste minimization assessment (WMA) of the Best Management Practices Plan that requires implementation of the Turkey Point CCS Nutrient Management Plan (September 16, 2016), including submittal of annual progress reports.*

24. *Permit condition VIII.E.3. The permit condition was expanded requiring vegetation and materials be handled and managed in accordance with the Best Management Practices Plan in Section VII of the permit.*

25. *Permit condition VIII.F.1. The sentence, "All impoundments other than the CCS shall be inspected at least monthly by qualified personnel.", was removed as the remaining portions of the permit condition provide coverage for the impoundment inspections. The facility indicated that no other impoundments exist at the facility.*

26. *Permit condition VIII.F.5. The permit condition regarding impoundment inspections was expanded requiring maintenance to prevent the growth, accumulation, or spread of any plant species that impact structural integrity of the impoundments. The timeframe was revised to be timely, but no later than 6 months.*

27. *New Section VIII.I. A new standard permit condition VIII.I.1 was added to the permit requiring notification of unauthorized releases or spills be provided to the Department through the Department's Public Notice of Pollution web page.*

28. *The compliance submittal month was revised from November to August 31st throughout the permit.*

Changes as described above to the permit are hereby noted as corresponding changes to the Fact Sheet where applicable.

At the request of the facility, updates and clarifications to the Fact Sheet are identified by italics and underline, while deletions are identified by strikethrough as shown below.

Abbreviations and Acronyms

AADF	Annual Average Daily Flow
AGM	Annual geometric mean
BPJ	Best Professional Judgement
CCS	Cooling Canal System
CO	Consent Order
Deg F	Degrees Fahrenheit
EPA	United States Environmental Protection Agency
Ft	Feet
F.A.C.	Florida Administrative Code
FPL	Florida Power & Light Company
F.S.	Florida Statutes
g/cm^3	Grams per cubic centimeter
ICW	Intake Cooling Water
MW	Megawatts
ug/L	Microgram per liter
umhos/cm	Micromhos per centimeter
mg/L	Milligrams per liter
MGD	Million Gallons per Day
NPDES	National Pollutant Discharge Elimination System
NTU	Nephelometric Turbidity Unit
NAICS	North American Industry Classification System
NAVD	North American Vertical Datum
NOV	Notice of Violation
OGC	Office of General Counsel
OTCW	Once-through Cooling Water
OFW	Outstanding Florida Water
pCi/L	Picocuries per liter
PCU	Platinum-Cobalt Unit
PSU	Practical Salinity Unit
P.E.	Professional Engineer
P.G.	Professional Geologist
SFWMD	South Florida Water Management District
SIC	Standard Industrial Classification
s.u.	Standard Units
TDS	Total Dissolved Solids
TMDL	Total Maximum Daily Load
USGS	United States Geological Survey

BACKGROUND

1. CHRONOLOGY OF APPLICATION

File Number:	FL0001562-012-IW1N
Application Submittal Date:	October 22, 2009
Additional Information:	March 12th, June 1st, August 16th, September 16th & December 13th, 2010; September 30th, 2016; February 10th & 22nd, April 24th, May 5th, August 16th & 29th & October 16th, 2017; August 3rd, September 11th & 14th, October 29th, November 5th, December 4th, 2018, and other dates.
Notice of Draft:	January 2, 2019 (issued); January 15, 2019 (published)
Public Meeting:	April 4, 2019 (published); May 7, 2019 (public meeting); May 21, 2019 (comment period closed)

2. FACILITY DESCRIPTION

Standard Industrial Classification (SIC) Code: 4911 - Electrical Generation.

316(b): The facility does not have any cooling water intake structures, and therefore, is not subject to Section 316(b) of the Clean Water Act.

North American Industry Classification System (NAICS): 221112 - Fossil Fuel Electric Power Generation, 221113 – Nuclear Electric Power Generation.

Existing Cooling Canal System Permitted Capacity: 2763 Million Gallons per Day (MGD) Annual Average Daily Flow (AADF)

Proposed Increase in Permitted Capacity: No increase

Proposed Total Permitted Capacity: 2763 MGD AADF

The Turkey Point facility, which began operation in 1967, is located on approximately 11,000 acres in unincorporated southeast Miami-Dade County about 25 miles south of Miami and about nine miles east of Florida City and Homestead (See Figure 1, FPL Turkey Point Location Map). Biscayne National Park, established in 1980, lies adjacent to eastern portions of the facility. The Biscayne Bay Aquatic Preserve, established in 1974, is southeast of the facility. Everglades National Park, established in 1934, is to the south and west (see Figure 2, Turkey Point Power Plant, National Parks, and Aquatic Preserve).

West of the facility are the South Florida Water Management District (SFWMD) L-31E Canal, the historic C-106 Canal (Model Lands North Canal), and the historic C-107 Canal (Model Lands South Canal). Southeast of the facility is the Card Sound *Discharge* Canal and southwest and south is the SFWMD S-20 Discharge Canal. The remnant canals at Turtle Point and the Barge Basin are located east northeast and northeast of the facility, respectively (see Figure 3, Turkey Point Power Plant Internal Outfall and Dam Structures and Adjacent Canals).

The facility consists of three electrical generating units: two nuclear units (Units 3 and 4) and one natural gas-fired combined cycle unit (Unit 5). Units 3, 4, and 5 began commercial operation in 1972, 1973, and 2007, respectively. Units 3 and 4 each have a nominal capacity of 815 Megawatts (MW) and Unit 5 has a nominal capacity of 1209 MW. Units 3, 4 and 5 are also regulated under the Florida Electrical Power Plant Siting Act (License No. PA03-045).

FPL owns and operates a recirculating cooling canal system (CCS) at the facility *that began permitted operation in 1973*. The CCS provides a heat removal function for the cooling water from Units 3 and 4. Unit 5 dissipates heat through cooling tower cells. The heated water generated by operation of Units 3 and 4 is released to the recirculating CCS and returned to Units 3 and 4. The temperature of the water entering Units 3 and 4 is regulated by the U.S. Nuclear Regulatory Commission under the Atomic Energy Act. Groundwater withdrawals from the Floridan aquifer is the source of cooling water for Unit 5, and is authorized under License No. PA03-045. Groundwater from the Floridan aquifer is also used as makeup water to help offset evaporation within the CCS.

The facility, as originally designed and constructed, included a once-through cooling water (OTCW) system (i.e., point source discharge of heated wastewater to surface waters). The facility obtained cooling water by drawing surface water from an intake channel connected to Biscayne Bay, and discharged the heated wastewater into Biscayne Bay and Card Sound through a series of discharge canals. FPL was required to construct the CCS to satisfy a 1971 consent judgment with the U.S. Department of Justice. The judgement required the permitting, construction, operation, and maintenance of the CCS as a recirculating cooling water system (i.e., no point source discharges of heated wastewater to surface waters). In addition, the judgement allowed FPL to directly discharge CCS water through the Card Sound *Discharge* Canal to Card Sound, provided the discharge met the stipulated requirements in the judgement. This allowance was to prevent the excessive concentration of salt in the CCS water.

In 1972, the U.S. Atomic Energy Commission prepared an environmental impact statement (EIS) with respect to the construction of the cooling canal system. The EIS indicated that water from the CCS would discharge to groundwater and that some of that groundwater could seep into adjacent surface waters (Biscayne Bay and Card Sound). The EIS acknowledged the potential for minimal adverse impacts on flora (red mangroves) and fauna (shallow benthic communities). The approach to groundwater seepage set forth ~~in the draft permit is~~ *in the EIS was* to monitor the effects of groundwater seepage and address any adverse environmental impacts that may develop.

The construction of the CCS *began in 1972* ~~was completed in August 1973~~*. Construction was completed and operations permitted in 1973*. ~~The CCS became fully operational in 1978 and~~ *The CCS* occupies an area approximately 2 miles wide by 5 miles long. This area includes a network of 168 miles of earthen canals covering approximately 6,900 acres of which 4,370 acres are water surface. The circulation route from the plant discharge to plant intake is 13.2 miles and takes approximately 44 hours to complete. The CCS canals are excavated into the native rock and the underlying surficial aquifer, which is *part of* the Biscayne aquifer.

The CCS perimeter berms were constructed using structural road base material and excavated rock fill. Berm widths around the perimeter of the CCS range from about 25 feet to over 100 feet, with an average width of about 50 feet. Interior berms separating the canal sections are primarily covered with deposited excavated soils from the CCS canals.

The perimeter includes three small, manmade dams: two earthen dams each with an internal cement bentonite slurry wall (Hotel 2 north of Card Sound *Discharge* Canal and one located at Turtle Point); and a cellular cofferdam located near the plant in the Barge Basin.

In September 2016, the CCS periphery including dams, dikes, berms, and appurtenant structures were inspected by an independent qualified safety professional in accordance with the Department's Consent Order (CO) (OGC No. 16-0241) that was issued in June 2016. For more information on the CO, see Part II Section 3 of this Fact Sheet. The cofferdam was inspected both above and below the waterline. No structural defects or breaches were identified in the resulting report, dated September 2016, submitted by FPL to the Department. The report did, however, include recommendations for maintaining and protecting the long-term integrity of the CCS. In early 2018, FPL completed a number of the recommendations, including: (1) repair of the tie rods, walers, steel corrosion, and crest road on the barge canal cofferdam; (2) backfill of the old C-107 canal (now S-20 Discharge Canal) cut on the CCS side of bank; (3) stabilization of slopes (both sides) for the Hotel 2 dam; and (4) removal of trees greater than 4 inches in diameter from perimeter berm slopes.

In addition, the report included recommendations to inspect: (1) the CCS once every five years for the entire perimeter; and (2) the four small dams annually. Section VIII of the draft permit requires inspection of the CCS periphery, including the three dams, above and below the surface waterline for the entire perimeter by an independent qualified, State-registered professional engineer on a five-year basis and annually by a qualified, State-registered professional engineer. The term qualified means having successfully completed the Mine Safety and Health Administration Qualification for Impoundment Inspection course in addition to the Annual Retraining for Impoundment Qualification, or equivalent qualifications.

Furthermore, the draft permit requires FPL to submit to the Department an annual report of all impoundment inspections and maintenance activities, including corrective actions made in response to inspections, summarizing findings of all monitoring activities including the annual thermal efficiency evaluation of the CCS, remediation measures pertaining to the structural integrity, design, construction, and operation and maintenance of the CCS, and all other activities undertaken to repair or maintain the CCS.

The Department's CO requires the CCS to achieve a minimum 70 percent thermal efficiency and to control temperature and salinity. FPL has submitted a thermal efficiency plan to address water stage management, vegetation control, dredging, chemical additives to the CCS for facility operation, and upset recovery. FPL is implementing the efficiency plan and has been able to achieve greater than 70 percent thermal efficiency, and following permit issuance is required, under Section VIII of this draft permit, to monitor the thermal efficiency of the CCS in the months of April and August of each year.

Based on monitoring results, ~~FPL~~ *locations were* identified in the Turtle Point Canal and Barge Basin ~~locations~~ where water originating from the CCS ~~may~~ *could have* reach*ed* tidal surface waters connected to Biscayne Bay. The CO requires FPL to conduct restoration projects in the above canal and basin area to prevent releases of groundwater from the CCS to surface waters connected to Biscayne Bay that result in exceedances of surface water quality standards in Biscayne Bay. ~~The restoration projects are on schedule to be completed in accordance with the schedule prescribed in the CO.~~ *The Turtle Point Canal restoration project is complete, and the Barge Basin restoration project is on schedule to be completed in accordance with the schedule prescribed in the CO.*

The CCS is unlined, and therefore, discharges to the Biscayne aquifer beneath the CCS. The Biscayne aquifer has an approximate depth of 100 feet below land surface on the westside of the CCS and an approximate depth of 130 feet on the east side out in the Bay. Groundwater beneath the CCS is Class G-III, non-potable water with a total dissolved solids (TDS) content of 10,000 milligrams per liter (mg/L) or greater.

Class G-III groundwater is also present west (inland) of the CCS, at depth within the Biscayne aquifer. Present above this inland Class G-III groundwater is Class G-II groundwater, potable water that has a TDS content of less than 10,000 mg/L. Class G-II groundwater lies to the west, northwest, north of the CCS. For purposes of this permit the contact or intersection of Class G-II and Class G-III groundwater is called a "saltwater interface".

Saline water from the CCS has moved, at depth, westward of the L-31E Canal in excess of those amounts that would have occurred without the existence of the CCS. Elevated salinity levels in the CCS cause, or at a minimum contribute to, the hypersaline discharges into the groundwater. The CO requires FPL to cease discharges from the CCS that impair the reasonable and beneficial use of the adjacent Class G-II groundwaters to the west of the CCS. FPL is currently conducting remedial activities to address hypersaline waters that have extended beyond the facility's western boundaries for which the compliance point is identified as the L-31E Canal per the CO.

3. RETIREMENT OF UNITS 1 AND 2

Former Units 1 and 2 began operation in 1967 and 1968, respectively. These units were converted from generation mode to synchronous condenser mode to provide voltage support to the transmission system in 2017 and 2011, respectively. The converted units do not generate wastewater. However, stormwater run-off from the units is covered under this permit.

Process wastewater and stormwater associated with Units 1 and 2 were released to the CCS through an internal outfall designated as outfall I-002. Outfall I-002 piping from the basins to the CCS *has been removed*. ~~is scheduled for removal by January 1, 2019. Piping to the basins has already been capped.~~ Therefore, internal outfall I-002 has been removed from the draft permit.

4. DESCRIPTION OF WASTEWATER

Stormwater and wastewater associated with power generation and ancillary activities are released to the CCS. Point source discharges, as defined in Rule 62-620.200(37), F.A.C., from the facility to surface waters of the State are not authorized under this draft permit.

Stormwater runoff associated with loading and unloading operations, outdoor storage, outdoor process activities, and ancillary maintenance activities is directed toward the CCS. The quantities of stormwater generated from these activities are dependent on many variables, including the length and intensity of the storm event. Stormwater may come into contact with petroleum, oil, and lubricants used in industrial equipment which may leak onto impervious areas and become entrained in stormwater runoff. Stormwater may also come into contact with petroleum products, heavy metals, salts, anti-freeze and other automotive fluids which may be present at the onsite closed-loop vehicle wash area and vehicle access areas. Maintenance that consists of earth disturbance activities may also be a significant source of sediment. This draft permit requires development and implementation of a Best Management Practices Plan (see Section II.2.c.).

Wastewater generated by Units 3 and 4 (see flow diagram in Figure 4) includes intermittent chemical volume control system including wet lay-up, feedwater condensate including wet lay-up, on-line chemical analyzer, steam generator blowdown, condensate polisher backwash, reverse osmosis reject, circulating water pumps seal water, alternate flow from the circulating water pump seal water tank, non-equipment area stormwater, maintenance/wash through equipment area/closed cooling water system maintenance, plant intake screen wash, and non-contact once-through cooling water (OTCW), which is denoted as condenser and intake cooling water (ICW) on the figure.

Wastewater generated by Unit 5 (see flow diagram Figure 5) includes cooling water, emergency generator backup cooling water, non-equipment area stormwater, equipment area stormwater and plant drains following oil/water separation, and wastewater sump discharge which includes heat recovery steam generator blowdown, wastewater treatment system blowdown, and cooling water treatment reject.

I. PURPOSE

This is a renewal of the existing individual industrial wastewater discharge permit No. FL0001562 for the Turkey Point Power Plant. *This permit has been renewed in various forms since the early 1970s when the CCS became operational.* The objective of this permit is to ensure the cooling canal system (CCS) water does not impair designated uses of adjacent surface waters and groundwater as defined in Chapters 62-302, and 62-520, F.A.C. Elements of the draft permit are as follows.

1. DISCHARGES AND MONITORING

a. Internal Outfall and CCS

Wastewater enters the CCS at Internal Outfall I-001 (see Figure 3), which is the only permitted outfall authorized by this permit. This permit retains previous monitoring requirements for Internal Outfall I-001. This permit also includes additional monitoring at Internal Outfall I-001 and locations within the CCS, as well as locations beyond the CCS, necessary to characterize wastewater for evaluation of CCS wastewater beyond the facility boundaries. The 1972 Environmental Impact Statement acknowledges that some seepage of water from the CCS may reach surface waters. To the extent that such seepage occurs, it shall not cause or contribute to a violation of the surface water quality standards in Chapter 62-302, F.A.C. (see Tables II.1 and II.2 and Figure 6, Turkey Point Power Plant Groundwater, Surface Water, and Porewater Monitoring Locations, Figure 7, Turkey Point Power Plant Surface Water Monitoring

Locations, Figure 8, Coastal Mangrove Porewater Monitoring Locations, and Figure 9, Turkey Point Power Plant Groundwater Monitoring Locations).

Table II.1 Monitoring Locations Within the Cooling Canal System

OUI - Sampling location for internal outfall designated as I-001.
TPSWCCS - Turkey Point Surface Water Cooling Canal System.

Sample Station ID	Location	Latitude			Longitude		
		o	'	"	o	'	"
OUI-1	Cooling water discharge prior to entering the feeder canal to the CCS	25	26	00.60	80	20	15.64
TPSWCCS-1	Northwest corner of the CCS	25	25	56.0	80	21	00.8
TPSWCCS-2	Central portion of the CCS	25	23	39.0	80	21	06.7
TPSWCCS-3	Southwestern portion of the CCS	25	21	52.4	80	22	02.4
TPSWCCS-4	Southern portion of the CCS near the Hotel 2 Dam	25	21	25.3	80	20	23.1
TPSWCCS-5	East-central portion of the CCS	25	23	18.4	80	19	54.4
TPSWCCS-6	Northeastern portion of the CCS	25	25	56.2	80	19	40.2
TPSWCCS-7	West-central portion of the CCS	25	24	07.6	80	21	39.4

Table II.2 Parameters monitored in the Cooling Canal System

Parameter	**Units**	**Rationale**
Temperature, Water	Deg F	62-4.070, and 62-620.320, F.A.C. (BPJ)
Solids, Total Suspended	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Biochemical Oxygen Demand (BOD)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Dissolved Oxygen (DO), % Saturation	percent	62-4.070, and 62-620.320, F.A.C. (BPJ)
Oxygen Reduction Potential	mv	62-4.070, and 62-620.320, F.A.C. (BPJ)
pH	s.u.	62-4.070, and 62-620.320, F.A.C. (BPJ)
Color	PCU	62-4.070, and 62-620.320, F.A.C. (BPJ)
Solids, Total Dissolved	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Salinity	PSU	62-4.070, and 62-620.320, F.A.C. (BPJ)
Specific Conductance	umhos/cm	62-4.070, and 62-620.320, F.A.C. (BPJ)
Turbidity	NTU	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrogen, Ammonia, Total (as N)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Ammonia, Total Unionized (as NH_3)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Ammonium ion (NH_4^+)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrite plus Nitrate, Total (as N)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrogen, Kjeldahl, Total (as N)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrogen, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Phosphate, Ortho (as PO_4)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Phosphorous, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Chlorophyll *a*	ug/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Copper, Total Recoverable	ug/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Iron, Total Recoverable	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Zinc, Total Recoverable	ug/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Boron, Total Recoverable	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Chlorides (as Cl)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Magnesium, Total Recoverable	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)

Parameter	Units	Rationale
Sodium, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Sulfate, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Sulfide, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Tritium	pCi/L	62-4.070, and 62-620.320, F.A.C. (BPJ)

b. Groundwater Monitoring (Groundwater Monitoring Group G-001)

Under this permit, CCS discharges to groundwater, both at and beyond the facility, will be monitored using a network of sixty-five monitoring wells (see Figure 9). The Biscayne aquifer will be monitored both laterally and vertically, with monitoring wells set in shallow, intermediate and deep zones. As shown in Figure 9, the network includes groundwater monitoring wells located in Biscayne Bay, the CCS, near the facility perimeter, and westward, or inland, of the facility.

During the period of operation authorized by this permit, FPL shall sample groundwater from the Biscayne aquifer from the following monitoring wells:

Table II.3 Groundwater Monitoring Well Locations

TPGW - Turkey Point Groundwater.
S - shallow, M - intermediate, and D - deep monitoring zones.
G-wells: Monitoring wells installed in 1972.
L-wells: Monitoring wells installed in 1974.

Monitoring Well ID	Description of Monitoring Location	Latitude			Longitude		
		o	'	"	o	'	"
TPGW-1S	West of Canal L-31E, west of northwest corner of the CCS (shallow)	25	26	4.7	80	21	15.8
TPGW-1M	West of Canal L-31E, west of northwest corner of the CCS (intermediate)	25	26	4.7	80	21	15.8
TPGW-1D	West of Canal L-31E, west of northwest corner of the CCS (deep)	25	26	4.7	80	21	15.8
TPGW-2S	West of the south-central portion of the CCS (shallow)	25	22	54.2	80	22	11.4
TPGW2M	West of the south-central portion of the CCS (intermediate)	25	22	54.2	80	22	11.4
TPGW-2D	West of the south-central portion of the CCS (deep)	25	22	54.2	80	22	11.4
TPGW-3S	South of the CCS (shallow)	25	20	42.1	80	20	51.9
TPGW-3M	South of the CCS (intermediate)	25	20	42.1	80	20	51.9
TPGW-3D	South of the CCS (deep)	25	20	42.1	80	20	51.9
TPGW-4S	Southwest Model Lands, at Tallahassee Road (shallow)	25	22	12.0	80	24	44.1
TPGW-4M	Southwest Model Lands, at Tallahassee Road (intermediate)	25	22	12.0	80	24	44.1
TPGW-4D	Southwest Model Lands, at Tallahassee Road (deep)	25	22	12.0	80	24	44.1
TPGW-5S	Northwest Model Lands – east of Tallahassee Road (shallow)	25	25	23.9	80	24	13.3
TPGW-5M	Northwest Model Lands – east of Tallahassee Road (intermediate)	25	25	23.9	80	24	13.3
TPGW-5D	Northwest Model Lands – east of Tallahassee Road (deep)	25	25	23.9	80	24	13.3
TPGW-6S	Northwest of the CCS, east of Homestead – Miami Speedway (shallow)	25	27	20.3	80	23	13.0
TPGW-6M	Northwest of the CCS, east of Homestead – Miami Speedway (intermediate)	25	27	20.3	80	23	13.0
TPGW-6D	Northwest of the CCS, east of Homestead – Miami Speedway (deep)	25	27	20.3	80	23	13.0
TPGW-7S	Northwest Model Lands (shallow)	25	26	02.5	80	25	40.7
TPGW-7M	Northwest Model Lands (intermediate)	25	26	02.5	80	25	40.7
TPGW-7D	Northwest Model Lands (deep)	25	26	02.5	80	25	40.7
TPGW-8S	West central Model Lands (shallow)	25	24	36.4	80	27	08.7
TPGW-8M	West central Model Lands (intermediate)	25	24	36.4	80	27	08.7
TPGW-8D	West central Model Lands (deep)	25	24	36.4	80	27	08.7

Monitoring Well ID	Description of Monitoring Location	Latitude			Longitude		
		º	'	"	º	'	"
TPGW-9S	West of Card Sound Canal Road, southwest of CCS (shallow)	25	22	28.6	80	28	41.9
TPGW-9M	West of Card Sound Canal Road, southwest of CCS (intermediate)	25	22	28.6	80	28	41.9
TPGW-9D	West of Card Sound Canal Road, southwest of CCS (deep)	25	22	28.6	80	28	41.9
TPGW-10S	Biscayne Bay, channel entrance to Barge Basin (shallow)	25	26	27.4	80	19	29.0
TPGW-10M	Biscayne Bay, channel entrance to Barge Basin (intermediate)	25	26	27.4	80	19	29.0
TPGW-10D	Biscayne Bay, channel entrance to Barge Basin (deep)	25	26	27.4	80	19	29.0
TPGW-11S	Biscayne Bay, east of the CCS (shallow)	25	23	49.4	80	18	15.0
TPGW-11M	Biscayne Bay, east of the CCS (intermediate)	25	23	49.4	80	18	15.0
TPGW-11D	Biscayne Bay, east of the CCS (deep)	25	23	49.4	80	18	15.0
TPGW-12S	North of the CCS (shallow)	25	26	55.4	80	20	22.9
TPGW-12M	North of the CCS (intermediate)	25	26	55.4	80	20	22.9
TPGW-12D	North of the CCS (deep)	25	26	55.4	80	20	22.9
TPGW-13S	In the central portion of the CCS (shallow)	25	23	39.0	80	21	07.1
TPGW-13M	In the central portion of the CCS (intermediate)	25	23	39.0	80	21	07.1
TPGW-13D	In the central portion of the CCS (deep)	25	23	39.0	80	21	07.1
TPGW-14S	Biscayne Bay, southeast of the CCS (shallow)	25	21	15.5	80	19	34.5
TPGW-14M	Biscayne Bay, southeast of the CCS (intermediate)	25	21	15.5	80	19	34.5
TPGW-14D	Biscayne Bay, southeast of the CCS (deep)	25	21	15.5	80	19	34.5
TPGW-15S	Northwest corner of CCS (shallow)	25	25	56.9	80	21	2.5
TPGW-15M	Northwest corner of CCS (intermediate)	25	25	56.9	80	21	2.5
TPGW-15D	Northwest corner of CCS (deep)	25	25	56.9	80	21	2.5
TPGW-16S	East of the south-central portion of the CCS (shallow)	25	22	37.7	80	19	53.8
TPGW-16M	East of the south-central portion of the CCS (intermediate)	25	22	37.7	80	19	53.8
TPGW-16D	East of the south-central portion of the CCS (deep)	25	22	37.7	80	19	53.8
TPGW-17S	East of the L-31E canal, adjacent to S-20 structure (shallow)	25	22	71.4	80	22	53.2
TPGW-17M	East of the L-31E canal, adjacent to S-20 structure (intermediate)	25	22	1.4	80	22	32.2
TPGW-17D	East of the L-31E canal, adjacent to S-20 structure (deep)	25	22	1.4	80	22	32.2
TPGW-18S	Model Lands, west of L-3 (shallow)	25	25	12.5	80	22	17.8
TPGW-18M	Model Lands, west of L-3 (intermediate)	25	25	12.5	80	22	17.8
TPGW-18D	Model Lands, west of L-3 (deep)	25	25	12.5	80	22	17.8
TPGW-19S	Model Lands, north of Florida City Canal (shallow)	25	26	54.2	80	21	31.3
TPGW-19M	Model Lands, north of Florida City Canal (intermediate)	25	26	54.2	80	21	31.3
TPGW-19D	Model Lands, north of Florida City Canal (deep)	25	26	54.2	80	21	31.3
TPGW-20D	Adjacent to City of Homestead baseball complex	25	27	19.9	80	26	10.5
TPGW-21S	Converted USGS well G-3164 (shallow)	25	25	20.2	80	26	10
TPGW-21M	Converted USGS well G-3164 (intermediate)	25	25	20.2	80	26	10
TPGW-21D	Converted USGS well G-3164 (deep)	25	25	20.2	80	19	10
L-3	East of the L-31E canal, north-central portion of the CCS (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	25	09.7	80	21	28.7
L-5	East of the L-31E canal, south-central portion of the CCS (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	23	20.9	80	22	7.3
G-28	Tallahassee Rd, south of Model Lands basin (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	23	25.5	80	24	43.6
G-21	Tallahassee Rd, north of Model Lands basin (Not Automated). This well is an open-hole well, monitored at approximately 18 feet and 58 feet below land surface.	25	25	34.8	80	24	42.9

Under the FPL Turkey Point Power Plant Groundwater, Surface Water, and Ecological Monitoring Plan, which began in 2009, FPL conducted an assessment regarding the identification of potential tracer monitoring parameters for use in determining the occurrence of CCS waters in the region. FPL documented their findings in the August 2011

annual monitoring report submitted to SFWMD and the Department. Based on these findings, the Department identified tritium in conjunction with major seawater ions and other constituents to be monitored as a means of fingerprinting to be used by FPL in identifying CCS waters in the region. The wells in Table II.3 above shall be monitored for the following parameters.

Table II.4 Parameters monitored in Groundwater

Parameter	Units	Rationale
Temperature	Deg F	62-520, F.A.C.
Water Level Relative to NAVD	ft	62-520, F.A.C.
Specific Conductance	umhos/cm	62-520, F.A.C.
Salinity	PSU	62-520, F.A.C.
Fluid Density	g/cm^3	62-520, F.A.C.
pH	s.u.	62-520, F.A.C.
Solids, Total Dissolved (TDS)	mg/L	62-520, F.A.C.
Chloride (as Cl)	mg/L	62-520, F.A.C.
Sodium, Total	mg/L	62-520, F.A.C.
Calcium, Total	mg/L	62-520, F.A.C.
Potassium, Total	mg/L	62-520, F.A.C.
Iron, Total Recoverable	mg/L	62-520, F.A.C.
Tritium	pCi/L	Tracer (BPJ)
Nitrogen, Ammonia, Total (as N)	mg/L	62-520, F.A.C.
Ammonium ion (NH_4^+)	mg/L	62-520, F.A.C.
Ammonia, Total Unionized (as NH_3)	mg/L	62-520, F.A.C.
Nitrite plus Nitrate, Total (as N)	mg/L	62-520, F.A.C.
Nitrogen, Kjeldahl, Total (as N)	mg/L	62-520, F.A.C.
Nitrogen, Total	mg/L	62-520, F.A.C.
Phosphorus, Total (as P)	mg/L	62-520, F.A.C.
Phosphate, Ortho (as PO_4)	mg/L	62-520, F.A.C.
Boron, Total Recoverable	mg/L	62-520, F.A.C.
Magnesium, Total Recoverable	mg/L	62-520, F.A.C.
Sulfate, Total	mg/L	62-520, F.A.C.

The above listed parameters are report only except for Nitrite plus Nitrate, Total (as N), which has a limit of 10 mg/L in samples collected from monitoring wells TPGW-1, and TPGW-18.

Tritium will be collected quarterly and is being monitored as a tracer for identifying contributions of CCS water to the Biscayne aquifer.

In addition, permit condition II.D.8 prohibits the discharge of nuisance, acutely toxic, carcinogenic, mutagenic, teratogenic, and dangerous components in accordance with Rules 62-520.400, and 62-520.430, F.A.C.

c. Surface Water Monitoring (Biscayne Bay, L-31E Canal, S-20 Discharge Canal, Card Sound *Discharge* Canal) (Surface Water Monitoring Group D-01A)

Surface water monitoring as shown in Table II.5 is required in this permit to confirm that discharge from the CCS to groundwater does not impair the designated use of contiguous surface waters pursuant to Rule 62-520.310(2), F.A.C. Therefore, the same parameters are monitored in the CCS and surface waters of the State as discussed below.

Biscayne Bay is subject to the estuary-specific numeric nutrient criteria in Paragraph 62-302.532(1)(h), F.A.C. The Department updated the 303d lists of impaired waters in June 2017, identifying the majority of Biscayne Bay, including the South Central Biscayne Bay segments east of the facility as impaired for nutrients based on chlorophyll *a* levels. Section 403.067, F.S., implements section 303(d) of the Clean Water Act, and requires the Department to develop lists of impaired waters, and to develop Total Maximum Daily Loads (TMDL) for those waters. The Card

Sound segment of Biscayne Bay to the south of the facility is not identified as impaired for nutrients. ~~Biscayne Bay is not identified as impaired for any other parameters and has not been previously identified as impaired for nutrients.~~ Figure 10 provides a map of Biscayne Bay showing South Central and Card Sound bay segments.

In accordance with Paragraphs 62-302.700(9)(h)5, F.A.C., (Biscayne Bay, Cape Florida) and 62-302.700(9)(h)6, F.A.C., (Biscayne Bay, Card Sound) Biscayne Bay is an Outstanding Florida Water (OFW), and parts of the South Central and Card Sound bay segments are within the Biscayne Bay Aquatic Preserve. "Outstanding Florida Waters" means waters designated by the Environmental Regulation Commission as worthy of special protection because of their natural attributes as defined by Rule 62-302.200(26), F.A.C. Additionally, in accordance with Paragraph 62-302.700(9)(a)1, F.A.C., Biscayne National Park is an OFW and encompasses much of the Biscayne Bay estuary. Biscayne National Park is also an Outstanding National Resource Water in accordance with Paragraph 62-302.700(10)(a)1, F.A.C. "Outstanding National Resources Waters" means waters designated by the Environmental Regulation Commission that are of such exceptional recreational or ecological significance that water quality should be maintained and protected as defined by Rule 62-302.200(27), F.A.C.

The L-31E canal is approximately parallel to the western boundary of the CCS, and the S-20 Discharge Canal is parallel to the southwest and south sides of the CCS. These canals are controlled by the SFWMD. Salinity in the canals fluctuates seasonally.

The L-31E canal was primarily constructed as a barrier to prevent salinity intrusion to locations west of the canal. The L-31E canal collects water from other drainage canals in the area. The L-31E canal discharges into Biscayne Bay through the S-20 Discharge Canal.

Table II.5 Surface Water Monitoring Locations

TPBBSW - Turkey Point Biscayne Bay Surface Water.
TPSWC - Adjacent Surface Water Canals.
T - Top samples, B - Bottom samples.

Sample Station ID	Location	Latitude			Longitude		
		o	'	"	o	'	"
TPBBSW-3	Biscayne Bay	25	23	49.38	80	18	14.82
TPBBSW-4	Biscayne Bay	25	20	40.34	80	19	43.90
TPBBSW-5	Biscayne Bay	25	19	13.69	80	22	1.70
TPBBSW-7T	Biscayne Bay near Turtle Point Canal Dam	25	25	9.99	80	19	42.15
~~TPBBSW-8~~	~~Terminus of Barge Canal~~	~~25~~	~~25~~	~~12.61~~	~~80~~	~~19~~	~~29.89~~
TPBBSW-10	Biscayne Bay	25	26	27.83	80	19	22.92
TPBBSW-14	Biscayne Bay	25	25	15.50	80	19	34.50
TPSWC-1B TPSWC-1T	L-31E Canal	25	25	58.44	80	21	11.87
TPSWC-2B TPSWC-2T	L-31E Canal	25	24	21.20	80	21	46.30
TPSWC-3B TPSWC-3T	L-31E Canal	25	22	10.47	80	22	33.00
TPSWC-4B TPSWC-4T	S-20 Canal	25	21	24.10	80	22	3.00
TPSWC-5B TPSWC-5T	Card Sound *Discharge* Canal at Hotel 2 Dam	25	21	24.62	80	20	18.70

Table II.6 Parameters monitored in Surface Waters

Parameter	Units	Rationale
Temperature, Water	Deg F	62-4.070, and 62-620.320, F.A.C. (BPJ)
pH	s.u.	62-4.070, and 62-620.320, F.A.C. (BPJ)
Solids, Total Dissolved (TDS)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Salinity	PSU	62-4.070, and 62-620.320, F.A.C. (BPJ)
Specific Conductance	umhos/ cm	62-4.070, and 62-620.320, F.A.C. (BPJ)
Turbidity	NTU	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrogen, Ammonia, Total (as N)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Ammonia, Total Unionized (as NH_3)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Ammonium ion (NH_4^+)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrite plus Nitrate, Total (as N)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrogen, Kjeldahl, Total (as N)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Nitrogen, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Phosphate, Ortho (as PO_4)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Phosphorous, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Chlorophyll *a*	ug/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Copper, Total Recoverable	ug/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Iron, Total Recoverable	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Zinc, Total Recoverable	ug/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Boron, Total Recoverable	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Chlorides (as Cl)	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Magnesium, Total Recoverable	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Sodium, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Sulfate, Total	mg/L	62-4.070, and 62-620.320, F.A.C. (BPJ)
Tritium	pCi/L	62-4.070, and 62-620.320, F.A.C. (BPJ)

d. Porewater Monitoring

Table II.7 Porewater Monitoring Locations (Surface Water Monitoring Group D-02A)

During the period of operation authorized by this permit, the permittee shall sample porewater (free water present in sediments) from coastal marine wetlands north, east, and south of the CCS from locations described below in accordance with the protocols set forth in FPL's Quality Assurance Project Plan dated 2013:

Porewater Monitoring ID	Description of Monitoring Location	Latitude			Longitude		
PW M1-2	Coastal marine wetlands; ½ mile north of power block	25	26	49.8	80	19	57.7
PW M2-2	Coastal marine wetlands; east of CCS, 2 miles south of power block	25	24	18.8	80	19	47.6
PW M3-2	Coastal marine wetlands; east of CCS, 3.4 miles south of power block	25	23	4.2	80	19	40.6

PW M4-2	Coastal marine wetlands; southeast corner of CCS	25	21	16.8	80	19	44.9
PW M5-2	Coastal marine wetlands; south of CCS	25	20	56	80	20	33
PW M6-1	Coastal marine wetlands; west of Card Sound Road (background location)	25	17	40.1	80	23	46.8

Table II.8 Parameters monitored in Porewater

Parameter	Units	Sample Type	Monitoring Frequency
Temperature	Deg F	Grab	Semi-Annually
pH	s.u.	Grab	Semi-Annually
Specific Conductance	µmhos/cm	Grab	Semi-Annually
Salinity	PSU	Grab	Semi-Annually
Fluid Density	g/cm^3	Grab	Semi-Annually
Solids, Total Dissolved (TDS)	mg/L	Grab	Semi-Annually
Chloride (as Cl)	mg/L	Grab	Semi-Annually
Sodium, Total	mg/L	Grab	Semi-Annually
Calcium, Total	mg/L	Grab	Semi-Annually
Potassium, Total	mg/L	Grab	Semi-Annually
Boron, Total Recoverable	mg/L	Grab	Semi-Annually
Copper, Total Recoverable	ug/L	Grab	Semi-Annually

Iron, Total Recoverable	mg/L	Grab	Semi-Annually
Zinc, Total Recoverable	ug/L	Grab	Semi-Annually
Magnesium, Total Recoverable	mg/L	Grab	Semi-Annually
Sulfate, Total	mg/L	Grab	Semi-Annually
Tritium	pCi/L	Grab	Semi-Annually
Nitrogen, Ammonia, Total (as N)	mg/L	Grab	Semi-Annually
Ammonium ion (as NH_4)	mg/L	Grab	Semi-Annually
Ammonia, Total Unionized (as NH_3)	mg/L	Grab	Semi-Annually
Nitrite plus Nitrate, Total (as N)	mg/L	Grab	Semi-Annually
Nitrogen, Kjeldahl, Total (as N)	mg/L	Grab	Semi-Annually
Nitrogen, Total (as N)	mg/L	Grab	Semi-Annually
Phosphorus, Total (as P)	mg/L	Grab	Semi-Annually
Phosphate, Ortho (as PO_4)	mg/L	Grab	Semi-Annually

2. NEW PERMIT CONDITIONS

a. Nutrient Monitoring and Annual Reporting

The draft permit requires FPL to submit an annual nutrient monitoring summary report based on at least 24 months of groundwater, surface water, and CCS monitoring data to the Department. The report is to be submitted by ~~November~~ *August 31st* of each year, commencing in the third year following permit issuance. Where required by Chapter 471 (P.E.) or Chapter 492 (P.G.), Florida Statute, applicable portions of the report must be signed and sealed by the professional(s) who prepared them. The report is required to include by station and depth where specified:

a. Annual geometric mean (AGM) concentrations by nutrient parameter;
b. Arithmetic mean;
c. Percentiles including 25th, 75th, and 90th, number of samples collected by parameter; and

d. Evaluation of trends over the period of record by parameter.

b. Impoundment Conditions

FPL is required to properly operate and maintain all treatment and control facilities used to achieve compliance with this permit. Impoundments, including the CCS, used to treat or store wastewater are considered to be treatment and control facilities and are subject to the operation and maintenance requirements in this permit.

The permit includes new requirements to address impoundment construction, operation, and maintenance, including periodic inspections by trained personnel who are knowledgeable in impoundment design and safety. In addition, annual inspections by qualified responsible officials are required. Increased monitoring is required after large precipitation events, when there is an increased stress to impoundments and a greater potential for impacts on integrity. In response to any changes, such as cracks, erosion, bulges, and changes in seepage that may compromise their integrity, FPL is also required to respond in a timely manner. The permit requires documenting the results of the annual inspections and reporting the remedial activities taken, as well as timely reporting of changes to integrity and associated corrective actions.

The permittee shall take actions that will allow the thermal efficiency of the CCS to achieve a minimum annual average of 70 percent. The CCS shall be monitored at an annual average of its thermal efficiency determined, as is prescribed in the Turkey Point Thermal Efficiency Plan. The findings of each inspection including thermal efficiency shall be documented in a written annual inspection report as described in permit condition VIII.G.1.

c. Best Management Practices Plan

FPL is required to develop and implement a Best Management Practices Plan (Plan) to prevent or minimize the generation and the potential for the release of pollutants (including mercury per Rule 62-304.900, F.A.C., copper, iron, zinc, and nutrients) from facility operations (including spillage, leaks, and material and waste handling and storage activities) to industrial wastewater and stormwater in the CCS. FPL must develop and implement provisions of the Plan in accordance with Section VII of the permit.

e. Monitoring

The draft permit requires FPL to monitor groundwater, surface water, and porewater (see Figure 6). Groundwater monitoring consists of an existing network of sixty-five monitoring wells (see Figure 9). The Biscayne aquifer will be monitored both laterally and vertically, with monitoring wells set in shallow, intermediate and deep zones. As shown in Figure 9, the network includes groundwater monitoring wells located in Biscayne Bay, the CCS, near the facility perimeter, and westward, or inland, of the facility.

The surface watering monitoring consists of 20 monitoring sites – six in canals adjacent to the CCS, seven within the CCS, and seven in Biscayne Bay (see Figure 7). The previous permit included one of the monitoring sites in the CCS. The other nineteen monitoring sites are existing from other monitoring programs, and were selected to be included in this draft permit. Parameters include temperature, total suspended solids, pH, salinity, specific conductance, copper, iron and zinc.

Porewater monitoring consists of six sites located in coastal mangroves (see Figure 8). One site is located to establish background conditions. The other five are located to establish water quality conditions north, east and south of the CCS. The six porewater sites are existing from other monitoring programs, and were selected to be included in this draft permit. Parameters monitored at the porewater and surface water sites are the same. The draft permit requires FPL to take action to lower copper, iron, zinc and nitrate and nitrite in the CCS water if the levels reach certain thresholds.

3. CONSENT ORDER (OGC File No. 16-0241)

On June 20, 2016, FPL entered into a Consent Order (CO) with the Department to resolve a Notice of Violation (NOV) dated April 25, 2016. The CO ~~finds~~ *found* that elevated salinity levels in the CCS cause, or at a minimum contribute to, hypersaline discharges into the groundwater. *The CO also found that* ~~T~~*t*he CCS ~~is~~ *was* the major continuing cause of the westward movement of the saltwater interface (the intersection of Class G-II and G-III groundwaters), and that the discharge of hypersaline water contributes to saltwater intrusion. (The phrase "hypersaline" as used in the CO means water that exceeds 19,000 mg/L of chlorides). *The CO found that* ~~S~~*s*altwater intrusion into the area west of the CCS ~~is~~ *was* impairing the reasonable and beneficial use of adjacent G-II groundwater in that area. The CO stipulates remedial actions and timelines for achieving compliance with the following objectives:

a. cease discharges from the CCS that impair the reasonable and beneficial use of the adjacent Class G-II ground waters to the west of the CCS in violation of Condition I.1 (formerly Condition IV.1) of the Permit and Rule 62-520.400, F.A.C.;

b. prevent releases of groundwater from the CCS to surface waters connected to Biscayne Bay that result in exceedances of surface water quality standards; and

c. provide mitigation for impacts related to the historic operation of the CCS, including but not limited to the hypersaline plume and its influence on the saltwater interface.

After FPL has demonstrated to the Department that it has fulfilled the requirements of the CO, all requirements of the CO will be terminated except for the requirement to maintain the average annual salinity of the CCS at or below 34 practical salinity until an average annual salinity of the CCS is designated in a Department permit.

4. THE ADMINISTRATIVE RECORD

The administrative record including application, draft permit, fact sheet, public notice (after release), comments received and additional information is available for public inspection during normal business hours at the location specified in Section 8. Copies will be provided at a minimal charge per page.

5. PROPOSED SCHEDULE FOR PERMIT ISSUANCE

Draft Permit and Public Notice to Applicant and U.S. Environmental Protection Agency (EPA)	January 2, 2019
Public Comment Period	Beginning: February 1, 2019 Ending: March 3, 2019
Notice of Intent to Issue	April 2, 2019
Notice of Permit Issuance	April 23, 2019

6. DEPARTMENTOF ENVIRONMENTAL PROTECTION CONTACT

Additional information concerning the permit and proposed schedule for permit issuance may be obtained during normal business hours from:

Marc Harris, P.E.
Department of Environmental Protection
Bob Martinez Center
2600 Blair Stone Road, Mail Station 3545
Tallahassee, Florida 32399-2400
Telephone Number: (850) 245-8589

Fax Number: (850) 245-8669

7. PROCEDURES FOR THE FORMULATION OF FINAL DETERMINATIONS

a. Public Comment Period

The Department of Environmental Protection proposes to issue a wastewater facility permit to this applicant subject to the aforementioned effluent limitations and conditions. This decision is tentative and open to comment from the public.

Interested persons are invited to submit written comments regarding permit issuance on the draft permit limitations and conditions to the following address:

Department of Environmental Protection
2600 Blair Stone Road
Mail Station 3545
Tallahassee, Florida 32399-2400
Attn.: Marc Harris, P.E.

All comments received within 30 days following the date of public notice, pursuant to Rule 62-620.550, F.A.C., will be considered in the formulation of the final decision with regard to permit issuance.

Any interested person may submit written comments on the Department's proposed permitting decision or may submit a written request for a public meeting to the address specified above, in accordance with Rule 62-620.555, F.A.C. The comments or request for a public meeting must contain the information set forth below and must be received in the above address of the Department within 30 days of receipt or publication of the public notice. Failure to submit comments or request a public meeting within this time period will constitute a waiver of any right such person may have to submit comments or request a public meeting under Rule 62-620.555, F.A.C.

The comments or request for a public meeting shall contain the following information:
(1) The commenter's name, address and telephone number, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
(2) A statement of how and when notice of the draft permit was received;
(3) A description of any changes the commenter proposes for the draft permit;
(4) A full explanation of the factual and legal reasons for each proposed change to the draft permit; and
(5) A request that a public meeting be scheduled (if applicable) including a statement of the nature of the issues proposed to be raised at the meeting.

b. Public Meeting

The Department will hold a public meeting if there is a significant degree of public interest in the draft permit or if it determines that useful information and data may be obtained thereby. Public notice of such a meeting shall be published by the applicant at least 30 days prior to the meeting.

If a public meeting is scheduled the public comment period is extended until the close of the public meeting. If a public meeting is held any person may submit oral or written statements and data at the meeting on the Department's proposed action.

c. Issuance of the Permit

The Department will make its decision regarding permit issuance after consideration of all written comments, including comments from the EPA on surface water discharge (NPDES) aspects of the draft or proposed permit; the requirements of Chapter 403, F.S., and appropriate rules; and, if a public meeting is held, after consideration of all comments, statements and data presented at the public meeting. The Department will respond to all significant comments in writing. The Department's response to significant comments will be included in the administrative record of the permit and will be available for public inspection at the above address of the Department.

Unless a request for an administrative hearing, or an extension of time to file a petition for an administrative hearing, pursuant to Chapter 120, F.S., as indicated in d. below, is granted, the Department will take final agency action by issuing the permit or denying the permit application. If an administrative hearing is convened, final agency action will be based on the outcome of the hearing.

d. Administrative Hearing

A person whose substantial interests are affected by the Department's proposed permitting decision has the opportunity to petition for an administrative proceeding (hearing) to challenge the Department's decision in accordance with Section 120.57, F.S.

An administrative hearing is an evidentiary proceeding in which evidence is presented by testimony and exhibits before an independent hearing officer. The result of an administrative hearing is the issuance of the hearing officer's recommended order to the Department, including the hearing officer's findings of fact, based on the evidence presented at the hearing. The Department will issue a final order, granting or denying the permit, based on the hearing officer's recommended order.

The petition for an administrative hearing must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Tallahassee, Florida 32399-3000, within 14 days of publication of notice of agency action or within 14 days of personal receipt of notice of agency action, whichever occurs first. The petitioner is to mail a copy of the petition to the applicant at the time of filing. Failure to file a petition within this time period will constitute a waiver of any right such person may have to request an administrative determination (hearing) under section 120.57, F.S. The petition is to contain the following information:

(1) The name, address and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed;
(2) A statement of how and when each petitioner received notice of the Department's action or proposed action;
(3) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action;
(4) A statement of the material facts which the petitioner contends warrant reversal or modification of the Department's action or proposed action;
(5) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and
(6) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, the Department's final action may be different from the position taken by it in the notice of agency action. Persons whose substantial interests will be affected by any decision of the Department on the application have the right to petition to become a party to the proceeding, regardless of their agreement or disagreement with the Department's proposed action indicated in the notice of agency action.

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/

PERMITTEE NAME: FPL
MAILING ADDRESS: 700 Universe Blvd
Juno Beach, Florida 33408-

FACILITY: FPL Turkey Point Plant
LOCATION: 9700 SW 344th St

Homestead, FL 33035-1800

COUNTY: Miami-Dade
OFFICE: Tallahassee

PERMIT NUMBER: FL0001562-012-IW1N

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-01A
MONITORING GROUP DESCRIPTION: A new permitted series of surface water monitoring sites in Biscayne Bay, L-31E canal, S-20 canal and Card Sound canal that monitors surface waters.

REPORT FREQUENCY: Monthly
PROGRAM: Industrial

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 6 Mon. Site No. SWD-2	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 P Mon. Site No. SWD-2	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 Q Mon. Site No. SWD-3	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 R Mon. Site No. SWD-3	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 S Mon. Site No. SWD-4	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 T Mon. Site No. SWD-4	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 U Mon. Site No. SWD-5	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 V Mon. Site No. SWD-5	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 W Mon. Site No. SWD-6	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 1 Mon. Site No. SWD-6	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 5 Mon. Site No. SWD-7	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 A Mon. Site No. SWD-7	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 B Mon. Site No. SWD-8	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 G Mon. Site No. SWD-8	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 7 Mon. Site No. SWD-9	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 I Mon. Site No. SWD-9	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 J Mon. Site No. SWD-10	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 K Mon. Site No. SWD-10	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 Y Mon. Site No. SWD-11	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 0 Mon. Site No. SWD-11	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Top)	Sample Measurement										
PARM Code 00011 2 Mon. Site No. SWD-12	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Temperature (F), Water (Bottom)	Sample Measurement										
PARM Code 00011 3 Mon. Site No. SWD-12	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Salinity (Top)	Sample Measurement										
PARM Code 00480 6 Mon. Site No. SWD-8	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Bottom)	Sample Measurement										
PARM Code 00480 P Mon. Site No. SWD-8	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Top)	Sample Measurement										
PARM Code 00480 Q Mon. Site No. SWD-9	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Bottom)	Sample Measurement										
PARM Code 00480 R Mon. Site No. SWD-9	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Salinity (Top)	Sample Measurement										
PARM Code 00480 S Mon. Site No. SWD-10	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Bottom)	Sample Measurement										
PARM Code 00480 T Mon. Site No. SWD-10	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Top)	Sample Measurement										
PARM Code 00480 U Mon. Site No. SWD-11	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Bottom)	Sample Measurement										
PARM Code 00480 V Mon. Site No. SWD-11	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Top)	Sample Measurement										
PARM Code 00480 W Mon. Site No. SWD-12	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity (Bottom)	Sample Measurement										
PARM Code 00480 1 Mon. Site No. SWD-12	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	ppt		Monthly	In Situ
Salinity	Sample Measurement										
PARM Code 00480 5 Mon. Site No. SWD-1	Permit Requirement						Report (Mo.Avg.)	ppt		Monthly	Calculated
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 6 Mon. Site No. SWD-1	Permit Requirement						Report (Mo.Avg.)	mg/L		Monthly	Calculated

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/

PERMITTEE NAME: FPL
MAILING ADDRESS: 700 Universe Blvd
Juno Beach, Florida 33408-

FACILITY: FPL Turkey Point Plant
LOCATION: 9700 SW 344th St

Homestead, FL 33035-1800

COUNTY: Miami-Dade
OFFICE: Tallahassee

PERMIT NUMBER: FL0001562-012-IW1N

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-01A
MONITORING GROUP DESCRIPTION: A new permitted series of surface water monitoring sites in Biscayne Bay, L-31E canal, S-20 canal and Card Sound canal that monitors surface waters.

REPORT FREQUENCY: Quarterly
PROGRAM: Industrial

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH (Top)	Sample Measurement										
PARM Code 00400 6 Mon. Site No. SWD-2	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 P Mon. Site No. SWD-2	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 Q Mon. Site No. SWD-3	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 R Mon. Site No. SWD-3	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 S Mon. Site No. SWD-4	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 T Mon. Site No. SWD-4	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH (Top)	Sample Measurement										
PARM Code 00400 U Mon. Site No. SWD-5	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 V Mon. Site No. SWD-5	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 W Mon. Site No. SWD-6	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 1 Mon. Site No. SWD-6	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 5 Mon. Site No. SWD-7	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 A Mon. Site No. SWD-7	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 B Mon. Site No. SWD-8	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 G Mon. Site No. SWD-8	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 7 Mon. Site No. SWD-9	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 I Mon. Site No. SWD-9	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH (Top)	Sample Measurement										
PARM Code 00400 J Mon. Site No. SWD-10	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 K Mon. Site No. SWD-10	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 Y Mon. Site No. SWD-11	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 0 Mon. Site No. SWD-11	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Top)	Sample Measurement										
PARM Code 00400 2 Mon. Site No. SWD-12	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
pH (Bottom)	Sample Measurement										
PARM Code 00400 3 Mon. Site No. SWD-12	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	In Situ
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Top)	Sample Measurement										
PARM Code 70295 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Solids, Total Dissolved (TDS) (Bottom)	Sample Measurement										
PARM Code 70295 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Top)	Sample Measurement										
PARM Code 00095 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ
Specific Conductance (Bottom)	Sample Measurement										
PARM Code 00095 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	In Situ

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Turbidity (Top)	Sample Measurement										
PARM Code 00070 6 Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Bottom)	Sample Measurement										
PARM Code 00070 P Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Top)	Sample Measurement										
PARM Code 00070 Q Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Bottom)	Sample Measurement										
PARM Code 00070 R Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Top)	Sample Measurement										
PARM Code 00070 S Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Bottom)	Sample Measurement										
PARM Code 00070 T Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Top)	Sample Measurement										
PARM Code 00070 U Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Bottom)	Sample Measurement										
PARM Code 00070 V Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Top)	Sample Measurement										
PARM Code 00070 W Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Turbidity (Bottom)	Sample Measurement										
PARM Code 00070 1 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as N) (Top)	Sample Measurement										
PARM Code 00610 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00610 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Top)	Sample Measurement										
PARM Code 00619 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Ammonia, Unionized (as NH3) (Bottom)	Sample Measurement										
PARM Code 00619 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Top)	Sample Measurement										
PARM Code 71845 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrogen, Ammonia, Total (as NH4) (Bottom)	Sample Measurement										
PARM Code 71845 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Calculated
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Top)	Sample Measurement										
PARM Code 00630 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N) (Bottom)	Sample Measurement										
PARM Code 00630 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Top)	Sample Measurement										
PARM Code 00625 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N) (Bottom)	Sample Measurement										
PARM Code 00625 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 6 Mon. Site No. SWD-2	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 P Mon. Site No. SWD-2	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 Q Mon. Site No. SWD-3	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 R Mon. Site No. SWD-3	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 S Mon. Site No. SWD-4	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 T Mon. Site No. SWD-4	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 U Mon. Site No. SWD-5	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 V Mon. Site No. SWD-5	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 W Mon. Site No. SWD-6	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 1 Mon. Site No. SWD-6	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 5 Mon. Site No. SWD-7	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 A Mon. Site No. SWD-7	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 B Mon. Site No. SWD-8	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 G Mon. Site No. SWD-8	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 7 Mon. Site No. SWD-9	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 I Mon. Site No. SWD-9	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 J Mon. Site No. SWD-10	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 K Mon. Site No. SWD-10	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 Y Mon. Site No. SWD-11	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 0 Mon. Site No. SWD-11	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total (Top)	Sample Measurement										
PARM Code 00600 2 Mon. Site No. SWD-12	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Nitrogen, Total (Bottom)	Sample Measurement										
PARM Code 00600 3 Mon. Site No. SWD-12	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Top)	Sample Measurement										
PARM Code 00660 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4) (Bottom)	Sample Measurement										
PARM Code 00660 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 6 Mon. Site No. SWD-2	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 P Mon. Site No. SWD-2	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 Q Mon. Site No. SWD-3	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 R Mon. Site No. SWD-3	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 S Mon. Site No. SWD-4	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 T Mon. Site No. SWD-4	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 U Mon. Site No. SWD-5	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 V Mon. Site No. SWD-5	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 W Mon. Site No. SWD-6	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 1 Mon. Site No. SWD-6	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 5 Mon. Site No. SWD-7	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 A Mon. Site No. SWD-7	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 B Mon. Site No. SWD-8	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 G Mon. Site No. SWD-8	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 7 Mon. Site No. SWD-9	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 I Mon. Site No. SWD-9	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 J Mon. Site No. SWD-10	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 K Mon. Site No. SWD-10	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 Y Mon. Site No. SWD-11	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 0 Mon. Site No. SWD-11	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Top)	Sample Measurement										
PARM Code 00665 2 Mon. Site No. SWD-12	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P) (Bottom)	Sample Measurement										
PARM Code 00665 3 Mon. Site No. SWD-12	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Top)	Sample Measurement										
PARM Code 32230 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Chlorophyll a (Bottom)	Sample Measurement										
PARM Code 32230 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Top)	Sample Measurement										
PARM Code 01119 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Copper, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01119 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00980 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Iron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00980 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Top)	Sample Measurement										
PARM Code 01094 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Zinc, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 01094 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	ug/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Top)	Sample Measurement										
PARM Code 00999 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Boron, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00999 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Top)	Sample Measurement										
PARM Code 00940 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl) (Bottom)	Sample Measurement										
PARM Code 00940 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00921 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Magnesium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00921 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sodium, Total Recoverable (Top)	Sample Measurement										
PARM Code 00923 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable (Bottom)	Sample Measurement										
PARM Code 00923 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 6 Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 P Mon. Site No. SWD-2	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 Q Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 R Mon. Site No. SWD-3	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 S Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 T Mon. Site No. SWD-4	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 U Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 V Mon. Site No. SWD-5	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 W Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 1 Mon. Site No. SWD-6	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 5 Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 A Mon. Site No. SWD-7	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 B Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 G Mon. Site No. SWD-8	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 7 Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 I Mon. Site No. SWD-9	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 J Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 K Mon. Site No. SWD-10	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-01A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 Y Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 0 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Top)	Sample Measurement										
PARM Code 00945 2 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfate, Total (Bottom)	Sample Measurement										
PARM Code 00945 3 Mon. Site No. SWD-12	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Turbidity	Sample Measurement										
PARM Code 00070 5 Mon. Site No. SWD-11	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/

PERMITTEE NAME: FPL
MAILING ADDRESS: 700 Universe Blvd
Juno Beach, Florida 33408-

FACILITY: FPL Turkey Point Plant
LOCATION: 9700 SW 344th St
Homestead, FL 33035-1800

COUNTY: Miami-Dade
OFFICE: Tallahassee

PERMIT NUMBER: FL0001562-012-IW1N

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: D-02A
MONITORING GROUP DESCRIPTION: A new permitted series of porewater (free water present in sediments) monitoring sites in coastal marine wetlands north, east, and south of the facility s onsite CCS.

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

REPORT FREQUENCY: Semi-annually
PROGRAM: Industrial

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water	Sample Measurement										
PARM Code 00011 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	Deg F		Semi-Annually; twice per year	Grab
Temperature (F), Water	Sample Measurement										
PARM Code 00011 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	Deg F		Semi-Annually; twice per year	Grab
Temperature (F), Water	Sample Measurement										
PARM Code 00011 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	Deg F		Semi-Annually; twice per year	Grab
Temperature (F), Water	Sample Measurement										
PARM Code 00011 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	Deg F		Semi-Annually; twice per year	Grab
Temperature (F), Water	Sample Measurement										
PARM Code 00011 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	Deg F		Semi-Annually; twice per year	Grab
Temperature (F), Water	Sample Measurement										
PARM Code 00011 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	Deg F		Semi-Annually; twice per year	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
pH	Sample Measurement										
PARM Code 00400 P Mon. Site No. OTH-1	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Semi-Annually; twice per year	Grab
pH	Sample Measurement										
PARM Code 00400 Q Mon. Site No. OTH-2	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Semi-Annually; twice per year	Grab
pH	Sample Measurement										
PARM Code 00400 R Mon. Site No. OTH-3	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Semi-Annually; twice per year	Grab
pH	Sample Measurement										
PARM Code 00400 S Mon. Site No. OTH-4	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Semi-Annually; twice per year	Grab
pH	Sample Measurement										
PARM Code 00400 T Mon. Site No. OTH-5	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Semi-Annually; twice per year	Grab
pH	Sample Measurement										
PARM Code 00400 U Mon. Site No. OTH-6	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Semi-Annually; twice per year	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	umhos/cm		Semi-Annually; twice per year	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	umhos/cm		Semi-Annually; twice per year	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	umhos/cm		Semi-Annually; twice per year	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	umhos/cm		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant MONITORING GROUP NUMBER: D-02A PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Specific Conductance	Sample Measurement										
PARM Code 00095 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	umhos/cm		Semi-Annually; twice per year	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	umhos/cm		Semi-Annually; twice per year	Grab
Salinity	Sample Measurement										
PARM Code 00480 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	ppt		Semi-Annually; twice per year	Grab
Salinity	Sample Measurement										
PARM Code 00480 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	ppt		Semi-Annually; twice per year	Grab
Salinity	Sample Measurement										
PARM Code 00480 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	ppt		Semi-Annually; twice per year	Grab
Salinity	Sample Measurement										
PARM Code 00480 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	ppt		Semi-Annually; twice per year	Grab
Salinity	Sample Measurement										
PARM Code 00480 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	ppt		Semi-Annually; twice per year	Grab
Salinity	Sample Measurement										
PARM Code 00480 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	ppt		Semi-Annually; twice per year	Grab
Fluid Density	Sample Measurement										
PARM Code 71820 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	g/ml		Semi-Annually; twice per year	Grab
Fluid Density	Sample Measurement										
PARM Code 71820 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	g/ml		Semi-Annually; twice per year	Grab
Fluid Density	Sample Measurement										
PARM Code 71820 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	g/ml		Semi-Annually; twice per year	Grab
Fluid Density	Sample Measurement										
PARM Code 71820 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	g/ml		Semi-Annually; twice per year	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Fluid Density	Sample Measurement										
PARM Code 71820 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	g/ml		Semi-Annually; twice per year	Grab
Fluid Density	Sample Measurement										
PARM Code 71820 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	g/ml		Semi-Annually; twice per year	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Calcium, Total Recoverable	Sample Measurement										
PARM Code 00918 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Calcium, Total Recoverable	Sample Measurement										
PARM Code 00918 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Calcium, Total Recoverable	Sample Measurement										
PARM Code 00918 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Calcium, Total Recoverable	Sample Measurement										
PARM Code 00918 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Calcium, Total Recoverable	Sample Measurement										
PARM Code 00918 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Calcium, Total Recoverable	Sample Measurement										
PARM Code 00918 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Potassium, Total	Sample Measurement										
PARM Code 00937 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Potassium, Total	Sample Measurement										
PARM Code 00937 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Potassium, Total	Sample Measurement										
PARM Code 00937 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Potassium, Total	Sample Measurement										
PARM Code 00937 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Potassium, Total	Sample Measurement										
PARM Code 00937 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Potassium, Total	Sample Measurement										
PARM Code 00937 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Sulfate, Total	Sample Measurement										
PARM Code 00945 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphate, Ortho (as P)	Sample Measurement										
PARM Code 70507 P Mon. Site No. OTH-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphate, Ortho (as P)	Sample Measurement										
PARM Code 70507 Q Mon. Site No. OTH-2	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphate, Ortho (as P)	Sample Measurement										
PARM Code 70507 R Mon. Site No. OTH-3	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphate, Ortho (as P)	Sample Measurement										
PARM Code 70507 S Mon. Site No. OTH-4	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: D-02A

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Phosphate, Ortho (as P)	Sample Measurement										
PARM Code 70507 T Mon. Site No. OTH-5	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Phosphate, Ortho (as P)	Sample Measurement										
PARM Code 70507 U Mon. Site No. OTH-6	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/

PERMITTEE NAME: FPL
MAILING ADDRESS: 700 Universe Blvd
Juno Beach, Florida 33408-

FACILITY: FPL Turkey Point Plant
LOCATION: 9700 SW 344th St
Homestead, FL 33035-1800

COUNTY: Miami-Dade
OFFICE: Tallahassee

PERMIT NUMBER: FL0001562-012-IW1N

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESCRIPTION: Once-through non-contact cooling water and other wastewater to the closed cooling canal system.

REPORT FREQUENCY: Monthly
PROGRAM: Industrial

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Temperature (F), Water	Sample Measurement										
PARM Code 00011 P Mon. Site No. OUI-1	Permit Requirement					Report (Mo.Avg.)	Report (Day.Max.)	Deg F		Monthly	In Situ
Biochemical Oxygen Demand-5	Sample Measurement										
PARM Code 00310 P Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Monthly	Grab
Oxygen, Dissolved Percent Saturation	Sample Measurement										
PARM Code 00301 P Mon. Site No. CAL-1	Permit Requirement				Report (Min.Mo.Avg.)			percent		Monthly	Calculated
Oxidation-Reduction Potential	Sample Measurement										
PARM Code 00090 P Mon. Site No. CAL-1	Permit Requirement		Report (Day.Max.)	mV						Monthly	Meter
Color	Sample Measurement										
PARM Code 00080 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	PCU		Monthly	Grab
Salinity	Sample Measurement										
PARM Code 00480 P Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	ppt		Monthly	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: I-001

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Salinity	Sample Measurement										
PARM Code 00480 R Mon. Site No. CAL-1	Permit Requirement						Report (Mo.Avg.)	ppt		Monthly	Grab
Salinity	Sample Measurement										
PARM Code 00480 Y Mon. Site No. CAL-1	Permit Requirement					Report (An.Avg.)		ppt		Daily; 24 hours	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/

PERMITTEE NAME: FPL
MAILING ADDRESS: 700 Universe Blvd
Juno Beach, Florida 33408-

FACILITY: FPL Turkey Point Plant
LOCATION: 9700 SW 344th St
Homestead, FL 33035-1800

COUNTY: Miami-Dade
OFFICE: Tallahassee

PERMIT NUMBER: FL0001562-012-IW1N

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESCRIPTION: Once-through non-contact cooling water and other wastewater to the closed cooling canal system.

REPORT FREQUENCY: Quarterly
PROGRAM: Industrial

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Solids, Total Suspended	Sample Measurement										
PARM Code 00530 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
pH	Sample Measurement										
PARM Code 00400 P Mon. Site No. OUI-1	Permit Requirement				Report (Day.Min.)		Report (Day.Max.)	s.u.		Quarterly	Grab
Solids, Total Dissolved (TDS)	Sample Measurement										
PARM Code 70295 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Specific Conductance	Sample Measurement										
PARM Code 00095 P Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	umhos/cm		Quarterly	Grab
Turbidity	Sample Measurement										
PARM Code 00070 P Mon. Site No. CAL-2	Permit Requirement						Report (Day.Max.)	NTU		Quarterly	Grab
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: I-001

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Ammonia, Total (as N)	Sample Measurement										
PARM Code 00610 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Ammonia, Unionized (as NH3)	Sample Measurement										
PARM Code 00619 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Ammonia, Total (as NH4)	Sample Measurement										
PARM Code 71845 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrite plus Nitrate, Total 1 det. (as N)	Sample Measurement										
PARM Code 00630 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Kjeldahl, Total (as N)	Sample Measurement										
PARM Code 00625 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Nitrogen, Total	Sample Measurement										
PARM Code 00600 P Mon. Site No. OUI-1	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: I-001

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Nitrogen, Total	Sample Measurement										
PARM Code 00600 Q Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	mg/L		Quarterly	Calculated
Phosphate, Ortho (as PO4)	Sample Measurement										
PARM Code 00660 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphate, Ortho (as PO4)	Sample Measurement										
PARM Code 00660 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 P Mon. Site No. OUI-1	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Phosphorus, Total (as P)	Sample Measurement										
PARM Code 00665 Q Mon. Site No. CAL-1	Permit Requirement						Report (Max.)	mg/L		Quarterly	Grab
Chlorophyll a	Sample Measurement										
PARM Code 32230 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chlorophyll a	Sample Measurement										
PARM Code 32230 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Chloride (as Cl)	Sample Measurement										
PARM Code 00940 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sodium, Total Recoverable	Sample Measurement										
PARM Code 00923 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab
Sulfide, Total	Sample Measurement										
PARM Code 00745 P Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Quarterly	Grab

DEPARTMENT OF ENVIRONMENTAL PROTECTION DISCHARGE MONITORING REPORT - PART A

When Completed submit this report to: http://www.fldepportal.com/go/

PERMITTEE NAME: FPL
MAILING ADDRESS: 700 Universe Blvd
Juno Beach, Florida 33408-

FACILITY: FPL Turkey Point Plant
LOCATION: 9700 SW 344th St
Homestead, FL 33035-1800

COUNTY: Miami-Dade
OFFICE: Tallahassee

PERMIT NUMBER: FL0001562-012-IW1N

LIMIT: Final
CLASS SIZE: MA
MONITORING GROUP NUMBER: I-001
MONITORING GROUP DESCRIPTION: Once-through non-contact cooling water and other wastewater to the closed cooling canal system.

REPORT FREQUENCY: Semi-annually
PROGRAM: Industrial

RE-SUBMITTED DMR: ☐
NO DISCHARGE FROM SITE: ☐
MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Copper, Total Recoverable	Sample Measurement										
PARM Code 01119 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Iron, Total Recoverable	Sample Measurement										
PARM Code 00980 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	ug/L		Semi-Annually; twice per year	Grab
Zinc, Total Recoverable	Sample Measurement										
PARM Code 01094 Q Mon. Site No. CAL-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

NAME/TITLE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT	TELEPHONE NO	DATE (mm/dd/yyyy)

COMMENT AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here):

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

DISCHARGE MONITORING REPORT - PART A (Continued)

FACILITY: FPL Turkey Point Plant

MONITORING GROUP NUMBER: I-001

PERMIT NUMBER: FL0001562-012-IW1N

MONITORING PERIOD From: _____ To: _____

Parameter		Quantity or Loading		Units	Quality or Concentration			Units	No. Ex.	Frequency of Analysis	Sample Type
Boron, Total Recoverable	Sample Measurement										
PARM Code 00999 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Magnesium, Total Recoverable	Sample Measurement										
PARM Code 00921 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab
Sulfate, Total	Sample Measurement										
PARM Code 00945 P Mon. Site No. OUI-1	Permit Requirement						Report (Day.Max.)	mg/L		Semi-Annually; twice per year	Grab

ISSUANCE/REISSUANCE DATE:
DMR EFFECTIVE DATE: 1st day of the 2nd month following effective date of permit - Permit expiration

INSTRUCTIONS FOR COMPLETING THE WASTEWATER DISCHARGE MONITORING REPORT

Read these instructions before completing the DMR. Hard copies and/or electronic copies of the required parts of the DMR were provided with the permit. All required information shall be completed in full and typed or printed in ink. A signed, original DMR shall be mailed to the address printed on the DMR by the 28th of the month following the monitoring period. Facilities who submit their DMR(s) electronically through eDMR do not need to submit a hardcopy DMR. The DMR shall not be submitted before the end of the monitoring period.

The DMR consists of three parts--A, B, and D--all of which may or may not be applicable to every facility. Facilities may have one or more Part A's for reporting effluent or reclaimed water data. All domestic wastewater facilities will have a Part B for reporting daily sample results. Part D is used for reporting ground water monitoring well data.

When results are not available, the following codes should be used on parts A and D of the DMR and an explanation provided where appropriate. Note: Codes used on Part B for raw data are different.

CODE	DESCRIPTION/INSTRUCTIONS
ANC	Analysis not conducted.
DRY	Dry Well
FLD	Flood disaster.
IFS	Insufficient flow for sampling.
LS	Lost sample.
MNR	Monitoring not required this period.

CODE	DESCRIPTION/INSTRUCTIONS
NOD	No discharge from/to site.
OPS	Operations were shutdown so no sample could be taken.
OTH	Other. Please enter an explanation of why monitoring data were not available.
SEF	Sampling equipment failure.

When reporting analytical results that fall below a laboratory's reported method detection limits or practical quantification limits, the following instructions should be used, unless indicated otherwise in the permit or on the DMR:

1. Results greater than or equal to the PQL shall be reported as the measured quantity.
2. Results less than the PQL and greater than or equal to the MDL shall be reported as the laboratory's MDL value. These values shall be deemed equal to the MDL when necessary to calculate an average for that parameter and when determining compliance with permit limits.
3. Results less than the MDL shall be reported by entering a less than sign ("<") followed by the laboratory's MDL value, e.g. < 0.001. A value of one-half the MDL or one-half the effluent limit, whichever is lower, shall be used for that sample when necessary to calculate an average for that parameter. Values less than the MDL are considered to demonstrate compliance with an effluent limitation.

PART A -DISCHARGE MONITORING REPORT (DMR)

Part A of the DMR is comprised of one or more sections, each having its own header information. Facility information is preprinted in the header as well as the monitoring group number, whether the limits and monitoring requirements are interim or final, and the required submittal frequency (e.g. monthly, annually, quarterly, etc.). Submit Part A based on the required reporting frequency in the header and the instructions shown in the permit. The following should be completed by the permittee or authorized representative:

Resubmitted DMR: Check this box if this DMR is being re-submitted because there was information missing from or information that needed correction on a previously submitted DMR. The information that is being revised should be clearly noted on the re-submitted DMR (e.g. highlight, circle, etc.)
No Discharge From Site: Check this box if no discharge occurs and, as a result, there are no data or codes to be entered for all of the parameters on the DMR for the entire monitoring group number; however, if the monitoring group includes other monitoring locations (e.g., influent sampling), the "NOD" code should be used to individually denote those parameters for which there was no discharge.
Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Sample Measurement: Before filling in sample measurements in the table, check to see that the data collected correspond to the limit indicated on the DMR (i.e. interim or final) and that the data correspond to the monitoring group number in the header. Enter the data or calculated results for each parameter on this row in the non-shaded area above the limit. Be sure the result being entered corresponds to the appropriate statistical base code (e.g. annual average, monthly average, single sample maximum, etc.) and units. Data qualifier codes are not to be reported on Part A.
No. Ex.: Enter the number of sample measurements during the monitoring period that exceeded the permit limit for each parameter in the non-shaded area. If none, enter zero.
Frequency of Analysis: The shaded areas in this column contain the minimum number of times the measurement is required to be made according to the permit. Enter the actual number of times the measurement was made in the space above the shaded area.
Sample Type: The shaded areas in this column contain the type of sample (e.g. grab, composite, continuous) required by the permit. Enter the actual sample type that was taken in the space above the shaded area.
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comment and Explanation of Any Violations: Use this area to explain any exceedances, any upset or by-pass events, or other items which require explanation. If more space is needed, reference all attachments in this area.

PART B - DAILY SAMPLE RESULTS

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Daily Monitoring Results: Transfer all analytical data from your facility's laboratory or a contract laboratory's data sheets for all day(s) that samples were collected. Record the data in the units indicated. Table 1 in Chapter 62-160, F.A.C., contains a complete list of all the data qualifier codes that your laboratory may use when reporting analytical results. However, when transferring numerical results onto Part B of the DMR, only the following data qualifier codes should be used and an explanation provided where appropriate.

CODE	DESCRIPTION/INSTRUCTIONS
<	The compound was analyzed for but not detected.
A	Value reported is the mean (average) of two or more determinations.
J	Estimated value, value not accurate.
Q	Sample held beyond the actual holding time.
Y	Laboratory analysis was from an unpreserved or improperly preserved sample.

To calculate the monthly average, add each reported value to get a total. For flow, divide this total by the number of days in the month. For all other parameters, divide the total by the number of observations.
Plant Staffing: List the name, certificate number, and class of all state certified operators operating the facility during the monitoring period. Use additional sheets as necessary.

PART D - GROUND WATER MONITORING REPORT

Monitoring Period: Enter the month, day, and year for the first and last day of the monitoring period (i.e. the month, the quarter, the year, etc.) during which the data on this report were collected and analyzed.
Date Sample Obtained: Enter the date the sample was taken. Also, check whether or not the well was purged before sampling.
Time Sample Obtained: Enter the time the sample was taken.
Sample Measurement: Record the results of the analysis. If the result was below the minimum detection limit, indicate that. Data qualifier codes are not to be reported on Part D.
Detection Limits: Record the detection limits of the analytical methods used.
Analysis Method: Indicate the analytical method used. Record the method number from Chapter 62-160 or Chapter 62-601, F.A.C., or from other sources.
Sampling Equipment Used: Indicate the procedure used to collect the sample (e.g. airlift, bucket/bailer, centrifugal pump, etc.)
Samples Filtered: Indicate whether the sample obtained was filtered by laboratory (L), filtered in field (F), or unfiltered (N).
Signature: This report must be signed in accordance with Rule 62-620.305, F.A.C. Type or print the name and title of the signing official. Include the telephone number where the official may be reached in the event there are questions concerning this report. Enter the date when the report is signed.
Comments and Explanation: Use this space to make any comments on or explanations of results that are unexpected. If more space is needed, reference all attachments in this area.

SPECIAL INSTRUCTIONS FOR LIMITED WET WEATHER DISCHARGES

Flow (Limited Wet Weather Discharge): Enter the measured average flow rate during the period of discharge or divide gallons discharged by duration of discharge (converted into days). Record in million gallons per day (MGD).
Flow (Upstream): Enter the average flow rate in the receiving stream upstream from the point of discharge for the period of discharge. The average flow rate can be calculated based on two measurements; one made at the start and one made at the end of the discharge period. Measurements are to be made at the upstream gauging station described in the permit.
Actual Stream Dilution Ratio: To calculate the Actual Stream Dilution Ratio, divide the average upstream flow rate by the average discharge flow rate. Enter the Actual Stream Dilution Ratio accurate to the nearest 0.1.
No. of Days the SDF > Stream Dilution Ratio: For each day of discharge, compare the minimum Stream Dilution Factor (SDF) from the permit to the calculated Stream Dilution Ratio. On Part B of the DMR, enter an asterisk (*) if the SDF is greater than the Stream Dilution Ratio on any day of discharge. On Part A of the DMR, add up the days with an "*" and record the total number of days the Stream Dilution Factor was greater than the Stream Dilution Ratio.
$CBOD_5$: Enter the average $CBOD_5$ of the reclaimed water discharged during the period shown in duration of discharge.
TKN: Enter the average TKN of the reclaimed water discharged during the period shown in duration of discharge.
Actual Rainfall: Enter the actual rainfall for each day on Part B. Enter the actual cumulative rainfall to date for this calendar year and the actual total monthly rainfall on Part A. The cumulative rainfall to date for this calendar year is the total amount of rain, in inches, that has been recorded since January 1 of the current year through the month for which this DMR contains data.
Rainfall During Average Rainfall Year: On Part A, enter the total monthly rainfall during the average rainfall year and the cumulative rainfall for the average rainfall year. The cumulative rainfall for the average rainfall year is the amount of rain, in inches, which fell during the average rainfall year from January through the month for which this DMR contains data.
No. of Days LWWD Activated During Calendar Year: Enter the cumulative number of days that the limited wet weather discharge was activated since January 1 of the current year.
Reason for Discharge: Attach to the DMR a brief explanation of the factors contributing to the need to activate the limited wet weather discharge.