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NL-18-0238

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 and Summary of 50.54(q) Analysis

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 emergency plan and a summary of the analysis demonstrating that the changes do not reduce the effectiveness of the plan. The emergency plan 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 the 50.54(q) 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/cgb

Enclosure:

1. Description of Emergency Plan Changes and Summary of 50.54(q) Analysis

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cc: NRC Regional Administrator, Region II  
NRC NRR Project Manager – Vogtle Unit 1-2  
NRC Senior Resident Inspector – Vogtle Unit 1 and 2  
Georgia – State Director of Environmental Protection Division  
SNC Records RTYPE: CVC7000

**Vogtle Electric Generating Plant Units 1 and 2**

**Report of Changes to Emergency Plan and Summary of 50.54(q) Analysis**

**Enclosure 1**

**Description of Emergency Plan Changes and Summary of 50.54(q) Analysis**

Description of Emergency Plan Changes and Summary of 50.54(q) Analysis

On January 29, 2018, Vogtle Electric Generating Plant (VNP) Units 1 and 2 implemented changes to the procedures and wall charts for Emergency Action Levels (EALs) to implement the new NRC-approved EAL scheme based on NEI 99-01 Revision 6. The EALs are contained in procedure NMP-EP-141-003 Version 3.0 which supersedes the NEI 99-01 Revision 4 EAL scheme used previously at VNP. New wall charts were generated, removed from the superseded procedure, and changed to stand-alone documents. Changes from the NRC-approved EALs were limited to readability and human performance improvements and do not vary from the approved scheme.

These changes were evaluated in accordance with 10 CFR 50.54(q)(3), and SNC determined that the changes do not reduce the effectiveness of the SNC standard emergency plan, the site-specific annexes or the approved EAL scheme. The SNC emergency plan and EALs continue to meet the requirements in 10 CFR 50 Appendix E and the planning standards of 10 CFR 50.47(b).