



Public Service Commission

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COMMISSION
CLERK

DATE: October 21, 2011
TO: Ann Cole, Commission Clerk, Office of Commission Clerk
FROM: Stephen Garl, Regulatory Analyst II, Division of Regulatory Analysis *A Kef*
RE: Exhibit error, Docket 110009-EI, Nuclear Cost Recovery Clause (NCRC)

During the direct testimony of Steven R. Sim at the NCRC hearing, at page 953, line 1 of the transcript, witness Sim identified corrections made with his errata on August 4th. At the end of witness Sim's testimony, the FPL attorney noted that the documents were identified as Exhibits 88 through 99. At the end of witness Sim's testimony, the FPL attorney requested that the exhibits be entered into the record (see page 980, line 9 of the transcript).

Unfortunately, the August 4th errata was entered into the record but does not appear in the CMS copy of the record. This errata was filed by FPL with two other errata sheets by letter dated August 4, 2011, and assigned Document No. 05505-11. Likewise, the associated exhibits, specifically 88 and 98 were entered into the record but do not appear in the CMS copy of the record. Exhibit 88 is missing in its entirety, and Exhibit 98 is shown in CMS as the wrong document. Conversely, Exhibits 95 and 96 were correctly entered into CMS.

I have attached a copy of Document 05505-11 showing the errata sheet in question and the associated exhibits. In addition, I have attached the errata sheet that was entered into CMS in error (pages 943 – 944 of the hearing transcript).

- COM _____
- APA _____
- ECR _____
- GCL _____
- RAD _____
- SRC _____
- ADM _____
- OPC _____
- CLK Equrot

DOCUMENT NUMBER-DATE

07736 OCT 21 =

FPSC-COMMISSION CLERK

RAD



Florida Power & Light Company, 215 S. Monroe Street, Suite 810, Tallahassee, FL 32301

11 AUG -5 AM 9:33
RECEIVED
REGISTRATION DIVISION

Jessica Cano
Principal Attorney
Florida Power & Light Company
700 Universe Boulevard
Juno Beach, FL 33408-0420
(561) 304-5226
(561) 691-7135 (Facsimile)

August 4, 2011

VIA HAND DELIVERY

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

Re: Docket No. 110009-EI

Dear Ms. Cole:

Please find enclosed for filing in the above docket an original and fifteen (15) copies of the errata sheets for Florida Power & Light Company witnesses Steve Scroggs, Terry Jones, and Steve Sim. Also enclosed are the revised supplemental exhibits of Steve Sim referenced in his errata sheet.

If there are any questions regarding this transmittal, please feel free to contact me.

Sincerely,

Nanci RedSmith
for Jessica Cano

Enclosures

cc: Counsel for Parties of record (w/ enc.)

DOCUMENT NUMBER-DATE

05505 AUG-4 =

FPSC-COMMISSION CLERK

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

In re: Nuclear Power Plant)
Cost Recovery Clause)

DOCKET NO. 110009-EI

FILED: August 4, 2011

ERRATA

SUPPLEMENTAL TESTIMONY EXHIBITS OF STEVEN R. SIM, JULY 15, 2011

All changes in the exhibits listed below are due to correction of double-counting of the 15% non-FPL share of the capacity of the St. Lucie 2 nuclear unit. The end results of this correction are: (i) increased projected net benefits for the EPU project, and (ii) no significant changes in the projected breakeven costs for the Turkey Point 6 & 7 project. Please note that this double-counting error also occurred in the calculations whose results appear in the original exhibits SRS-1, SRS-8, SRS-9 and SRS-11 to the May 2, 2011 direct testimony. Those exhibits have not been corrected, as the supplemental exhibits supersede the original exhibits.

EXHIBIT #

Replace Supplement to Exhibit SRS-1
with Revised Supplement to Exhibit SRS-1

In the "EPU Project" column, values in the following rows have changed: 2 through 8. In row 2, "139" changed to "141". In row 3, "4.5" changed to "4.8". In row 4, "67%" changed to "66%" and "19%" changed to "20". In row 5, "269,081" changed to "271,177". In row 6, "37" changed to "38". In row 7, "28" changed to "30". In row 9, "8" changed to "9".

In the "Turkey Point 6 & 7 Project" column, values in the following rows have changed" 2, 4, and 7. In row 2, "1,072" changed to "1,071". In row 4, "72%" changed to "71%" and "31%" changed to "32%". In row 7, "287" changed to "288".

Replace Supplement to Exhibit SRS-8
with Revised Supplement to Exhibit SRS-8

All values in columns 3, 4, and 5 have changed. Values for resource plan costs in columns 3 and 4 have decreased. Values for EPU net benefits in column 5 have increased.

Replace Supplement to Exhibit SRS-9
with Revised Supplement to Exhibit SRS-9

All graphed values for both resource plans
have changed (increased).

Replace Supplement to Exhibit SRS-11
with Revised Supplement to Exhibit SRS-11

All values in columns 3, 4, 5, and 6 have
changed. Values for resource plan costs in
columns 3 and 4 have decreased. Values for
differences in resource plan costs in column
5, and breakeven costs in column 6, have
changed little

REBUTTAL TESTIMONY OF STEVEN R. SIM, JULY 25, 2011

<u>PAGE#</u>	<u>LINE #</u>	
Page 4	18	Change "provided by" to "of which" and insert "was a part of" after "Jacobs"
Page 5	18	Insert ". This suggestion" after "inappropriate"
Page 14	23	Insert "Project" after "6 & 7"
Page 24	4	Change "\$139" to "\$141"

Docket No. 110009-EI
**Summary of Results from FPL's 2011
 Feasibility Analyses of the EPU and
 Turkey Point 6 & 7 Projects
 (Plus Results from Additional Analyses)**
 Revised Supplement to Exhibit SRS - 1 , Page 1 of 1

**Summary of Results from FPL's 2011 Feasibility Analyses
 of the EPU and Turkey Point 6 & 7 Projects
 (Plus Results from Additional Analyses)**

	EPU Project	Turkey Point 6 & 7 Project
1) Number of fuel cost/environmental compliance cost scenarios in which the nuclear project is projected to be cost-effective:	7 of 7	6 of 7
2) Projected Fuel Savings for FPL's Customers in First Full Year of Operation (Approx. Nominal \$): *	\$141 million	\$1,071 million (or \$1.07 Billion)
3) Projected Fuel Savings for FPL's Customers Over the Life of the Project (Approx. Nominal \$)	\$4.8 Billion	\$75 Billion
4) Projected Percentage of Total FPL Energy Produced from Natural Gas and Nuclear in First Full Year of Operation of Nuclear Project (Approx. %):		
- without the Nuclear Project	66% Gas & 20% Nuclear	71% Gas & 19% Nuclear
- with the Nuclear Project	64% Gas & 23% Nuclear	59% Gas & 32% Nuclear
5) Equivalent Approximate Number of Residential Customers' Annual Energy Use Supplied by Nuclear Project in the First Year of the Project	271,177	1,232,100
6) Equivalent Annual Amount of Fossil Fuel Saved by the Nuclear Project Beginning in the First Year of Operation (Approx.):		
- Equivalent mmbTU of Natural Gas	38 million	177 million
- Equivalent Barrels of Oil	6 million	28 million
7) Projected Amount of CO ₂ Emissions Reduced by Nuclear Project Over the Life of the Project	30 million tons	288 million tons
8) Equivalent Number of Months at Which FPL's Generating System Would Operate with Zero CO ₂ Emissions (approx.)	9	84 (or 7 years)

* The first full year of operation for the EPU project is assumed to be 2014.
 The first full year of operation for the Turkey Point 6 & 7 project is assumed to be 2024.

Docket No. 110009-EI
 2011 Feasibility Analyses Results for the EPU
 Project: Total Costs and Total Differentials
 for All Fuel and Environmental Compliance
 Cost Scenarios in 2011\$
 Revised Supplement to Exhibit SRS - 8, Page 1 of 1

2011 Feasibility Analyses Results for the EPU Project:

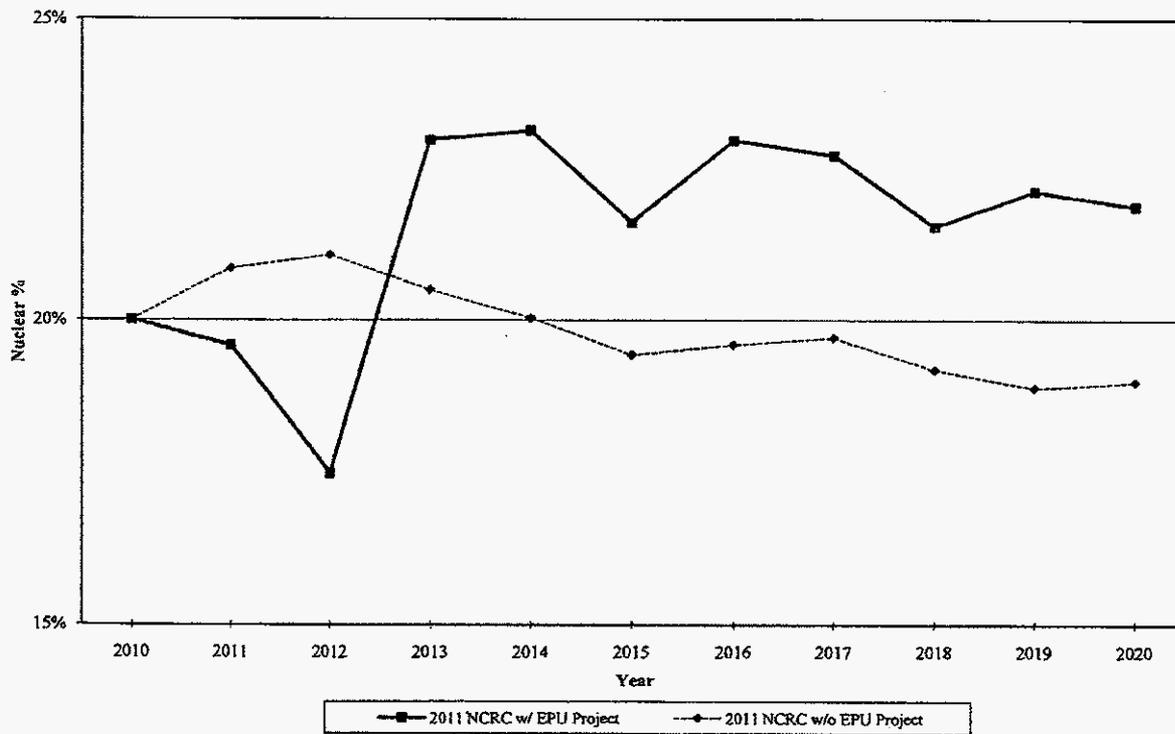
**Total Costs and Total Cost Differentials for All Fuel
 and Environmental Compliance Cost Scenarios in 2011\$
 (millions, CPVRR, 2011 - 2043)**

	(1)	(2)	(3)	(4)	(5) = (3) - (4)
Fuel Cost Forecast	Environmental Compliance Cost Forecast	Total Costs for Plans		Total Cost Difference Plan with the EPU Project minus Plan without the EPU Project	
-----	-----	Plan with the EPU Project	Plan without the EPU Project	-----	-----
High Fuel Cost	Env I	148,874	149,839		(966)
High Fuel Cost	Env II	157,675	158,814		(1,139)
High Fuel Cost	Env III	174,854	176,362		(1,508)
Medium Fuel Cost	Env I	131,183	131,742		(559)
Medium Fuel Cost	Env II	139,869	140,605		(736)
Medium Fuel Cost	Env III	156,695	157,793		(1,098)
Low Fuel Cost	Env I	113,389	113,544		(155)

Note: A negative value in Column (5) indicates that the Plan with the EPU Project is less expensive than the Plan without the EPU Project. Conversely, a positive value in Column (5) indicates that the Plan with the EPU Project is more expensive than the Plan without the EPU Project.

2011 Feasibility Analyses Results for the EPU Project:

Percentage of FPL's Fuel Mix from Nuclear, 2010 - 2020
(2010 Actual and 2011 - 2020 Projections)



Docket No. 110009-EI
**2011 Feasibility Analyses Results for Turkey Point 6 & 7:
 Total Costs, Total Cost Differentials, and Breakeven Costs
 for All Fuel and Environmental Compliance Cost Scenarios
 in 2011\$**
 Revised Supplement to Exhibit SRS - 11, Page 1 of 1

2011 Feasibility Analyses Results for Turkey Point 6 & 7:

**Total Costs, Total Cost Differentials, and Breakeven Costs for All
 Fuel and Environmental Compliance Cost Scenarios in 2011\$
 (millions, CPVRR, 2011 - 2063)**

(1)	(2)	(3)	(4)	(5) = (3) - (4)	(6)
Fuel Cost Forecast	Environmental Compliance Cost Forecast	Total Costs for Plans		Total Cost Difference Plan with TP 6 & 7 minus Plan without TP 6 & 7	Breakeven Nuclear Capital Costs (\$/kw in 2011\$)
		Plan with TP 6 & 7	Plan without TP 6 & 7		
High Fuel Cost	Env I	200,555	215,442	(14,887)	6,908
High Fuel Cost	Env II	212,680	228,600	(15,920)	7,389
High Fuel Cost	Env III	239,567	258,265	(18,698)	8,681
Medium Fuel Cost	Env I	177,922	190,666	(12,743)	5,911
Medium Fuel Cost	Env II	189,733	203,506	(13,773)	6,390
Medium Fuel Cost	Env III	216,264	232,828	(16,564)	7,688
Low Fuel Cost	Env I	155,033	165,620	(10,587)	4,908

Note: A negative value in Column (5) indicates that the Plan with TP 6 & 7 is less expensive than the Plan without TP 6 & 7.
 Conversely, a positive value in Column (5) indicates that the Plan with TP 6 & 7 is more expensive than the Plan without TP 6 & 7.

**BEFORE THE
FLORIDA PUBLIC SERVICE COMMISSION**

In re: Nuclear Power Plant)
Cost Recovery Clause)

DOCKET NO. 110009-EI
FILED: JUNE 10, 2011

ERRATA SHEET

TESTIMONY OF STEVEN R. SIM, MAY 2, 2011

<u>PAGE#</u>	<u>LINE #</u>	
Page 16	7	Change "374 MW" to "824 MW"
Page 16	8	Change "5,329 MW" to "5,779 MW"

EXHIBITS OF STEVEN R. SIM, MAY 2, 2011

EXHIBIT #

Replace Exhibit SRS-3 with SRS-3 Revised

Exhibit is replaced due to incorrect projected CO2 compliance cost values for the years 2035 and 2040. The \$77/ton value for 2035 is replaced with \$98/ton and the \$88/ton value for 2040 is replaced with \$141/ton.

Replace Exhibit SRS-5 with SRS-5 Revised

Exhibit is replaced because the EPU MW capacity had not been removed from the calculation as stated in the subtitle. The removal of the EPU MW decreases the values in Columns (1), (4), (8), and (9), and increases the resource need (MW) values in Column 10.

Replace Exhibit SRS-8 with SRS-8 Revised

Exhibit is replaced because the EPU capital cost annual revenue requirement calculation was incorrectly carried out past the current license expiration date for two of the four units. The corrected capital cost values are reflected in the new lower EPU cost values in Column (3). The resulting changes (increases) in the projected benefits of the EPU project are reflected in Column (5).

Replace Exhibit SRS-11 with SRS-11 Revised.

Exhibit is replaced because the EPU capital cost annual revenue requirement calculation (that is included in the cost calculations for both the Resource Plan with TP 6 & 7 and the Resource Plan without TP 6 & 7) was incorrectly carried out past the current license expiration date for two of the four units. The corrected EPU capital cost values are reflected in the lower total plan cost values for the two resource plans in Columns (3) and (4). There were no changes in the other columns.