

Plant name:

Vogle (Alvin W.) Nuclear Plant, Unit 1

Docket Number:

50-424

1

The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c):

\$459,684,000

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:
Georgia Power Company	45.70%	1	\$104,335,000
Oglethorpe Power Corporation	30.00%	1	\$53,650,686
Municipal Electric Authority	22.70%	1	\$81,287,554
Dalton Utilities	1.60%	1	\$8,705,177

Total Trust Fund Balance

\$247,978,417

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	Post-RAI		
							PUC Verified (Y/N)	Allowed through Decom (Y/N)	Rates Determined (Y/N)
variable ¹	variable ¹		variable ¹	N	N	Y	N	N	N ²

5

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

Y³

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)

Y⁴

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 Rates provided are variable because the rates are not consistent throughout the licensee(s) and/or years of operation/decommission (See "Notes" for additional comments).
- 2 Rates for Oglethorpe could not be determined based upon submitted information.
- 3 Municipal Electric Authority is relying upon a PPA, which was included in Attachments 2 & 3 of the DFS report.
- 4 Oglethorpe Power Corporation executed a revised Trust Agreement in August 2010, which was provided to the NRC in March 2010 (ML101090080).

Plant name:

Vogtle (Alvin W.) Nuclear Plant, Unit 1

Docket Number:

50-424

Date of Operation:

Month: 12

Day: 31

Year: 2010

Termination of Operations:

1

16

2047

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
PWR	3625	\$105,000,000	112.8	1.98	0.65	2.23	1.675	191.3	114.2	3.074	252.1	82.0	0.13	2.263	0.22	12.28

NRC Minimum:

\$466,987,774

Site Specific:

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Georgia Power Company	45.70%	1	\$213,413,413	\$104,335,000
Oglethorpe Power Corporation	30.00%	1	\$140,096,332	\$53,650,686
Municipal Electric Authority	22.70%	1	\$106,006,225	\$81,287,554
Dalton Utilities	1.60%	1	\$7,471,804	\$8,705,177
Total Fund Balance:			\$247,978,417	

Step 1:
Earnings Credit:

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$247,978,417	2%	36.04	\$506,271,309	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%	36.04	\$0
		Total Step 1 + Step 2	Does Licensee Pass:
		\$506,271,309	YES

Step 3:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$506,271,309	2%	7	\$37,637,644

Total of Steps 1 thru 3:	Does Licensee Pass:	Shortfall:
\$543,908,953	YES	NO

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Vogtle (Alvin W.) Nuclear Plant, Unit 1

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Date of Operation:

Month:12Day:31Year:2010

Termination of Operations:

1162047

If licensee is granted greater than 2% RRR

Step 4:
Earnings Credit:

Owner	Trust Fund Balance:	Real Rate of Return	Years Left in License	Total Earnings:	Does Licensee Pass:
Georgia Power Company	\$104,335,000	2.00%	36.04	\$506,271,309	YES
Oglethorpe Power Corporation	\$53,650,686	2.00%			
Municipal Electric Authority	\$81,287,554	2.00%			
Dalton Utilities	\$8,705,177	2.00%			

Step 5:
Accumulation:

Value of Annuity per year	Real Rate of Return per year	Number of Annual Payments:	Total Annuity:
\$0	0.00%	0	#DIV/0!
Total Annuity	Real Rate of Return per year	Years remaining after annuity	Total Step 5
\$0	0.00%	36.04	\$0
Total Step 4 + Step 5			Does Licensee Pass:
\$506,271,309			YES

Step 6:
Decom Period:

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$506,271,309	2.00%	7	\$37,637,644

Total of Steps 4 thru 6:	Does Licensee Pass:	Shortfall:
\$543,908,953	YES	NO