

12

DATASHEET 1

DATASHEET 1: CHECKLIST FOR STEP 1 REVIEW

Unit: Arkansas Nuclear One, Unit 1 Date of submittal: 3/30/2009

1. The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c)
372.3m

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 218.1m

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. RRR, 3.2% RRR

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
9/4/09

B/12

Plant name: **Arkansas Nuclear One, Unit 1** Docket Number: **50-313**

Date of Operation: **Month: 12 Day: 31 Year: 2008**
 Termination of Operations: **5 20 2034**

	MWth	1986\$	ECI	Base Lx		Lx	Px	Fx		Ex		Bx
PWR	2568	\$97,598,400	109.3	1.98	0.65	2.16	1.649	1.988	0.13	1.791	0.22	9.872

NRC Miminum: \$371,985,499

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Entergy Arkansas	100.00%	1	\$371,985,499	\$218,100,000
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:
\$218,100,000	2%	25.39	1.65321	\$360,565,510	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

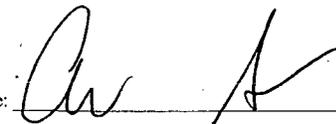
Total Step 1 + Step 2	Does Licensee Pass:
\$360,565,510	NO

Step 3:

Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Real Rate of Return:	Total Earnings for Decom:
\$360,565,510	2%	7	0.14869	\$26,805,462

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$387,370,971	YES	NO

Signature: 

 ALI 1100

Date: 8/20/09

 9/6/09

Plant name: **Arkansas Nuclear One, Unit 1** Docket Number: **50-313**
 Date of Operation: Month: **12** Day: **31** Year: **2008**
 Termination of Operations: 5 20 2034

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:
\$218,100,000	3.20%	25.39	2.22474	\$485,216,663	YES

**Step 5:
Accumulation:**

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	3.20%	0	\$0

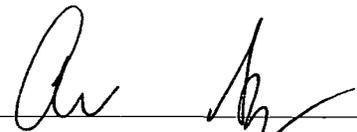
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
\$0	3.20%	0.00	\$0

Total Step 4 + Step 5	Does Licensee Pass:
\$485,216,663	YES

**Step 6:
Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Real Rate of Return:	Total Earnings for Decom:
\$485,216,663	2.00%	7	0.14869	\$36,072,382

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$521,289,045	YES	NO

Signature: 
 5/11/09

Date: 8/20/09
 9/16/09