

Plant name:Waterford Generating Station, Unit 3

Docket Number:50-382

1

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

\$466,900,000

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:
Entergy Louisiana, LLC	100.00%	1	\$239,909,000

Total Trust Fund Balance\$239,909,000

3

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

provided

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)
2.00%			2.00%	N		N			

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)

Plant name:

Waterford Generating Station, Unit 3

Docket Number:

50-382

Date of Operation:

Month:12

Day:31

Year:2010

Termination of Operations:

12

18

2024

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
PWR	3716	\$105,000,000	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:\$466,847,886

Site Specific:

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Louisiana, LLC	100.00%	1	\$466,847,886	\$239,909,000
			Total Fund Balance:	\$239,909,000

Step 1:  
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$239,909,000	2%	13.96	\$316,331,643	NO

Step 2:  
Accumulation:

Value of Annuity per year (amount/See Annuity Sheet)	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
See Annuity Sheet	See Annuity Sheet		See Total Step 2
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
See Total Step 2	See Annuity Sheet	N/A	\$112,317,115
		Total Step 1 + Step 2	Does Licensee Pass:
		\$428,648,758	NO

Step 3:  
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:	
\$428,648,758	2%	7	\$31,866,963	
	Contributions during Decom		Total of Steps 1 thru 3:	Does Licensee Pass:
	\$53,517,000		\$514,032,722	YES
				Shortfall:
				NO

Signature: Shawn Harwell  
Date: 7/11/2011  
Signature: Aaron L. Szabo  
Date: 7/26/2011

Plant name:

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If licensee is granted greater than 2% RRR

Step 4: Earnings Credit:				
Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$239,909,000	2.00%	13.96	\$316,331,643	NO

Step 5: Accumulation:			
Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
See Annuity Sheet	See Annuity Sheet	0	See Total Step 4
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
See Total Step 4	See Annuity Sheet	N/A	\$112,317,115
Total Step 4 + Step 5			Does Licensee Pass:
\$428,648,758			NO

Step 6: Decom Period:				
Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:	
\$428,648,758	2.00%	7	\$31,866,963	
Contributions during Decom		Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$53,517,000		\$514,032,722	YES	NO

Signature: Shawn Harwell  
Date: 7/11/2011  
Signature: Aaron L. Szabo  
Date: 7/26/2011

# ANNUITY

**Termination of Operations:** 12 18 2024

Year	Annuity:	Real Rate of Return:	Total Accumulation
2011	\$6,020,000	2%	\$7,937,913
2012	\$6,020,000	2%	\$7,782,268
2013	\$6,020,000	2%	\$7,629,674
2014	\$6,020,000	2%	\$7,480,073
2015	\$6,877,000	2%	\$8,377,379
2016	\$6,877,000	2%	\$8,213,117
2017	\$6,877,000	2%	\$8,052,075
2018	\$6,877,000	2%	\$7,894,192
2019	\$6,877,000	2%	\$7,739,404
2020	\$7,769,000	2%	\$8,571,827
2021	\$7,769,000	2%	\$8,403,752
2022	\$7,769,000	2%	\$8,238,973
2023	\$7,769,000	2%	\$8,077,424
2024	\$7,769,000	2%	\$7,919,044

**Total: \$112,317,115**

Signature: Shawn Harwell

Date: 7/11/2011

Signature: Aaron L. Szabo

Date: 7/26/2011

Spreadsheet created by: Aaron Szabo, Shawn Harwell

Formulas verified by: Clayton Pittiglio

# ANNUITY

**Termination of Operations:** 12 18 2024

If licensee is granted greater than 2% RRR

Year	Annuity:	Real Rate of Return:	Total Accumulation
2011	\$6,020,000	2.00%	\$7,937,913
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**Total: \$112,317,115**

Signature: Shawn Harwell

Date: 7/11/2011

Signature: Aaron L. Szabo

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