

**BEFORE THE FLORIDA PUBLIC SERVICE COMMISSION**

IN RE: NUCLEAR POWER PLANT  
COST RECOVERY CLAUSE

Docket No. 090009-EI  
Served: August 10, 2009

**PROGRESS ENERGY FLORIDA, INC.'S RESPONSES TO  
STAFF'S FIFTH SET OF INTERROGATORIES TO  
PROGRESS ENERGY FLORIDA, INC. (NOS. 56-57)**

Progress Energy Florida, Inc. ("PEF" or "Company") responds to Staff's Fifth Set of Interrogatories (Nos. 56 – 57) as follows:

**INTERROGATORIES**

- 56) Based on PEF's current updated data, please state the NCRC estimated average 1000kwh residential monthly bill impact amounts for Levy Units 1 & 2 beginning in 2010 and for each year thereafter until their estimated commercial operation date? In your response, please show all assumptions used in calculating the bill impacts.

**Answer**

As PEF has previously indicated in testimony and discovery, at this time, due to the schedule shift, PEF does not yet have an updated total project cost.. The revenue requirements associated with 2010 have not changed since the May 1 filing in this Docket and all assumptions are the same as used in that filing with the exception of an updated sales forecast which was presented in Office of Public Counsel 3<sup>rd</sup> Set of Interrogatories #118 Supplemental Response filed in docket #090079-EI and an updated load research study filed July 31, 2009 in accordance with Rule 25-6.0437. For years 2011-2020, PEF has used the 36 month shift case cash flows presented in response to Staff's Interrogatory #33. As has been previously noted, the cash flows past 2010 are very high level and should only be used for illustrative purposes. All other assumptions for years 2011-2020 are consistent with those used to calculate the 2010 rates as presented in testimony and exhibits. These assumptions are subject to change based on the outcome of the current and future rate cases. Below are PEF's NCRC estimated average 1000kwh residential monthly bill impacts for Levy Units 1 & 2 to be recovered through the CCRC.

	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Normal NCRC Recovery											
Residential Rate Impact (\$/1,000 Kwh)	13.46	7.40	11.94	10.01	13.83	18.32	24.45	29.41	30.26	22.58	10.93

PEF's Alternate Proposal	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020
Residential Rate Impact (\$/1,000 Kwh)	6.97	9.48	14.10	11.95	15.61	18.32	24.45	29.41	30.26	22.58	10.93

57) Based on PEF's current updated data, please state the NCRC estimated average 1000kwh residential monthly bill impact amounts for PEF's Uprate projects beginning in 2010 and for each year thereafter until their estimated commercial operation date? In your response, please show all assumptions used in calculating the bill impacts.

**Answer**

PEF has not updated the revenue requirements associated with this project since the May 1 filing in this Docket. As such, all assumptions used in that filing are being used in the numbers presented below with the exception of the sales forecast assumption. PEF has used an updated sales forecast to calculate the residential rate impacts below which was presented in Office of Public Counsel 3<sup>rd</sup> Set of Interrogatories #118 Supplemental Response filed in docket #090079-EI and an updated load research study filed July 31, 2009 in accordance with Rule 25-6.0437.

CR3 Uprate Residential Rate Impact (1,000 Kwh)	2010	2011	2012
	0.33	0.64	0.02

Since the May 1 filing there have been some revisions to the expected costs and timing of these costs associated with this project. The two changes are the expectations associated with recoverable O&M costs in 2009 and the likely move of the installation of the LP turbine to the 2011 outage to allow additional time to evaluate technical issues regarding the turbine specifications. The decrease in recoverable O&M costs in 2009 is associated with less inventory becoming obsolete than initially expected and was discussed in response to Office of Public Counsel's 4<sup>th</sup> Set of Interrogatories #54. The likely shift of the LP turbine to the 2011 outage will effectively offset this reduction in O&M costs, because those costs, and the return associated with it, will remain in the clause rather than shifting into base rates. The overall rate impact of these changes is therefore expected to be minimal in 2010 and consistent with past practice, will be handled through the true-up mechanism in next year's Docket.

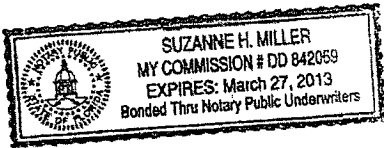
**AFFIDAVIT**

STATE OF FLORIDA)

COUNTY OF Pinal

I hereby certify that on this 10th day of August, 2009, before me, an officer duly authorized in the State and County aforesaid to take acknowledgments, personally appeared Thomas Geoffrey Foster, who is personally known to me, and he/she acknowledged before me that he/she provided the answers to interrogatory number(s) 56 & 57 from STAFF'S FIFTH SET OF INTERROGATORIES TO PROGRESS ENERGY FLORIDA, INC. (NOS. 56-57) in Docket No. 090009-EI, and that the responses are true and correct based on his/her personal knowledge.

In Witness Whereof, I have hereunto set my hand and seal in the State and County aforesaid as of this 10th day of August, 2009.



Suzanne H. Miller  
Notary Public  
State of Florida, at Large

My Commission Expires:  
3/27/2013