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

Vogtle Electric Generating Plant Units 1 and 2
Report of Changes to Emergency Plan

Ladies and Gentlemen:

In accordance with 10 CFR 50.54(q)(5) and 10 CFR 72.44(f), Southern Nuclear Operating Company (SNC) hereby submits descriptions of changes to the Vogtle Electric Generating Plant (VEGP) Emergency Plan and a summary of the analysis demonstrating that the changes do not reduce the effectiveness of the plan. The Emergency Plan, as changed, continues to meet the requirements in 10 CFR 50 Appendix E and the planning standards of 10 CFR 50.47(b). A description of the changes and a summary of analysis is enclosed.

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

Respectfully submitted,

J. J. Hutto
Regulatory Affairs Director

JJH/efb/cbg

Enclosure:

1. SNC 50.54(q) Summary of Analysis

cc: NRC Regional Administrator, Region II
NRC NRR Project Manager – Vogtle
NRC Senior Resident Inspector – Vogtle
Georgia - State Director of Environmental Protection Division
SNC Records RTYPE: CVC7000

**Vogle Electric Generating Plant
Report of Changes to Emergency Plan
Description of Changes and Summary of Analysis**

Enclosure 1

Description of Changes and Summary of Analysis

As part of the SNC Standard Emergency Plan (SEP) implementation, SNC emergency plan implementing procedures were converted to a new format and numbering system. The Vogtle Electric Generating Plant (VEGP) procedure NMP-EP-110-GL03, *VEGP EALs - ICs, Threshold Values and Basis* was converted to NMP-EP-141-003, *Vogtle Emergency Action Levels and Basis*. Because the NRC-approved NEI 99-01 Revision 6 Emergency Action Level (EAL) scheme has yet to be implemented at VEGP, NMP-EP-141-003 is still under the NEI 99-01 Revision 4 EAL scheme approved by the NRC in an SER issued April 30, 2007 for Revision 48 of the Vogtle Emergency Plan.

During this procedure conversion, minor changes were made to VEGP EALs RU2, SA2, and SS2 to better match the wording in the NRC SER dated April 30, 2007. A full 50.54(q) evaluation was performed, and the new procedure was implemented July 1, 2017, which prompts this 30-day report. In a post-review of the 50.54(q) evaluation, SNC identified that an error was introduced during the procedure conversion affecting only EAL SS2. Consequently, a second revision to the procedure was required to correct the error in EAL SS2, and a second 50.54(q) evaluation was performed.

These changes were evaluated in accordance with 10 CFR 50.54(q)(3), and SNC determined that the changes to EALs RU2, SA2, and SS2 do not reduce the effectiveness of the VEGP Emergency Plan. The VEGP Emergency Plan continues to meet the requirements in 10 CFR 50 Appendix E and the planning standards of 10 CFR 50.47(b).