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A SOUTHERN COMPANY

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Docket Nos.: 50-321
50-366
72-42

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

Edwin I. Hatch Nuclear Plant
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 hereby submits a description of changes to the Plant Hatch Emergency Plan and a summary of the analysis demonstrating that the changes do not reduce the effectiveness of the plan and the plan, as changed, continues to meet the requirements in 10 CFR 50 Appendix E and the planning standards of 10 CFR 50.47(b). The changes were incorporated in Version 38 of the Hatch Emergency Plan dated November 2015.

Description of Changes and Summary of Analysis

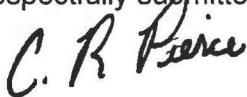
The Plant Hatch Emergency Plan was revised to add an additional Nuclear Plant Operator to the on-shift minimum staffing provided in Table B-1, Minimum Staffing Capacity for Emergencies. This change was evaluated in accordance with 10 CFR 50.54(q)(3) and it was determined that adding a Nuclear Plant Operator to the minimum shift staff requirements resulted in additional support resources to the shift during emergency conditions and as such did not reduce the effectiveness of the Hatch Emergency Plan.

The Hatch Emergency Plan was also revised to change the definition of identified and unidentified leakage as found in the EAL and Bases section of the Hatch Emergency Plan for Initiating Condition SU5. The EAL scheme as approved by the NRC for the Hatch NEI 99-01 Revision 4 EAL scheme did not include a special definition for these terms as identified and unidentified leakage are defined in the Hatch Technical Specifications. The definitions for these terms were added following implementation of the Revision 4 EAL scheme in order to make the definition readily available to the operator in the EAL and Bases for Initiating Condition SU5. The verbiage previously added for these definitions did not exactly match the wording found in the Technical Specifications. The minor difference in wording did not alter how events related to SU5 would be classified but it did result in some confusion with plant operators as to why the definitions

were worded differently. Therefore, the definitions for these terms were revised in the definitions section of the Emergency Plan to more closely match the Technical Specifications and deleted from the EAL and Bases section as redundant to the revised definitions provided in the definitions section of the Emergency Plan. Because the revised wording more closely matches the Technical Specification definitions, SU5 is now better aligned with the NEI 99-01 Revision 4 guidance and the EAL and Bases section of the Hatch Emergency Plan as approved by the NRC. Therefore, this change was determined not to result in a reduction in effectiveness of the Hatch Emergency Plan.

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

Respectfully submitted,



C. R. Pierce
Regulatory Affairs Director

CRP/EFB

cc: Southern Nuclear Operating Company
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U. S. Nuclear Regulatory Commission
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