

March 31, 2021

Docket Nos.: 50-348 50-321 50-424  
50-364 50-366 50-425

NL-21-0307

U. S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D. C. 20555-0001

Joseph M. Farley Nuclear Plant Units 1 and 2  
Edwin I. Hatch Nuclear Plant Units 1 and 2  
Vogtle Electric Generating Plant Units 1 and 2  
Report on Status of Decommissioning Funding

Ladies and Gentlemen:

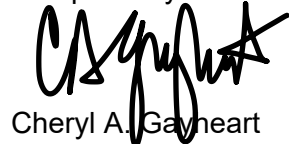
Pursuant to 10 CFR 50.75(f)(1), Southern Nuclear Operating Company (SNC) submits this report on the status of decommissioning funding for the operating plants listed above.

In accordance with 10 CFR 50.75(e)(1)(ii), owners of the SNC operating plants provide financial assurance by establishing external sinking funds in the form of trusts in which the total amount of funds will be sufficient to pay decommissioning costs at the time permanent termination of operations is expected. Since the last biennial report, the SNC plant owners have made no changes to their methods of providing financial assurance and no material changes to their trust agreements. The NRC minimum decommissioning estimates in the enclosed reports are based on cost factors for waste burial in NUREG-1307 Rev. 18, for labor in December 2020 BLS data, and for energy in September 2020 BLS data.

As substantiated by the enclosed reports, SNC certifies that the bulk of funds necessary for the safe decommissioning of the referenced reactors are being set aside and will be sufficient to pay decommissioning costs at the time permanent termination of operations is expected.

This letter contains no NRC commitments. If you have any questions, please contact Jamie Coleman at 205.992.6611.

Respectfully submitted,



Cheryl A. Gayheart  
Regulatory Affairs Director

CAG/efb/cbg

Enclosures: 1. Farley Decommissioning Financial Assurance Report  
2. Hatch Decommissioning Financial Assurance Report  
3. Vogtle 1 and 2 Decommissioning Financial Assurance Report

cc: Regional Administrator - Region II  
NRR Project Manager - Farley, Hatch, and Vogtle 1 & 2  
Senior Resident Inspector - Farley, Hatch, and Vogtle 1 & 2  
SNC Record RType: PP1.001

**Joseph M. Farley Nuclear Plant Units 1 and 2  
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**Enclosure 1**

**Farley Decommissioning Financial Assurance Report**

Alabama Power Company  
 Ownership Percentage – 100%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$487,820,000	\$487,820,000
The amount of trust funds accumulated as of December 31, 2020	\$586,818,442	\$568,954,712
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2037 (Unit 1) and to 2041 (Unit 2)	\$464,149	\$402,004
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return*	\$1,305,215,000	\$1,524,392,000

\* Alabama Public Service Commission Order in Docket U-3295 has established a higher 2.5% real rate of return.

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**Enclosure 2**

**Hatch Decommissioning Financial Assurance Report**

Georgia Power Company  
Ownership Percentage – 50.1%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$316,960,000	\$316,960,000
The amount of trust funds accumulated as of December 31, 2020	\$351,993,261	\$324,545,573
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2034 (Unit 1) and to 2038 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return	\$693,677,000	\$776,385,000

Oglethorpe Power Corporation  
Ownership Percentage – 30%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$189,800,000	\$189,800,000
The amount of trust funds accumulated as of December 31, 2020	\$206,860,256	\$162,628,801
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2034 (Unit 1) and to 2038 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return*	\$407,662,000	\$389,044,000

\* The Oglethorpe Board of Directors has rate making authority and has established a budget assuming a 5.0% growth rate. Therefore, the amount of trust funds projected to be accumulated at license termination is understated because a 2% real rate of return is assumed.

Municipal Electric Authority of Georgia  
Ownership Percentage – 17.7%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$111,980,000	\$111,980,000
The amount of trust funds accumulated as of December 31, 2020	\$150,086,416	\$149,621,090
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2034 (Unit 1) and to 2038 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return	\$295,777,000	\$357,927,000



NL-21-0307 Enclosure 2  
Hatch Decommissioning Financial Assurance Report

Dalton Utilities  
Ownership Percentage – 2.2%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$13,920,000	\$13,920,000
The amount of trust funds accumulated as of December 31, 2020	\$19,702,379	\$19,327,957
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2034 (Unit 1) and to 2038 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 0% real rate of return	\$27,839,000	\$30,145,000

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**Enclosure 3**

**Vogtle Units 1 and 2 Decommissioning Financial Assurance Report**

Georgia Power Company  
 Ownership Percentage – 45.7%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$234,500,000	\$234,500,000
The amount of trust funds accumulated as of December 31, 2020	\$176,447,786	\$195,186,283
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2047 (Unit 1) and to 2049 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return	\$634,961,000	\$772,280,000

Oglethorpe Power Corporation  
 Ownership Percentage – 30%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$153,940,000	\$153,940,000
The amount of trust funds accumulated as of December 31, 2020	\$120,681,285	\$109,316,727
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2047 (Unit 1) and to 2049 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return*	\$434,281,000	\$432,526,000

\* The Oglethorpe Board of Directors has rate making authority and has established a budget assuming a 5.0% growth rate. Therefore, the amount of trust funds projected to be accumulated at license termination is understated because a 2% real rate of return is assumed.

Municipal Electric Authority of Georgia  
 Ownership Percentage – 22.7%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$116,480,000	\$116,480,000
The amount of trust funds accumulated as of December 31, 2020	\$150,080,191	\$144,452,579
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2047 (Unit 1) and to 2049 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 2% real rate of return	\$540,075,000	\$571,545,000

Dalton Utilities  
 Ownership Percentage – 1.6%

10 CFR 50.75(f)(1) Requirements	Unit 1	Unit 2
The NRC minimum decommissioning estimate per 10 CFR 50.75(c)	\$8,210,000	\$8,210,000
The amount of trust funds accumulated as of December 31, 2020	\$10,645,399	\$9,996,532
The amounts scheduled to be collected annually over the remaining life of the plant from years 2021 to 2047 (Unit 1) and to 2049 (Unit 2)	None	None
The amount of trust funds projected to be accumulated at license termination assuming a 0% real rate of return	\$20,735,000	\$20,457,000