

**Plant name:** Arkansas Nuclear One, Unit 2

**Docket Number:** 50-368

1 The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c): \$451,994,354

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 Arkansas	100.00%	1	\$225,981,000

Total Trust Fund Balance **\$225,981,000**

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)
6.31%	2.61%		3.70%	Y	N	N			

5 Any contracts upon which the licensee is relying? (Y/N) Y<sup>1</sup>

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) Y<sup>2</sup>

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)

<sup>1</sup> The licensee states in the DFS report, "See the agreements in Attachment 1-E which are unit power purchase agreements under the MSS-4 Agreement, a FERC tariff. It is the licensee's position that these are not 10 CFR 50.75(e)(1)(v) "contractual obligations", but rather cost of service tariffs which may appropriately be used to fund the external sinking fund in accordance with 10 CFR 50.75(e)(1)(ii). Out of abundance of caution, the licensee identifies the information here."

<sup>2</sup> According to the submittal, the licensee does not believe the changes to the trust agreement are material. However, out of abundance of caution, all the changes since the last report are provided within the DFS report submittal.

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**Date of Operation:**      **Month:** 12      **Day:** 31      **Year:** 2010  
**Termination of Operations:**      7      17      2038

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
PWR	3026	\$101,628,800	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:** \$451,858,957      **Site Specific:**

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Arkansas	100.00%	1	\$451,858,957	\$225,981,000
			Total Fund Balance:	\$225,981,000

**Step 1:  
Earnings Credit:**

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$225,981,000	2%	27.54	\$389,909,181	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:
	2%		\$0
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 2:
\$0	2%	27.54	\$0

Total Step 1 + Step 2	Does Licensee Pass:
\$389,909,181	NO

**Step 3:  
Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$389,909,181	2%	7	\$28,986,953

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$418,896,134	NO	(\$32,962,823)

Signature: Shawn Harwell  
 Date: 7/11/2011  
 Signature: Aaron L. Szabo  
 Date: 7/25/2011

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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:
\$225,981,000	3.70%	27.54	\$614,748,405	YES

**Step 5:**

**Accumulation:**

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	3.70%	0	\$0

Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
\$0	3.70%	27.54	\$0

Total Step 4 + Step 5	Does Licensee Pass:
\$614,748,405	YES

**Step 6:**

**Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$614,748,405	2.00%	7	\$45,702,139

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$660,450,544	YES	NO

Signature: Shawn Harwell  
 Date: 7/11/2011  
 Signature: Aaron L. Szabo  
 Date: 7/25/2011