



February 28, 2019

Mr. D. P. Poroch  
Vice President and Comptroller  
Georgia Power Company  
760 Ralph McGill Blvd NE BIN 10120  
Atlanta, GA 30308-3374

Edwin I. Hatch Nuclear Plant -Units 1 and 2  
Vogtle Electric Generating Plant -Units 1 and 2  
Financial Assurance Requirements for  
Decommissioning Nuclear Power Reactors (10 CFR 50.75 (f)(1))

Dear Mr. Poroch:

Pursuant to 10 CFR 50.75 (f)(1), "Reporting and Recordkeeping for Decommissioning Planning", the U.S. Nuclear Regulatory Commission (NRC) requires nuclear power reactor licensees to report to the NRC the status of its decommissioning funding for each reactor or part of each reactor it owns on a biennial basis. The next decommissioning funding certification report is due to the NRC by March 31, 2019.

The biennial update to the NRC is part of the process for providing reasonable assurance that adequate funds for decommissioning will be available when needed. The funding calculation to be used is defined in NUREG-1307 and includes an adjustment factor that escalates Labor, Energy and Waste Burial to current year dollars to reflect inflation and other changes in economic conditions since January 1986.

To comply with this regulation, the 2018 NRC Minimum Decommissioning Funding for the Edwin I. Hatch Nuclear Plant (Hatch) and the Vogtle Electric Generating Plant (Vogtle) has been calculated and are shown in Table 1 and Table 2 of the enclosed report. Please note the 2018 minimum funding requirement indicates a 3.1% increase for Hatch and a 3.6% increase for Vogtle over the 2017 NRC Minimum Decommissioning Funding values. This 2017/2018 year-over-year minimum funding increase is attributable to changes in several escalation factors as detailed in the enclosed narratives "NRC Minimum Decommissioning Funding Requirement for the Edwin I. Hatch Nuclear Plant", and "NRC Minimum Decommissioning Funding Requirement for the Vogtle Electric Generating Plant".

To facilitate SNC submittal of the decommissioning funding certification prior to the March 31, 2019 deadline, please provide to SNC:

- Enclosures 2 and 6 updated, utilizing the instructions provided in Enclosure 3
- Enclosures 4 and 7 printed on GPC letterhead

In lieu of transmitting this information directly to the NRC, SNC requests that the signed submittal be provided by email to Mr. R. D. Coker, Business Operations Manager, by March 14, 2019. SNC will review the decommissioning funding certification provided by each owner company and transmit the required information to the NRC prior to the March 31, 2019 deadline.

Sincerely,



R. D. Coker

Business Operations Manager

## Enclosures:

1. NRC Minimum Decommissioning Funding Requirement for the Edwin I. Hatch Nuclear Plant - 2018
2. Edwin I. Hatch Nuclear Plant Financial Assurance Requirements for Decommissioning Nuclear Power Reactors – 2018 Submittal
3. Instructions for Completion of 10 CFR 50.75 (f)(1) Requirements
4. Edwin I. Hatch Nuclear Plant Draft 10 CFR 50.75 (f)(1) Transmittal Letter – 2018
5. NRC Minimum Decommissioning Funding Requirement for the Vogtle Electric Generating Plant - 2018
6. Vogtle Electric Generating Plant Financial Assurance Requirements for Decommissioning Nuclear Power Reactors – 2018 Submittal
7. Vogtle Electric Generating Plant Draft 10 CFR 50.75 (f)(1) Transmittal Letter – 2018
8. U. S. Department of Labor Bureau of Labor Statistics website (<http://data.bls.gov>), Series ID CIU2010000002201 (8) (Employment Cost Index – South 2007 - current)
9. U. S. Department of Labor Bureau of Labor Statistics website (<http://data.bls.gov>), Series ID WPU0543 (Industrial Electric Power 2008 - current)
10. U. S. Department of Labor Bureau of Labor Statistics website (<http://data.bls.gov>), Series ID WPU0573 (Light Fuel Oils 2008 – current)
11. NUREG-1307, Report on Waste Burial Charges, Revision 17

cc: Southern Nuclear Operating Company  
Ms. C. W. Brakefield  
Mr. M. D. Meier  
Ms. C. A. Gayheart  
SNC Document Services – R-Type: GG1.004

Georgia Power Company  
Ms. S. P. Adams  
Mr. R. W. Dodd  
Mr. K. Y. Kim

**DECOMMISSIONING COST STUDY**  
**for the**  
**HATCH NUCLEAR PLANT**



*prepared for*

**SOUTHERN NUCLEAR COMPANY**

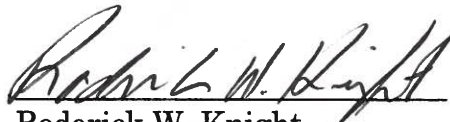
*prepared by*

**TLG Services, Inc.**  
Bridgewater, Connecticut

**December 2018**

## APPROVALS

**Project Manager**

  
Roderick W. Knight

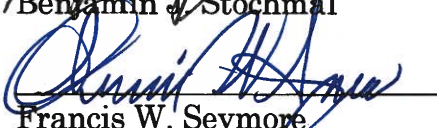
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**Project Engineer**

  
Benjamin J. Stochmal

12/5/18  
Date

**Technical Manager**

  
Francis W. Seymore

12/5/18  
Date

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**DECOMMISSIONING COST STUDY**  
**for the**  
**VOGTLE ELECTRIC GENERATING PLANT**



*prepared for*

**SOUTHERN NUCLEAR OPERATING COMPANY**

*prepared by*

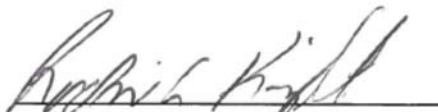
**TLG Services, Inc.**  
Bridgewater, Connecticut

**October 2018**



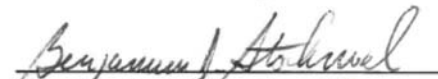
**APPROVALS**

**Project Manager**

  
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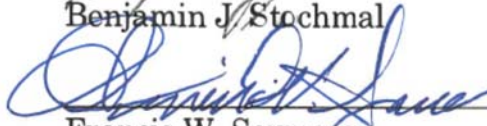
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**2018 ESCALATION ANALYSIS**  
**for the**  
**HATCH NUCLEAR PLANT**  
**DECOMMISSIONING COST STUDY**



*prepared for*

**SOUTHERN NUCLEAR OPERATING COMPANY**

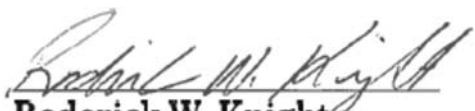
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**TLG Services, Inc.**  
Bridgewater, Connecticut

**January 2019**

**APPROVALS**

**Project Manager**

  
**Roderick W. Knight** 1/15/19  
Date

**Technical Manager**

  
**Francis W. Seymore** 1/15/19  
Date

**2018 ESCALATION ANALYSIS**  
**for the**  
**VOGTLE ELECTRIC GENERATING PLANT**  
**DECOMMISSIONING COST STUDY**



*prepared for*

**SOUTHERN NUCLEAR OPERATING COMPANY**

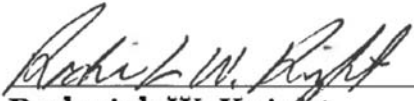
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**TLG Services, Inc.**  
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**January 2019**


**APPROVALS**

**Project Manager**

  
Roderick W. Knight

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Date

**Technical Manager**

  
Francis W. Seymore

1/15/19  
Date



**GEORGIA POWER COMPANY**  
Docket No. 42516

**Nuclear Decommissioning Cost Study Details for Plant Hatch and Plant Vogtle**

Due to the voluminous nature of the Nuclear Decommissioning Cost Study, it is being submitted in electronic format on a CD. The CD is located in the front pocket of this binder.