

Plant name: River Bend Station (Regulated)

Docket Number: 50-458

1 The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c): \$416,300,000

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	100.00%	1	\$174,120,000

Total Trust Fund Balance \$174,120,000

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%	N	N	N			

5 Any contracts upon which the licensee is relying? (Y/N) Y¹

6 Any modifications to a licensee's method of providing decommissioning funding assurance? (Y/N) Y²

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 See the agreement in attachment 3-G for the MSS-4 Agreement which is a unit power purchase agreement under the MSS-4 Agreement, a FERC tariff. The licensee had previously believed this arrangement would qualify as a contractual obligation, but upon further consideration, the licensee believes this arrangement is simply a cost of service recovery mechanism as defined in 10 CFR §50.75(e)(1)(ii)(A). This MSS-4 Agreement is a FERC tariff, part of the larger Entergy System Agreement, which is itself a FERC tariff. The NRC reviewed this arrangement in a license transfer application in 2007 (see ADAMS Accession Nos. ML071560529 and ML072470715). Accordingly, it is the licensee's position that this agreement is not a 10 CFR §50.75(e)(1)(v) "contractual obligation," but rather a cost of service tariff which may appropriately be used to fund the external sinking fund in accordance with 10 CFR §50.75(e)(1)(ii). Out of an abundance of caution, the licensee identifies this information here.

² See note 1 above. The MSS-4 Agreement was modified in 2010 in response to certain concerns raised by the NRC Staff. The modifications were accepted by the FERC on February 14, 2011. See attachment 3-G for the changes to the MSS-4 Agreement and the FERC's acceptance thereof.

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Date of Operation: Month: 12 Day: 31 Year: 2010
Termination of Operations: 8 29 2025

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
BWR	3091	\$131,819,000	112.8	1.98	0.65	2.23	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.307	0.22	12.54

NRC Minimum: \$416,199,528 **Site Specific:**

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy	100.00%	1	\$416,199,528	\$174,120,000
			Total Fund Balance:	\$174,120,000

**Step 1:
Earnings Credit:**

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$174,120,000	2%	14.66	\$232,775,564	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	\$272,438,308

Total Step 1 + Step 2	Does Licensee Pass:
\$505,213,871	YES

**Step 3:
Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$505,213,871	2%	7	\$37,559,031

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$542,772,902	YES	NO

Signature: Shawn Harwell
 Date: 7/11/2011
 Signature: Aaron L. Szabo
 Date: 8/18/2011

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

Plant name: River Bend Station (Regulated) **Docket Number:** 50-458

Date of Operation: Month: 12 Day: 31 Year: 2010
Termination of Operations: 8 29 2025

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:
\$174,120,000	2.00%	14.66	\$232,775,564	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 5

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
See Total Step 5	See Annuity Sheet	N/A	\$272,438,308

Total Step 4 + Step 5	Does Licensee Pass:
\$505,213,871	YES

Step 6:

Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$505,213,871	2.00%	7	\$37,559,031

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$542,772,902	YES	NO

Signature: Shawn Harwell
 Date: 7/11/2011
 Signature: Aaron L. Szabo
 Date: 8/18/2011

ANNUITY

Termination of Operations: 8 29 2025

Year	Annuity:	Real Rate of Return:	Total Accumulation
2011	\$9,975,000	2%	\$13,335,686
2012	\$9,975,000	2%	\$13,074,202
2013	\$9,975,000	2%	\$12,817,846
2014	\$9,975,000	2%	\$12,566,515
2015	\$11,128,000	2%	\$13,744,182
2016	\$11,128,000	2%	\$13,474,688
2017	\$11,127,000	2%	\$13,209,292
2018	\$11,127,000	2%	\$12,950,286
2019	\$11,128,000	2%	\$12,697,500
2020	\$12,327,000	2%	\$13,789,811
2021	\$12,327,000	2%	\$13,519,423
2022	\$12,327,000	2%	\$13,254,336
2023	\$12,327,000	2%	\$12,994,447
2024	\$12,327,000	2%	\$12,739,654
2025	\$13,877,000	2%	\$14,060,335
2026	\$13,712,000	2%	\$13,620,740
2027	\$13,712,000	2%	\$13,353,667
2028	\$13,712,000	2%	\$13,091,830
2029	\$13,712,000	2%	\$12,835,127
2030	\$15,532,000	2%	\$14,253,666
2031	\$2,019,000	2%	\$1,816,500
2032	\$2,019,000	2%	\$1,780,882
2033	\$2,019,000	2%	\$1,745,963
2034	\$2,019,000	2%	\$1,711,728

Total: \$272,438,308

Signature: Shawn Harwell
 Date: 7/11/2011
 Signature: Aaron L. Szabo
 Date: 8/18/2011

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

ANNUITY

Termination of Operations: 8 29 2025

If licensee is granted greater than 2% RRR

Year	Annuity:	Real Rate of Return:	Total Accumulation
2011	\$9,975,000	2.00%	\$13,335,686
2012	\$9,975,000	2.00%	\$13,074,202
2013	\$9,975,000	2.00%	\$12,817,846
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2018	\$11,127,000	2.00%	\$12,950,286
2019	\$11,128,000	2.00%	\$12,697,500
2020	\$12,327,000	2.00%	\$13,789,811
2021	\$12,327,000	2.00%	\$13,519,423
2022	\$12,327,000	2.00%	\$13,254,336
2023	\$12,327,000	2.00%	\$12,994,447
2024	\$12,327,000	2.00%	\$12,739,654
2025	\$13,877,000	2.00%	\$14,060,335
2026	\$13,712,000	2.00%	\$13,620,740
2027	\$13,712,000	2.00%	\$13,353,667
2028	\$13,712,000	2.00%	\$13,091,830
2029	\$13,712,000	2.00%	\$12,835,127
2030	\$15,532,000	2.00%	\$14,253,666
2031	\$2,019,000	2.00%	\$1,816,500
2032	\$2,019,000	2.00%	\$1,780,882
2033	\$2,019,000	2.00%	\$1,745,963
2034	\$2,019,000	2.00%	\$1,711,728

Total: \$272,438,308

Signature: Shawn Harwell
 Date: 7/11/2011
 Signature: Aaron L. Szabo
 Date: 8/18/2011

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

Plant name: River Bend Station (Non-Regulated)

Docket Number: 50-458

1 The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c): \$178,400,000
 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 Gulf States LA	100.00%	2	\$218,000,000

Total Trust Fund Balance **\$218,000,000**

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

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%	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: River Bend Station (Non-Regulated) **Docket Number:** 50-458

Date of Operation: Month: 12 Day: 31 Year: 2010
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BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
BWR	3091	\$131,819,000	112.8	1.98	0.65	2.23	1.676	191.4	114.2	3.049	250.0	82.0	0.13	2.307	0.22	12.54

NRC Minimum: \$178,371,226 **Site Specific:**

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Gulf States LA	100.00%	2	\$178,371,226	\$218,000,000
			Total Fund Balance:	\$218,000,000

**Step 1:
Earnings Credit:**

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$218,000,000	2%	14.66	\$291,437,358	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:
	2%		\$0
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
\$0	2%	14.66	\$0

Total Step 1 + Step 2	Does Licensee Pass:
\$291,437,358	YES

**Step 3:
Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$291,437,358	2%	7	\$21,666,279

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$313,103,638	YES	NO

Signature: Shawn Harwell
 Date: 7/11/2011
 Signature: Aaron L. Szabo
 Date: 8/18/2011

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

Plant name: River Bend Station (Non-Regulated) **Docket Number:** 50-458

Date of Operation: Month: 12 Day: 31 Year: 2010
Termination of Operations: 8 29 2025

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:
\$218,000,000	2.00%	14.66	\$291,437,358	YES

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%	14.66	\$0

Total Step 4 + Step 5	Does Licensee Pass:
\$291,437,358	YES

Step 6:

Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$291,437,358	2.00%	7	\$21,666,279

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$313,103,638	YES	NO

Signature: Shawn Harwell
 Date: 7/11/2011
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