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October 23, 2012

Docket Nos.: 50-424  
50-425

NL-12-2152

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

Vogtle Electric Generating Plant – Units 1 and 2  
Southern Nuclear Operating Company's Initial Status Report in Response to  
March 12, 2012 Commission Order Modifying Licenses with Regard to  
Requirements for Reliable Spent Fuel Pool Instrumentation  
(Order Number EA-12-051)

References:

1. NRC Order Number EA-12-051, *Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation*
2. NRC Interim Staff Guidance JLD-ISG-2012-03, *Compliance with Order EA-12-051, Order Modifying Licenses with Regard to Requirements for Reliable Spent Fuel Pool Instrumentation, Revision 0*, dated August 29, 2012

Ladies and Gentlemen:

On March 12, 2012, the Nuclear Regulatory Commission issued an order (Reference 1) to Southern Nuclear Operating Company (SNC). Reference 1 was immediately effective and directed SNC to have a reliable indication of the water level in associated spent fuel storage pools. Specific requirements are outlined in Attachment 2 of Reference 1.

Reference 1 requires submission of an initial status report by SNC 60 days following issuance of the final interim staff guidance. The final interim staff guidance (Reference 2) was issued August 29, 2012. The purpose of this letter is to provide the initial status report pursuant to Section IV, Condition C.2, of Reference 1 within 60 days following issuance of Reference 2. This report confirms SNC has received Reference 2 and is in the process of evaluating the guidance for the purpose of providing a reliable indication of the water level in associated spent fuel storage pools as described in Attachment 2 of Reference 1.

Major activities completed during this reporting period:

- Resources have been identified and project plans initiated, including development of milestones, to assure compliance with Reference 1.
- Established project teams, initiated meetings, established points of contacts at Vogtle Electric Generating Plant (VEGP) and corporate, initiated site walkdowns, and engaged design engineering.

Planned activities for the next six months:

- Development and submittal of the overall integrated plan.
- Define strategy and develop conceptual design.

Technical difficulties encountered that could affect the ability to provide the licensee's February 28, 2013, submittal:

- None at this time.

Project milestones schedule through completion of installation and testing:

- A project milestones schedule will be provided with the overall integrated plan.
- Implementation of the order will be completed for VEGP Unit 1 prior to startup from Refueling Outage (RFO) 1R19 (Fall 2015).
- Implementation of the order will be completed for VEGP Unit 2 prior to startup from Refueling Outage (RFO) 2R17 (Fall 2014).

This letter contains no new regulatory commitments. If you have any questions, please contact Ken McElroy at (205) 992-7369.

Mr. B. L. Ivey states he is a Vice President of Southern Nuclear Operating Company, is authorized to execute this oath on behalf of Southern Nuclear Operating Company and, to the best of his knowledge and belief, the facts set forth in this letter are true.

Sworn to and subscribed before me this 23<sup>rd</sup> day of October, 2012.

Nancy Louise Henderson  
Notary Public

My commission expires: March 23, 2014

Respectfully submitted,



B. L. Ivey  
Vice President – Regulatory Affairs

BLI/CLN



cc: Southern Nuclear Operating Company  
Mr. S. E. Kuczynski, Chairman, President & CEO  
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer  
Mr. T. E. Tynan, Vice President – Vogtle  
Mr. B. J. Adams, Vice President – Fleet Operations  
Mr. M. J. Ajluni, Nuclear Licensing Director  
RType: CVC7000

U. S. Nuclear Regulatory Commission  
Mr. V. M. McCree, Regional Administrator  
Mr. R. E. Martin, NRR Senior Project Manager – Fleet  
Mr. L. M. Cain, Senior Resident Inspector – Vogtle  
Ms. Lisa M. Regner, NRR/JLD/PMB, NRC  
Mr. Blake A. Purnell, NRR/JLD/PMB, NRC  
Mr. Steven R. Jones, NRR/DSS/SBPB, NRC

State of Georgia  
Mr. J. H. Turner, Environmental Director Protection Division