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DATASHEET 1

DATASHEET 1: CHECKLIST FOR STEP 1 REVIEW

Unit: Archives Nuclear One, Unit 2 Date of submittal: 3/30/2009

1. The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c)
387.7m
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 72.4m
3. Schedule of the annual amounts remaining to be collected 0
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 or No X
2-ell, 3.511.ell
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:

[Signature]
[Signature]

Date:

8/20/2009
9/16/09

B/11

Plant name: **Arkansas Nuclear One, Unit 2** Docket Number: **50-368**
 Date of Operation: Month: **12** Day: **31** Year: **2008**
 Termination of Operations: 7 17 2038

	MWth	1986\$	ECI	Base Lx		Lx	Px	Fx		Ex		Bx
PWR	3026	\$101,628,800	109.3	1.98	0.65	2.16	1.649	1.988	0.13	1.791	0.22	9.872

NRC Minimum: \$387,346,922

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Arkansas	100.00%	1	\$387,346,922	\$172,400,000
Licensee 2:			\$0	
Licensee 3:			\$0	
Licensee 4:			\$0	
Licensee 5:			\$0	
Licensee 6:			\$0	

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:
\$172,400,000	2%	29.54	1.79511	\$309,477,543	NO

Step 2:

Accumulation:

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	\$0

Total Step 1 + Step 2	Does Licensee Pass:
\$309,477,543	NO

Step 3:

Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Real Rate of Return:	Total Earnings for Decom:
\$309,477,543	2%	7	0.14869	\$23,007,438

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$332,484,980	NO	(\$54,861,942)

Signature: _____

(Handwritten Signature)

Date: _____

8/20/09
9/16/09

