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## **BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

In re: Petition to Establish Discovery Docket Regarding Estimated/Actual Costs for Levy Nuclear Project, by Progress Energy Florida, Inc. DOCKET NO. 080149-Eナ

Submitted for filing: May 1, 2008

## REDACTED

## DIRECT TESTIMONY OF LORI CROSS IN SUPPORT OF ESTIMATED/ACTUAL 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 C 3566 MAY -1 8 FPSC-COMMISSION CLERK

CCUMENT NUMBER-DAT

## IN RE: PETITION TO ESTABLISH DISCOVERY DOCKET REGARDING ESTIMATED ACTUAL 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 ESTIMATED/ACTUAL COSTS

1		I. INTRODUCTION AND QUALIFICATIONS
2	Q.	Please state your name and business address.
3	А.	My name is Lori Cross. My business address is 299 First Avenue North, St.
4		Petersburg, FL 33701.
5		
6	Q.	By whom are you employed and in what capacity?
7	А.	I am employed by Progress Energy Service Company, LLC as Manager of
8		Regulatory Planning Florida.
9		
10	Q.	What are your responsibilities in that position?
11	А.	I am responsible for regulatory planning, cost recovery and pricing functions for
12		Progress Energy Florida, Inc. ("PEF"). These responsibilities include: cost of
13		service analysis; regulatory financial reports; rate and tariff development and
14		administration; analysis of state, federal and local regulations and their impact on
15		PEF; planning, coordination and execution of general rate case proceedings as
16		necessary. In this capacity, I am also responsible for the Levy County Nuclear

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DOCUMENT NUMBER-CATE 0 3566 MAY-1 8 FPSC-COMMISSION CLEFK

1		Project Cost Recovery Actual/Estimated filing, made as part of this discovery
2		docket, in accordance with Rule 25-6.0423, Florida Administrative Code (F.A.C.).
3		
4	Q.	Please describe your educational and occupational history and describe your
5		duties in the various positions you have held as an employee of Progress
6		Energy.
7	A.	I received a Bachelors of Science degree in Accounting from the University of
8		South Florida. I began my employment with PEF (previously Florida Power
9		Corporation) in 1983. During my 24 years with Florida Power Corporation and
10		now Progress Energy Service Co. LLC., I have held a number of financial and
11		accounting positions. In 2004, I became Manager, Regulatory Services for PEF.
12		
13	Q.	What is the purpose of your testimony?
14	А.	The purpose of my testimony is to present, for Commission review and approval,
15		Progress Energy Florida's Estimated/Actual costs associated with Levy County
16		activities for the period January 2008 through December 2008.
17		
18	Q.	Are you sponsoring any exhibits in support of your testimony?
19	А.	Yes. I am sponsoring sections of the following exhibit, which was prepared under
20		my supervision:
21		• Exhibit No (LC-1), consisting of Schedules AE-1 through AE-10,
22		which reflect PEF's retail revenue requirements for the Levy Nuclear Filing
		2

1	from January 2008 through December 2008; however, I will only be
2	sponsoring Schedules AE-1 through AE-6B, AE-9, and AE-10. Daniel
3	Roderick will be sponsoring Schedules AE-7 through AE-8A. Schedules
4	AE-9 and AE-10 in Exhibit No (LC-1), are shown for informational
5	purposes only and show no activity as they are not applicable to the Levy
6	County Filing during the reporting period.
7	This exhibit is true and accurate.
8	_
9	Q. What are Schedules AE-1 through AE-10?
10	A. • Schedule AE-1 reflects the actual/estimated of total retail revenue
11	requirements for the period.
12	• Schedule AE-2 reflects the calculation of the actual/estimated of
13	preconstruction costs for the period.
14	• Schedule AE-3 reflects the calculation of the actual/estimated of carrying
15	costs on construction expenditures for the period.
16	• Schedule AE-3A reflects a calculation of actual/estimated deferred tax
17	carrying costs for the period.
18	• Schedule AE-3B reflects the calculation of the actual/estimated construction
19	period interest for the period.
20	• Schedule AE-4 reflects CCRC recoverable Operations and Maintenance
21	(O&M) expenditures for the period.
22	• Schedule AE-5 reflects other recoverable O&M expenditures for the period.
	3

1		• Schedule AE-6 reflects actual/estimated monthly expenditures for
2		preconstruction and construction costs for the period.
3		• Schedule AE-6A reflects descriptions of the major tasks.
4		• Schedule AE-6B reflects annual variance explanations.
5		• Schedule AE-7 reflects technology selected for the Levy County Nuclear
6		Project.
7	1	• Schedule AE-8 reflects contracts executed in excess of \$1.0 million.
8		• Schedule AE-8A reflects details pertaining to the contracts executed in
9		excess of \$1.0 million.
10		• Schedule AE-9 reflects the calculation of the Estimated True-up Amount for
11		the period.
12		• Schedule AE-10 reflects the calculation of interest.
13		
14	Q.	What is the source of the data that you will present by way of testimony or
15		exhibits in this proceeding?
16	А.	The actual data is taken from the books and records of PEF. The books and records
17		are kept in the regular course of our business in accordance with generally accepted
18		accounting principles and practices, and provisions of the Uniform System of
19		Accounts as prescribed by Federal Energy Regulatory Commission (FERC) and any
20		accounting rules and orders established by this Commission. Estimates are derived
21		from Nuclear Projects & Construction Group (NPC). NPC uses various rate
	1	

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1		schedules and contracts to project the cash flows in accordance with our business
2		practice.
3		
4	Q.	What are the total projected revenue requirements for the Levy project for the
5		calendar year ended December 2008?
6	<b>A</b> .	The total projected revenue requirements for the Levy County Nuclear project are
7		million for the calendar year ended December 2008, as reflected on
8		Schedule AE-1, page 2 of 2, Line 8. This amount includes million in
9		Preconstruction costs, \$7.6 million for the carrying costs on the construction
10		balance, \$1.4 million in recoverable O&M costs, and \$-0.1 million for the carrying
11		charge on the Deferred Tax Liability. These amounts were calculated in accordance
12		with the provisions of Rule 25-6.0423.
13		
14	Q.	What is included in the Total Costs to be Recovered on Schedule AE-2, Line
15		7?
16		The annual total of million reflected on Schedule AE-2, Line 7, page 2 of 2
17		represents the total Preconstruction Costs for 2008. This amount includes
18		expenditures totaling million along with the carrying cost on the average
19		balance of million. These costs began to be classified as Preconstruction
20		costs in March 2008 after the Levy Need Petition was filed.
21		
22		Further discussion of these costs is provided in Danny Roderick's
		_

1		testimony. The Total Return Requirements of million presented on Line 6
1		
2		represents the carrying costs on the average Preconstruction balance.
3		
4	Q.	What is the carrying cost rate used in Schedule AE-2?
5	<b>A.</b>	The carrying cost rate used on Schedule AE-2 is based on PEF's approved after tax
6		AFUDC rate of 8.848%. On a pre-tax basis, the rate is 13.13%. The rate was
7		approved in Docket 050078-EL Order PSC-05-0945-S-EL. This rate represents the
8		approved rate as of June 12, 2007, and is the appropriate rate to use consistent with
9		Rule 25-6.0423(5) (b) 1. The annual rate was adjusted to a monthly rate as required
10		by the AFUDC rule, FPSC Rule 25-6.0141, Item (3).
11		
12	Q.	What is included in the Total Return Requirements on Schedule AE-3, line 7?
13		The Total Return Requirements of \$7.6 million depicted on this schedule represents
14		carrying costs on the average construction balance. The schedule starts with the
15		year-end 2007 CWIP balance and adds the monthly construction expenditures and
16		computes a return on the average monthly balance. The equity component of the
17		return is grossed up for taxes to cover the income taxes that will need to paid upon
18		recovery in rates. The adjustment on Line 3 is made to increase the balance for the
19		carrying costs. This amount represents the prior month carrying charge on the
20		average net Construction Work In Progress (CWIP) balance. We will continue to
21		include these carrying charges in the CWIP balance for purposes of calculating the
22		return requirements until such time as these charges begin to be recovered in rates
23		through the Capacity Cost Recovery (CCR) clause. Normal determination of
		6

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6

AFUDC includes a return on eligible capital additions plus a compounded rate of return until plant investments are placed in service and recovered in rates. Likewise under these circumstances a compounded return is appropriate until this return is recovered in rates.

Q. What is included in Total Return Requirements on Schedule AE-3A, Line 8?
The twelve month total of \$(137,271) on line 8, page 2 of 2 represents the carrying charge on the Deferred Tax Liability balance. The deferred tax liability arises from the difference between the book and tax basis for the project. This difference is due to the capitalization of interest for tax purposes as represented by the Construction Period Interest amount on Line 1 net of the adjustment on Line 3. The adjustment on Line 3 represents the capitalized interest for book purposes. This adjustment will be made until such time as the carrying charges are recovered in rates.

## 

# Q. Can you explain the Construction Period Interest (CPI) calculation on schedule AE-3B?

The 2008 CPI is calculated on costs associated with units of property expected to be separately placed in service. CPI is being calculated on the costs associated with on-site construction facilities from Schedule AE-6, line 10, such as the electrical and carpenter shops. Costs associated with the license application are intangible in nature and not subject to CPI. All other costs are considered soft construction costs for which the construction period has not yet begun and therefore not subject to CPI.

1		
2	Q.	What is included in the Recoverable O&M Expenditures on Schedule AE-4?
3	A.	The expenses included on this schedule represent the operation and maintenance
4		costs that the Company expects to incur in 2008 related to the Levy Construction
5		project that were not contemplated in base rates. These costs are primarily
6		comprised of Corporate support functions to the construction project. They include
7		financial and legal costs to support the cost recovery process, costs to support the
8		data repository, corporate communications, and human resources expenses to
9		support additional staffing needs. We have also estimated interest expense on the
10		cumulative O&M costs at the commercial paper rate.
11		
12	Q.	What is included in the Other Recoverable O&M Monthly Expenditures on
13		Schedule AE-5?
14	А.	These costs include the Operations and Maintenance costs related to the project that
15		are already included in base rates. These costs also primarily consist of Corporate
16		support functions, but these costs are for positions and functions that previously
17		existed, but are now supporting the Levy Construction project.
18		
19	Q.	What is Schedule AE-6 and what does it represent?
20	<b>A</b> .	Schedule AE-6 reflects actual/estimated monthly expenditures for preconstruction
21		and construction costs by major task for 2008. This schedule includes both the
22		Generation and Transmission costs. These costs have been adjusted to a cash basis

	1	
1		for purposes of calculation of the carrying costs. We have also applied the
2		appropriate jurisdictional separation factor to arrive at the total jurisdictional costs.
3		
4	Q.	What was the source of the separation factors used in Schedule AE-6?
5	<b>A.</b>	The jurisdictional separation factors are based on the factors that were established
6		in PEF's last base rate proceeding, Order PSC-05-0945-S-EI.
7		
8	Q.	Was interest calculated on the under-recovered balance?
9	А.	Interest has only been included on the average cumulative CCRC recoverable O&M
10		expenses as reflected on Schedule AE-4, line 27. The interest has been calculated
11		at the average commercial paper rate. No interest has been calculated on the
12		construction costs as until such time as we begin to recover the carrying costs on
13		this project in rates, we will calculate a carrying charge on the cumulative CWIP
14		balance at PEF's current AFUDC rate and will include those costs in the
15		cumulative CWIP balance. These costs will remain in CWIP until they are
16		approved for recovery through the Capacity Cost Recovery (CCR) clause, at which
17		time they will be reclassified as a regulatory asset and we will begin to accrue
18		interest on the over or under recovered balance.
19		
20	Q.	Does this conclude your testimony?
21	А.	Yes, it does.

## SCHEDULE APPENDIX REDACTED

**EXHIBIT (LC-1)** 

PROGRESS ENERGY FLORIDA, INC. Levy County Nuclear Filing COMMISSION SCHEDULES (AE-1 Through AE-10)

> JANUARY 2008 - DECEMBER 2008 Actual/Estimated DOCKET NO. 080149-EI

DOCUMENT NUMBER-DATE 03566 HAY-18 FPSC-COMMISSION CLERK-

#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Retail Revenue Reguirements Summary

Schedu	Actual & Estimated Filing: Reta				alance			Section (5)(c)	
COMPANY: PROGRESS ENERGY - FL			alculation of t venue require for the currer for such curr	ments based nt year and t	For the Year Ended 12/31/2008 Witness: Lori Cross				
_ine No.		(A) Actual January	(B) Actual February	(C) Actual March	(D) Projected April	(E) Projected May	(F) Projected June	(G) 6 Month Total	
			J	lurisdictional	Dollars				
	Preconstruction Revenue Requirements (Schedule AE-2, line 7)								
	Construction Carrying Cost Revenue Requirements (Schedule AE-3, line 7)	596,728	600,958	605,429	610,033	614,763	619,877	3,647,788	
<b>.</b>	Recoverable O&M Revenue Requirements (Schedule AE-4, line 28)	-	-	44,550	139,372	138,704	88,249	410,875	
	Deferred Tax Asset Carrying Cost (Schedule AE-3A, line 8)	(1,262)	(1,637)	(2,016)	(2,485)	(3,204)	(4,184)	(14,788)	
	Other Adjustments	-	-	-	-	-	-	-	
	Total Period Revenue Requirements (Lines 1 though 5)								
-	Total Return Requirements from most recent Projections	-	-	-	-	-	-	-	
i.	Difference (Line 6 - Line 7)								

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#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Retail Revenue Requirements Summary

Chedule AE-1							[Section (5)(c) REDACT	-
LORIDA PUBLIC SERVICE COMMISSION EXPL COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080009 - EI	expendit	he calculation of il revenue requi ures for the cun ures for such cu		For the Year Ended 12/31/2008 Witness: Lori Cross				
ine lo.	(H) Project July	(I) ed Projected August	(J) Projected September Jurisdictiona	(K) Projected October	(L) Projected November	(M) Projected December	(N) 12 Month Total	
. Preconstruction Revenue Requirements (Schedule AE-2, line 7)								
Construction Carrying Cost Revenue Requirements (Schedule A	E-3, line 7) 625	459 631,482	638,513	648,813	662,354	697,349	7,551,759	
. Recoverable O&M Revenue Requirements (Schedule AE-4, line 28)	161	054 149,263	149,679	, 176,546	153,746	153,984	1,355,147	
. Deferred Tax Asset Carrying Cost (Schedule AE-3A, line 8)	(17	178) (18,328	) (19,573)	(20,967)	(22,451)	(23,988)	(137,271)	
. Other Adjustments			-	-	-	-	-	
. Total Period Revenue Requirements (Lines 1 though 5)						_		
Total Return Requirements from most recent Projections			-	-	-	-	-	
B. Difference (Line 6 - Line 7)								

Page 2 of 2

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### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance

Schedule AE-2 Actual & Estimated				nstruction C		[Section (5)(c)1.b.] REDACTED				
FLORIDA PUBLIC SERVICE COMMISSIONEXPLANATION:COMPANY: PROGRESS ENERGY - FLDOCKET NO.: 080009 - EI		costs based	calculation of d on actual/es ent year and t rrent year.	nstruction	For the Year Ended 12/31/2008 Witness: Lori Cross					
ine No.			(A) Actual January	(B) Actual February	(Ċ) Actual March	(D) Projected April	(E) Projected May	(F) Projected June	(G) 6 Month Total	, . <u> </u>
					Jurisdiction	al Dollars				
	Current Period Pre-Construction Expenses (Schedule	AE-6 Line 34)								
	Prior Period Unrecovered Pre-Construction Balance		-						l	
	Pre-Construction Expenses Recovered		-	-	-	- '	-	-		
	Average Balance Pre-Construction Expenses Eligible	for Return								
	Return on Average Net Unamortized CWIP Eligilble for	r Return (c)								
ä	. Equity Component (a)									l
I	b. Equity Comp. grossed up for taxes (b)									
	. Debt Component									
	Total Return Requirements (Line 5b + 5c)									l
	Total Costs to be Recovered									l
	CWIP Additions, Amortization & Return from most red	cent Projections	-	-	-	-		-		
).	Over / (Under) Recovery (Line 7 - Line 8)									ĺ

(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)<sup>1/12-</sup> 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

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Schedu	ule AE-2	Actual & Estimated	Filing: Precon	struction C	osts				[Section (5)(c)1 REDACTED	.b.]
FLORIDA PUBLIC SERVICE COMMISSION EXPLANATION: COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080009 - EI		EXPLANATION:	Provide the costs based for the curre for such curre	on actual/es	nstruction	For the Year Ended 12/31/2008 Witness: Lori Cross				
ine lo.			(I) Projected July	(J) Projected August	(K) Projected September Jurisdictiona	(L) Projected October	(M) Projected November	(N) Projected December	(O) 12 Month Total	· · · · · · · · · · · · · · · · · · ·
1.	Current Period Pre-Construction Expenses (Schedu	ile AE-6 Line 34)								
2.	Prior Period Unrecovered Pre-Construction Balance	)								
3.	Pre-Construction Expenses Recovered			-	-	- •	-	-		
•	Average Balance Pre-Construction Expenses Eligib	le for Return		-						
	Return on Average Net Unamortized CWIP Eligilble	for Return (c)								
а	. Equity Component (a)									
b	. Equity Comp. grossed up for taxes (b)			-						
с	. Debt Component			-						
<b>5</b> .	Total Return Requirements (Line 5b + 5c)			-						
<b>.</b>	Total Costs to be Recovered									
3.	CWIP Additions & Amortization from most recent F	Projections	-	-	-	-	-	-	-	
9.	Difference (Line 7 - Line 8)									

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(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)<sup>1/12</sup> 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 tion Costs and C ctual & Estimated		on Constructio	on Cost Bala	nce			[Section (5)(c)	1.b.]
OMPANY: PROGRESS ENERGY - FL		on construction carrying costs	culation of the a expenditures, on construction reviously filed e	based on act expenditures	tual/estimated s for the currer	, ,		For the Year E	inded 12/31/2008
OCKET NO.: 080009 - EI								Witness: Lori (	Cross
ine Io.	(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Projected April	(F) Projected May	(G) Projected June	(H) Total to Date	
				urisdictional [	Dollars				
. Nuclear CWIP Additions (Schedule AE-6 Line 70)	\$ 55,561,072	<b>\$</b> - :	5 - S	39,826	\$ 19,434	\$ 57,566	\$ 86,020	\$ 55,763,917	
. Transfers to Plant in Service	-	-	-	-	-	-	-	-	
. Other Adjustments (d)	787,441.17	367,080	402,114	404,965	407,977	411,080	414,267	3,194,923	
. CWIP Base Eligible for Return (PM CWIP Bal. + Line 1 - 2 + 3)		\$56,715,593	\$57,117,706	\$57,562,497	\$57,989,908	\$58,458,553	\$58,958,840	\$58,958,840	
Average Net CWIP Additions		\$56,715,593	\$57,117,706	\$57,542,584	\$57,980,191	\$58,429,770	\$58,915,830		
. Return on Average Net CWIP Additions (c)									
a. Equity Component (a)		309,894	312,091	314,413	316,804	319,260	321,916	1,894,378	
b. Equity Comp. grossed up for taxes (b)		504,508	508,085	511,864	515,757	519,756	524,080	3,084,051	
c. Debt Component		92,220	92,873	93,564	94,276	95,007	95,797	563,737	
. Total Return Requirements (Line 6b + 6c)		596,728	600,958	605,429	610,033	614,763	619,877	3,647,788	
. Total Return Requirements from most recent Projections		-	-	-	-	-	-	-	
. Difference (Line 7 - Line 8)		\$ 596,728	\$ 600,958 \$	605,429	\$ 610,033	\$ 614,763	\$ 619,877	\$ 3,647,788	

(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  $M = [(1 + A/100)^{1/12} \cdot 1] \times 100$ ; resulting in a monthly accrual rate of 0.005464 (Equity) and 0.001626 (Debt), which results in the annual rate of 8.848%. (d) Amount includes the debt and equity component on a one monthly lag that needs to be included in our monthly CWIP balance to calculate the return requirements.

Page 1 of 2

<u>3ched</u>	Pre-Const	ruction Costs and C Actual & Estimate		on Construct		ance			[Section (5)(c)	1.b.]
COMP	DA PUBLIC SERVICE COMMISSION EX PANY: PROGRESS ENERGY - FL TET NO.: 080009 - EI	PLANATION:	on constructio carrying costs		s, based on ac n expenditure	tual/estimated	, ,		For the Year E Witness: Lori	Ended 12/31/2008 Cross
-ine ∖io.		(1) Beginning of Period	(J) Projected July	(K) Projected August	(L) Projected September	(M) Projected October	(N) Projected November	(O) Projected December	(P) Total to Date	
					Jurisdictional	Dollars		····		
1.	Nuclear CWIP Additions (Schedule AE-6 Line 70)	\$ 55,763,917	<b>\$</b> 139,548	\$ 162,517	\$ 322,834	\$ 774,608	\$ 924,909	\$ 4,834,667	\$ 62,923,001	
2.	Transfers to Plant in Service	-	-	-	-	-	-	-	-	
3.	Other Adjustments (d)	3,194,923	417,713	421,474	425,534	430,271	437,212	446,337	5,773,464	
<b>\$</b> .	CWIP Base Eligible for Return (PM CWIP Bal. + Line 1 - 2	+ 3)	\$59,516,101	\$60,100,093	\$60,848,460	\$62,053,340	\$63,415,461	\$68,696,465	\$68,696,465	
5	Average Net CWIP Additions		\$59,446,327	\$60,018,834	<b>\$</b> 60,687,043	\$61,666,035	\$62,953,006	\$66,279,131		
3.	Return on Average Net CWIP Additions (c)									
á	a. Equity Component (a)		324,815	327,943	331,594	336,943	343,975	362,149	3,921,797	
ł	p. Equity Comp. grossed up for taxes (b)		528,799	533,892	539,836	548,544	559,992	589,580	6,384,694	
(	c. Debt Component		96,660	97,591	98,677	100,269	102,362	107,770	1,167,065	
<b>'</b> .	Total Return Requirements (Line 6b + 6c)		625,459	631,482	638,513	648,813	662,354	697,349	7,551,759	
3.	Total Return Requirements from most recent Projections		-	-	-	-	-	-	-	
€.	Difference (Line 7 - Line 8)		\$ 625,459	\$ 631,482	\$ 638,513	\$ 648,813	\$ 662,354	\$ 697,349	\$ 7,551,759	•

Levy County Nuclear Filing

(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)<sup>1/12-</sup> 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) Amount includes the debt and equity component on a one monthly lag that needs to be included in our monthly CWIP balance to calculate the return requirements.

Page 2 of 2

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#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Deferred Tax Carrying Costs

Sche		timated Filing: Defe						I	Section (5)(c	;)1.b.]
	IDA PUBLIC SERVICE COMMISSION PANY: PROGRESS ENERGY - FL	EXPLANATION:		calculation x Carrying C				1	For the Year	Ended 12/31/2008
DOC	KET NO.: 080009 - EI								Witness: Lori	i Cross
Line No.		(A) Beginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Projected April	(F) Projected May	(G) Projected June	(H) 6 Month Total	
1.	Construction Period Interest (Schedule AE-3B, Line 5)		<b>S</b> -	\$ -	Jurisdictiona	\$ 638	\$ 1,863	\$ 3,538	\$ 6,039	
<b>2</b> .	Recovered Costs Excluding AFUDC (Schedule AE-2, Line 1+ Line 3)		-	-	-	-	-	-	-	
3.	Other Adjustments (d)		(\$92,220)	(\$92,873)	(\$93,700)	. <b>(\$137,830)</b>	(\$219,270)	(\$268,874)	(904,768)	
4.	Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	\$ (264,775	) (\$356,995)	(\$449,868)	(\$543,568)	(\$680,760)	(\$898,167)	(\$1,163,504)	(\$4,092,861)	
5	Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate	) (\$102,137	) (\$137,711)	(\$173,537)	(\$209,681)	(\$262,603)	(\$346,468)	(\$448,822)	n/a	
6.	Average Accumulated DTA		(\$119,924)	(\$155,624)	(\$191,609)	(\$236,142)	(\$304,536)	(\$397,645)		
7.	Carrying Costs on DTA (c)									
	a. Equity Component (a)		(655)	(850)	(1,047)	(1,290)	(1,664)	(2,173)	(7,680)	
	b. Equity Comp. grossed up for taxes (b)		(1,067)	(1,384)	(1,704)	(2,101)	(2,709)	(3,537)	(12,502)	
	c. Debt Component		(195)	(253)	(312)	(384)	(495)	(647)	(2,285)	
8.	Total Return Requirements (Line 7b + 7c)		(1,262)	(1,637)	(2,016)	(2,485)	(3,204)	(4,184)	(14,788)	
9.	Total Return Requirements from most recent Projections		-	-	-	-	-	-	-	
10.	Difference (Line 8 - Line 9)		\$ (1,262)	\$ (1,637)	\$ (2,016)	\$ (2,485)	\$ (3,204)	\$ (4,184)	\$ (14,788)	

(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)<sup>1/12-</sup> 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. ٠

#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Deferred Tax Carrying Costs

Sche	ule AE-3A	stimated Filing: Def							[Section (5)(c)	I.b.]
	IDA PUBLIC SERVICE COMMISSION PANY: PROGRESS ENERGY - FL	EXPLANATION:			of the Actua Costs for the		 I		For the Year E	nded 12/31/2008
DOC	ET NO.: 080009 - EI								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.	Construction Period Interest (Schedule AE-3B, Line 5)		\$ 5,668	\$ 7,757	\$ 10,003	<b>\$</b> 12,267	<b>\$</b> 16,242	\$ 22,033	\$ 80,008	
2.	Recovered Costs Excluding AFUDC (Schedule AE-2, Line 1+ Line 3)		-	-	-	-	-	-	-	
-	Other Adjustments (d)		(284,754)	(295,543)	(335,504)	(373,738)	(386,003)	(409,754)	(2,990,064)	
	Tax Basis Less Book Basis (Prior Mo Balance + Line 1 + 2 + 3)	(\$4,092,86	) (\$4,371,947)	(\$4,659,734)	(\$4,985,235)	(\$5,346,706)	(\$5,716,467)	(\$6,104,188)	n/a	
5	Deferred Tax Asset (DTA) on Tax Basis in Excess of Book (Line 4 * Tax Rate	e) (\$1,578,82	) (\$1,686,479)	(\$1,797,492)	(\$1,923,055)	(\$2,062,492)	(\$2,205,127)	(\$2,354,690)	n/a	
i.	Average Accumulated DTA		(\$1,632,650)	(\$1,741,985)	(\$1,860,273)	(\$1,992,773)	(\$2,133,809)	(\$2,279,909)		
	Carrying Costs on DTA (c)									
	a. Equity Component (a)		(8,921)	(9,518)	(10,165)	(10,889)	(11,659)	(12,457)	(71,288)	
	b. Equity Comp. grossed up for taxes (b)		(14,523)	(15,496)	(16,548)	(17,727)	(18,981)	(20,281)	(116,057)	
	c. Debt Component		(2,655)	(2,832)	(3,025)	(3,240)	(3,470)	(3,707)	(21,214)	
3.	Total Return Requirements (Line 7b + 7c)		(17,178)	(18,328)	(19,573)	(20,967)	(22,451)	(23,988)	(137,271)	
).	Total Return Requirements from most recent Projections		-	-	-	-	-	-	-	
10.	Difference (Line 8 - Line 9)		\$ (17,178)	\$ (18,328)	<b>\$</b> (19,573)	\$ (20,967)	\$ (22,451)	\$ (23,988)	\$ (137,271)	

(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  $M = [(1 + A/100)^{1/12} 1] \times 100$ ; 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. •

Sched	ule AE-3B	Levy Cou Pre-Construction ( Actual & Estimated I	Costs and			ction Cost B	alance			[Section (5)(c)1.b.]
	DA PUBLIC SERVICE COMMISSION ANY: PROGRESS ENERGY - FL	EXPLANATIO	N:		lculation of the Period Interest fo					For the Year Ended 12/31/2008
зоск	ET NO.: 080009 - EI									Witness: Lori Cross
_ine No.			(A) leginning of Period	(B) Actual January	(C) Actual February	(D) Actual March	(E) Projected April	(F) Projected May	(G) Projected June	(H) 6 Month Total
						Jurisdictiona	I Dollars			
١.	Beginning Balance			\$ -	¢ -	<b>&gt;</b> -	\$ -	\$ 262,508	\$ 504,391	
2.	Additions Preconstruction			-	-	-	262,508	241,883	447,202	951,593
8.	Additions Construction			-	-	-	-	-	-	-
ŀ.	Other Adjustments			-	-	-	-	-	-	
<b>j</b> .	Ending Balance Excluding CPI	\$		\$	\$	\$ -	\$ 262,508	\$ 504,391	\$ 951,593	
<b>5</b> .	Average Balance Eligible for CPI			-	-	-	131,254	383,450	727,992	
	Monthly CPI Rate [Note 1]			0.004600	B 0.0048596	0.0048596	0.0048596	0.0048596	0.0048596	
3.	Construction Period Interest for Tax (CPI)			<u>s</u> -	\$	\$	\$ 638	\$ 1,863	\$ 3,538	\$ 6,039

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

Page 1 of 2

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Schedule AE-3B		& Estimated Filing: Co			cion Cost Bai				[Section (5)(c)1.b.]	
CORIDA PUBLIC SERVICE COM		EXPLANATION:	Provide the calc Construction Pe year.			sd			For the Year Ended 1	2/31/2008
DOCKET NO.: 080009 - EI									Witness: Lori Cross	
ine 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	
. Beginning Balance			<b>\$</b> 951,593	\$ 1,380,982	<b>\$ 1,</b> 811,308	\$ 2,305,386	\$ 2,743,213	<b>\$</b> 3, <del>9</del> 41,356		
2. Additions Preconstruction			429,389	430,326	494,078	437,827	430,326	417,201	3,590,740	
Additions Construction			-	-	-	-	767,817	767,817	1,535,634	
. Other Adjustments			-	-	-	-	-	-		
. Ending Balance Excluding	CPI	\$ 951,593	\$ 1,380,982	\$ 1,811,308	\$ 2,305,386	\$ 2,743,213	\$ 3,941,356	\$ 5,126,374	-	
Average Balance Eligible f	or CPI		1,166,287	1,596,145	2,058,347	2,524,300	3,342,285	4,533,865		
Monthly CPI Rate [Note 1]			0.0048596	0.0048596	0.0048596	0.0048596	0.0048596	0.0048596		
3. Construction Period Intere	t for Tax (CPI)		\$ 5,668	\$ 7,757	<b>\$</b> 10,003	\$ 12,267	\$ 16,242	\$ 22,033	\$ 80,008	

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

Page 2 of 2

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## Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Recoverable O&M Monthly Expenditures

#### Schedule AE-4

FLORIDA PUBLIC SERVICE COMMISSION

EXPLANATION: Provide the Actual/Estimated CCRC Recoverable O&M projected monthly expenditures by function for the current year.

COMPANY: PROGRESS ENERGY - FL

DOCKET NO .: 080009 - EI

			(A)		(B)		(C)	(D)		(E)	(F)		(G)		(H)	(I)	(J)	(K)		(L)	(M)
Line		A	ctual	F	ctual		Actual	Projected	Pro	ojected	Project	ed	Projected	Pre	ojected	Projected	Projected	Projected	Pro	ojected	12 Month
No.	Description	Ja	nuary	Fe	bruary		March	April		Мау	June		July	A	August	September	October	November	De	cember	Total
1	Accounting	\$	-	\$	-	\$	3,947	\$ 7,970	\$	10,725	\$ 7,	695	\$ 7,695	\$	7,787	\$ 7,604	\$ 10,725	\$ 8,063	\$	8,063 \$	80,273
2	Corporate Communications	\$	-	\$	-		2,434	25,760		56,076	25,	271	25,271		25,434	25,108	30,651	25,923		25,923	267,851
3	Corporate Planning	\$	-	\$	-	\$	9,087	\$ 19,126	\$	24,064	\$ 17,	482	\$ 16,982	\$	17,197	\$ 17,268	\$ 24,814	\$ 19,341	\$	18,341	183,699
4	Corporate Services	\$	-	\$	-		-	-		-		-	-		-	-	-	-		-	-
5	External Relations	\$	-	\$	-		-	-		-		-	64,000		64,000	64,000	64,000	64,000		64,000	384,000
6	Human Resources	\$	-	\$	-		7,862	9,239		12,390		924	8,924		9,029	8,819	12,390	9,344		9,344	96,265
7	IT & Telecom	\$	-	\$	-		-	6,667		6,667	6,	667	6,667		6,667	6,667	6,667	6,667		6,667	60,000
8	Legal	\$	-	\$	-		-	52,000		-		-	15,000		-	-	-	-		-	67,000
9	Project Assurance	\$	-	\$	-		11,338	9,275		12,374	9,	329	8,965		9,068	10,236	12,374	9,378		10,753	103,087
10	Public Affairs	\$	-	\$	-		-	-		-			-		-	-	-	-		-	-
11	Subtotal A&G		-		-		34,668	130,036		122,295	75,	368	153,503		139,181	139,701	161,620	142,714		143,089	1,242,175
12	Energy Delivery Florida		-		-		-	-		-		-	-		-	-	-	-		-	-
13	Nuclear Generation		-		-		-	-		-		-	-		-	-	-	-		-	-
14	Transmission	\$	-	\$		\$	18,012			36,814					28,507	\$ 27,915		\$ 28,649		27,976 \$	
15	Total O&M Costs	\$	-	\$	-	\$	52,680	\$ 158,216	\$	159,109	<b>\$</b> 101,	,262	\$ 180,642	\$	167,688	\$ 167,616	\$ 198,577	\$ 171,363	\$	171,065	1,528,218
16	Jurisdictional Factor (A&G)		0.91670	)	0.9167	0	0.91670	0.91670	C	0.91670	0.9	1670	0.91670		0.91670	0.91670	0.91670	0.9167	0	0.91670	0.9167
17	Jurisdictional Factor (Distribution)		0.99597	,	0.9959	7	0.99597	0.99597	7	0.99597	0.9	9597	0.99597		0.99597	0.99597	0.99597	0.9959	7	0.99597	0.9959
18	Jurisdictional Factor (Nuclear - Production - Base)		0.93753		0.9375		0.93753	0.93753		0.93753		3753	0.93753		0.93753	0.93753		0.9375	3	0.93753	0.9375
19	Jurisdictional Factor (Transmission)		0.70597	·	0.7059	7	0.70597	0.70597	7	0.70597	0.7	0597	0.70597		0.70597	0.70597	0.70597	0.7059	7	0.70597	0.7059
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$	-	\$	-	\$	31,780	\$ 119,204	\$	112,108	\$ 69,	,090	\$ 140,716	\$	127,588	\$ 128,064	\$ 148,157	\$ 130,826	\$	131,170	\$ 1,138,702
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)		-		-		-	-		-		-	-		-	-	-	-		-	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line	1	-		-		-	-		-		-	-		-	-	-	-		-	-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	\$	-	\$	-	\$	12,716	\$ 19,894	\$	25,990		280	\$ 19,159			\$ 19,707				19,750	
24	Total Jurisdictional Recoverable O&M Costs	5	-	\$	-	\$	44,496	\$ 139,099	\$	138,097	\$ 87	,370	\$ 159,876	\$	147,713	\$ 147,771	\$ 174,247	\$ 151,051	\$	150,920	\$ 1,340,640
25	Average Monthly Recoverable O&M Balance	\$	-	\$	-	\$	22,248	\$ 114,099	\$	252,971	\$ 366,	,311	\$ 490,813	\$	645,785	\$ 795,077	\$ 957,994	\$ 1,122,943	s \$	1,276,624	
26	Monthly Short-term Commerical Paper Rate		0.34%	, 0	0.26	%	0.24%	0.24%	6	0.24%	0.	.24%	0.24%	,	0.24%	0.24%	0.24%	0.24%	6	0.24%	
27	Interest Provision	\$	-	\$	-	\$	53	<u>\$</u> 274	\$	607	\$	879	<b>\$</b> 1,178	\$	1,550	\$ 1,908	\$ 2,299	\$ 2,695	5\$	3,064	\$ 14,50
28	Total Monthly Recoverable O&M Costs	\$		\$	-	\$	44,550	\$ 139,372	\$	138,704	\$ 88.	,249	\$ 161,054	\$	149,263	\$ 149,679	\$ 176,546	\$ 153,740	j\$	153,984	\$ 1,355,14
29	Total Jurisdictional O&M Costs From Most Recent Projection		-		-		-	-		-		-	-		-	-	-	-		-	-
							_									\$ 149,679		\$ 153,746			\$ 1,355,14

Page 1 of 1

[Section (5)(c)1.b.]

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[Section (8)(d)]

For the Year Ended 12/31/2008

Witness: Lori Cross

Schedu	Pre-Construction C Actual & Estimate le AE-5															[Section	on (8)(d	)]	
FLORID	A PUBLIC SERVICE COMMISSION	EXPL		N:		Actual/Estim				ected									
СОМРА	NY: PROGRESS ENERGY - FL				montniy ex	openditures by	function for t	he current y	ear.						For the Yea	r Ende	ed 12/31	/200	8
DOCKE	T NO.: 080009 - EI														Witness: Lo	vri Cros	55		
		-	A)	(B)	(C)	(D)	(E)	(F)	(G)		(H)	(i)	(J)		(К)		L)		(M)
Line			tual	Actual	Actual		Projected	Projected	Project	ted F	Projected	Projected	Proje	cted	Projected	Proje	ected	121	Month
No.	Description	Jan	uary	February	March	April	May	June	July	r 	August	September	Octo	ber	November	Dece	ember	T	otal
1	Accounting	s		s -	s -	\$ 1,000	\$ 1.000	\$ 1,000	<b>\$</b> 1.0	000 \$	<b>1,000</b>	\$ 1,000	\$ 1	,000,	\$ 1,000	\$	1.000	e	9,000
2	Corporate Communications	•	-	• -	4,31		5,131	5,131		131	5,131	5,131		,000 5,131	5,131		5,131	Ψ	50,490
3	Corporate Planning		-	1,339	6,230		2,000	2,000		000	2,000	2,000		2.000	2.000		2,000		25,569
4	Corporate Services		-	·	-				-,-	-	-,	-	-	-	-		_,000		-
5	External Relations		-	-	-	-	-	-	-	-	-	-		-	-		-		-
6	Human Resources		-	-	-	-	-	-		-	-	-		-	-		_		-
7	IT & Telecom		-	-	-	-	-	-		-	-	-		-	-		-		-
8	Legal		2,877	50,850	5,543	3 (52,000)	2,000	2,000	) 2,0	000	2,000	2,000	2	2,000	2,000		2,000		23,270
9	Project Assurance		-	182	-		-	-		-	-	-		-	-		· -		182
10	Public Affairs		-	-	-	-	-	-		-	-	-		-	-		-		-
11	Subtotal A&G		2,877	52,371	16,084	4 (43,869)	10,131	10,131	10,1	131	10,131	10,131	10	),131	10,131	1	10,131		108,511
12	Energy Delivery Florida		-	-	-	-	-	-		-	-	-		-	-		-		-
13	Nuclear Generation		-	-	-	-	-	-		-	-	-		-	-		-		-
14	Transmission			\$ (395)			<u>\$</u> -	\$ -	\$	- \$	<b>\$</b> -	\$ -	\$	-	<u>\$</u> -	_\$		\$	13,547
15	Total O&M Costs	\$	10,307	\$ 51,976	\$ 22,59	6 \$ (43,869)	\$ 10,131	\$ 10,13	l \$ 10,1	131 💲	\$ 10,131	\$ 10,131	\$ 10	0,131	\$ 10,131	<b>\$</b> 1	10,131	\$	122,058
16	Jurisdictional Factor (A&G)	C	.91670	0.91670	0.9167	0 0.91670	0.91670	0.9167	0 0.91	670	0.91670	0.9167	0 0.9	91670	0.91670	0	.91670		0.91670
17	Jurisdictional Factor (Distribution)		.99597	0.99597							0.99597			99597	0.99597		.99597		0.99597
18	Jurisdictional Factor (Nuclear - Production - Base)		.93753	0.93753							0.93753			93753	0.93753		.93753		0.93753
19	Jurisdictional Factor (Transmission)		.70597	0.70597							0.70597			70597	0.70597		.70597		0.70597
20	Jurisdictional Recoverable Costs (A&G) (Line 11 X Line 16)	\$	2,637	\$ 48,008	\$ 14.74	4 \$ (40,215)	\$ 9,287	\$ 9,28	7 \$ 9,2	287	\$ 9,287	\$ 9,287	<b>\$</b>	9,287	\$ 9,287	s	9,287	\$	99,472
21	Jurisdictional Recoverable Costs (Distribution) (Line 12 X Line 17)	•	-	-	• ••,••	-	, • 0,201	-	• • •,•	-	-	-	• •	_	-	•	-	•	-
22	Jurisdictional Recoverable Costs (Nucl - Production - Base) (Line 13 X Line	ne		-	-	-	-	-		-	-	_		-	-		-		-
23	Jurisdictional Recoverable Costs (Transmission) (Line 14 X Line 19)	\$	5,245	\$ (279)	\$ 4,59	7 <b>\$</b> -	s -	s -	S	- 1	s -	s -	\$	-	<b>s</b> -	\$	-	\$	9,564
24	Total Jurisdictional Recoverable O&M Costs			\$ 47,730		1 \$ (40,215	\$ 9,287	\$ 9,28	7 \$ 9,2	287		\$ 9,287	\$ \$	9,287	\$ 9,287	\$	9,287	\$	109,036
25	Total Jurisdictional O&M Costs From Most Recent Projection	\$	-	\$-	\$-	<b>\$</b> -	<b>s</b> -	<b>\$</b> -	\$	- \$	<b>s</b> -	\$-	\$	-	<b>\$</b> -	\$	-	\$	-
26	Difference (Line 24 - 26)	\$	7,883	\$ 47,730	\$ 19,34	1 \$ (40,215	) \$ 9,287	\$ 9,28	7 \$ 9,2	287	\$ 9,287	\$ 9,287	7 \$ 9	9,287	\$ 9,287	\$	9,287	\$	109,036
											-								

Page 1 of 1

[Section (5)(c)1.b.]

#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balar Actual & Estimated Filing: Other Recoverable O&M Monthly Expenditu

Schedule AE-6				Levy County I struction Costs a Estimated Filing	ind Carrying Co		uction Cost Bal	ance				[Section (5)(c)1. [Section (8)(d)] REDACTE[	-	
FLORIDA PUBLIC SERVICE COMMISSION		E	XPLANATION		myide the actual	estimated month	ly expenditures by	major tasks perfo				REDACTEL		
COMPANY: PROGRESS ENERGY - FL		-			vithin Site Selection or the current year	n, Preconstructio	on and Constructio	n categories				For the Year En	ded 12/31/2008	
DOCKET NO - MADOOD EL				A	Il Site Selection of	xosts also include	d in Pre-Construct	ion costs must be	identified.					
DOCKET NO.: 080009 - EI												Witness: Lori Cr	70SS	
	(A		(B)	(C)	(D)	(E)	(F)	(G)	(H)	()	(J)	(K)	(L)	(M)
Line No. Description	Actu Janu		Actual February	Actual March	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	Projected	12 Month
	Janu	ary	reducity	Maigh	April	Мау	June	July	August	September	October	November	December	Total
1														
3														
4 Pre-Construction:														
5 <u>Generation:</u> 6 License Application														
7 Engineering, Design & Procurement			<u> </u>	\$ 1,846,845	<b>\$</b> 5,015,000	\$ 3,316,000	\$ 5,828,000	\$ 1,336,000	\$ 1,058,000	\$ 3,765,000	<u>\$ 1,449,000</u>	\$ 1,393,000	\$ 4,149,000 \$	\$ 29,155,845
8 Permitting		-	•			· ·								
9 Clearing, Grading and Excernition 10 On-Site Construction Facilities		-			-		-	-	-	-	-	-	-	
10 On-Site Construction Facilities 11 Total Generation Costs	<u> </u>	. :		2 .	\$ 280,000	\$ 258,000	\$ 477,000	\$ 458,000	\$ 459,000	\$527,000	\$ 467,000	\$ 459,000	\$ 445,000 \$	\$3,830,000
12 Lass Adjustments:														
13 Non Cash Accruais 14 Other		-	-	1,718,562	6,208,200	1,554,440	(86,400)	(702,000)	(3,406,500)	2,698,200	359,100	(2,196,000)	2,410,200	8,557,802
14 Other 15 Net Generation Costs	-			\$ 128,283		* 48 400 EC1	-		-	-				
16 Juriadictional Factor	- <b>*</b>	93753	0.93753		\$ 56,745,800 0.93753	\$ 48,488,561 0.93753		\$ 3,496,000 0,93753	<u>\$ 6,423,500</u> 0.93753	\$ 40,924,800 0.93753	\$ 3,056,900 0.93753	\$ 5,548,000 0.93753	\$ 13,242,800 \$ 0.93753	\$ 191,967,044 0.93753
17		-								0.00100	0.00700	0.00703	0.30733	0.33733
18 Total Juriedictional Generation Costs 19														
20 Transmission:														
21 Line Engineering	\$	- :	<b>5</b> -	\$ 173,570	\$ 268,272	\$ 265,272	\$ 596,862	\$ 596,862	\$ 663,180	\$ 729,498	\$ 729,498	\$ 862,134	\$ 994,770 \$	\$ 5,879,918
22 Substation Engineering 23 Clearing		-	-	18,693	155,636	198,954	464,226	596,862	663,180	862,134	994,770	1,127,406	1,326,360	6,408,221
23 Cleaning 24 Other	5		• -	- \$ 352,977	\$ 114,824	\$ 73.687	\$ 73,687	\$ 73,687	• \$ 73,687	s 73,687	\$ 73,687	\$ 73,687	\$ 73,687	-
25 Total Transmission Costs	ŝ		<u>s</u> .	\$ 545,240					\$ 1,400,047		\$ 1,797,955		\$ 2,394,817	\$ 1,057,294 \$ 13,345,433
26 Less Adjustments:				_										
27 Non Cash Accruais 28 Other		-	•	479,744	484,859	(6,595)	536,438	656,548	238,745	358,117	358,117	358,117	537,176	4,001,267
29 Net Transmission Costs	\$		s -	\$ 65,496	\$ 53,873	\$ 544,507	\$ 598,336	\$ 610,862	\$ 1,161,302	\$ 1,307,201	\$ 1,439,837	\$ 1,705,109	\$ 1,857,641	\$ 9,344,166
30 Juriedictional Factor	Ö	70597	0.70597		0.70597	0.70597		0.70597	0.70597	0.70597	0.70597	0.70597	0.70597	0.70597
31 32 Total Jurisdictional Transmission Costa	5				\$ 38,033				<u> </u>					
32 Total Jonsoicaional Transmission Colda 33	•		<b>s</b> -	\$ 46,238	38,033	\$ 384,406	\$ 422,407	\$ 431,251	\$ 819,844	\$ 922,845	\$ 1,016,482	\$ 1,203,756	\$ 1,311,439	\$ 6,596,701
34 Total Juriedictional Preconstruction Costs	í de la compañía de la													
35														
36 <u>Construction</u> ; 37 <u>Generation</u> ;														
38 Real Estate Acquisitions	\$	- :	\$ 13,655	\$ 53,284	s -	s -	s -	<b>s</b> -	s -	\$ 500,000	\$ 4,476,000	<b>s</b> -	<b>s</b> - 9	\$ 5,042,939
39 Project Management 40 Permanent Staff/Craining		-	-	-			-			-			-	
40 Permanent Staff/Training 41 Site Preparation		2		-	11,000	11,000	11,000	91,000	91,000	91,000	91,000	91,000	90,000	578,000
42 On-Site Construction Facilities		-	-	-	-	-	-	-	-	-	-	-	-	-
43 Power Block Engineering, Procurement, etc.	-	-							-		-	-		-
44 Non-Power Block Engineering, Procurement, etc 45 Total Generation Costs	۳ <u>۶</u>		<u>\$</u> 13,655	\$ 53.284	<u>\$ -</u> \$ 11,000	<u>\$</u>	\$	\$ - \$ 91,000	\$ - \$ 91,000	<u>s -</u> s 591.000	\$ 4,567,000	<u>\$</u> - \$ 91.000	<u> </u>	<u> </u>
46 Less Adjustments:	•				•					• •		•		
47 Non Cash Accruais		-	13,655	10,911	(2,390)	(38,056)	) -	72,000	72,000	450,000	4,028,400	(450,000)	(4,029,300)	127,221
48 Other 49 Not Generation Costs	\$		<u>-</u>	\$ 42,373	s 13,390	\$ 49,056	\$ 11,000	\$ 19,000	\$ 19,000	s 141,000	\$ 538,600	\$ 541,000	\$ 4,119,300	\$ 5,493,718
50 Jurisdictional Factor	<u> </u>	93753	0.93753		0.93753	0.93753		0.93753	0.93753	0.93753	0.93753			0.9375
51												-		
52 Total Juriedictional Generation Costs 53	\$		<b>\$</b> -	\$ 39,726	\$ 12,553	\$ 45,991	<b>\$</b> 10,313	\$ 17,813	\$ 17,813	\$ 132,192	\$ 504,954	\$ 507,204	\$ 3,861,967	\$ 5,150,526
53 54 <u>Transmission:</u>														
55 Line Engineering	\$	- :	<b>s</b> -	<b>s</b> -		s -	s -				\$ -	\$ -		s .
56 Substation Engineering 57 Real Estate Acquisition		-	-	-	69,718	116,197	139,437	185,916	209,155	255,634	302,113 761,324	371,831 1,087,606	441,549 1,413,888	2,091,550 3,262,818
57 Keel Estate Acquisition 58 Line Construction		-	-	-	-	-	-	-	-	-		-	-	-
59 Substation Construction		-										1,087,606	1,087,606	2,175,212
60 Other 61 Total Transmission Contra	<u> </u>		<u>s</u> -	\$ 142 \$ 142						\$ 102,254 \$ 357,887	\$ 120,845 \$ 1,184,282			\$ 836,620 \$ 8,366,200
61 Total Transmission Costs 62 Loss Adjustments;	•		• •	ə 142	\$ 97,464	102,076		a 200,202	<ul><li>232,017</li></ul>	a 201,001	a 1,104,202	÷ 2,030,770	a 2,113,003	
63 Non Cash Accruais		-	-	-	87,717	146,281	87,973	87,845	87,845	87,845	802,319	2,104,099	1,741,843	5,233,767
64 Other 65 Net Transmission Costs			<u> </u>		- -	\$ 16,395	\$ 107,238	\$ 172,437	\$ 204,972	\$ 270,042	\$ 381,964	\$ 591,676	\$ 1,377,820	\$ 3,132,433
65 Net Transmission Costs 66 Jurisdictional Factor	<u> </u>	.70597	s - 0.70597	\$ 142 7 0,70597	\$ 9,746 0.70597	\$ 16,395 0.70597		\$ 172,437 0,70597	\$ 204,972 0.70597	<u>\$ 270,042</u> 0.70597	\$ 381,964 0.70597		\$ 1,377,820 0.70597	3 3,132,433 0.7059
67														
68 Total Jurisdictional Transmission Costs 69	\$		s -	\$ 100	\$ 6,881	\$ 11,575	\$ 75,707	\$ 121,735	\$ 144,704	\$ 190,642	\$ 269,655	\$ 417,706	\$ 972,700	\$ 2,211,404
69 70 Total Juriadictional Construction Costs	s		s 2	\$ 39,826	\$ 19,434	\$ 57,566	\$ 86,020	\$ 139,548	\$ 162,517	\$ 322,834	\$ 774,608	\$ 924,909	\$ 4,834,667	\$ 7,361,929
	<u> </u>		-	<u></u>		51,500							- 1,001,007 ·	

Schedule AE-6A	Pre-Construction Costs and Carry	ounty Nuclear Filing ng Costs on Construction Cost Balance ling: Monthly Expenditures	[Section (5)(c)1.b.] [Section (8)(d)]
FLORIDA PUBLIC SERVICE COMMISSION COMPANY: PROGRESS ENERGY - FL DOCKET NO.: 080009 - EI	EXPLANATION:	Provide a description of the major tasks performed within Site Selection, Preconstruction and Construction categories for the current year.	For the Year Ended 12/31/2008 Witness: Lori Cross
Line No. Major Task	Description - Includes, but is not limited to:		
Pre-Construction:       2     Generation:       3     License Application       4     Engineering & Design       5     Permitting       6     Clearing, Grading and Excavation       7     On-Site Construction Facilities       8     9       9     Transmission:       10     Line Engineering       11     Substation Engineering       12     Clearing       13        14     Other       15        16     Construction:	Engineering & Design associated with the Site Layout, Power Block Obtain required permits for new plant (i.e. site certification permits, Clearing, grading, excavation, backfill, onsite disposal, drainage an includes the installation of warehouses necessary during construction Internal engineering labor, contracted engineering labor, survey and Internal engineering labor, contracted engineering labor and all other	environmental permits, etc.) d erosion control. Construction park lots, laydown areas and access roads. on (electrical shop, carpenter shops, etc.), construction power and lighting. d all other costs associated with engineering transmission lines. er costs associated with substation and protection and control (relay) engineering. Instruction of transmission lines, costs associated with building access roads to th	
17       Generation:         18       Real Estate Acquisition         19       Project Management         20       Permanent Staff/Training         21       Site Preparation         22       On-Site Construction Facilities         23       Power Block Engineering, Procurement, etc.         24       Non-Power Block Engineering, Procurement, etc.         25       State	includes the installation of warehouses necessary during constructi The cost of constructing and procuring the nuclear power block (rea	ation and construction. Remedial work for plant foundation and foundation substra on (electrical shop, carpenter shops, etc.), construction power and lighting. actor vessel, containment vessel, cooling towers, etc.) cluding structural, electrical, mechanical, civil and security items.	ata.
26         27 <u>Transmission:</u> 28       Line Engineering         29       Substation Engineering         30       Real Estate Acquisition         31       Line Construction         32       Substation Construction         33       Other	See description on Line 10. See description on Line 11. Land, route siting, survey, appraisal, title commitments, acquisition Contracted construction labor, structures and materials, equipment Contracted construction labor, structures and materials, equipment See description on Line 14.	, permitting, eminent domain support and ordinance review costs. and all other costs associated with construction of transmission lines. and all other costs associated with substation and protection and control (relay) c	construction. Page 1 of 1

Schedul	e AE-6B	Pre-Construct		clear Filing Costs on Construction Cost Bai filing: Variance Explanations	ance	[Section (8)(d)] REDACTED
LORID	A PUBLIC SERVICE COMMISSION	EXPLA	NATION: Pro	vide annual variance explanations cor	nparing the actual/estimated	
	NY: PROGRESS ENERGY - FL		ехр	enditures to the most recent projection with the Commission.		For the Year Ended 12/31/2008
	T. FROORESS ENERGY - FL		nec	with the Commission.		For the real Ended 1213 112000
OCKET	T NO.: 080009 - EI					Witness: Lon Cross
ine		(A) Total	(B) Total	(C)	(D)	
10.	_	Actual/Estimated	Projected	Total Variance	Explanation	
2 3	Site Selection:					
	Pre-Construction:					
	Generation: License Application	\$ 29,155,845	<b>S</b> -	\$ 29,155,845	Note 1	
	Engineering & Design	<b>3</b> 23,133,843	, <u>-</u>	\$ 29,135,845	Note 1	
	Permitting				N/A	
	Clearing, Grading and Excavation	_	-	-	N/A	
)	On-Site Construction Facilities	3,830,000		3,830,000	Note 1	
1	Total Generation Costs	3,000,000	<u>s</u> -	3,030,000		
2						
3	Transmission					
4	<u>_Transmission:</u> Line Engineering	\$ 5,879,918	S -	\$ 5,879,918	Note 1	
+ 5	Substation Engineering	•	<b>ə</b> -	6,408,221	Note 1	
5 6	Clearing	6,408,221	-	0,400,221	NA	
o 7	Other	1 057 204	-	4.057.004	N/A Note 1	
		1,057,294		1,057,294 <b>\$</b> 13,345,433	NOLE 1	
8	Total Transmission Costs	<u>\$ 13,345,433</u>	<u> </u>	\$ 13,345,433		
9						
D	Construction:					
1	Generation:		-			
2	Real Estate Acquisitions	\$ 5,042,939	s -	\$ 5,042,939	Note 1	
3	Project Management	-	-		N/A	
4	Permanent Staff/Training	578,000	-	578,000	Note 1	
5	Site Preparation	•	•	-	N/A	
6	On-Site Construction Facilities	-	-	-	N/A	
7	Power Block Engineering, Procurement, etc.	-	-	-	Note 1	
8	Non-Power Block Engineering, Procurement, etc.		<u> </u>		N/A	
9	Total Generation Costs	\$ 5,620,939	<u>s</u>	\$ 5,620,939		
0						
1	Transmission:					
2	Line Engineering	<b>\$</b> -	\$ -	\$ -	N/A	
3	Substation Engineering	2,091,550	-	2,091,550	Note 1	
4	Real Estate Acquisition	3,262,818	-	3,262,818	Note 1	
5	Line Construction	-	-	-	N/A	
36	Substation Construction	2,175,212	-	2,175,212	Note 1	
7	Other	836,620	<u> </u>	836,620	Note 1	
8	Total Transmission Costs	\$ 8,366,200	\$ -	\$ 8,366,200		

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

Page 1 of 1

Schedule AE-7	Actual & E	stimated Filing: Technology Selected	[Section (8)(b)]
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 12/31/2008
DOCKET NO.: 080009 - 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.

COMPANY DOCKET I No. Con 0000 0000 2 0000 3 0000 3 0000 4 0002 0000 5 0000 001	A PUBLIC SE VY: PROGRI (NO.: 06000 (A) (A) 003382- 128 300968- 004 300968-	ESS ENERG	umission		& Estimated	and term of the o	Executed contracts execute ription of the wor contract, the meth	dance d in success of \$1 min hot of vendor selects mice, and current at (H) Estimate of Final Contract Amount	lion on, stua (1) Neme of Contractor (and Afflation if any) Westinghouse Electric Co LLC. Stone & Webster Inc.	Sole Source. Award based on selected vendor from the technology selected Sole Source. Award based on selected vendor from the technology selected	(K) (K) Work Description Lawy Price Finalizati support Lawy Price Finalizati
Line No. Con 1 0001 2 003 0001 4 002 000 5 000 001	A PUBLIC SE VY: PROGRI (N): 08000 (A) (A) 3003302- 128 300968- 002 255934	ESS ENERG 19 - El (B) Status of Contract Issued Issued	GY - FL (C) Original Term of	EXPLANATIO (D) Current Term of	XN: (E) Original	Provide a list of o including, a desc and term of the o the identity and a of the contract. (F) Actual Expended as of Prior Year	contracta execute ription of the wor contract, the meth affiliation of the ve (G) Estimate of amount to be Expanded in Current Yeer	1k, the dollar value hod of vendor selection and current st (H) Estimate of Final	lion on, stua (1) Neme of Contractor (and Afflation if any) Westinghouse Electric Co LLC. Stone & Webster Inc.	For the Year Ended 1231/ Witness: Daniel Roderick// (J) Sole Source. Award besed on selected vendor from the lachnology selected Sole Source. Award besed on selected vendor from the lachnology selected	(K) (K) Work Descriptio Lawy Price Finaliza support Lewy Price Finaliza
COMPANY DOCKET I No. Con 0000 0000 2 0000 3 0000 3 0000 4 0002 0000 5 0000 001	VY: PROGRI (NO.: 08000 (A) (A) (A) (A) (A) (A) (A) (A) (A) (A)	ESS ENERG 19 - El (B) Status of Contract Issued Issued	GY - FL (C) Original Term of	(D) Current Term of	(E) Original	including, a desc and term of the o the identity and i of the contract. (F) Actual Expended as of Prior Year	ription of the wor contract, the meth affiliation of the ve (G) Estimate of amount to be Expanded in Current Year	1k, the dollar value hod of vendor selection and current st (H) Estimate of Final	(I) (I) Neme of Contractor (and Affiliation II any) Westinghouse Electric Co LLC. Stans & Webster Inc.	(J) (J) Method of Selection Sele Source. Award besed on selected vendor from the lachnology selected Sele Source. Award besed on selected vendor from the lachnology selected	(K) (K) Work Descriptio Lawy Price Finaliza support Lewy Price Finaliza
Line No. Con 1 0000 0012 2 0036 000 3 003 000 4 002 000 4 002 000 5 000 001	(A) antract No. 003382- 128 300968- 004 300968- 002 255934-	(B) Status of Contract Issued Issued	Original Term of	Current Term of	Original	(F) Actual Expanded as of Prior Year	Estimate of amount to be Expanded in Current Year	Estimate of Final	(I) Name of Contractor (and Affitizion if any) Westinghouse Electric Co. I.I.C. Stone & Webster Inc.	(J) Method of Selection Sele Source. Award besed on selected vendor from the lachnology selected Sele Source. Award besed on selected vendor from the lachnology selected	(K) Work Descriptio Lavy Price Finaliza support Lavy Price Finalizz
No. Con 1 0000 0012 2 0038 0001 3 003 0001 4 002 000 5 000 001	antract No. 003382- 128 300968- 004 300968- 002 255934-	Status of Contract Issued Issued	Original Term of	Current Term of	Original	Actual Expended as of Prior Year	Estimate of amount to be Expanded in Current Year	Estimate of Final	Name of Contractor (and Afiliation if any) Westinghouse Bectric Co. LLC. Stone & Webster Inc.	Method of Selection Sole Source. Award besid on selected vendor from the technology selected Sole Source. Award besid on selected vendor from the technology selected	Work Descriptio Lavy Price Finaliza support Lavy Price Finalizz
No. Con 1 0000 0012 2 0038 0001 3 003 0001 4 002 000 5 000 001	antract No. 003382- 128 300968- 004 300968- 002 255934-	Contract Issued Issued Issued							(and Alfiliation if any) Westinghouse Electric Co. LLC. Stone & Webster Inc.	Sole Source. Award based on selected vendor from the technology selected Sole Source. Award based on selected vendor from the technology selected	Levy Price Finaliza support Levy Price Finaliza
1 0000 0012 2 0034 0000 3 0030 0000 4 002 0000 5 0000 001	003382- 128 300968- 004 300968- 002 255934-	Issued Issued							Electric Co. LLC. Stans & Webster Inc.	based on selected vendor from the technology selected Sole Source. Award based on selected vendor from the technology selected	support Levy Price Finalizz
000 3 003 600 4 002 000 5 000 001	004 300968- 002 1255934-	Issued								Sole Source, Awerd based on selected vendor from the technology selected	
4 002 000 5 000 001	002								Ch		
000 5 000 001		lasued							Stone & Webster Inc.	Sole Source. Award based on selected vendor from the technology selected	Levy Phase 1A - Conceptual Desig and site characterization
001									Jaint Ventute Team (Sergent & Lundy, CH2M Hill, & Worley Persona) - 00255934 00003)	RFP. Competitive Bid & Evaluation process. Low Cost bidder accepted.	Combined Operat License Applicatio (COLA) preparer
000	0080678- 0111 0262141- 1003	Issued							Golder Associates Inc. Power Engineers Inc.	Sole Sourced Sole Sourced	LNP Transmissio Corridor Study Line and Substati Design Study Su
7	1300968-06		-						Stone & Webster Inc	Sole Source, Award based on selected vendor from the lechnology selected	
8	1300366-06	<u>Issued</u>								Sole Source, Award based on selected vendor from the technology selected	
9	0300968-07	lasued							Westinghouse Electric Co. LLC.	Sole Source, Award based on selected vendor from the technology	- r
9	0003382-14									based on selected vendo	
10 00	0255934-	Issued							Joint Venture Team (Sargent & Lundy,	RFP. Competitive Bid & Evaluation process. Low	
00	0003								(Sargent & Lundy, CH2M Hill, & Worley Parsons) - 0025593	y Cost bidder accepted.	( spaces

Note: Original amount for contract nor, 00255534-00002 reflects cost of COLA prior to final site selection work being completed.

Page 1 of 1

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Schedule AE-8A		REDACTED
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, heid deviations of the selected vendor.	For the Year Ended 12/31/2008
DOCKET NO.: 080009 - El	brief description of vendor selection process, and current status 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 can be issued.

Dollar Value:

Contract Status:



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



Nature and Scope of Work:



Page 1 of 10

[Section (8)(c)]

Schedule AE-8A		REDACTED
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	
COMPANY: PROGRESS ENERGY - FL	affiliation with selected vendor, the method of vendor selection,	For the Year Ended 12/31/2008
DOCKET NO.: 080009 - El	brief description of vendor selection process, and current status	
DOCKET NO.: 080009 - 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 (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>

Nature and Scope of Work:

Page 2 of 10

[Section (8)(c)]

4

Schedule AE-8A		REDACTED
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	
COMPANY: PROGRESS ENERGY - FL	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.: 080009 - EI	of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00300968-00002

Major 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:



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 10

[Section (8)(c)]

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Schedule AE-8A		REDACTED
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.: 080009 - EI	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00255934-00002

Major Task or Tasks Associated With: 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 Parsons

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

Dollar Value:

Contract Status: 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 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.

Page 4 of 10

[Section (8)(c)]

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Schedule AE-8A		REDACTED
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	
COMPANY: PROGRESS ENERGY - FL	affiliation with selected vendor, the method of vendor selection,	For the Year Ended 12/31/2008
DOCKET NO.: 080009 - El	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Date Oliver

Contract No.: 00080678-00111

Major 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.

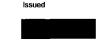
Brief Description of Selection Process: Upon receipt of proposal, Supply Chain and company management representatives reviewed the proposal's technical scope, schedule, and cost. A single source justification memo was prepared and approved based on the vendor's involvement since inception of the project 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 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

Page 5 of 10

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[Section (8)(c)]

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Schedule AE-8A	•	REDACTED
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, heigh densities of the relation to the selection with the selection.	For the Year Ended 12/31/2008
DOCKET NO.: 080009 - E1	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Date 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.

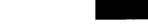
Brief Description of Selection Process: A contract requisition was developed by Transmission Ops and Planning (TOPS) Project Support. The requisition documents final agreed upon scope, schedule, cost, and established project controls. The requisition was approved by the appropriate level of Progress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

Dollar Value:



Contract Status: Issued

<u>Term Begin:</u> <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

Page 6 of 10

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[Section (8)(c)]

Levy County Nuclear Filing
Pre-Construction Costs and Carrying Costs on Construction Cost Balance
Actual & Estimated Filing: Contracts Executed

Schedule AE-8A		REDACTED
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.: 080009 - El	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

Contract No.: 00003382-00148

Major Task or Tasks Associated With:

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: N/A

Brief Description of Selection Process: Per approved Letter of Intent.

Dol	lar 🛛	Va	lue:

Contract Status: Issued

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

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#### Nature and Scope of Work:

Page 7 of 10

[Section (8)(c)]

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	Actual & Estimated Filing: Contracts Executed	[Section (8)(c)]
Schedule AE-8A		REDACTED
FLORIDA PUBLIC SERVICE COMMISSION	EXPLANATION: Provide additional details of contracts executed in excess of \$1 million	n
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.: 080009 - EI	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

#### Contract No.: 00300968-00007

#### Major Task or Tasks Associated With:

#### 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: N/A

Brief Description of Selection Process: Per approved Letter of Intent

Dollar Value:

Contract Status: Issued

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

Nature	and	Scope	of	Work:

Page 8 of 10

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Schedule AE-8A		REDACTED
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.: 080009 - EI	brief description of vendor selection process, and current status of the contract.	Witness: Daniel Roderick/Dale Oliver

#### Contract No.: 00300968-00006

#### Major Task or Tasks Associated With:

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:

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

Nature and Scope of Work:

Page 9 of 10

[Section (8)(c)]

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Schedule AE-8A		REDACTED
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.: 080009 - 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, & Worley Parsons

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

Number of Vendors Solicited: 1

Number of Bids Received: 1

<u>Brief Description of Selection Process</u>: 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:



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

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 10 of 10

[Section (8)(c)]

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#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Calculation of the Estimated True up Amount for the Period

Sched	Actual & Estimated Filing: C								iod				ACTEE n (5)(c)		·······	
FLOR	IDA PUBLIC SERVICE COMMISSION EXPLANATION	DN: Calculate the estimated net true-up balance, including revenue and interest.														
COMF	PANY: PROGRESS ENERGY - FL											For the	e Year E	nded 12	2/31/2008	
DOCK	ET NO.: 080009 - EI											Witnes	is: Lori (	Cross		
Line No.	Description		(A) Actual anuary		(B) Actual February		(C) Actual March		(D) Projected April		(E) Projected May		F) ected une	6 N	(G) Month Total	
1	NFR Revenues (net of Revenue Taxes)	\$	-	\$	-	\$	-	.\$	-	\$	-	\$	-	\$	-	
2 3	True-Up Provision NFR Revenues Applicable to Period (Lines 1 + 2)						-				-					
4	Jurisdictional NFR Costs															
5	Over/Under Recovery true-up provision (Line 3 - Line 4c)											_				
6	Interest Provision		-		-		-		-		-		-		-	
7	Beginning Balance True-up & Interest Provision		-		-		-		-		-		-		-	
а	Deferred True-up		-		-		-		-		-		-		-	
8	True-Up Collected (Refunded) (See Line 2)		-		-		-		-		-		-		-	
9	End of Period True-up	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	

Page 1 of 2

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#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Calculation of the Estimated True-up Amount for the Period

Sched	Actual & Estimated Filing									iod	- <u>.</u>			CTED		
FLOR	IDA PUBLIC SERVICE COMMISSION EXPLANAT	ION:	Calcu	late the	estima	ted net tr	ue-up l	balance,	includi	ng rever	nue and	interes	st.			
COMF	PANY: PROGRESS ENERGY - FL												For the	Year E	nded 12	2/31/2008
DOCK	ΈΤ ΝΟ.: 080009 - EI												Witnes	s: Lori (	Cross	
Line No.			Pro	(H) jected July		(I) Projected August		(J) Projected September		(K) Projected October		(L) jected ember	(M) Projected December		12	(N) Month Fotal
1 2	NFR Revenues (net of Revenue Taxes) True-Up Provision		\$	-	\$	-	\$	-	<b>,</b> \$	-	\$	-	\$	-	\$	-
3	NFR Revenues Applicable to Period (Lines 1 + 2)			-		-				-		-		-		
4	Jurisdictional NFR Costs															
5	Over/Under Recovery true-up provision (Line 3 - Line 4c)															
6	Interest Provision			-		-		-		-		-		-		-
7	Beginning Balance True-up & Interest Provision			-		-		-		-		-		-		-
а	Deferred True-up			-		-		-		-		-		-		-
8	True-Up Collected (Refunded) (See Line 2)			-		-		-		-		-		-		-
9	End of Period True-up		\$	-	\$	-	\$	-	\$	-	\$	-	\$	-	\$	-

Page 2 of 2

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#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Calculation of the Net Interest True-up Amount for the Period

Scheo	lule AE-10												[sec	tion (5	)(c)4	.]	
FLOR	IDA PUBLIC SERVICE COMMISSION	EXPLANATION:	Calcu	ulate t	the e	stimat	ed n	et true	-up b	alance	e, inc	luding	rever	nue and	d inte	erest.	
COM	PANY: PROGRESS ENERGY - FL												For	the Yea	ar En	ded 12/31	/2008
DOC	ET NO.: 080009 - EI												Witn	iess: Lo	ori Ci	ross	
Line No.	Description		Act	A) tual uary	A	(B) ctual bruary	Α	(C) ctual larch	Pro	(D) ojected April	l Pro	(E) ojected May	Pro	(F) jected lune	61	(G) Month Fotal	
1	Beginning Monthly Balance		\$	-	\$	-	\$	-	\$	_	\$	-	\$	-	\$	-	
2	Ending Monthly Balance			-		-		-		-		-		-		-	
3	Average Monthly Balance			-		-		-		-		-		-		-	
4	Beginning of Month interest			-		-		-		-		-		-		-	
5	Ending of Month Interest			-		-		-		-		-		-		-	
6	Average Interest			-		-		-		-		-		-		-	
7	Average Monthly Interest			-		-		-		-		-		-		-	
8	Monthly Interest Amount		\$	_	\$		\$	_	\$	-	\$	-	\$	-	\$	-	

Note: Rates have not been put in place for Levy and costs are still accounted for in CWIP and thus accrue a carrying charge equal to PEF's AFUDC rate. Page 1 of 2

#### Levy County Nuclear Filing Pre-Construction Costs and Carrying Costs on Construction Cost Balance Actual & Estimated Filing: Calculation of the Net Interest True-up Amount for the Period

Scheo	dule AE-10												[sect	ion (5)	(c)4	.]	
LOR	IDA PUBLIC SERVICE COMMISSION	EXPLANATION:	I: Calculate the estimated net true-up balance, including revent										ue and	l inte	erest.		
COM	PANY: PROGRESS ENERGY - FL												For t	he Yea	ır En	ded 12	2/31/2008
DOC	KET NO.: 080009 - EI												Witn	ess: Lo	ori C	ross	
Line No. Description			(H) Projected July		(I) Projected August		Pro	(J) Projected September		-		(L) jected ember					
1	Beginning Monthly Balance		\$	-	\$	-	\$	-	\$	· _	\$	-	\$	-	\$	-	
2	Ending Monthly Balance			-		-		-		-		-		-		-	
3	Average Monthly Balance			-		-		-		-		-		-		-	
4	Beginning of Month interest			-		-		-		-		~		-		-	
5	Ending of Month Interest			-		-		-		-		-		-		-	
6	Average Interest			-		-		-		-		-		-		-	
7	Average Monthly Interest			-		-		-		-		-		-		-	
8	Monthly Interest Amount		\$	-	\$		\$		\$	_	\$	-	\$		\$	-	-

Note: Rates have not been put in place for Levy and costs are still accounted for in CWIP and thus accrue a carrying charge equal to PEF's AFUDC rate. Page 2 of 2