

DATASHEET 1

DATASHEET 1: CHECKLIST FOR STEP 1 REVIEW

Unit: Waterford 3 Steam Electric Station Date of submittal: 3/30/2009

1. The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c)
400.5m.

Did the licensee identify the amount of estimated radiological funds? Yes X No

2. The total amount of dollars accumulated at the end of the appropriate year 180.9m

3. Schedule of the annual amounts remaining to be collected 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:

5. Any contracts upon which the licensee is relying: Yes 21. RRR, 2.12 RRR or No X

6. Any modifications to a licensee's method of providing decommissioning funding assurance: Yes or No X

7. Any material changes to trust agreements: Yes or No X

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

Review Performed By:

AR h

Date:

8/20/2009

9/5/2009

SL HED

B/7

Plant name: Waterford Generating Station, Unit 3 Docket Number: 50-382

Date of Operation: Month: 12 Day: 31 Year: 2008
Termination of Operations: Month: 12 Day: 18 Year: 2024

	MWth	1986\$	ECI	Base Lx		Lx	Px	Fx		Ex		Bx
PWR	3716	\$105,000,000	109.3	1.98	0.65	2.16	1.649	1.988	0.13	1.791	0.22	9.872

NRC Mimimum: \$400,195,878

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Louisiana	100.00%	1	\$400,195,878	\$180,900,000

Step 1:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Real Rate of Return:	Total Earnings:	Does Licensee Pass:
\$180,900,000	2%	15.96	1.37182	\$248,161,844	NO

Step 2:

Accumulation:

If annuity is not consistent, go to "Annuity" sheet

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	2%	0	\$0


Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2
\$0	2%	0.00	\$54,593,774

Total Step 1 + Step 2	Does Licensee Pass:
\$302,755,618	NO

Step 3:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Real Rate of Return:	Total Earnings for Decom:
\$302,755,618	2%	7	0.14869	\$22,507,711

Accumulation during Decon	Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$26,778,000	\$352,041,328	NO	(\$48,154,550)

Signature: 
AI-HOP

Date: 8/20/2009
9/5/09

Plant name: Waterford Generating Station, Unit 3 Docket Number: 50-382

Date of Operation: Month: 12 Day: 31 Year: 2008
Termination of Operations: 12 18 2024

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 Real Rate of Return:	Total Earnings:	Does Licensee Pass:
\$180,900,000	2.12%	15.96	1.39781	\$252,863,981	NO

Step 5:

Accumulation:

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	2.12%	0	\$0

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
\$0	2.12%	0.00	\$55,138,322

Total Step 4 + Step 5	Does Licensee Pass:
\$308,002,303	NO

Step 6:

Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Real Rate of Return:	Total Earnings for Decom:
\$308,002,303	2.00%	7	0.14869	\$22,897,764

Accumulation during Decon	Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$26,778,000	\$357,678,067	NO	(\$42,517,811)

Signature:

AL Hill

Date:

8/20/2007
9/5/09

ANNUITY

Termination of Operations: 12 18 2024

Year	Annuity:	Real Rate of Return:	Total Accumulation
2009	\$2,282,000	2%	\$3,130,587
2010	\$2,625,000	2%	\$3,530,525
2011	\$2,625,000	2%	\$3,461,299
2012	\$2,625,000	2%	\$3,393,431
2013	\$2,625,000	2%	\$3,326,893
2014	\$2,625,000	2%	\$3,261,660
2015	\$2,929,000	2%	\$3,568,030
2016	\$2,929,000	2%	\$3,498,069
2017	\$2,929,000	2%	\$3,429,479
2018	\$2,929,000	2%	\$3,362,235
2019	\$2,929,000	2%	\$3,296,308
2020	\$3,268,000	2%	\$3,605,706
2021	\$3,268,000	2%	\$3,535,006
2022	\$3,268,000	2%	\$3,465,692
2023	\$3,268,000	2%	\$3,397,738
2024	\$3,268,000	2%	\$3,331,115

Total: \$54,593,774

If licensee is granted greater than 2% RRR

Year	Annuity:	Real Rate of Return:	Total Accumulation
2009	\$2,282,000	2.12%	\$3,189,911
2010	\$2,625,000	2.12%	\$3,593,201
2011	\$2,625,000	2.12%	\$3,518,606
2012	\$2,625,000	2.12%	\$3,445,560
2013	\$2,625,000	2.12%	\$3,374,031
2014	\$2,625,000	2.12%	\$3,303,986
2015	\$2,929,000	2.12%	\$3,610,086
2016	\$2,929,000	2.12%	\$3,535,141
2017	\$2,929,000	2.12%	\$3,461,751
2018	\$2,929,000	2.12%	\$3,389,886
2019	\$2,929,000	2.12%	\$3,319,512
2020	\$3,268,000	2.12%	\$3,626,821
2021	\$3,268,000	2.12%	\$3,551,529
2022	\$3,268,000	2.12%	\$3,477,799
2023	\$3,268,000	2.12%	\$3,405,601
2024	\$3,268,000	2.12%	\$3,334,901

Total: \$55,138,322

Signature: _____

[Handwritten Signature]

Date: _____

8/20/2009

Spreadsheet created by: Aaron Szabo and Shawn Harwell

Formulas verified by: Larry Pittiglio

SLI/ell

9/5/09