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February 8, 2008

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COMMISSION
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VIA HAND DELIVERY

Ms. Ann Cole
Division of the Commission Clerk and
Administrative Services
Florida Public Service Commission
Betty Easley Conference Center
2540 Shumard Oak Boulevard, Room 110
Tallahassee, FL 32399-0850

070650-ET

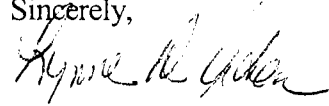
Re: Florida Power & Light Company's Petition to Determine Need for Turkey Point Nuclear Units 6 & 7 Electrical Power Plant

Dear Ms. Cole:

Enclosed for filing on behalf of Florida Power & Light Company is a compact disk containing Late Filed Exhibit 102. This exhibit is confidential and subject to an oral notice of intent to request confidential classification and a motion for temporary protective order that was made at the hearing in the above referenced docket. Also included is Late Filed Exhibit 103, which is not confidential. Both exhibits are being provided to the Office of Public Counsel, subject to the confidentiality protections described above. Late Filed Exhibit 103 is being provided to Mr. and Mrs. Krasowski, intervenors in this docket.

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

Sincerely,


Jessica Cano

Enclosures

cc: Office of Public Counsel, w/ Exhibits 102 and 103
Mr. and Mrs. Krasowski, w/ Exhibit 103

DOCUMENT NUMBER-DATE

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**SO2 Environmental Compliance Costs
 (nominal \$ per ton)**

Year	APPENDIX F				Adjusted APPENDIX F values using ICF 2007 projections as requested by OPC and Staff corresponding to:			
	ENV I	ENV II	ENV III	ENV IV	ENV I	ENV II	ENV III	ENV IV
2008	1,062	972	950	950	806	1,040	1,101	1,431
2009	1,163	1,065	1,040	1,040	883	1,139	1,206	1,568
2010	1,273	1,165	1,138	1,138	966	1,246	1,319	1,715
2011	1,394	1,276	1,247	1,247	1,057	1,364	1,444	1,877
2012	1,527	1,398	1,366	1,366	1,159	1,495	1,582	2,056
2013	1,673	1,532	1,496	1,496	1,268	1,637	1,733	2,253
2014	1,833	1,677	1,639	1,639	1,390	1,793	1,898	2,468
2015	2,007	1,838	1,793	1,793	1,522	1,964	2,079	2,703
2016	2,198	2,013	1,964	1,964	1,668	2,152	2,277	2,960
2017	2,406	2,203	2,149	2,149	1,825	2,354	2,493	3,241
2018	2,633	2,411	2,353	2,353	1,997	2,577	2,727	3,546
2019	2,881	2,638	2,576	2,576	2,185	2,820	2,986	3,882
2020	3,153	2,888	2,818	2,818	2,392	3,086	3,268	4,249
2021	3,454	3,163	3,088	3,088	2,620	3,380	3,579	4,652
2022	3,783	3,465	3,383	3,383	2,870	3,704	3,921	5,097
2023	4,144	3,795	3,704	3,704	3,142	4,057	4,294	5,582
2024	4,539	4,155	4,057	4,057	3,442	4,443	4,702	6,113
2025	4,972	4,552	4,444	4,444	3,771	4,866	5,151	6,696
2026	5,168	4,679	4,419	4,419	3,741	4,672	5,144	6,687
2027	5,373	4,810	4,395	4,395	3,714	4,483	5,136	6,677
2028	5,587	4,944	4,369	4,369	3,684	4,302	5,130	6,669
2029	5,808	5,083	4,345	4,345	3,656	4,129	5,123	6,659
2030	6,038	5,224	4,320	4,320	3,628	3,963	5,117	6,652

Prepared at the request of FPSC Staff.

DOCUMENT NUMBER DATE
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**NOx Environmental Compliance Costs
 (nominal \$ per ton)**

APPENDIX F

Year	ENV I	ENV II	ENV III	ENV IV
2008	0	0	0	0
2009	1755	1674	1633	1633
2010	1772	1826	1786	1786
2011	1788	1991	1955	1955
2012	1960	2182	2142	2142
2013	2147	2391	2347	2347
2014	2352	2619	2571	2571
2015	2576	2867	2815	2815
2016	2820	3140	3082	3082
2017	3087	3436	3374	3374
2018	3377	3761	3693	3693
2019	3696	4116	4041	4041
2020	4045	4506	4423	4423
2021	3843	3337	3590	3590
2022	3650	2473	2912	2912
2023	3467	1831	2363	2363
2024	3293	1356	1918	1918
2025	3128	1004	1557	1557
2026	3158	1100	0	0
2027	3187	1205	0	0
2028	3217	1320	0	0
2029	3247	1445	0	0
2030	3276	1583	0	0

Adjusted APPENDIX F values using ICF 2007 projections as requested by OPC and Staff corresponding to:

ENV I	ENV II	ENV III	ENV IV
0	0	0	0
1,116	1,359	1,405	1,827
1,221	1,488	1,538	1,999
1,336	1,629	1,684	2,189
1,464	1,784	1,844	2,397
1,604	1,953	2,020	2,625
1,756	2,140	2,213	2,876
1,923	2,343	2,424	3,151
2,106	2,567	2,655	3,451
2,305	2,809	2,905	3,776
2,523	3,074	3,181	4,135
2,763	3,366	3,481	4,525
3,024	3,684	3,809	4,952
2,765	3,965	3,638	4,730
2,527	4,266	3,474	4,516
2,311	4,592	3,317	4,312
2,113	4,943	3,168	4,118
1,931	5,319	3,025	3,932
1,585	4,362	3,225	4,192
1,218	3,352	3,438	4,470
832	2,291	3,667	4,767
427	1,173	3,910	5,083
0	0	4,169	5,420

Prepared at the request of FPSC Staff.

**CO2 Environmental Compliance Costs
 (nominal \$ per ton)**

Year	APPENDIX F				Adjusted APPENDIX F values using ICF 2007 projections as requested by OPC and Staff corresponding to:			
	ENV I	ENV II	ENV III	ENV IV	ENV I	ENV II	ENV III	ENV IV
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	7	0	11	15	0	0	0	0
2011	7	2	13	17	0	0	0	0
2012	7	5	14	19	0	0	0	0
2013	9	8	15	19	10	14	23	29
2014	9	9	16	21	11	16	24	32
2015	10	11	18	23	12	17	26	34
2016	10	13	20	26	13	19	28	37
2017	11	16	22	28	14	21	31	41
2018	12	19	23	30	15	23	34	44
2019	13	22	25	33	17	25	37	48
2020	13	26	29	38	18	27	41	53
2021	13	28	31	41	20	29	45	58
2022	15	32	35	45	22	33	49	64
2023	16	35	37	49	24	35	53	69
2024	16	38	42	54	27	39	58	75
2025	16	41	44	58	29	43	64	83
2026	17	44	49	63	31	46	70	92
2027	17	47	53	69	35	50	77	100
2028	18	49	60	78	38	55	84	110
2029	18	51	65	85	42	62	92	119
2030	19	52	70	92	45	67	101	132

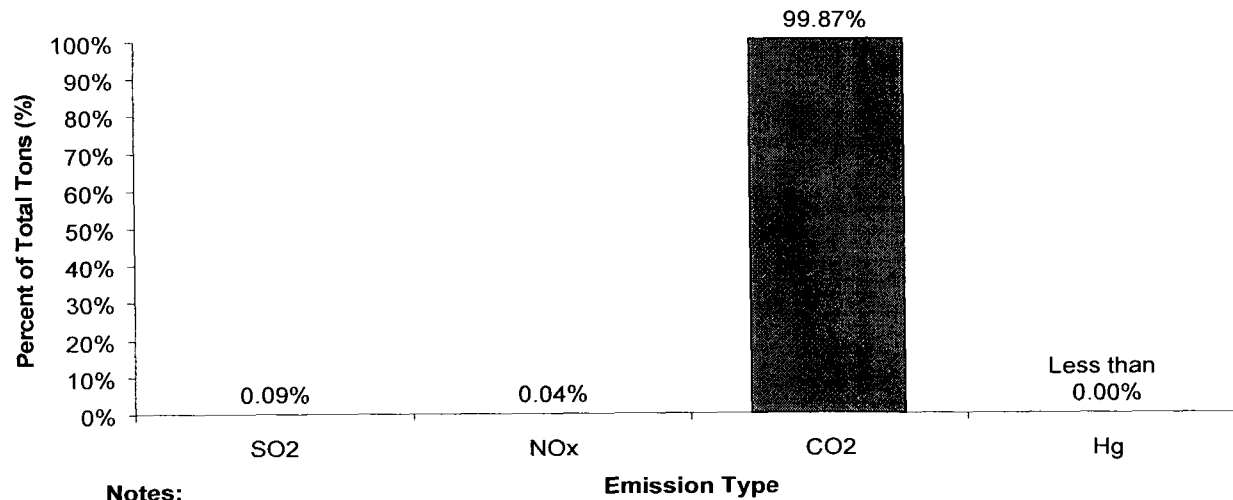
Prepared at the request of FPSC Staff.

**Hg Environmental Compliance Costs
 (nominal \$ per lb)**

Year	APPENDIX F				Adjusted APPENDIX F values using ICF 2007 projections as requested by OPC and Staff corresponding to:			
	ENV I	ENV II	ENV III	ENV IV	ENV I	ENV II	ENV III	ENV IV
2008	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0
2010	28,303	29,986	29,832	29,832	11,951	12,243	13,557	17,624
2011	29,252	29,680	29,533	29,533	13,089	13,411	14,849	19,303
2012	30,232	29,377	29,237	29,237	14,336	14,690	16,264	21,143
2013	31,246	29,077	28,943	28,943	15,701	16,091	17,814	23,158
2014	33,238	30,270	30,134	30,134	17,197	17,625	19,510	25,363
2015	36,394	33,145	32,994	32,994	18,834	19,306	21,369	27,780
2016	39,851	36,292	36,127	36,127	20,629	21,147	23,405	30,427
2017	43,616	39,723	39,540	39,540	22,580	23,144	25,617	33,302
2018	47,738	43,354	43,276	43,276	24,715	25,330	28,040	36,451
2019	52,250	47,588	47,366	47,366	27,053	27,722	30,690	39,897
2020	57,188	52,085	51,840	51,840	29,612	30,339	33,591	43,668
2021	62,637	57,050	56,782	56,782	32,433	33,231	36,790	47,827
2022	68,607	62,487	62,195	62,195	35,523	36,399	40,295	52,384
2023	75,144	68,443	68,123	68,123	38,906	39,868	44,133	57,373
2024	82,305	74,966	74,617	74,617	42,613	43,667	48,339	62,840
2025	90,148	82,109	81,746	81,746	46,673	47,828	52,942	68,825
2026	98,743	89,935	89,520	89,520	51,123	52,390	57,989	75,386
2027	108,154	98,505	98,052	98,052	55,999	57,385	63,515	82,570
2028	118,465	107,892	107,398	107,398	61,338	62,856	69,569	90,439
2029	129,758	118,173	117,636	117,636	67,186	68,850	76,198	99,057
2030	142,127	129,435	128,847	128,847	73,592	75,415	83,460	108,498

Prepared at the request of FPSC Staff.

% of Tons Emitted by Emission Type to Total Tons Emitted



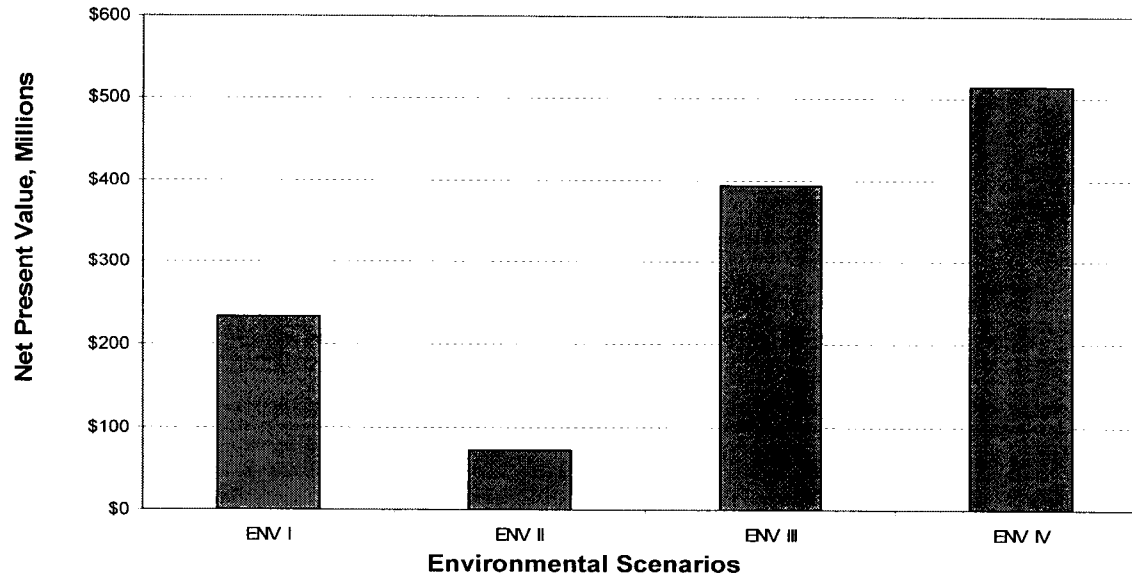
Notes:

Based on Medium Gas – ENV II.

Total emissions from 2007-2030

Hg is shown in tons although it is usually expressed in lbs.

Difference in emission costs between "FPL's Appendix F" and "Adjusted Appendix F" when comparing nuclear generation to combined cycle generation



Notes:

- A positive value indicates an increase in total emission cost savings favoring nuclear when the environmental compliance costs were changed from FPL's Appendix F values to the ICF 2007 Adjusted Values (e.g. for scenario ENV IV, the use of the ICF 2007 Adjusted Values increases the nuclear savings by approximately \$500 M).
- Values in this example are based on the difference in emissions between 2200 MWs of nuclear unit capacity and a comparable amount of combined cycle unit capacity for the period 2018 to 2030.
- This example does not fully consider all system effects or the full time frame of FPL's study..