BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION

In re: Petition to Establish Discovery Docket Regarding Actual and Projected Costs for Levy Nuclear Project, by Progress Energy Florida, Inc. DOCKET NO. 080149

Submitted for filing: May 1, 2008

DIRECT TESTIMONY OF LORI CROSS IN SUPPORT OF SITE SELECTION COSTS

ON BEHALF OF PROGRESS ENERGY FLORIDA

R. ALEXANDER GLENN JOHN BURNETT PROGRESS ENERGY SERVICE COMPANY, LLC P.O. Box 14042 St. Petersburg, Florida 33733 Telephone: (727) 820-5180 Facsimile: (727) 820-5519 JAMES MICHAEL WALLS Florida Bar No. 706272 DIANNE M. TRIPLETT Florida Bar No. 0872431 CARLTON FIELDS, P.A. Post Office Box 3239 Tampa, FL 33601 Telephone: (813) 223-7000 Telecopier: (813) 229-4133 DOCUMENT NUMBER - DATE

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FPSC-COMMISSION CLERK

IN RE: PETITION TO ESTABLISH DISCOVERY DOCKET REGARDING PROJECTED COSTS FOR LEVY NUCLEAR PROJECT BY PROGRESS ENERGY FLORIDA, INC.

BY PROGRESS ENERGY FLORIDA

FPSC DOCKET NO. 080149

DIRECT TESTIMONY OF LORI CROSS IN SUPPORT OF SITE SELECTION COSTS

I. INTRODUCTION AND QUALIFICATIONS

Q. Please state your name and business address.

A. My name is Lori Cross. My business address is 299 First Avenue North, St.
 Petersburg, FL 33701.

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

 A. I am employed by Progress Energy Service Company, LLC as Manager of Regulatory Planning Florida.

10 Q. What are your responsibilities in that position?

A. I am responsible for regulatory planning, cost recovery and pricing functions
 for Progress Energy Florida, Inc. ("PEF"). These responsibilities include:
 cost of service analysis; regulatory financial reports; rate and tariff
 development and administration; analysis of state, federal and local
 regulations and their impact on PEF; planning, coordination and execution of
 general rate case proceedings as necessary. In this capacity, I am also

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1		responsible for the Levy County Nuclear Project Cost Recovery Projection
2		filing, made as part of this discovery docket, in accordance with Rule 25-
3		6.0423, Florida Administrative Code (F.A.C.).
4		
5	Q.	Please describe your educational and occupational history and describe your
6		duties in the various positions you have held as an employee of Progress
7		Energy.
8	A.	I received a Bachelors of Science degree in Accounting from the University of
9		South Florida. I began my employment with PEF (previously Florida Power
10		Corporation) in 1983. During my 24 years with Florida Power Corporation and
11		now Progress Energy Service Co. LLC., I have held a number of financial and
12		accounting positions. In 2004, I became Manager, Regulatory Services for PEF.
13		
14	Q.	What is the purpose of your testimony?
15	A.	The purpose of my testimony is to present, for Commission review and approval,
16		Progress Energy Florida's site selection costs associated with the Levy Nuclear
17		Construction project.
18		
19	Q.	Are you sponsoring any exhibits in support of your testimony?
20	А.	Yes. I am sponsoring the following exhibits, which were prepared under my
21		supervision:
22		• Exhibit No (LC-3) which consists of schedules SS-1 to SS-6B which
23		reflects the site selection costs for 2006.
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1	• Exhibit No (LC-4) which consists of schedules SS-1 to SS-8A which
2	reflects the site selection costs for 2007.
3	• Exhibit No (LC-5) which consists of schedules SS-1 to SS-8B and SS-10
4	reflects the site selection costs for 2008.
5	
6	Q. What are Schedules SS-1 to SS-10?
7	• Schedule SS-1 reflects the Site Selection Revenue Requirements.
8	• Schedule SS-2 reflects the over/(under) recovery of site selection costs.
9	• Schedule SS-3A reflects the carrying costs on the deferred taxes.
10	• Schedule SS-3B reflects the calculation of the construction period interest.
11	• Schedule SS-4 reflects recoverable O&M expenses.
12	• Schedule SS-5 reflects other recoverable O&M expenses.
13	• Schedule SS-6 reflects monthly site selection expenses.
14	• Schedule SS-6A reflects a description of the major tasks for the costs
15	incurred.
16	• Schedule SS-7 reflects a description of the technology selected
17	• Schedule SS-8 reflects a list of the contracts executed in excess of \$1.0
18	million.
19	• Schedule SS-8A reflects details on each of the contracts executed in
20	excess of \$1.0 million.
21	• Schedule SS-8B reflects a list of all contracts in excess of \$200,000.
22	• Schedule SS-10 reflects the estimated bill impact associated with the
23	cumulative Site Selection revenue requirements.
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2	Q.	What is the source of the data that you will present by way of testimony or
3		exhibits in this proceeding?
4	А.	These numbers are derived from the Company's actual books and records.
5		
6	Q.	What costs have been included in the Site Selection schedules?
7	А.	These schedules include the revenue requirements on the site selection costs that
8		the Company has incurred for the Levy Nuclear Construction project pursuant to
9		the provisions of Rule 25-6.0423. The revenue requirements include the actual
10		costs incurred, plus a carrying charge on the unrecovered balance, the incremental
11		O&M expenses, and a carrying charge on the deferred tax asset. These costs
12		were incurred from the period April 2006 up to the date that PEF submitted its
13		petition for determination of need for the Levy Plant.
14		
15		Total revenue requirements for the entire period are \$ 37.9 million and are
16		comprised of \$3.5 million for the 2006 calendar year, \$14.6 million for the 2007
17		calendar year, and \$19.8 million for the 2008 calendar year.
18		
19		These costs were primarily incurred as part of the Combined Operating License
20		process and the site and technology selection process. More detailed information
21		about these costs is provided in the testimony of Danny Roderick. These
22		schedules contain substantially all of the actual site selection expenses. There are
23		still some costs for which the invoices have not been received and as such, the

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costs presented in these schedules may need to be trued up to final costs at a later 1 date. 2 3 Q. How does PEF plan to recover these Site Selection Costs? 4 5 Α. In accordance with the provisions of FPSC Rule 25-6.0423, Section (4), after the 6 7 Commission has issued an order granting the determination of need, PEF will file a petition for a separate proceeding to recover prudently incurred site selection 8 costs. In that petition, PEF will propose that these costs be afforded the same cost 9 recovery treatment as Preconstruction costs and that they be included in the total 10 costs to be recovered through the Capacity Clause Recovery (CCR) clause 11 beginning in January 2009. 12 13 Q. What does Schedule SS-10 represent? 14 Schedule SS-10 in Exhibit LC-5 shows the estimated bill impact of recovering the 15 A. cumulative Site Selection costs plus the carrying charge through retail rates 16 beginning in January 2009, based on 2008 billing determinants. As can be seen in 17 18 SS-10, the estimated impact to the residential ratepayer of recovering the \$37.9 million is \$1.07 per 1000 KWh. 19 20 Does this conclude your testimony? 21 Q. Α. Yes, it does. 22 23 24

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SCHEDULE APPENDIX REDACTED

EXHIBIT (LC-4)

PROGRESS ENERGY FLORIDA, INC. Levy County Nuclear Filing COMMISSION SCHEDULES (SS-1 Through SS-8A)

> JANUARY 2007 - DECEMBER 2007 2007 SITE SELECTION DOCKET NO. 080149-EI

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Schedule SS-1		ction Cost	Nuclear Filin s and Carryin lue Requirem	g Costs	mary			Section (4)] Section (8)(d)	1
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080149 - EI	exp	al retail revo penditures f	alculation of th enue requirem for the current for such curre		For the Year Ended 12/31/2007 Witness: Lori Cross				
_ine No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total	
			Ju	risdictional	Dollars				
I. Site Selection Revenue Requirements (Schedule S	\$S-2, line 7) \$	201,370	i 1,817 , 898 \$	517,359	\$ (1,987,956) \$	4,091,375 \$	1,716,077	\$ 6,356,124	
2. Construction Carrying Cost Revenue Requirements	5	-	-		-	-	-	-	
Recoverable O&M Revenue Requirements (Sched	ule SS-4, line 28)	-	-	25,123	110	15,220	178	40,630	
-	no 9)								
. Deferred Tax Asset Carrying Cost (Schedule SS-3A, lin	19 D)	(12)	(39)	(73)	(108)	(144)	(193)	(568)	
	e o)	(12) -	(39) -	(73) -	(108)	(144) -	(193) -	(568)	
. Other Adjustments		(12) - 	(39) - 1,817,860	(73) - <u>542,410</u>	(108)	(144) - 4,106,451	(193) - 1,716,061	(588) - <u>6,396,186</u>	
5. Other Adjustments	,) 	-	-	-	•	-	-	-	

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Levy County Nuclear Filing Site Selection Costs and Carrying Costs Actual Filing: Retail Revenue Requirements Summary

Sched		ing: Retail Reve			mary			[Section (4)] [Section (8)(d))]
LOR	DA PUBLIC SERVICE COMMISSION EXPLANATIO	N: Provide the c			•				
OMF	ANY: PROGRESS ENERGY - FL	total retail rev expenditures	for the curre	ent year and t		y filed		For the Year B	Ended 12/31/2007
оск	ET NO.: 080149 - EI	expenditures	for such cu	rent year.				Witness: Lori	Cross
ne o.	· · · · · · · · · · · · · · · · · · ·	(H) Actual July	(î) Actual August	(J) Actual September	(K) Actual October	(L) Actual November	(M) Actual December	(N) 12 Month Total	
			-	Jurisdictional	Dollars				
	Preconstruction Revenue Requirements (Schedule SS-2, line 7)	\$ 1,483,159	\$ 1,537,118	\$ 2,265,727	\$ 1,246,625	\$ 2,173,840	\$ (1,026,384)	\$ 14,036,210	
	Construction Carrying Cost Revenue Requirements	-	-	-	-	· -	-	-	
	Recoverable O&M Revenue Requirements (Schedule SS-4, line 28)	178	185	4,764	112,379	165,265	224,072	547,473	
	Deferred Tax Asset Carrying Cost (Schedule SS-3A, line 8)	(713)	(787)	(871)	(967)	(1,075)	(1,189)	(6,170)	
	Other Adjustments	-	-	-	-	-	-	-	
	Total Period Revenue Requirements (Lines 1 though 5)	1,482,624	1,536,517	2,269,620	1,358,037	2,338,030	(803,501)	14,577,513	
	Total Return Requirements from most recent Projections	-	-	-		-	-	-	
	Difference (Line 6 - Line 7)	\$ 1.482.624	\$ 1.538.517	\$ 2,269,620	\$ 1358.037	C 2 228 030	¢ (803 501)	\$ 14,577,513	

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Schedule SS-2	Levy Cour Site Selection (Actual Filing		arrying Cost	S				[Section (4)] [Section (8)(d)]	
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080149 - EI	EXPLANATION:	costs based	calculation of on actual site ont year and the rent year.		For the Year Ended 12/31/2007 Witness: Lori Cross				
Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Actual April	(E) Actual May	(F) Actual June	(G) 6 Month Total	
				Jurisdictiona	I Dollars				
1. Current Period Pre-Construction Expenses (Schedule S	S-6 Line 34)	\$ 163,770	\$ 1,769,860	\$ 457,264	\$ (2,040,150) \$	4,028,352	\$ 1,622,877	\$ 6,001,973	
2. Prior Period Unrecovered Pre-Construction Balance	3,491,739	3,655,509	5,450,706	5,940,342	3,940,688	8,004,211	9,669,558		
3. Pre-Construction Expenses Recovered									
4. Average Balance Pre-Construction Expenses Eligible for	Return	3,573,624	4,565,776	5,711,710	4,960,763	5,990,035	8,858,119		
5. Ketum on Average Net Unamortized CWIP Eligible for F	Return (c)								
a. Equity Component (a)		19,526	24,947	31,209	27,106	32,730	48,401	183,918	
b. Equity Comp. grossed up for taxes (b)		31,789	40,614	50,808	44,128	53,284	78,797	299,420	
c. Debt Component	.	5,811	7,424	9,287	8,066	9,740	14,403	54,731	
3. Total Return Requirements (Line 5b + 5c)	-	37,600	48,038	60,095	52,194	63,024	93,200	354,151	
7. Total Costs to be Recovered		201,370	1,817,898	517,359	(1,987,956)	4,091,375	1,716,077	6,356,124	
CWIP Additions, Amortization & Return from most receiption	nt Projections	-	-	-		-	-		
9. Over / (Under) Recovery (Line 7 - Line 8)			\$ 1,817,898		\$ (1,987,956) \$		\$ 1,716,077	\$ 6,356,124	

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%. (c) AFUDC actual monthly rate is calculated using the formula M = [(1 + A/100)^{1/12}·1] x 100; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%. Page 1 of 2

Schedule SS-2	Site Selection	ounty Nuclear F n Costs and Ca ng: Site Selecti	arrying Cos	ts				[Section (4)] [Section (8)(d)]	
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Provide the c				e selection			
COMPANY: PROGRESS ENERGY - FL		costs based for the currer	nt year and i		•	ditures		For the Year En	ded 12/31/2007
DOCKET NO.: 080149 - El		for such curr	ent year.					Witness: Lori Ci	ross
Line No.		(l) Actual July	(J) Actual August	(K) Actual September Jurisdictiona	(L) Actual October Il Dollars	(M) Actual November	(N) Actual December	(O) 12 Month Total	
1. Current Period Pre-Construction Expenses (Schedule S	S-6 Line 34)	\$ 1,373,535	\$ 1,412,063	\$ 2,121,198	\$ 1,084,209	\$ 1,994,077	\$ (1,211,538)	\$ 12,775,518	
2. Prior Period Unrecovered Pre-Construction Balance		11,105,897	12,591,832	14,797,300	15,978,902	18,082,426	16,992,024		
3. Pre-Construction Expenses Recovered									
4. Average Balance Pre-Construction Expenses Eligible for	Return	10,419,129	11,885,800	13,736,701	15,436,798	17,085,388	17,597,793		
5. $\dot{\lambda}$ Return on Average Net Unamortized CWIP Eligible for F	Return (c)								
a. Equity Component (a)		56,930	64,944	75,057	84,347	93,355	96,154	654,705	
b. Equity Comp. grossed up for taxes (b)		92,682	105,729	122,193	137,317	151,981	156,539	1,065,862	
c. Debt Component	· ·	16,942	19,326	22,336	25,100	27,781	28,614	194,830	
6. Total Return Requirements (Line 5b + 5c)		109,624	125,055	144,529	162,417	179,762	185,153	1,260,692	
7. Total Costs to be Recovered		1,483,159	1,537,118	2,265,727	1,246,625	2,173,840	(1,026,384)	14,036,210	
8. CWIP Additions & Amortization from most recent Project	tions	-	-	-		-	-	-	
9. Difference (Line 7 - Line 8)		\$ 1,483,159	\$ 1,537,118	\$ 2,265,727	\$ 1,246,625	\$ 2,173,840	\$ (1,026,384)	\$ 14,036,210	

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula M = {(1 + A/100)^{1/12-} 1] x 100; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001628 (Debt), which results in the annual rate of 8.848%. Page 2 of 2

	Levy County Nuc Selection Costs and timated Filing: Defe	d Carrying Cos					[5	Section (4)]	
Schedule SS-3A								Section (8)(d)	l
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Provide the ca							
COMPANY: PROGRESS ENERGY - FL		deferred tax C year.	arrying Cos	sts for the o	current		F	or the Year E	nded 12/31/2007
DOCKET NO.: 080149 - EI							v	Vitness: Lori (Cross
Line No.	(A) Beginning of Period	Actual A	ctual A	(D) Actual /	(E) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total	
100.				isdictional		(iiii)	Udito	10101	
1. Construction Period Interest (Schedule SS-3B, Line 5)		\$ - \$	- \$	- \$	- \$	- \$	5 - 5	i -	
2. Recovered Costs Excluding AFUDC (Schedule SS-2, Line 1+ Line 3)		-	-	-	-	-	-	-	
3. Other Adjustments (d)		\$ (5,811) \$	(7,424) \$	(9,287) \$	(8,066) \$	(9,740)_\$	i_(14,403)	(54,731)	
4. Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	<u>s</u>	\$ (5,811) \$	(13,235) \$	(22,522) \$	(30,588) \$	(40,328) \$	(54,731)	(167,214)	
5 \Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate	s) <u>s</u> -	\$ (2,241) \$	(5,105) \$	(8,688) \$	(11,799) \$	(15,556) \$	i (21,113) r	1/a	
6. Average Accumulated DTA		\$ (1,121) \$	(3,673) \$	(6,897) \$	(10,244) \$	(13,678) \$	(18,335)		
7. Carrying Costs on DTA (c)									
a. Equity Component (a)		(6)	(20)	(38)	(56)	(75)	(100)	(295)	
b. Equity Comp. grossed up for taxes (b)		(10)	(33)	(61)	(91)	(122)	(163)	(480)	
c. Debt Component		(2)	(6)	(11)	(17)	(22)	(30)	(88)	
8. Total Return Requirements (Line 7b + 7c)		(12)	(39)	(73)	(108)	(144)	(193)	(568)	
9. Total Return Requirements from most recent Projections		-	-		-	-	-	-	
10. Difference (Line 8 - Line 9)		\$ (12) \$	(39) \$	(73) \$	(108) \$	(144) \$	(193) \$	(568)	

(b) Requirement for the payment of income taxes is calculated using a Federal income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} + 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%. (d) Other adjustment represents the monthly debt component carrying costs that is a permanent difference and therefore not included in the DTA calculation.

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Levy County Nuclear Filing Site Selection Costs and Carrying Costs Actual & Estimated Filing: Deferred Tax Carrying Costs Schedule SS-3A												
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Provide the	calculation	of the Actu				Location (oV	<u></u>			
COMPANY: PROGRESS ENERGY - FL	EAR EARA HOR.	deferred tax	++					For the Vea	Ended 12/31/200			
		year.										
DOCKET NO.: 080149 - EI								Witness: Lo				
Line No.	(I) Beginning of Period	(J) Actual July	(K) Actuai August S	(L) Actual ieptember	(M) Actual October	(N) Actual November	(O) Actual December	(P) 12 Month Total				
1. Construction Period Interest (Schedule SS-3B, Line 5)		s - :	5 - 5	1	i -	\$ -	s -	5 -				
2. Recovered Costs Excluding AFUDC (Schedule SS-2, Line 1+ Line 3)		-		•	-	-		-				
3. Other Adjustments (d)		\$ (18,942)	s (19,326) s	i (22,336) s	(25,100)	\$ (27,781)	\$ (28,614)	(194,830)				
4. Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	\$ (167,214) \$ (184,156) (\$ (203,482) \$	i (225,818) \$	(250,918)	\$ (278,699)	\$ (307,313)	n/a				
5 \Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate	e) \$ (64,503) \$ (71,038) \$	(78,493)	(87,109)	(96,792)	\$ (107,508)	\$ (118,546)	n/a				
6. Average Accumulated DTA		\$ (67,771)	\$ (74,766) \$	(82,801) \$	(91,951)	\$ (102,150)	\$ (113,027)					
7. Carrying Costs on DTA (c)								-				
a. Equity Component (a)		(370)	(409)	(452)	(502)	(558)	(618)	(3,204)				
b. Equity Comp. grossed up for taxes (b)		(603)	(665)	(737)	(818)	(909)	(1,005)	(5,216)				
c. Debt Component		(110)	(122)	(135)	(150)	(166)	(184)	(954)				
8. Total Return Requirements (Line 7b + 7c)		(713)	(787)	(671)	(967)	(1,075)	(1,189)	(6,170)				
9. Total Return Requirements from most recent Projections		-		-	-	-	-	-				
10. Difference (Line 8 - Line 9)		\$ (713)	\$ (787) \$	(871) \$	(967)	\$ (1,075)	\$ (1,189)	\$ (6,170)				

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(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equility) and 0.001626 (Debt), which results in the annual rate of 8.848%. (d) Other adjustment represents the monthly debt component carrying costs that is a permanent difference and therefore not included in the DTA calculation.

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Sched	le SS-3B		e Selection (unty Nuclear Fi Costs and Carry Instruction Per	ring Costs				[Section (4)] [Section (8)(d)]
FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080149 - EI				calculation of the calculation o					For the Year Ended 12/31/2007 Witness: Lorí Cross
Line No.		(A) Beginning of Period	(B) Actual January	(C) Actual 7 February		(É) Actual April	(F) Actual May	(G) Actual June	(H) 6 Month Total
1.	Beginning Balance		5	- \$ -	Jurisdictional \$-	S -	s -	\$ -	
'. 2.	Additions Preconstruction				-	-			
3.	Additions Construction							-	
4.	Other Adjustments				-	-	-	-	
5.	Ending Balance Excluding CPI	<u> </u>	\$	- \$ -	<u>\$</u> -	<u>s</u> -	ş .	\$	`````````````````````````````````
6.	Average Balance Eligible for CPI				-	-		-	
7	Monthly CPI Rate [Note 1]								
8.	Construction Period Interest for Tax (CPI)	<i>v</i>	5	- \$ -	\$-	<u>s</u> –	\$-	\$-	\$ -

Note 1: CPI rate is the projected weighted average debt rate for the period.

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Note 2: This schedule for informational purposes only. In 2007 none of the costs being presented were considered under construction per tax and therefore no CPI was accrued.

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Sched	ule SS-3B			Selection (Costs	luclear Fill and Carryl Iction Perio						[Section (4 [Section (6	
FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: COMPANY: PROGRESS ENERGY - FL				Provide the Constructio year.	For the Year Ended 12/31/2007								
DOCK	ET NO.: 080149 - El											Witness: L	ori Cross
Line No.		(I Begir of Pe	-	(J) Actuai July	i	(K) Actuai August	(L) Actual Septemb	er	(M) Actual October	(N) Actual November	(O) Actual December	(P) 12 Mon Total	th
1.	Beginning Balance			\$	- \$	i -	\$	- \$	i -	S -	\$ -		
2.	Additions Preconstruction				-	-		-	-	-	-		-
	Additions Construction				-			-	-	-	-		-
	Other Adjustments				-	-		-	-	-	-		
i.	Ending Balance Excluding CPI	\$	-	\$	- 1	- 1	\$	- \$. -	\$ -	\$ -	<u> </u>	
i.	Average Balance Eligible for CPI				-	-		-	•	-	-		
,	Monthly CPI Rate [Note 1]												
8.	Construction Period Interest for Tax (CPI)		-	\$	- 1	. -	\$	- \$	i -	\$ -	\$	- Ş	-

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Note 1: CPI rate is the projected weighted average debt rate for the period. Note 2: This schedule for informational purposes only. In 2007 none of the costs being presented were considered under construction per tax and therefore no CPI was accrued.

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Levy County Nuclear Filing Site Selection Costs and Carrying Costs Actual Filing: Recoverable O&M Monthly Expenditures

Schedule SS-4

[Section (4)] [Section (8)(d)]

FLORIDA PUBLIC SERVICE COMMISSION

Provide the Actual CCRC Recoverable O&M monthly expenditures by function for the current year.

EXPLANATION:

COMPANY: PROGRESS ENERGY - FL

DOCKET NO.; 080149 - EI

For the Year Ended 12/31/2007

Witness:	Lori	Cross	

Line No.	Description	(A) Actual January	(B) Actua Februa	al 🛛	(C) Actual March	(D) Actua April		(E) Actual May	(F) Actua June		(G) Actual July	(H) Actuai August	(i) Actual Septembe	(J) Actual er October	(K) Actual November	(L) Actual December	(M) 12 Month Total
<u>NO.</u>	Description	January	FUUL	ry	March	- Арт		May	JUIN9		July	August	Septembe		NOAGUIDAI	December	. 10.81
1	Accounting	5 -	\$	- 4	- 6	\$	- \$	-	\$	- \$	-	S -	\$-	s -	\$-	\$-	\$ -
2	Corporate Communications	-		-	-		-	-		-	-	-	-	-	-	-	-
3	Corporate Planning	-		-	-		•	-		-	-	-	-	-	-	-	-
4	Corporate Services	-		-	-		•	-		-	-	-	-	-	•	•	•
6	External Relations	-		-	-			-		-	-	-	-	-	-	-	-
6	Human Resources	-		-	-		-	•		-	-	-	-	o -	- 146,827	- 144	146,971
	IT & Telecom	-		-	-		-	-		-	-	-		0 L 0 C		144	140,971
8	Legal	-		-	-		•	-		-	-	-	4,98	• •		15,740	59,813
8	Project Assurance	-		•	•		•	•		•	•	-		0 11,907	• ·	10,740	09,013
10 11	Public Affairs Subtolal A&G	-		•	-		-	•		-	-	•	4,98			15.884	206,784
		-		-	-		-	-		•	-	-	4,90	11,901	174,000	10,004	200,704
12	Energy Delivery Florida Nuclear Generation	-		-	•		•	•		•	-	-	-	-	•	-	-
13 14 ,	Nuclear Generation Transmission			· .	35,509		· .	21,355		· •	-			5 143,136	\$ 0.805	s 294,278	\$ 501.083
14 \	Total O&M Costs	\$ -	\$		35,509		- \$	21,355		- 5	-	3 -	\$ 4,98		\$ 180,811		
16	Jurisdictional Factor (A&G)	0.9167	0.9	1670	0.91670) 0.6	91670	0.91670	0.91	670	0.91670	0.9167	0.916	70 0.9167	0 0.91670	0,91670	0.91670
17	Jurisdictional Factor (Distribution)	0,9959	7 0.9	9597	0.99597	. 0.8	99597	0.99597	0.99	597	0.99597	0.99593	0,995	97 0.9959	7 0.99597	0.99597	0.99597
18	Jurisdictional Factor (Nuclear - Production - Base)	0.9375	3 0.9	3753	0.93753	0.9	3753	0.93753	0.93	753	0.93753	0.9375	0,937	53 0.9375	3 0.93753	0.93753	0.93753
19	Jurisdictional Factor (Transmission)	0.7059	7 <u>0.7</u>	0597_	0.70597	0.	0597	0,70597	0,70	597	0.70597	0,7059	7 0,705	97 0.7059	7 0.70597	0.70597	0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	s -	\$	- (; -	\$	- \$	-	s	- \$	-	s -	\$ 4,57	2 \$ 10,915	\$ 159,511	\$ 14,561	\$ 189,559
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)		- a - *	-	-		•	-		-	-	-	-	-	•	•	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Ling 13 X Line 1	1 -		-	-		•	-		-	-	-	-	-	-	•	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	<u>s</u> -	\$	- :	25,068		- \$	15,076		- 5	-	<u>s -</u>	<u>s -</u>	\$ 101,050			
24	Total Jurisdictional Recoverable O&M Costs	<u> </u>	\$	-	25,068	\$	- \$	15,076	\$	- \$		<u>s</u>	\$ 4,57	2 \$ 111,965	\$ 164,315	\$ 222,312	\$ 543,308
25	Average Monthly Recoverable O&M Balance	s -	\$	- :	12,534	\$ 25	i 123 \$	32,771	\$ 40,4	\$	40,630	\$ 40,808	\$ 43,27	9 \$ 101,740	\$ 240,294	\$ 434,557	
26	Monthly Short-term Commerical Paper Rate	0.449	i 0.	44%	0.44%		.44%	0.44%	0.4	14%	0.44%	0.45%	0.45	% 0.419	6 0.40%	0.41%	•
27	Interest Provision	\$ -	\$	- 1	55	\$	110 \$	144	\$	78 \$	178	\$ 185	\$ 19	3 \$ <u>4</u> 14	\$ 949	\$ 1,760	\$ 4,165
28	Total Monthly Recoverable O&M Costs	<u>s</u> -	\$	- \$	25,123	\$	110 \$	15,220	\$	178_\$	178	\$ 185	\$ 4,76	4 \$ 112,378	\$ 165,265	\$ 224,072	\$ 547,473
29	Total Jurisdictional O&M Costs From Most Recent Projection	-		-			•	-		-	-	-	-	-	-	-	-
30	Difference (Line 28 - 29)	\$	s		25,123	\$	110 \$	15,220	\$	178 \$	178	\$ 185	\$ 4,76	4 \$ 112.379	\$ 165,265	\$ 224.072	\$ 547,473

Page 1 of 1

Levy County Nuclear Filing Site Selection Costs and Carrying Costs

Actual Filing: Other Recoverable O&M Monthly Expenditures

Schedule	SS-5		Act	ual Fillng	: Other Red	overable C	08M Mc	onthly E	Expenditu	res					[Section (4) [Section (8)	
FLORIDA	PUBLIC SERVICE COMMISSION	EXPL	ANATIO)N:		e Actual Oth xpenditures										
COMPAN	Y: PROGRESS ENERGY - FL				monuty t	xpenuliures	by lunct		ie current y	3 81 .				For the Yea	ar Ended 12/3	31/2007
DOCKET	NO.: 080149 - El													Witness: Lo	ori Cross	
Line			A) tuai	(B) Actual	(C) Actual	(D) Actual		E) :tual	(F) Actual	(G) Actual	(H) Actual	(I) Actual	(J) Actual	(K) Actual	(L) Actual	(M) 12 Month
No. D	escription	Ja	uary	February	March	April	M	lay	June	July	August	September	October	November	December	Total
1	Accounting	s	-	s -	s -	s -	2	-	s -	s -	s -	s -	s -	s -	s -	s -
2	Corporate Communications	•	_	•	• .	•	•	_	• -	•	• -	• -	• •	• -	•	•
3	Corporate Planning		_	_	_	_		_	-	-	-	-	-	-	-	
4	Corporate Services		_	_		_		-	_	-	-	-	-	-	-	-
Ē	External Relations		_	_				_	_	_	-	-	_	_	-	-
0	Human Resources		-	-	-	-		-								
7	IT & Telecom		-	-	-	-		-	_	-	-	-		-	-	-
8			-	-	-	-		-	-	-	-	-	-	-	-	-
-			-	-	-	-		-	-	-	-	-	-	-	-	-
9	Project Assurance		-	-	-	-		-	-	-	-	-	-	-	-	-
10	Public Affairs		-	-	-	-		-	-	-	-	-	-	-	-	-
11 .	Subtotal A&G		-	-	-	-		-	-	•	-	-	-	-	-	-
12	Energy Delivery Florida		-	-	-	-		-	-	•	-	-	-	-	-	-
13 \	Nuclear Generation	_	-	. •	-	-	-	-	· ·					-		
14	Transmission	\$	-	<u>s -</u>	<u> </u>	<u> </u>	\$	-	\$ -	\$-	<u> </u>	<u>\$</u> -				
15	Total O&M Costs	\$	-	\$ -	\$ -	\$ -	\$	-	\$ -	\$-	\$ -	ş -	\$-	\$ -	\$ -	\$ -
16	Jurisdictional Factor (A&G)	().91670	0.916	70 0,916	70 0.916	70 0	91670	0.91670	0.9167	0.9167					
17	Jurisdictional Factor (Distribution)).99597	0.995	97 0,995	97 0,995	97 C	99597	0.99597	0.9959	0.9959	0.99597				
18	Jurisdictional Factor (Nuclear - Production - Base)		.93753	0.937	53 0.937	53 0.937	53 C	.93753	0.93753	3 0.93753	3 0.9375	3 0.93753	0.9375	3 0.9375	3 0.93753	
19	Jurisdictional Factor (Transmission)		0.70597	0.705	97 0.705	97 0.705	97 . 0	.70597	0.70597	7 0,7059	7 0,7059	0.70597	0.7059	7 0.7059	7 0.70597	0.705
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$	-	s -	\$ -	\$ -	\$	-	\$ -	\$ -	\$-	\$ -	\$ -	\$ -	\$ -	\$ -
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	•	-	· .				-	-	-	-	-	-	-	-	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line)	-	-	-	-		-	-	-	-	-	-	-	-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	5	-	s -	s -	s -	\$	-	s -	s -	S -	s -	s -	\$ -	\$ -	s -
24	Total Jurisdictional Recoverable O&M Costs	\$	-	\$ -	\$ -	<u> </u>	Ś	. <u>-</u>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Total Jurisdictional O&M Costs From Most Recent Projection	\$	-	\$ -	\$ -	\$ -	\$	-	\$ -	\$-	\$ -	s -	\$ -	\$ -	\$ -	\$ -
26	Difference (Line 24 - 26)	\$		s -	S -	<u>s</u> -	ŝ	-	\$ -	s -	s -	s -	s -	\$ -	\$ -	\$ -

Note 1: This schedule provided for informational purposes only. These costs were not tracked in this manner in 2007.

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Schedule SS-6			_	Site Se		s and	lear Filing d Carrying Co y Expenditure									ection (4)] ection (8)(d)]		
FLORIDA PUBLIC SERVICE COMMISSION			EXF	PLANATION:				onthly expenditure	es by major tasks	performed								
					,	withi	n Site Selection	category.							Fo	r the Veer End	led 12/31/2007	
COMPANY: PROGRESS ENERGY - FL															ги		IGQ 12/31/2007	
DOCKET NO.: 080149 - EI															Wi	tness: Lori Cro	55	
<u>_</u>		(A)		(8)	(Ĉ)		(D)	(E)	(F)	(G)	(H)		()	(L)		(K)	(L)	(M)
Line		Actual		Actual	Actual		Actual	Actual	Actual	Actual	Actual	-	Actual	Actual October		Actual November	Actual December	12 Month Total
No. Description		January)	February	March		April	May	June	July	August	Se	ptember	October		November	December	I Orai
1 2 3 3 4 Site Selection: 5 Generation: 6 License Application 7 Engineering, Design & Procurement 8 Permitting 9 Clearing, Grading and Excavation 10 On-Site Construction Facilities 11 Total Generation Costs 12 Less Adjustments; 13 Non Cash Accruais 14 Other 15 Net Generation Costs 16 Jurisdictional Factor 17 Trailer	\$ \$ \$	277,674 - - 277,674 121,430 (18,439) 174,683 0.93753	\$	530,026 \$ - - 530,026 \$ (340,912) (1,016,852) 1,887,790 \$ 0,93753	-	\$	1,973,080 \$ - - - 1,973,080 \$ 1,229,825 2,932,144 2,188,889) \$ 0.93753	4,283,412 \$ - - 4,283,412 \$ 92,326 - - 4,191,086 \$ 0.93753	1,846,881 \$ - - 1,846,881 \$ 183,913 - - 1,662,968 \$ 0.93753	\$	-	5	1,628,865 \$ 	1,672,606 - - - 1,672,606 679,620 - - - 992,988 0.9375	\$	3,171,782 3,171,782 1,337,566 1,834,216 0,93753	\$ 594,805 \$ - - \$ - \$ 594,805 \$ 2,215,551 \$ (1,620,745) \$ 0,93753	-
Total Jurisdictional Generation Costs	\$	163,770	\$	1,769,860 \$	439,599	\$	(2,052,149) \$	3,929,269 \$	1,559,083 \$	1,329,006 \$	1,236,138	\$	1,897,123 \$	930,954	\$	1,719,632	\$ (1,519,497) \$	11,402,789
20 <u>Transmission:</u> 21 Line Engineering 22 Substation Engineering 23 Clearing	\$	-	\$	- \$ - -	-	\$	19,726 \$ - -	170,189 \$ - -	49, 444 \$ - -	23,958 \$ -	-	\$	465,349 \$ 5,880 -	150,923		6,506	\$ 418,620 \$ 8,124 -	171,433
24 Other	5	<u> </u>	\$	- \$	23,320	5	9,331 \$	23,441 \$		21,639 \$		<u>\$</u>	(13,766) \$			67,873	\$ 240,509 \$	
25 Total Transmission Costs 26 Less Adjustments:	\$	-	\$		25,675	\$	29,057 \$	193,630 \$	59,574 \$	45,597 \$	292,604	5	457,463 \$	590,866	2	187,268	\$ 667,253 \$	2,548,987
27 Non Cash Acoruais		٥		0	653		12,060	53,280	(30,790)	(17,478)	43,408		140,063	373,783		(201,481)	231,031	8 04,529
28 Other 29 Net Transmission Costs	e	<u>.</u>	e		25,022	¢	16,997 \$	140,350 \$	90,364 \$	63.075 \$	249,196	•	317,400 \$	217.083		388,749	\$ 436,222 \$	1,944,458
29 Net Fransmission Cossis 30 Juriedictional Factor 31	*	0.70597		0.70597	0.70597	•	0.70597	0.70597	0.70597	0.70597	0.70597	¥	0.70597	0.70597		0.70597	0.70597	0.7059
32 Total Jurisdictional Transmission Costs 33	\$	-	\$	- \$	17,665	\$	11,999 \$	99,083 \$	63,794 \$	44,529 \$	175,925	\$	224,075 \$	153,254	\$	274,445	\$ 307,960 \$	1,372,729
34 Total Jurisdictional Site Selection Costs 35	\$	163,770	\$	1,769,860 \$	457,264	\$	(2,040,150) \$	4,028,352 \$	1,622,877 \$	1,373,535	1,412,063	<u>\$</u>	2,121,198 \$	1,084,209	\$	1,994,077	\$ (1,211,538) \$	12,775,518

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Schedule SS-6A	Levy County Nuclear Filing Site Selection Costs and Carrying Costs Actual Filing: Monthly Expenditures	[Section (4)] [Section (8)(d)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide a description of the major tasks performed within Site Selection category for the current year.	For the Year Ended 12/31/2007
DOCKET NO.: 080149 - El		Witness: Lori Cross
Line No. Major Task	Description - Includes, but is not limited to:	
Site Selection Generation: License Application Engineering & Design Permitting Clearing, Grading and Excavation On-Site Construction Facilities	Detailed on-site characterization for geological and environmental analysis, NRC Review fees, transmission deliverability analysis, etc. Engineering & Design associated with the Site Layout, Power Block and Non-Power Block facilities. Obtain required permits for new plant (i.e. site certification permits, environmental permits, etc.) Clearing, grading, excavation, backfill, onsite disposal, drainage and erosion control. Construction park lots, laydown areas and access roads. Includes the installation of warehouses necessary during construction (electrical shop, carpenter shops, etc.), construction power and lighting.	
9 <u>Transmission:</u> 10 Line Engineering 11 Substation Engineering 12 Clearing 13 \ 14 Other	Internal engineering labor, contracted engineering labor, survey and all other costs associated with engineering transmission lines. Internal engineering labor, contracted engineering labor and all other costs associated with substation and protection and control (relay) engineering Contracted costs associated with clearing acquired ROW for the construction of transmission lines, costs associated with building access roads to construction, operating and maintenance of transmission lines. Project Management, overhead costs and other miscellaneous costs associated with transmission pre-construction.	
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Schedule SS-68		Levy County N Site Selection Cost Actual Filing: Varia	s and Carrying Costs		[Section (4)] [Section (8)(d)]
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL	EXPLA	ex	ovide annual variance explanations c penditures to the most recent projecti d with the Commission.		For the Year Ended 12/31/2007
DOCKET NO.: 080149 - El	(A) Total	(B) Total	(C) Total	(D)	Witness: Lori Cross
<u>No.</u>	Actual/Estimated	Projected	Variance	Explanation	
1 <u>Site Selection:</u> 2 <u>Generation;</u> 3 License Application	\$ 20,536,898	\$ -	\$ 20,536,898	Note 1	
Engineering & Design Permitting Clearing, Grading and Excavation On-Sile Construction Facilities	-	-	-	Note 1 N/A N/A Note 1	
8 Total Generation Costs 9 10 <u>Transmission:</u> 11 Line Engineering	\$ 20,536,898 \$ 1,511,538	<u>s -</u>	\$ 20,536,898 \$ 1,511,538	Note 1	
12 Substation Engineering 13 Clearing 14 Other	3 1,511,555 171,433 - 866,016	• - -	• 1,511,556 171,433 -	Note 1 N/A	

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Note 1: No costs were projected due to the fact that Progress Energy (PEF) has never filed a projection to date.

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Schedule SS-7	Actu	ual Filing: Technology Selected	[Section (4)] [Section (8)(d)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Provide a description of the nuclear technology selected that includes, but is not limited to, a review of the technology	
COMPANY: PROGRESS ENERGY - FL		and the factors leading to its selection.	For the Year Ended 12/31/2007
DOCKET NO.: 080149 - EI			Witness: Daniel Roderick

Progress Energy Inc. Florida ("PEF") performed a methodical, detailed quantitative and qualitative evaluation of commercially available advanced reactor technologies. PEF issued RFPs to the three vendors that had advanced reactor designs: General Electric ("GE"); Westinghouse; and Areva, for the GE Economic Simplified Boiling Water Reactor ("ESBWR"), the Westinghouse AP-1000 advanced passive pressurized water reactor, and the Areva European Pressurized Reactor ("EPR"), respectively. PEF completed a thorough and extensive evaluation of the vendor proposal responses associated with technical and operational requirements for licensing, design, construction, and capability input by the vendors. Following nearly a year of detailed evaluation, PEF initially selected the Westinghouse AP-1000 design as the best advanced technology for PEF. Since the preliminary selection of the Westinghouse AP-1000 design in January 2006, PEF continued to monitor industry changes, advanced reactor technology developments, and other information that might affect PEF's technology selection, or the assumptions PEF used in its initial analysis. The Westinghouse AP-1000 design is a standardized, advanced passive pressurized water nuclear reactor. It is an advanced generation nuclear technology that employs "passive" rather than traditional "active" safety systems. In other words, the design uses gravity and natural recirculation of air and water in emergency situations that do not require engines or pumps to power key safety systems. The result is an extremely safe and much simpler design that requires significantly less cable, pumps, valves, and other equipment than existing nuclear power reactors. In addition, PEF is still in negotiations with the Consortium on the terms and conditions of an acceptable EPC contract, including price structure. PEF expects to finalize and execute the EPC contract by the end of 2008.

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Sch	edule SS-8					· · · · · · · · · · · · · · · · · · ·		Nuclear Filing election			
col	RIDA PUBLIC MPANY: Progre CKET NO.: 080	ess Enegy Flo		EXPLANAT	ION:	including, a de and term of the	escription of the v e contract, the m d affiliation of the	uted in excess of \$1 work, the dollar value ethod of vendor sele a vendor, and curren	ection,	For the Year Ended 12/31/2007 REDACTED	
				1		or the contract	•			Witness: Daniel Roderick/Dale Oliver	
Line	(A)	(B)	(C) Original Term of	(D) Current Term of	(E) Original	(F) Actual Expended as of Prior Year		(H)	(1)	(L)	(K)
	Contract No.	Contract	Contract	Contract	Amount	End (2006)	(2007)	Contract Amount	Name of Contractor (and Affiliation if any)	Method of Selection	Work Description
	00003382- 00128	Issued					()		Westinghouse Electric Co. LLC.	Sole Source. Award based on selected vendor from the technology selected	Levy Price Finalization support
	2 00300968- 00004	Issued							Stone & Webster Inc.	Sole Source. Award based on selected vendor from the technology selected	Levy Price Finalization support
	00300968- 00002	issued '							Stone & Webster Inc.	Sole Source. Award based on selected vendor from the technology selected	Levy Phase 1A - Conceptual Design and site characterizatio n
		<u>,</u>									
4	00255934- 00002	issued							Joint Venture Team (Sargent & Lundy, CH2M Hill, & Worley Parsons) - 00255934-00003)	RFP. Competitive Bid & Evaluation process. Low Cost bidder accepted.	Combined Operating License Application (COLA) preparer
5	00080678- 00111	issued							Golder Associates Inc.	Sole Sourced	LNP Transmission Corridor Study
	00262141- 00003	Issued							Power Engineers Inc.	Sole Sourced	Line and Substation Design Study Support
7	00255934- 00003	lssued							Joint Venture Team (Sargent & Lundy, CH2M Hill, & Worley Parsons) - 00255934-00003)	RFP. Competitive Bid & Evaluation process. Low Cost bidder accepted.	Levy Site Certification Application

Note: Original amount for contract nbr. 00255934-00002 reflects cost of COLA prior to final site selection work being completed.

Note 1: Method of Selection column should specify: (1) Lease, Buy or Make Considerations for goods (or) In house or external for resources. Note 2: Method of Selection column should (2) RFP or Sole Source.

Note 3: Method of Selection column should specify (3) Lowest Cost Bidder Accepted/Not Accepted.

Schedule SS-8A

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

Progress Energy - FL DOCKET NO.: 080149 - El EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2007 REDACTED

Witness: Daniel Roderick/Dale Oliver

Contract No.: 00003382-00128

Major Tasks or Tasks Associated With: Activities necessary to determine and document detailed costs associated with the Levy Nuclear Plant (LNP) standard plant. These are all planning activities and do not include actual design or construction activities.

Vendor kientity: Westinghouse Electric Company LLC.

Vendor Affiliation (specify 'direct' or 'indirect'): Direct

Number of Vendors Solicited: One, due to Westinghouse being the sole vendor for the reactor technology selected.

Number of Bids Received: A proposal was submitted by Westinghouse LLC.

Brief Description of Selection Process: Upon receipt of proposal, New Plant Development (NPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract regulsition was developed by NPD Project Controls. The regulsition documents final agreed upon scope, schedule, cost, and established project controls. The regulsition is approved by the appropriate level of Progress Energy Management. Once the contract regulsition is approved, a formal contract can be issued.

Dollar Value:

Contract Status: Issued

<u>Term Begin</u> <u>Term End:</u>







Page 1 of 7

Schedule SS-8A

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

Progress Energy - FL DOCKET NO.: 080149 - El

Contract No .: 00300968-00004

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2007 REDACTED

Witness: Daniel Roderick/Dale Oliver

Major Tasks or Tasks Associated With: Activities necessary to determine and document detailed costs associated with the Levy Nuclear Plant (LNP) site specific systems and buildings. These are all planning activities and do not include actual design or construction activities.

Vendor Identity: Stone and Webster Inc.

Vendor Affiliation (specify 'direct' or 'indirect'): Direct

Number of Vendors Solicited; One, due to Westinghouse being the sole vendor for the reactor technology selected. Stone & Webster is Westinghouse contracted engineering and construction partner.

Number of Bids Received: A proposal was submitted by Stone and Webster Inc.

Brief Description of Selection Process: Upon receipt of proposal, New Plant Development (NPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract requisition was developed by NPD Project Controls. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition is approved by the appropriate level of Progress Energy Management. Once the contract requisition is approved, a formal contract can be issued.

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Dollar Value:	l	
<u>Contract Status:</u> issued		
<u>Term Begin:</u> Term End:		

Nature and Scope of Work:

Page 2 of 7

Schedule SS-8A

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

Progress Energy - FL DOCKET NO.: 080149 - El

Contract No.: 00300968-00002

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2007 REDACTED

Witness: Daniel Roderick/Dale Oliver

<u>Major Tasks Associated With</u>: The project management and conceptual engineering activities to require further characterization of the Levy site by performing geotechnical evaluations, regional infrastructure studies, early procurement requirements, preliminary construction plan development, COLA development interfacete, and development of the site specific schedule.

Vendor Identity; Stone and Webster Inc.

Vendor Affiliation (specify 'direct' or 'indirect'): Direct

Number of Vendors Solicited: One, due to Westinghouse being the sole vendor for the reactor technology selected. Stone & Webster is Westinghouse contracted engineering and construction partner.

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Number of Bids Received: A proposal was submitted by Stone and Webster Inc.

<u>Brief Description of Selection Process</u>; Upon receipt of proposal, New Plant Development (NPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract regulsition was developed by NPD Project Controls. The regulsition documents final agreed upon scope, schedule, cost, and established project controls. The regulsition is approved by the appropriate level of Progress Energy Management. Once the contract regulsition is approved, a formal contract can be issued.

Dollar Value:



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Contract Status: Issued

Term Begin: Term End:



Nature and Scope of Work: Activities related to completing detailed estimates for site specific buildings, systems and components, and studies and evaluations in support of determining the overall site specific plant cost.

Page 3 of 7

Levy County Nuclear Filing Site Selection Schedule SS-8A FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, COMPANY: For the Year Ended 12/31/2007 Progress Energy - FL brief description of vendor selection process, and current status REDACTED DOCKET NO .: 080149 - EI of the contract. Witness: Daniel Roderlck/Dale Oliver Contract No.: 00255934-00002

<u>Malor Tasks Associated With</u>: activities associated with providing engineering, environmental, and licensing services to support of Combined Operating License Application (COLA) development for a new greenfield site in Florida.

Vendor Identity: Joint Venture Team - Sargent & Lundy, CH2M Hill, & Worley Persons

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited: Six

Number of Bids Received: Six

Brief Description of Selection Process: An RFP was completed for COLA Application preparation and sent to vendors. The next step required New Plant Development to assemble a review team and complete a detailed evaluation of the proposals. Vendors were evaluated and scored on the following criteria: Corporate Experience, Team Experience, Technical Plan, and Financial. This evaluation has been formally documented. Once the vendor was selected, a contract was prepared and approved and a pre-award meeting was held prior to starting work on the project.

Dollar Value:

Contract Status: Issued

<u>Term Bealn:</u> <u>Term End:</u>

Nature and Scope of Work:

Provide engineering, environmental, and licensing services in support of COLA development. Major tasks include:

Task 1 - Prepare License Application and associated General & Admin. Information

- Task 2 Perform site investigation, including necessary soil borings and constructing a meteorological tower to gather weather information.
- Task 3 Prepare Chapter 2 of FASR in accordance with applicable regulatory requirements including meteorological, geological, geotechnical, and seismological sections.
- Task 4 Prepare Environmental Report in accordance with applicable regulatory requirements, including site ecological investigations. Prepare Emergency Plan in accordance with applicable regulatory requirements,
- Task 5 Prepare FSAR Chapters 4, 5, 6, 7, and 12 in accordance with applicable regulatory requirements.
- Task 6 Prepare FSAR Chapters 13, 14, and 16 in accordance with applicable regulatory requirements.
- Task 7 Prepare FSAR Chapters 1, 3, 8, 17, 18, & 19in accordance with applicable regulatory requirements.
- Task 8 Prepare FSAR Chapters 9, 10, 11, & 15 in accordance with applicable regulatory requirements.
- Task 9 Prepare fire protection program, inspection programs, other programs, the security plan and quality assurance plan in accordance with applicable regulatory requirements.

Task 10 - Prepare conceptual designs for various plant systems.

Task 11 - Project Management support for all COLA preparation activities.

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Schedule SS-8A

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

Progress Energy - FL DOCKET NO.: 080149 - El

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2007 REDACTED

Witness: Daniel Roderick/Dale Oliver

Contract No.: 00080678-00111

<u>Malor Task or Tasks Associated With</u>: activities associated with providing environmental, line corridor selection studies, and licensing services in support of Site Certification Application (SCA) and Combined Operating License Application (COLA) development for transmission facilities to support a new greenfield site in Florida.

These are all planning activities and do not include actual design or construction activities.

Vendor Identity; Golder Associates Inc.

Vendor Affiliation (specify 'direct' or 'indirect'): Direct

Number of Vendors Solicited; One

Number of Bids Received: A proposal was submitted by Golder Associates Inc.

Brief Description of Selection Process: Upon receipt of proposal, Supply Chain and company management representatives reviewed the proposal's technical scope, schedule, and cost. A single source justification memo was prepared and approved based on the vendor's involvement since inception of the project and their ability to meet the required schedule requirements, a contract requisition was developed by Transmission Ops and Planning Project Support. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition was approved by the appropriate level of Progress Energy Management. Once the contract requisition was approved, a formal Work Authorization was issued.

Dollar Value:

<u>Term Begin:</u>

Term End:

Contract Status: Issued



Nature and Scope of Work: Provide environmental, line corridor selection studies, and licensing services in support of SCA and COLA development including:

Task 1 - Corridor Routing Study

Task 1a - Public Involvement

Task 2 - Preparation of applicable sections of the SCA

Task 3 - Certification Support and Hearings/Expert Testimony/Hearing Support/Agency Meetings/Outreach

Task 4 - Preparation of applicable sections of the NRC COLA

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Schedule SS-8A

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

Progress Energy - FL DOCKET NO.: 080149 - EI

Contract No.: 00262141-00003

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2007 REDACTED

Witness: Daniel Roderick/Dale Oliver

<u>Maior Task or Tasks Associated With</u>: Activities associated with providing conceptual substation engineering and routing study services in support of transmission facilities to support a new greenfield site in Florida.

There all planning activities and do not include actual design or construction activities.

Vendor Identity: Power Engineers Inc.

Vendor Affiliation (specify 'direct' or 'indirect'): Direct

Number of Vendors Solicited: One

Number of Bids Received: A proposal was submitted by Power Engineers Inc.

Brief Description of Selection Process: A contract requisition was developed by Transmission Ops and Planning (TOPS) Project Support. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition was approved by the appropriate level of Progress Energy Management. Once the contract requisition was approved, a formal Work Authorization was issued.

Dollar Value:



Contract Status: Issued

<u>Term Begin:</u> <u>Term End:</u>



Nature and Scope of Work: Provide conceptual substation engineering and line route study services in support of transmission facilities including:

- Preparation of preliminary substation design criteria and layout work

- Preparation of preliminary transmission line corridor layout work

- For each of the substations, prepare conceptual drawings/site plans

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Schedule SS-8A

FLORIDA PUBLIC SERVICE COMMISSION

COMPANY:

Progress Energy - FL DOCKET NO.; 080149 - El

EXPLANATION: Provide additional details of contracts executed in excess of \$1 million including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status of the contract.

For the Year Ended 12/31/2007 REDACTED

Witness: Daniel Roderick/Dale Oliver

Contract No.: 00255934-00003

Major Task or Tasks Associated With: activities associated with developing the Site Certification Application for the Levy Plant. The application will be submitted to the Florida Department of Environmental Protection.

Vendor Identity: Joint Venture Team - Sargent & Lundy, CH2M Hill, & Worley Parsons

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited: 1

Number of Bids Received: 1

Brief Description of Selection Process: This authorization is closely tied to the Levy COLA Environmental Report. An Impact Evaluation was submitted to document project scope, schedule, cost, and risk. The Impact evaluation is challenged with technical, QA, and financial reviews prior to approval. The approved impact evaluation is incorporated into a new work authorization.

Dollar Value:

Contract Status: Issued

<u>Term Begin:</u> Term End:

Nature and Scope of Work:

Provide engineering, environmental, and licensing services in support of Site Certification Application development. Major tasks include:

Task 1 - Site Characterization

- Task 2 Plant & Associated Facilities
- Task 3 Construction Impacts
- Task 4 Operational Impacts
- Task 5 Economic and Social Effects
- Task 6 Electrical Transmission Lines
- Task 7 Need for Power
- Task 8 Site & Design Alternatives

Page 7 of 7

Schedule SS-8B

COMPANY:

Levy County Nuclear Filing Site Selection

Contracts Executed

FLORIDA PUBLIC SERVICE COMMISSION

Progress Energy - FL

DOCKET NO.: 080149 - EI

EXPLANATION: Provide a list of contracts executed in excess of \$200,000 including: vendor identity, product or service, term begin, term end and dollar value.

For the Year Ended 12/31/2007

REDACTED Witness: Daniel Roderick/Dale Oliver

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	(A)	(B)	(C)	(D)	(E)	
Lìne	Vendor	Product or	Tentt	Term	Dollar	
No.	Identity	Service	Begin	End	Value	
		Staff Augmentation Engineering Support				
2	Navigant Consulting - 243405	Transmission Delivery Analysis				
3	Enercon - (00008133- 026)	Florida Site Selection for New Nuclear Plant				
	Stone & Webster Inc 00300968-00001	Study/Action Plan Supporting New Nuclear Plant Development				
5	ABB, Inc00031624- WA 001 Amend 01	Levy Transmission Study				
	Energy Serv & Prod Corp - 000253343- 00001	Line Design Engineering Suppor				
	Golder Associates Inc - 00118130 (Amend. 023 & Amend. 029)	Transmission Line Route Studies				
8	TRC Engineers LLC	Transmission Planning Study				

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SCHEDULE APPENDIX REDACTED

EXHIBIT (LC-5)

PROGRESS ENERGY FLORIDA, INC. Levy County Nuclear Filing COMMISSION SCHEDULES (SS-1 Through SS-8B AND SS-10)

JANUARY 2008 - DECEMBER 2008 2008 SITE SELECTION DOCKET NO. 080149-EI

A	Levy C Site Selection ctual/Estimated Filing:		arrying Cost		ary			[Section (4)]	
Schedule SS-1								[Section (8)(d)]	
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION:		alculation of f						
COMPANY: PROGRE\$S ENERGY - FL		expenditures		nt year and t		y filed		For the Year En	ded 12/31/2008
DOCKET NO.: 080149 - El				-				Witness: Lori Ci	OSS
Line No.	<u> </u>	(A) Actual January	(B) Actual February	(C) Actual March	(D) Projected April	(E) Projected Mav	(F) Projected June	(G) 6 Month Total	<u> </u>
				urisdictional					
1. Site Selection Revenue Requirements (Schedule S	S-2, line 7)	\$ 2,331,788	\$ 3,242,712	5 2,177,684	\$ 9,077,351	\$ 352,559	\$ 355,059	\$ 17,537,153	
2. Construction Carrying Cost Revenue Requirement	5	•	-	-	-	-	-		
3. Recoverable O&M Revenue Requirements (Sched	ule SS-4, line 28)	37,615	66,485	17,728	292	293	294	122,708	
4. Deferred Tax Asset Carrying Cost (Schedule SS-3A, lir	e 8)	(60)	(188)	(334)	(506)	(712)	(934)	(2,733)	
5. Other Adjustments		-		-	-	-		-	
6. Total Period Revenue Requirements (Lines 1 though 5)		2,369,343	3,309,009	2,195,079	9,077,138	352,140	354,419	17,657,128	
7. Prior Period January - December 2006 Revenue R	equirements	-	•	-	11,287	211,044	(10,772)	211,559	
8. Prior Period January - December 2007 Revenue R	equirements	201,358	1,817,860	542,410	(1,987,954)	4,106,451	1,716,061	6,396,186	
9. Total Revenue Requirements as of December 200	8	\$ 2,570,702	\$ 5,126,869	2,737,488	\$ 7,100,471	\$ 4,669,635	\$ 2,059,708	\$ 24,264,874	

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Sched	Site Selection Actual/Estimated Filing	on Costs and C g: Retail Reven	• -		nary			[Section (4)] [Section (8)(c	<u>)]</u>
		N: Provide the o total retail re	venue requir	ements base	d on actual	54 - 4			
COMF	ANY: PROGRESS ENERGY - FL	expenditures expenditures		*	he previous	y filed		For the Year	Ended 12/31/2008
DOCK	ET NO.: 080149 - El							Witness: Lori	Cross
Line No.		(H) Projected July	(I) Projected August	(J) Projected September	(K) Projected October	(L) Projected November	(M) Projected December	(N) 12 Month Total	
				Jurisdictional	Dollars			······································	<u> </u>
	Preconstruction Revenue Requirements (Schedule SS-2, line 7)	\$ 357,576	\$ 360,112	\$ 362,665	\$ 365,236	\$ 367,826	\$ 370,433	\$ 19,721,001	
	Construction Carrying Cost Revenue Requirements	-	-	-	-	-	-	-	
-	Recoverable O&M Revenue Requirements (Schedule SS-4, line 28)	294	295	296	297	297	298	124,485	
•	Deferred Tax Asset Carrying Cost (Schedule SS-3A, line 8)	(3,368)	(3,593)	(3,820)	(4,048)	(4,278)	(4,509)	(26,349)	
	Other Adjustments	-	-		-	-	-	-	
	Total Period Revenue Requirements (Lines 1 though 5)	354,503	356,814	359,141	361,485	363,845	366,222	19,819,137	
	Prior Period January - December 2006 Revenue Requirements	\$155,142	\$137,968	\$36,960	\$483,518	\$134,404	\$2,332,188	\$3,491,739	
	Prior Period January - December 2007 Revenue Requirements	\$1,482,624	\$1,536,517	\$2,269,620	\$1,358,037	\$2,338,030	(\$803,5 01)	\$14,577,513	
).	Total Revenue Requirements as of December 2008	1,992,269	2,031,298	2,665,721	2,203,040	2,836,279	1,894,909	37,888,389	

Levy County Nuclear Filing Site Selection Costs and Carrying Costs

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Schedule SS-2	Levy County Site Selection C Actual/Estimated Fi	Costs and C	arrying Cost					[Section (4)] [Section (8)(d)	I
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080149 - EI	EXPLANATION:	Provide the costs based for the curre for such cur		For the Year Ended 12/31/2008 Witness: Lori Cross					
Line No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Projected April	(E) Projected May	(F) Projected June	(G) 6 Month Total	
				Jurisdictiona	I Dollars				
1. Current Period Site Selection Expenses (Schedule SS-6	Line 34)	\$ 2,141,741	\$ 3,024,142	\$ 1,931,494	\$ 8,773,102	\$-	\$ -	\$ 15,870,478	
2. Prior Period Unrecovered Site Selection Balance	16,992,024	19,133,764	22,285,972	24,364,753	33,303,753	33,508,776	33,746,354		
3. Site Selection Expenses Recovered									
4. Average Balance Site Selection Expenses Eligible for Re	eturn	18,062,894	20,773,901	23,399,006	28,917,203	33,508,776	33,746,354		
5. Return on Average Net Unamortized CWIP Eligible for R	Return (c)								
a. Equity Component (a)		98,696	113,509	127,852	158,004	183,092	184,390	865,542	
b. Equity Comp. grossed up for taxes (b)		160,677	184,792	208,144	257,230	298,074	300,187	1,409,104	
c. Debt Component		29,370	33,778	38,047	47,019	54,485	54,872	257,572	
6. Total Return Requirements (Line 5b + 5c)		190,047	218,571	246,190	304,250	352,559	355,059	1,666,676	
7. Total Costs to be Recovered		2,331,788	3,242,712	2,177,684	9,077,351	352,559	355,059	17,537,153	
8. CWIP Additions, Amortization & Return from most recen	nt Projections	•	-		-			-	
9. Over / (Under) Recovery (Line 7 - Line 8)		\$ 2,331,788	\$ 3,242,712	\$ 2,177,684	\$ 9,077,351	\$ 352,559	\$ 355,059	\$ 17,537,153	

(b) Requirement for the payment of income taxes is calculated using a Federal income Tax rate of 38.575%. (c) AFUDC actual monthly rate is calculated using the formula M = [(1 + A/100)^{1/12-} 1] x 100; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%.

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Sched	ule SS-2		nty Nuclear Fil a Costs and Ca Filing: Site Se	arrying Cost					[Section (4)] [Section (8)(d)]		
COMF	RIDA PUBLIC SERVICE COMMISSION EXPLANATI		Provide the calculation of the actual true-up of site selection costs based on actual site selection expenditures for the current year and the previously filed expenditures for such current year.						For the Year Ended 12/31/2008 Witness: Lori Cross		
Line No.			(I) Projected July	(J) Projected August	(K) Projected September	(L) Projected October	(M) Projected November	(Ñ) Projected December	(O) 12 Month Total		
1.	Current Period Site Selection Expenses (Schedule SS-6 L Prior Period Unrecovered Site Selection Balance	ine 34)	\$.	\$ -	Jurisdictiona	\$ -	\$-	\$ -	\$ 15,870,478		
2. 3 <i>.</i> 4.	Site Selection Expenses Recovered Average Balance Site Selection Expenses Eligible for Return	In	33,985,615	34,226,573 34,226,573	34,469,240	34,713,627	34,959,746	35,207,611			
5.	Return on Average Net Unamortized CWIP Eligible for Re					. ,		. ,			
ł	 Equity Component (a) Equity Comp. grossed up for taxes (b) 		185,697 302,316	187,014 304,459	188,340 306,618	189,675 308,792	191,020 310,981	192,374 313,186	1,999,663 3,255,455		
6.	 Debt Component Total Return Requirements (Line 5b + 5c) 		55,261 357,576	55,652 360,112	56,047 362,665	56,444 365,236	56,845 <u>367,826</u>	57,248 370,433	3,850,524		
7. 8.	Total Costs to be Recovered CWIP Additions & Amortization from most recent Projection	ons	357,576	360,112	362,665	365,236	367,826	370,433	19,721,001		
9.	Difference (Line 7 - Line 8)		\$ 357,576	\$ 360,112	\$ 362,665	\$ 365,236	\$ 367,826	\$ 370,433	\$ 19,721,001		

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula M = [(1 + A/100)^{1/12-} 1] x 100; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%. Page 2 of 2

Levy County Nuclear Filing Site Selection Costs and Carrying Costs Actual/Estimated Filing: Deferred Tax Carrying Costs [Section (4)]										
Sche	tule SS-3A							[Section (8)(d)]		
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080149 - EI		EXPLANATION:	Provide the calculation of the Actual deferred tax Carrying Costs for the current year.							
									For the Year Ended 12/31/200	
					Witness: Lori Cross					
Line No.	<u></u>	(A) Beginning of Period	(B) Actual January		(D) Actual P March	(E) rojected P April	(F) rojected P May	(G) rojected June	(H) 6 Month Total	
				J	urisdictional	Dollars				
1.	Construction Period Interest (Schedule SS-3B, Line 5)		S -	\$-\$	- \$	- \$	- \$	- \$	-	
2.	Recovered Costs Excluding AFUDC (Schedule SS-2, Line 1+ Line 3)		-		-	-		-		
3.	Other Adjustments (d)		\$ (29,370)	\$ (33,778) \$	(38,047) \$	(47,019) \$	(54,485) \$	(54,872)	(257,572)	
4.	Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	\$ -	\$ (29,370)	\$ (63,149) \$	(101,195) \$	(148,215) \$	(202,700) \$	(257,572) \$	(802,201)	
5	Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate) <u>s</u> -	\$ (11,330)	\$ (24,360) \$	(39,036) \$	(57,174) \$	(78,192) \$	(99,358) n/	'a	
6.	Average Accumulated DTA		\$ (5,665)	\$ (17,845) \$	(31,698) \$	(48,105) \$	(67,683) \$	(88,775)		
7.	Carrying Costs on DTA (c)									
	a. Equity Component (a)		(31)	(98)	(173)	(263)	(370)	(485)	(1,419)	
	p. Equity Comp. grossed up for taxes (b)		(50)	(159)	(282)	(428)	(602)	(790)	(2,311)	
	c. Debt Component		(9)	(29)	(52)	(78)	(110)	(144)	(422)	
8.	Total Return Requirements (Line 7b + 7c)		(60)	(188)	(334)	(506)	(712)	(934)	(2,733)	
9.	Total Return Requirements from most recent Projections		•	-		-	-		-	
10.	Difference (Line 8 - Line 9)		\$ (60)	\$ (188) \$	(334) \$	(506) \$	(712)_\$	(934) \$	(2,733)	

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%.

(c) AFUDC actual monthly rate is calculated using the formula $M = [(1 + A/100)^{1/12} + 1] \times 100$; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%. (d) Other adjustment represents the monthly debt component carrying costs that is a permanent difference and therefore not included in the DTA calculation.

Sche		Levy County Nuc Selection Costs an mated Filing: Defer	d Carrying (5				[Section (4) [Section (8)		
FLOF	IDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide the calculation of the Actual								-	
сом	PANY: PROGRESS ENERGY - FL		deferred ta: year.	Carrying C	osts for th	e current			For the Year Ended 12/31/2008		
DOC	KET NO.: 080149 - EI								Witness: Lori Cross		
Line No.		(I) Beginning of Period	(J) Projected July			(M) Projected October			(P) 12 Month Total		
1.	Construction Period Interest (Schedule SS-3B, Line 5)		S -	\$ - :	\$ -	\$ -	S -	\$ -	s -		
2.	Recovered Costs Excluding AFUDC (Schedule SS-2, Line 1+ Line 3)		-	-	•	-	-		-		
3.	Other Adjustments (d)		\$ (55,261)	\$ <u>(55,652)</u>	\$ (56,047)	\$ (56,444)	\$ (56,845)	\$ (57,248)	(595,068)		
4.	Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	\$ (802,201) \$ (857,461)	\$ (913,114)	(969,161)	\$ (1,025,605)	\$(1,082,450)	\$(1,139,697)	n/a		
5	Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate) \$ (309,449) \$ (330,766)	\$ (352,234)	\$ (373,854)	\$ (395,627)	\$ (417,555)	\$ (439,638)	n/a		
6.	Average Accumulated DTA		\$ (320,107)	\$ (341,500) \$	\$ (363,044)	\$ (384,740)	\$ (406,591)	\$ (428,597)			
7.	Carrying Costs on DTA (c)										
	a. Equity Component (a)		(1,749)	(1,866)	(1,984)	(2,102)	(2,222)	(2,342)	(13,684)		
	b. Equity Comp. grossed up for taxes (b)		(2,847)	(3,038)	(3,229)	(3,422)	(3,617)	(3,813)	(22,277)		
	c. Debt Component		(520)	(555)	(590)	(626)	(661)	(697)	(4,072)		
8.	Total Return Requirements (Line 7b + 7c)		(3,368)	(3,593)	(3,820)	(4,048)	(4,278)	(4,509)	(26,349)		
9.	Total Return Requirements from most recent Projections		-	-	-	-	-	-	-		
10.	Difference (Line 8 - Line 9)		\$ (3,368)	\$ (3,593)	(3,820)	\$ (4,048)	\$ (4,278)	\$ (4,509)	\$ (26,349)		

(a) The monthly Equity Component of 6.85% reflects an 11.75% return on equity.

(b) Requirement for the payment of income taxes is calculated using a Federal Income Tax rate of 38.575%. (c) AFUDC actual monthly rate is calculated using the formula M = [(1 + A/100)^{1/12} 1] x 100; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%. (d) Other adjustment represents the monthly debt component carrying costs that is a permanent difference and therefore not included in the DTA calculation.

Levy County Nuclear Filing Site Selection Costs and Carrying Costs Actual/Estimated Filing: Construction Period Interest [Section (4)] Schedule SS-3B [Section (8)(d)] FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: Provide the calculation of the Actual Construction Period Interest for the current COMPANY: PROGRESS ENERGY - FL year. For the Year Ended 12/31/2008 DOCKET NO.: 080149 - EI Witness: Lori Cross . (A) (B) (C) (D) (E) (F) (G) (H) Beginning Actual Actual Actual Projected Projected Line Projected 6 Month No. of Period January February March April May June Totai Jurisdictional Dollars \$ \$ \$ -\$ \$ -\$ -..... **Beginning Balance** 1. 2. Additions Preconstruction З. Additions Construction 4. Other Adjustments Ending Balance Excluding CPI 5. S -\$ -\$. \$ \$ \$ \$ ---. 6. Average Balance Eligible for CPI Monthly CPI Rate [Note 1] 7 8. Construction Period Interest for Tax (CPI) \$ \$ - \$ \$ ---\$ -\$ -\$ -

Note 1: CPI rate is the projected weighted average debt rate for the period.

Note 2: This schedule for informational purposes only. In 2007 none of the costs being presented were considered under construction per tax and therefore no CPI was accrued.

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Schedu	ule SS-3B	[Section (4)] [Section (8)(d)]								
	DA PUBLIC SERVICE COMMISSION	EXPLANA	EXPLANATION: Provide the calculation of the Actual Construction Period Interest for the current							
COMP	ANY: PROGRESS ENERGY - FL			year.	For the Year Ended 12/31/2008					
DOCK	ET NO.: 080149 - El									Witness: Lori Cross
Line No.			(I) Beginning of Period	(J) Projected July	(K) Projected August	(L) Projected September	(M) Projected October	(N) Projected November	(O) Projected December	(P) 12 Month Total
1.	Beginning Balance			\$	\$ -	S -	\$ -	\$-	s -	
2.	Additions Preconstruction			-	-		-	-	-	
3.	Additions Construction			-	-		-	-	-	
4.	Other Adjustments				•	-	-	-	-	
5.	Ending Balance Excluding CPI		<u>s</u> -	\$ -	\$-	\$	\$ -	\$ -	<u>s</u> -	_
6.	Average Balance Eligible for CPI			-	•	•	•	-	-	
7	Monthly CPI Rate [Note 1]									
8.	Construction Period Interest for Tax (CPI)			\$	<u> </u>	<u>\$</u>	\$ -	\$ -	\$	\$ -

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Note 1: CPI rate is the projected weighted average debt rate for the period. Note 2: This schedule for informational purposes only. In 2007 none of the costs being presented were considered under construction per tax and therefore no CPI was accrued.

Page 2 of 2

Actua/Estimatedl Filing: Recoverable O&M Monthly Expenditures [Section (4)] Schedule SS-4 (Section (8)(d)] FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: Provide the Actual CCRC Recoverable O&M monthly expenditures by function for the current year. COMPANY: PROGRESS ENERGY - FL For the Year Ended 12/31/2008 DOCKET NO.: 080149 - EI Witness: Lori Cross (A) (B) (C) (D) (E) (F) (G) (H) (L) (1) (J) (K) (M) Line Actual Actual Actual Projected Projected Projected Projected Projected Projected Projected Projected Projected 12 Month February March April May September October No. Description January June July August November December Total 1.201 \$ 7,338 \$ 1,447 Accounting \$ \$ \$ s 9.986 1 2 Corporate Communications 2,902 864 3,766 13,049 24,418 4,998 Corporate Planning 3 42,465 Corporate Services 4 -5 External Relations 6 Human Resources 3,711 8,958 2,790 15,459 7 IT & Telecom -8 Legal Project Assurance 7,886 13,955 4,023 9 25,864 Public Affairs 10 11 Subtotal A&G 25,847 57,571 14,122 97.540 Energy Delivery Florida 12 13 Nuclear Generation 5.450 5.450 Transmission 65,403 6,542 6,391 78.336 14 Total O&M Costs \$ 64,113 \$ 15 96,700 \$ 20,513 \$ s 181.326 16 Jurisdictional Factor (A&G) 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.91670 0.99597 0.99597 0.99597 0.99597 0.99597 Jurisdictional Factor (Distribution) 0.99597 0.99597 0.99597 0.99597 0.99597 17 0.99597 0.99597 0.99597 Jurisdictional Factor (Nuclear - Production - Base) 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 0.93753 18 19 Jurisdictional Factor (Transmission) 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 0.70597 20 Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16) 52,775 \$ 12,945 \$ \$ 23,694 \$ \$ \$ \$ \$ 89,415 \$ s -\$ 21 Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17) 22 Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line 1 5,109.54 5,109.54 46,173 \$ Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19) 4,618 \$ 4,512 \$ 23 \$ 55,303 Total Jurisdictional Recoverable O&M Costs 24 \$ 74,976 \$ 57,394 \$ 17,457 \$ 149.827 \$ 66,312 \$ 112,829 \$ 121,829 \$ 25 Average Monthly Recoverable O&M Balance \$ 37,488 \$ 122,121 \$ 122,414 \$ 122,708 \$ 123,002 \$ 123,297 \$ 123,593 \$ 123,890 \$ 124,187 0.34% 0.26% 0.24% 0.24% 0.24% 0.24% 0.24% 0.24% 26 Monthly Short-term Commerical Paper Rate 0.24% 0.24% 0.24% 0.24% Interest Provision \$ 127 \$ 172 \$ 271 \$ 292 \$ 293 \$ 294 \$ 294 \$ 295 \$ 296 \$ 297 \$ 297 \$ 27 298 \$ 3,228 28 Total Monthly Recoverable O&M Costs \$ 37,615 \$ 66,485 17,728 \$ 292 \$ 293 \$ 294 \$ 294 \$ 295 \$ 296 \$ 297 \$ 297 \$ S 298 \$ 124,485

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292 \$

\$ 37,615 \$ 66,485 \$ 17,728 \$

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293 \$

....

294 \$

294 \$

295 \$

296 \$

Levy County Nuclear Filing Site Selection Costs and Carrying Costs

29 Total Jurisdictional O&M Costs From Most Recent Projection

30 Difference (Line 28 - 29)

Page 1 of 1

298 \$ 124,485

.

297 \$

297 \$

	Actual/Estimated	e Selection C		arrying Co		nditures							[Section (4)]	
Schedu	le SS-5												[Section (8)	(d)]
FLORID	A PUBLIC SERVICE COMMISSION	EXPLANATIO	DN:			Recoverable								
COMPA	NY: PROGRESS ENERGY - FL			monuny ex	behaltures by	function for t	ne current y	ear.				For the Yea	r Ended 12/3	31/2008
DOCKE	T NO.: 080149 - Eł											Witness: Lo	eri Cross	
Line No.	Description	(A) Actual January	(B) Actual February	(C) Actual March	(D) Projected April	(E) Projected May	(F) Projected June	(G) Projected July	(H) Projected August	(I) Projected September	(J) Projected October	(K) Projected November	(L) Projected December	(M) 12 Month Total
1	Accounting	\$ -	\$-	\$ -	\$ -	ş -	\$ -	\$-	\$-	\$ -	\$ -	\$ -	\$-	\$ -
2 3	Corporate Communications Corporate Planning	-	-	1,530 2,211	-	-	-	•	-	-	-	-	-	1,530
3	Corporate Services	•	1,339	2,211	•	-	-	-	-	-	-	-	-	3,550
	External Relations	-	-	-	-	-	-	-	-	-	-	-	•	-
ě	Human Resources	_	-	_	-	_	_	-	-	-	_	-		-
7	IT & Telecom	-	-	-	-	-	-	-	-	_	-	-	-	-
8	Legal	2,877	50,850	1,967	-	-	-	-	-	-	-	-	-	55,694
9	Project Assurance	(15,647)	15,829	-	-	-	-	-	-	-	-	-	-	182
10	Public Affairs	•	-	-	-	-	-	-	-	-	-	-	-	-
11	Subtotal A&G	-	-	-	-	-	-	-	-	-	-	-	-	-
12	Energy Delivery Florida	341	888	1,839	-	-	-	-	-	-	-	-	-	3,068
13	Nuclear Generation	-	-	-	. •	-	-	-	-	-	-	-	-	-
14	Transmission		\$ (395)			<u>\$ -</u>	<u>\$ -</u>	<u> </u>	<u>\$</u>	<u>\$</u>	<u>\$</u> -	<u>\$</u> -	<u>\$</u> -	<u>\$ 9,346</u>
15	Total O&M Costs	\$ 7,771	\$ 493	\$ 4,149	\$-	\$ -	\$ -	\$ -	\$ -	\$ -	\$-	\$ -	s -	\$ 12,413
16	Jurisdictional Factor (A&G)	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0.91670	0,91670	0.91670	0.91670	0.91670	0.91670	0.91670
17	Jurisdictional Factor (Distribution)	0.99597	0.99597	0.99597	0.99597	0.99597	0,99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597	0.99597
18	Jurisdictional Factor (Nuclear - Production - Base)	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753	0.93753
19	Jurisdictional Factor (Transmission)	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	s -	s .	s -	\$ -	s -	s -	s -	s -	s -	\$ -	s.	s -	s .
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	339,63	884.42	1,831.36	· .	· .	• .	• -	• -	• _	• .	• -	• -	3,055.41
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line		-	-	-	-	-	-	-	-	-	-	-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	-	\$ (279)	\$ 1,631	\$ -	\$ -	\$ -	\$ -	\$ -	\$-	\$ -	\$ -	\$-	\$ 6,598
24	Total Jurisdictional Recoverable O&M Costs	\$ 5,585	\$ 606	\$ 3,463	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	<u>\$</u> -	\$ -	\$ -	\$ 9,653
25	Total Jurisdictional O&M Costs From Most Recent Projection	\$ -	\$-	\$ -	\$ -	\$ -	\$ -	\$-	s -	s -	\$ -	\$-	\$ -	\$ -
26	Difference (Line 24 - 26)	\$ 5,585	\$ 606	\$ 3,463	\$ -	\$-	\$-	\$ -	<u>\$</u>	\$ -	\$ -	\$-	\$ -	\$ 9,653

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Page 1 of 1

Schedule SS-6		Site Se	lection Costs	Nuclear Filing and Carrying (: Monthly Expe									[Section (4)] [Section (8)(d)	I		
FLORIDA PUBLIC SERVICE COMMISSION		EXPLANATION:	F	Provide the actual monthly expenditures by major tasks perform				performed				_	[000000] (0/(0/			
			v	vithin Site Selecti	on category.											
COMPANY: PROGRESS ENERGY - FL													For the Year E	nded 12/31/200	8	
DOCKET NO.: 080149 - EI													Witness: Lori C	Cross		
	(A)	(B)	(C)	(D)	(E)	(F)		(G)	(H)		(1)	(1)	(K)	(L)		(M)
Line No. Description	Actual ' January	Actual February	Actual March	Projected April	Projected May	Projecter June	1	Projected July	Projecte August		Projected September	Projected October	Projected	Projected		12 Month
No: Description	January	February	March	April		JUNE		JUIY	August		September	October	November	December		Total
1																
2																
3						•										
4 Site Selection:																
5 <u>Generation</u> :																
6 License Application	\$ 3,360,110	\$ 3,389,653 \$	1,532,572	\$-	\$-	\$	- \$	-	\$	- \$	-	\$-	s -	\$-	\$	8,282,335
7 Engineering, Design & Procurement	-	-	-	-	-		•	-		-	•	-	-	-		-
8 Permitting	-	-	-	-	-		•	-		-	-	-	-	-		•
9 Cleaning, Grading and Excavation			•	-	-		•	-	_	•	-	-	-	-		-
10 On-Sile Construction Facilities	<u> </u>	<u>\$ - \$</u>		*	<u>\$</u> -	5	5	-	<u>\$</u>	- 5	•	<u>s -</u>		<u>\$</u>	\$	•
11 Total Generation Costs	\$ 3,360,110	\$ 3,389,653 \$	1,532,572	\$ -	\$ -	\$	\$	-	\$	- \$	-	\$ -	s -	\$-	\$	8,282,335
12 Less Adjustments:			(007 004)													
13 Non Cash Accruais	1,264,920	380,936	(227,881)	(8,917,094)	-			-		-	•	-	-	-		(7,499,120)
14 Other	-	* 0.000.747 *	-	-	-	s		-		-	-	-	-	· . · ·	-	•
15 Net Generation Costs	\$ 2,095,190 0,93753	\$ 3,008,717 \$ 0.93753	1,760,453	\$ 8,917,094 0.93753	<u>\$</u> -0.9375		\$		Ψ	- \$		<u>\$</u>	\$ -	\$ -	\$	15,781,455
16 Juriedictional Factor 17	0.93753	0.93753	0.93753	0.93753	0.9375	3 0.93	/53	0.93753	0.93	753	0.93753	0.93753	0.93753	0.9375	3	0.93753
18 Total Jurisdictional Generation Costs	\$ 1,964,304	\$ 2.820.763 \$	1.650.478	\$ 8,360,043	s -	\$	\$		\$	- \$	-	s -	\$ -	\$	\$	14,795,587
19	•		•		-	-	•		•			-	•	•	•	, ,,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
20 Transmission;																
21 Line Engineering	\$ 92,228	\$ 142,034 \$	(11,994)	\$-	\$ -	\$	\$	-	\$	- \$	-	\$ -	s -	\$-	5	222,268
22 Substation Engineering	(4,469)	22,490	(7,671)	•	-		•	-			-	-	-	-	-	10,350
23 Clearing	•	-	-	•	•			-		-	•	-	-	-		-
24 Other	\$ 54,024	\$ 507,692 \$	123,709	\$ -	\$	\$.	\$	•	\$	- \$	-	\$-	\$ -	s -	\$	685,425
25 Total Transmission Costs	\$ 141,783	\$ 672,216 \$	104,044	\$ -	\$ -	\$	\$	•	\$	- 5	-	\$ -	\$ -	\$-	\$	918,043
26 Less Adjustments:																-
27 Non Cash Accruals	(109,554)	384,132	(294,013)	(585,094)	-			-		-	-	-	-	-		(604,529)
28 Other	•		-	-	•			-			<u> </u>	<u> </u>	-	-		
29 Net Transmission Costs	\$ 251,337	\$ 288,084 \$	398,057	\$ 585,094	<u>\$</u>	<u>s</u> .				- \$	•	<u>s -</u>	<u>s</u> -	\$ -	\$	1,522,572
30 Jurisdictional Factor 31	0.70597	0.70597	0.70597	0.70597	0.7059	7 0.70	597	0.70597	0,70	597	0.70597	0.70597	0.70597	0.7059	7	0.70597
	\$ 177,437	\$ 203,379 \$	281.016	£ 440.0F0	£				*	~		A	•		_	
32 Total Jurisdictional Transmission Costs 33	ə 177,437	203,319 \$	281,016	\$ 413,059	ş -	\$.	- 5	-	\$	- \$		s -	\$ -	\$ -	\$	1,074,890
33 34 Total Jurisdictional Site Selection Costs	\$ 2 141 741	\$ 3,024,142 \$	1,931,494	\$ 8,773,102	<u>s</u> -	\$	s		\$	- S		\$.	\$ -	5 - 2	\$	15 870 479
34 10tal JEnsolctional Site Selection Coats 35	₹ £,141,/41	₩ 0,024,144 3	1,001,404	φ ο,πα,μυζ	÷ -	4	્ર	-	ц.	- 4		a -	4 -	<u> </u>	<u>></u>	15,870,478

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Levy County Nuclear Filing Site Selection Costs and CarryIng Costs Actual/Estimated Filing: Monthly Expenditures	[Section (4)] [Section (8)(d)]
EXPLANATION: Provide a description of the major tasks performed within Site Selection category for the current year.	
	For the Year Ended 12/31/2008
	Witness: Lori Cross
	Site Selection Costs and Carrying Costs Actual/Estimated Filing: Monthly Expenditures EXPLANATION: Provide a description of the major tasks performed within Site Selection category for the current year. Description - Includes, but is not limited to:

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Schedule SS-6B	[Section (4)] [Section (8)(d)]				
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL	EXPLA	NATION:	For the Year Ended 12/31/2008		
DOCKET NO.: 080149 - El					Witness: Lori Cross
Line No	(A) Total Actual/Estimated	(B) Total Projected	(C) Total Variance	(D) Explanation	
Site Selection: 2 Generation: 3 License Application 4 Engineering & Design 5 Permitting 6 Clearing, Grading and Excavation 7 On-Site Construction Facilities 8 Total Generation Costs	\$ 8,282,335 - - - - - - - - - - - - - - - - - -	\$ - - - - - - - - - - - - - - - - - - -	\$ 8,282,335 - - - - - - - - - - - - - - - - - -	Note 1 Note 1 N/A N/A Note 1	
Image: Transmission: 11 Line Engineering 12 Substation Engineering 13 Clearing 14 Other 15 Total Transmission Costs	\$ 222,268 10,350 685,425 \$ 918,043	\$ - - - <u>-</u>	\$ 222,268 10,350 685,425 \$ 918,043	Note 1 Note 1 N/A Note 1	

Note 1: No costs were projected due to the fact that Progress Energy (PEF) has never filed a projection to date.

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Lavy County Nuclear Filing Site Selection Costs and Carrying Costs Actual/Estimated Filing: Contracts Executed Schedule SS-6										REDACTED [Section (8)(c)]				
FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: Provi Indu COMPANY: PROGRESS ENERGY - FL and I							cription of the wo contract, the met	ad in excess of \$1 mi rk, the dollar value hod of vendor selecti andor, and curvant st	on,	For the Year Ended 12/31/2008 Wilness: Caniel Roderick/Date Oliver				
Line No	(A)	(B) Status of Contract	(C) Original Term of Contract	(D) Current Term of Contract	(E) Original Amount	(F) Actual Expanded as of Prior Year End	(3) Estimate of arnount to be Expended in Current Year (2008)	(H) Estimate of Final Contract Amount	(i) Name of Contractor (and Affiliation if any)	(J)	(K) Work Description			
+	00003382- 00128	Issued		Centraci	Amount	ела	(2008)	Contrast Amount	Westinghouse Electric Co. LLC.	Sole Source. Award based on selected vendor from the technology	Levy Price Finalizatio			
2	00300968- 00004	fssued							Stone & Wabster Inc.	selected Sole Source. Award based on selected vendor from the tachnology	Levy Price Finalizatio support			
3	00300966- 00002	lsaued							Stone & Webster Inc.	Isolected Sole Source, Award based on selected vendor from the technology	and elle			
	00255934- 00002	Issued							Joint Venture Team (Sargent & Sundy, CH2M HB, & Worley Parsons) - 00255934	selected RFP. Competitive Bid & Evaluation process. Low Cost bidder accepted.				
	00080578- 00111 00262141- 00003	laaved							00003) Golder Associates Inc. Power Engineers Inc.	Sole Sourced Sole Sourced	LNP Transmission Comidor Study Line and Bubstetion Design Study Suppo			
7	00300968-06	isqued							Stone & Webster Inc.	Sole Source, Award based on selected vendor from the technology selected				
4		loouad							Stone & Webster Inc.	Sole Source. Award based on selected vendor from the technology selected				
9	00300966-07	lasued							Westinghouse Electric Co. LLC.	Sole Source, Award based on selected vendor from the technology selected				
10	00003362-14 00256934- 00003	issued							Joint Venture Team (Sangent & Lundy,	RFP, Competitive Bid & Evaluation process, Low				
									CH2M HIL, & Worley Persona) - 00255934- 00003)	Cost bidder accepted,				

Note: Original emount for contract nor. 00256934-00002 reflects cost of COLA prior to final site selection work being completed.

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Schedule SS-8A	Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual/Estimated Filing: Contracts Executed	REDACTED [Section (8)(c)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1	million
COMPANY: PROGRESS ENERGY - FL	including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current statu	
DOCKET NO.: 080149 - EI	of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00003382-00128

Major Task or Tasks Associated With: Activities necessary to determine and document detailed costs associated with the Levy Nuclear Plant (LNP) standard plant. These are all planning activities and do not include actual design or construction activities.

Vendor Identity: Westinghouse Electric Company LLC.

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited: One, due to Westinghouse being the sole vendor for the reactor technology selected.

Number of Bids Received: A proposal was submitted by Westinghouse LLC.

Brief Description of Selection Process: Upon receipt of proposal, New Plant Development (NPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract requisition was developed by NPD Project Controls. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition is approved by the appropriate level of Progress Energy Management. Once the contract requisition is approved, a formal contract no be issued.

Dollar Value:

Contract Status: Issued

<u>Term Beain:</u> Term End:



Nature and Scope of Work;

Page 1 of 10

Schedule SS-8A	Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual/Estimated Filing: Contracts Executed	REDACTED [Section (8)(c)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million	
COMPANY: PROGRESS ENERGY - FL	including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status	For the Year Ended 12/31/2008
DOCKET NO.: 080149 - EI	of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00300968-00004

Major Task or Tasks Associated With: Activities necessary to determine and document detailed costs

Vendor Identity: Stone and Webster Inc.

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited: One, due to Westinghouse being the sole vendor for the reactor technology selected. Stone & Webster is Westinghouse contracted engineering and construction partner.

Number of Bids Received; A proposal was submitted by Stone and Webster Inc.

Brief Description of Selection Process: Upon receipt of proposal, New Plant Development (KIPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract requisition was developed by NPD Project Controls. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition is approved by the appropriate level of Progress Energy Management. Once the contract requisition is approved, a format contract can be issued.

Lever County Nuclear Elling

Dollar Value:

Contract Status: Issued

<u>Term Beain:</u> Term End:

Nature and Scope of Work:

Page 2 of 10

Schedule SS-8A	Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual/Estimated Filing: Contracts Executed	REDACTED [Section (8)(c)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million	
COMPANY: PROGRESS ENERGY - FL	including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status	For the Year Ended 12/31/2008
DOCKET NO.: 080149 - EI	of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00300968-00002

Maior Task or Tasks Associated With: The project management and conceptual engineering activities to require further characterization of the Levy site by performing geotechnical evaluations, regional infrastructure studies, early procurement requirements, preliminary construction plan development, COLA development interfacete, and development of the site specific schedule.

Vendor Identity, Stone and Webster Inc.

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited. One, due to Westinghouse being the sole vendor for the reactor technology selected. Stone & Webster is Westinghouse contracted engineering and construction partner.

Number of Bids Received; A proposal was submitted by Stone and Webster Inc.

Brief Description of Selection Process; Upon receipt of proposal, New Plant Development (NPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract requisition was developed by NPD Project Controls. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition is approved by the appropriate level of Progress Energy Management. Once the contract requisition is approved, a formal contract can be issued.

Dollar Value:

Contract Status: Issued

Term Begin: Term End:



Nature and Scope of Work:

Activities related to completing detailed estimates for site specific buildings, systems and components, and studies and evaluations in support of determining the overall site specific plant cost.

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Schedule SS-8A	Levy County Nuclear Fil Pre-Construction Costs and Carrying Costs on Actual/Estimated Filing: Contrac	Construction Cost Balance	REDACTED [Section (8)(c)]
FLORIDA PUBLIC SERVICE COMMISSIÓN	EXPLANATION	Provide additional details of contracts executed in excess of \$1 million	
COMPANY: PROGRESS ENERGY - FL		including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status	For the Year Ended 12/31/2008
DOCKET NO.; 080149 - El	,	of the contract.	Witness: Daniel Roderick/Dale Oliver
Contract No.: 00255934-00002			
Major Task or Tasks Associated With: activities associated with providing engineering, environme and licensing services to support of Combined Op License Application (COLA) development for a ne greenfield site in Florida.	perating		
<u>Vendor Identity</u> Joint Venture Tearn - Sargent & L	undy, CH2M Hill, & Worley Parsons		
Vendor Affiliation (specify 'direct' or 'indirect'); Dire	ect .		
Number of Vendors Solicited: Six			
Number of Bids Received; Six			
Brief Description of Selection Process: An RFP wa	as completed for COLA Application preparation and s	ent to vendors. The next step required New Plant Development to	
Dollar Value:			
Contract Status: Issued			
Term Begin: Term End:			
Nature and Scope of Work: Provide engineering, environmental, and licensing services	in support of COLA development. Major tasks include:		

Task 1 - Prepare License Application and associated General & Admin. Information

Task 2 - Perform site investigation, including necessary soil borings and constructing a mateorological tower to gather weather information.

Task 3 - Prepare Chapter 2 of FASR in accordance with applicable regulatory requirements including meteoralogical, geotechnical, and seismological sections.

Task 4 - Prepare Environmental Report in accordance with applicable regulatory requirements, including site ecological investigations. Prepare Emergency Plan in accordance with applicable regulatory requirements.

Task 5 - Prepare FSAR Chapters 4, 5, 6, 7, and 12 in accordance with applicable regulatory requirements.

Task 6 - Prepare FSAR Chapters 13, 14, and 16 in accordance with applicable regulatory requirements.

Task 7 - Prepers FSAR Chapters 1, 3, 6, 17, 18, & 19in accordance with applicable regulatory requirements.

Task 8 - Prepare FSAR Chapters 9, 10, 11, & 15 in accordance with applicable regulatory requirements.

Tesk 9 - Prepare fire protection program, inspection programs, other programs, the security plan and quality assurance plan in accordance with applicable regulatory requirements.

Task 10 - Prepare conceptual designs for various plant systems.

Tesk 11 - Project Management support for all COLA preparation activities.

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Schedule SS-8A	Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual/Estimated Filing: Contracts Executed	REDACTED [Section (8)(c)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million	
COMPANY: PROGRESS ENERGY - FL	including, the nature and scope of the work, the nature of any affiliation with selected verdor, the method of verdor selection, height de wind are drived and of the subscription of the selection of the selecti	For the Year Ended 12/31/2008
DOCKET NO.: 080149 - EI	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00080678-00111

Major Task or Tasks Associated With: activities associated with providing environmental, line corridor selection studies, and licensing services in support of Site Certification Application (SCA) and Combined Operating License Application (COLA) development for transmission facilities to support a new greenfield site in Florida.

These are all planning activities and do not include actual design or construction activities.

Vendor Identity; Golder Associates Inc.

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited: One

Number of Bids Received: A proposal was submitted by Golder Associates Inc.

Brief Description of Selection Process: Upon receipt of proposal, Supply Chain and company management representatives reviewed the proposal's technical scope, schedule, and cost. A single source justification memo was prepared and approved based on the vendor's involvement since inception of the project and their ability to meet the required schedule requirements, a contract requisition was developed by Transmission Ops and Planning Project Support. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition was approved by the appropriate level of Progress Energy Management. Once the contract requisition was approved, a formal Work Authorization was issued.

Dollar Value:

Contract Status: Issued

Term Begin: Term End:

Nature and Scope of Work: Provide environmental, line corridor selection studies, and licensing services in support of SCA and COLA development including:

Task 1 - Corridor Routing Study

Task 1a - Public Involvement

Task 2 - Preparation of applicable sections of the SCA

Task 3 - Certification Support and Hearings/Expert TestImony/Hearing Support/Agency Meetings/Outreach

Task 4 - Preparation of applicable sections of the NRC COLA

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Schedule SS-8A	REDACTED [Section (8)(c)]	
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million	
COMPANY: PROGRESS ENERGY - FL	including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection,	For the Year Ended 12/31/2008
DOCKET NO.: 080149 - EI	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00262141-00003

Major Task or Tasks Associated With: Activities associated with providing conceptual substation engineering and routing study services in support of transmission facilities to support a new greenfield site in Florida.

There all planning activities and do not include actual design or construction activities.

Vendor Identity: Power Engineers Inc

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited; One

Number of Bids Received: A proposal was submitted by Power Engineers Inc.

Brief Description of Selection Process: A contract requisition was developed by Transmission Ops and Planning (TOPS) Project Support. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition was approved by the appropriate level of Progress Energy Management. Once the contract requisition was approved, a formal Work Authorization was issued.

Dollar Value:

Contract Status: Issued

<u>Term Begin:</u> Term End:



Nature and Scope of Work: Provide conceptual substation engineering and line route study services in support of transmission facilities including:

- Preparation of preliminary substation design criteria and layout work

- Preparation of preliminary transmission line corridor layout work

- For each of the substations, prepare conceptual drawings/site plans

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Schedule SS-8A	Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual/Estimated Filing: Contracts Executed	REDACTED [Section (8)(c)]	
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million		
COMPANY: PROGRESS ENERGY ~ FL	including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, brief description of vendor selection process, and current status	For the Year Ended 12/31/2008	
DOCKET NO.: 080149 - El	of the contract.	Witness: Daniel Roderick/Date Oliver	

Contract No.: 00300968-00006

Major Tasks Associated With: 1) The scope of work includes those activities necessary to support the Site Certification Application (SCA) and Limited Work Authorization (LWA) submittals. The scope of work, deliverables, assumptions, risks, and associated man-hours and costs are as described in SSW proposal provided by letter SSWN-PEF-00129, Proposal Shaw Phase 1 Work Activities Required to Support SCA and LWA -Contract Number 300968, dated March 13, 2008.

Vendor Identity: Stone and Webster Inc.

Vendor Affiliation (specify 'direct' or 'indirect'): Direct

Number of Vendors Solicited: One, due to Westinghouse being the sole vendor for the reactor technology selected. Stone & Webster is Westinghouse contracted engineering and construction partner.

Number of Bids Received: A proposal was submitted by Stone and Webster Inc.

Brief Description of Selection Process: Upon receipt of proposal, New Plant Development (NPD) reviewed the proposal's technical scope, schedule, and cost. Comments were provided to the vendor and upon successful completion of comment resolution, a contract requisition was developed by NPD Project Controls. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition is approved by the appropriate level of Progress Energy Management. Once the contract requisition is approved, a formal contract can be issued.

Dollar Value:

Contract Status: Issued

<u>Term Begin:</u> <u>Term End:</u>



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Schedule SS-8A	Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual/Estimated Filing: Contracts Executed	REDACTED [Section (8)(c)]
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million	
COMPANY: PROGRESS ENERGY - FL	including, the nature and scope of the work, the nature of any affiliation with selected vendor, the method of vendor selection, build feasibilities of usedea selection scopes and use to have the vendor selection.	For the Year Ended 12/31/2008
DOCKET NO.: 080149 - EI	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00255934-00003

Major Task or Tasks Associated With: activities associated with developing the Site Certification Application for the Levy Plant. The application will be submitted to the Florida Department of Environmental Protection.

Vendor Identity: Joint Venture Team - Sargent & Lundy, CH2M Hill, & Workey Parsons

Vendor Affiliation (specify 'direct' or 'indirect'); Direct

Number of Vendors Solicited: 1

Number of Bids Received: 1

Brief Description of Selection Process; This authorization is closely tied to the Levy COLA Environmental Report. An Impact Evaluation was submitted to document project scope, schedule, cost, and risk. The impact evaluation is challenged with technical, QA, and financial reviews prior to approval. The approved impact evaluation is incorporated into a new work authorization.

Dollar Value:



Contract Status: issued

<u>Term Begin:</u>07/30/2007 <u>Term End:</u> 07/01/2008



Nature and Scope of Work:

Provide engineering, environmental, and licensing services in support of Site Certification Application development. Major tasks include:

Task 1 - Site Characterization

Task 2 - Plant & Associated Facilities

Task 3 - Construction Impacts Task 4 - Operational Impacts

Task 5 - Economic and Social Effects

Task 6 - Electrical Transmission Lines

Task 7 - Need for Power

Task 8 - Site & Design Alternatives

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Levy County Nuclear Filings Site Selection Costs and Carrying Costs Actual/Estimated Filing: Estimate Rate Impact

edule SS-1	10		Actual/Es	stimated Filing: Estima	te Rate Impact		
				t loine the billion data -	inente and -titi f-	nters used :-	
ORIDA PUBLIC SERVICE COMMISSION		EXPLANATION: Using the billing determinants and allocation factors used in the previous year's cost recovery filings, provide an estimate			For the Year Ended 12/31/2008 Witness: Lori Cross		
DMPANY: PROGRESS ENERGY - FL DCKET NO.: 080149 - El		of the rate impact by class of the costs requested for recovery.					
		Current billing determinants and allocation factors may be used, if available.					
	(A)		(B)	(C)	(D)	(E)	· · · · - · · · ·
			12CP & 1/13 AD	Production		stimated Capacity	
	B .		Demand	Demand	Effective Mwh's	Cost Recovery	
1xe 0.	Rate Class		Allocator (%)	Costs \$	at Meter Year 2008	Factor (c/Kwh)	
			()	·			
<u>Reside</u> RS-1, F	<u>ential</u> RST-1, RSL-1, RSL-2, RSS-1						
•	. , .	Secondary	60.454%	\$22,921,422	21,431,535	5 0.107	
C	al Service Non-Demand						
Genera GS-1, (
		Secondary			1,391,472		
		Primary			8,868		
		Transmission TOTAL GS	3.352%	\$1,271,116	3,633		
		IVIAL 00	3,332 /	φ1,2/1,1/0	1,400,510	<u>-</u>	
	al Service						
GS-2		Secondary	0.146%	\$55,350	89,286	6 0.062	
Genera	al Service Demand						
GSD-1,	, G\$DT-1, SS-1						
		Secondary			12,946,646		
		Primary			2,443,814		
		Transmission TOTAL GSD	31.042%	\$11,769,914	10,004 15,400,464		
		TOTAL GOD	51.04270	ψ11,103,014	10,400,404	<u>+</u>	
<u>Curtail:</u>							
CS-1, C	CST-1, CS-2, CST-2, CS-3, CST-	3, SS-3 Secondary			c	0,056	
		Primary			193,492		
		Transmission			100,451 C		
		TOTAL CS	0.284%	\$107,685	193,492	2	
interru	ptible						
	ST-1, IS-2, IST-2, SS-2						
		Secondary			120,638		
		Primary			2,076,176		
		Transmission TOTAL IS	4.579%	\$1,736,063	461,713 2,658,527		
						-	
<u>Lightin</u> LS-1	<u>19</u>	Secondary	0.143%	\$54,119	356,390	0.015	
L9-1		oconvery	U. 14376	<i>4</i> 04,113	000,000	· •.•13	
			100.000%	\$37,915,669	41,533,666	o.091	
			100.000 %	000,010,000	-1,000,000		

NOTE: Revenues have been grossed up by 1.00072% for revenue related taxes.

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