

**Plant name: Hatch (Edwin I.) Nuclear Plant, Unit 1**

**Docket Number: 50-321**

1 The minimum financial assurance (MFA) estimate pursuant to 10 CFR 50.75(b) & (c): \$573,705,000  
 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	50.10%	1	\$209,570,000
Oglethorpe Power Corporation	30.00%	1	\$91,962,848
Municipal Electric Authority	17.70%	1	\$79,973,095
Dalton Utilities	2.20%	1	\$17,405,531

Total Trust Fund Balance \$398,911,474

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)
variable <sup>1</sup>	variable <sup>1</sup>		variable <sup>1</sup>	N	N	Y	N	N	N <sup>2</sup>

5 Any contracts upon which the licensee is relying? (Y/N) Y<sup>3</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>4</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> Rates provided are variable because the rates are not consistent throughout the licensee(s) and/or years of operation/decommission.

<sup>2</sup> Rates for Oglethorpe could not be determined based upon submitted information.

<sup>3</sup> Municipal Electric Authority is relying upon a PPA, which was included in Attachments 2 & 3 of the DFS report.

<sup>4</sup> Oglethorpe Power Corporation executed a revised Trust Agreement in August 2010, which was provided to the NRC in March 2010 (ML101090080).

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**Date of Operation:**      **Month:** 12      **Day:** 31      **Year:** 2010

**Termination of Operations:**      **8**      **6**      **2034**

BWR/PWR	MWth	1986\$	ECI	Base Lx		Lx	Px	Latest Month Px	Base Px	Fx	Latest Month Fx	Base Fx		Ex		Bx
BWR	2804	\$129,236,000	112.8	1.98	0.65	2.23	1.675	191.3	114.2	3.074	252.1	82.0	0.13	2.319	0.22	12.54

**NRC Minimum:** \$583,110,087      **Site Specific:**

Licensee:	% Owned:	Category	Amount of NRC Minimum/Site Specific:	Amount in Trust Fund:
Georgia Power Company	50.10%	1	\$292,138,153	\$209,570,000
Oglethorpe Power Corporation	30.00%	1	\$174,933,026	\$91,962,848
Municipal Electric Authority	17.70%	1	\$103,210,485	\$79,973,095
Dalton Utilities	2.20%	1	\$12,828,422	\$17,405,531
			<b>Total Fund Balance:</b>	<b>\$398,911,474</b>

**Step 1:  
Earnings Credit:**

Trust Fund Balance:	Real Rate of Return per year	Years Left in License	Total Earnings:	Does Licensee Pass:
\$398,911,474	2%	23.60	<b>\$636,538,789</b>	<b>YES</b>

**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%	23.60	\$0
Total Step 1 + Step 2			Does Licensee Pass:
<b>\$636,538,789</b>			<b>YES</b>

**Step 3:  
Decom Period:**

Total Earnings:	Real Rate of Return per year	Decom Period:	Total Earnings for Decom:
\$636,538,789	2%	7	\$47,322,097
Total of Steps 1 thru 3:			Does Licensee Pass:
<b>\$683,860,886</b>			<b>YES</b>
			Shortfall:
			<b>NO</b>

