

Plant name:

St. Lucie Plant, Unit 2

Docket Number:

50-389

1

The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c):

\$439,235,100

Did the licensee identify the amount of estimated radiological funds? (Y/N)

Y

2

The total amount of dollars accumulated at the end of the appropriate year: (see below)

Licensee:	% Owned:	Category:	Amount in Trust Fund:
FPL	85.10449%	1	\$577,370,861
FMPA	8.80600%	1	\$51,962,354
OUC	6.08951%	1	\$36,378,222

Total Trust Fund Balance

\$665,711,437

3

Schedule of the annual amounts remaining to be collected: (provided/none)

none¹

4

Assumptions used in determining rates of escalation in decommissioning costs, rates of earnings on decommissioning funds, and rates of other factors used in funding projections: (see below)

Rate of Return on Earnings	Escalation Rate	Rate(s) of Other Factors	Real Rate of Return	PUC Verified (Y/N)	Allowed through Decom (Y/N)	RAI Needed (Y/N)	Post-RAI		
							PUC Verified (Y/N)	Allowed through Decom (Y/N)	Rates Determined (Y/N)
variable ¹	2.97%		variable ¹	N	N	Y	N	N	Y

5

Any contracts upon which the licensee is relying? (Y/N)

N

6

Any modifications to a licensee's method of providing decommissioning funding assurance? (Y/N)

N

7

Any material changes to trust agreements? (Y/N)

N

If a change has occurred, the reviewer will document on this sheet that a change has occurred and identify the reviewer who will evaluate the change: (see below)

¹ FPSC Order No. PSC-05-0902-S-EI - customer contributions to the decommissioning trust fund were suspended effective 9/1/2005.

² Rates provided are variable because the rates are not consistent throughout the licensee(s) and/or years of operation/decommission

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Day: 31

Year: 2010

Termination of Operations:

4

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2043

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
PWR	2700	\$98,760,000	112.8	1.98	0.65	2.23	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.253	0.22	12.28

NRC Minimum:

\$439,103,783

Site Specific:

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
FPL	85.10%	1	\$373,697,035	\$577,370,861
FMPA	8.81%	1	\$38,667,479	\$51,962,354
OUC	6.09%	1	\$26,739,269	\$36,378,222
Total Fund Balance:			\$665,711,437	

Step 1:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$665,711,437	2%	32.26	\$1,261,157,090	YES

Step 2:
Accumulation:

Value of Annuity per year (amount/See Annuity Sheet)	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	2%		\$0
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
\$0	2%	32.26	\$0
Total Step 1 + Step 2		Does Licensee Pass:	
\$1,261,157,090		YES	

Step 3:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$1,261,157,090	2%	7	\$93,757,992
Total of Steps 1 thru 3:		Does Licensee Pass:	Shortfall:
\$1,354,915,082		YES	NO

Signature: Jo Ann Simpson, Aaron Szabo
Date: 6/14/2011
Secondary Review: Michael Purdie
Date: 6/15/2011

Spreadsheet created by: Aaron Szabo, Shawn Harwell
Formulas verified by: Clayton Pittiglio

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If licensee is granted greater than 2% RRR

Step 4: Earnings Credit:					
Owner	Trust Fund Balance:	Real Rate of Return	Years Left in License	Total Earnings:	Does Licensee Pass:
FPL	\$577,370,861	2.00%	32.26	\$1,261,157,090	YES
FPMA	\$51,962,354	2.00%			
OUC	\$36,378,222	2.00%			
Step 5: Accumulation:					
Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:		
\$0	2.00%	0	\$0		
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5		
\$0	2.00%	32.26	\$0		
Total Step 4 + Step 5				Does Licensee Pass:	
\$1,261,157,090				YES	
Step 6: Decom Period:					
Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:		
\$1,261,157,090	2.00%	7	\$93,757,992		
Total of Steps 4 thru 6:				Does Licensee Pass:	Shortfall:
\$1,354,915,082				YES	NO