



September 4, 2015

Docket Nos.: 52-025  
52-026

ND-15-1706  
10 CFR 50.90

U.S. Nuclear Regulatory Commission  
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Washington, DC 20555-0001

Southern Nuclear Operating Company  
Vogtle Electric Generating Plant Units 3 and 4  
Supplement to Request for License Amendment:  
Addition of Instruments to Design Reliability Assurance Program (D-RAP) (LAR-14-006S)

Ladies and Gentlemen:

In accordance with the provisions of 10 CFR 50.90, Southern Nuclear Operating Company (SNC), the licensee for Vogtle Electric Generating Plant (VEGP) Units 3 and 4, requested an amendment to Combined License (COL) Numbers NPF-91 and NPF-92 for VEGP Units 3 and 4, respectively, by SNC letter ND-14-0892, dated October 7, 2014 [ADAMS Accession No. ML14280A391]. The SNC license amendment request, LAR-14-006, proposed to depart from the incorporated plant-specific Design Control Document (PS-DCD) Tier 2 information, and involved changes to related plant-specific Tier 1 information, with corresponding changes to the associated COL Appendix C information. These changes were needed to allow the feedwater controller program to respond as required to various plant transients while minimizing the potential for undesired actuations.

Upon review of LAR-14-006, the Nuclear Regulatory Commission staff requested the Licensee to identify and address any impact on performance requirements and functional capability provisions (including fluid transient loads and vibration) for pumps, valves and dynamic restraints for both the MFW system and SFW system due to the proposed change.

The changes proposed by LAR-14-006 do not impact performance requirements or functional capability provisions for equipment or dynamic restraints in the AP1000 main and startup feedwater system (FWS). The proposed change will simply utilize different control logic and instrumentation to actuate startup feedwater pumps for their defense-in-depth function of maintaining steam generator water level when main feedwater pumps are unavailable. The functionality that exists as part of the current design remains unchanged by the changes proposed

by LAR-14-006, and therefore LAR-14-006 has no impact on the ability of the AP1000 plant to cool down under emergency shutdown conditions or during a loss of offsite power event.

This response does not change the scope, or affect the Technical Evaluation or the conclusions of the Significant Hazards Consideration determination in the original license amendment request (LAR-14-006) submitted on October 7, 2014. This letter contains no regulatory commitments.

In accordance with 10 CFR 50.91, SNC is notifying the State of Georgia of this supplement to LAR-14-006 by transmitting a copy of this letter and enclosures to the designated State Official.

Should you have any questions, please contact Mr. Jason Redd at (205) 992-6435.

Mr. Wesley A. Sparkman states that: he is the Regulatory Affairs Licensing Manager, Nuclear Development, of Southern Nuclear Operating Company; he 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.

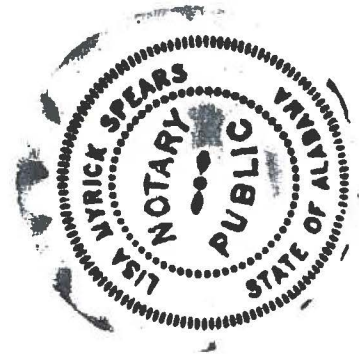
Respectfully submitted,

SOUTHERN NUCLEAR OPERATING COMPANY



Wesley A. Sparkman

WAS/CLW/ljs



Sworn to and subscribed before me this 4<sup>th</sup> day of September, 2015

Notary Public: Lisa Myrick Spears

My commission expires: 6/18/19

cc:

Southern Nuclear Operating Company / Georgia Power Company

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