

Justin T. Wheat
Nuclear Licensing Manager

Southern Nuclear
Operating Company, Inc.
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, AL 35242

Tel 205.992.5998
Fax 205.992.7601



November 3, 2016

Docket Nos.: 50-348 50-321 50-424
50-364 50-366 50-425

NL-16-1830

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

Southern Nuclear Operating Company
Joseph M. Farley Nuclear Plant Units 1 and 2;
Edwin I. Hatch Nuclear Plant Units 1 and 2;
Vogtle Electric Generating Plant Units 1 and 2;
License Amendment Request for Changes to
Emergency Action Level Schemes to Adopt NEI 99-01 Rev. 6
and to Modify Radiation Monitors at Farley Nuclear Plant
Responses to Requests for Additional Information

Ladies and Gentlemen:

On March 3, 2016, in accordance with 10 CFR 50.90, 10 CFR 50 Appendix E, Section IV.B.2, and 10 CFR 50.54(q)(4), Southern Nuclear Operating Company (SNC) requested amendments to the licenses for the facilities listed above (ADAMS Accession No. ML16071A108). SNC proposed to adopt NEI 99-01, Revision 6, "Development of Emergency Action Levels for Non-Passive Reactors," to replace the Emergency Action Level (EAL) schemes for the facilities above that are currently based on Revision 4. In addition, SNC proposed changes to the Joseph M. Farley Nuclear Plant (FNP) steam generator relief & safety valve monitoring system radiation monitors RE-60A, RE-60B, and RE-60C, and the turbine driven auxiliary feedwater pump steam exhaust monitoring system radiation monitor RE-60D due to the limitations of these monitors.

On August 29, 2016, the NRC staff, upon a determination that additional information was needed to complete its review, issued a letter requesting that SNC respond to their enclosed questions within 60 days (ADAMS Accession No. ML16222A295). The NRC Requests for Additional Information (RAIs) and the SNC responses are provided in the Attachment to this letter. Also enclosed with this letter are appropriate revisions, with marked-up pages and clean copies, to the original enclosures provided with the March 3, 2016 license amendment request.

SNC is notifying the states of Georgia and Alabama of this response to the NRC RAIs by transmitting a copy of this letter and enclosures to the designated state official.

This letter contains no NRC commitments. If you have any questions, please contact Ken McElroy at 205.992.7369.

AX45
NRC

Mr. Justin T. Wheat states he is the Nuclear Licensing Manager for 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.

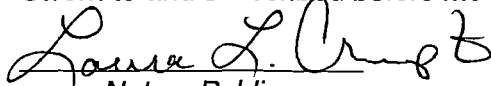
Respectfully submitted,



Justin T. Wheat
Nuclear Licensing Manager

JTW/efb/lac

Sworn to and subscribed before me this 3 day of November, 2016.


Notary Public

My commission expires: 10-8-2017

Enclosures:

1. EAL NEI 99-01 Rev. 6 Deviations and Differences Matrix – marked-up pages
 - a) Farley
 - b) Hatch
 - c) Vogtle
2. EAL NEI 99-01 Rev. 6 Deviations and Differences Matrix – clean copies
 - a) Farley
 - b) Hatch
 - c) Vogtle
3. EAL Schemes – marked-up pages
 - a) Farley
 - b) Hatch
 - c) Vogtle
4. EAL Schemes – clean copies
 - a) Farley
 - b) Hatch
 - c) Vogtle
5. Vogtle EAL Verification and Validation Revisions

cc: Southern Nuclear Operating Company

Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Ms. C. A. Gayheart, Vice President – Farley
Mr. D. R. Vineyard, Vice President – Hatch
Mr. B. K. Taber, Vice President – Vogtle 1 & 2
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. R. L. Mansfield, Director, Emergency Preparedness
Mr. R. G. Collings, Manager, Emergency Preparedness

U.S. Nuclear Regulatory Commission

NL-16-1830

Page 3

Ms. B. L. Taylor, Regulatory Affairs Manager – Farley
Mr. G. L. Johnson, Regulatory Affairs Manager – Hatch
Mr. D. D. Sutton, Regulatory Affairs Manager – Vogtle 1 & 2
RType: Farley=CFA04.054; Hatch=CHA02.004; Vogtle=CVC7000

U. S. Nuclear Regulatory Commission

Ms. C. Haney, Regional Administrator
Mr. S. A. Williams, NRR Project Manager – Farley
Mr. M. D. Orenak, NRR Senior Project Manager – Hatch
Mr. R. E. Martin, NRR Senior Project Manager – Vogtle 1 & 2
Mr. P. K. Niebaum, Senior Resident Inspector – Farley
Mr. D. H. Hardage, Senior Resident Inspector – Hatch
Mr. E. T. Coffman, Senior Resident Inspector – Vogtle 1&2

Alabama Department of Public Health

Dr. T. M. Miller, MD, State Health Officer

State of Georgia

Mr. R. E. Dunn, Director – Environmental Protection Division