

Charles R. Pierce
Regulatory Affairs Director

Southern Nuclear
Operating Company, Inc.
40 Inverness Center Parkway
Post Office Box 1295
Birmingham, AL 35242
Tel 205.992.7872
Fax 205.992.7601



NL-16-0739
10 CFR 50.90

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Docket Nos.: 50-321 50-348 50-424 52-025
50-366 50-364 50-425 52-026

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;
Vogtle Electric Generating Plant Units 3 and 4
Corrected Response to Second Request for Additional Information
Regarding Standard Emergency Plan

Ladies and Gentlemen:

By letter dated August 31, 2015 (NL-15-1392), Southern Nuclear Operating Company (SNC) requested license amendments (LARs) for approval of a fleet standard emergency plan for Edwin I. Hatch Nuclear Plant Units 1 and 2, Joseph M. Farley Nuclear Plant Units 1 and 2, and Vogtle Electric Generating Plant Units 1, 2, 3 and 4 (Agencywide Documents Access and Management System (ADAMS) Accession Number ML15246A045). By letter dated February 4, 2016, the U.S. Nuclear Regulatory Commission (NRC) issued its second Requests for Additional Information (RAIs) (ADAMS Accession Number ML 16029A035).

By letter dated April 8, 2016 (ADAMS Accession Number ML 16105A194), SNC responded to the second set of RAIs. In this response, SNC provided an incorrect Table 2.2.A of the Vogtle 3&4 Annex in response to RAI-VEGP3&4-1. SNC has performed a review of the Vogtle 3&4 On-Shift Staffing Analysis and provided a corrected submittal of the assessment of emergency response staffing in accordance with VEGP 3&4 License Condition 2.D.(12)(d) per SNC letter ND-16-0574 on May 13, 2016. (ADAMS Accession Numbers [ML16134A463, ML16134A464]). In order to conform the response to the second set of RAIs with the revised Vogtle 3&4 On-Shift Staffing Analysis, SNC has enclosed a revised Table 2.2.A. An additional conforming change to the Vogtle 3&4 Annex will be submitted with SNC's response to the 3rd set of RAIs due by June 13, 2016.

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

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

Mr. C. R. Pierce states he is the Regulatory Affairs Director 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,

C. R. Pierce

C. R. Pierce
Regulatory Affairs Director

CRP/EFB/lac

Sworn to and subscribed before me this 26 day of MAY, 2016.

James L. Cline
Notary Public

My commission expires: 10-8-2017

Attachment 1 – Table 2.2.A – Vogtle Electric Generating Plant On-Shift Staffing

cc: Nuclear Regulatory Commission
Mr. W. M. Dean, Director of the Office of Nuclear Reactor Regulations
Ms. C. Haney, Regional Administrator
Mr. M. Delligatti, Deputy Division Director, DNRL
Mr. L. Burkhart, Branch Chief, LB4, DNRL
Mr. M. E. Ernstes, Branch Chief, DRP, RII
Mr. R. E. Martin, NRR Senior Project Manager – Vogtle 1 & 2
Mr. S. A. Williams, NRR Project Manager – Farley
Mr. M. D. Orenak, NRR Project Manager – Hatch
Mr. C. Patel, NRO Project Manager - Vogtle 3 & 4
Mr. P. Kallan, Senior Project Manager – Vogtle 3 & 4
Mr. B. M. Bovol, Project Manager – Vogtle 3 & 4
Ms. R. Reyes, Project Manager – Vogtle 3 & 4
Ms. M. A. Sutton, Project Manager – Vogtle 3 & 4
Mr. G. Khouri, Senior Project Inspector – Vogtle 3 & 4
Mr. D. H. Hardage, Senior Resident Inspector – Hatch
Mr. A. M. Alen, Resident Inspector- Vogtle 1 & 2
Mr. P. K. Niebaum, Senior Resident Inspector- Farley
Mr. J. D. Fuller, Senior Resident Inspector, Vogtle 3 & 4
Ms. S. Temple, Resident Inspector – Vogtle 3 & 4

State of Alabama

Dr. T. M. Miller, State Health Officer, Department of Public Health

State of Georgia

Mr. J. H. Turner, Director- Environmental Protection Division

Blind Copy List (without enclosures unless noted):

Southern Nuclear Operating Company

Mr. S. E. Kuczynski, Chairman, President & CEO
Mr. D. G. Bost, Executive Vice President & Chief Nuclear Officer
Mr. M. D. Rauckhorst, Construction V.P. – Vogtle 3-4
Mr. D. H. Jones, Vice President Technical Compliance – Vogtle 3-4
Ms. K. D. Fill – Vice President - Operational Readiness
Ms. C. A. Gayheart, Vice President - Farley
Mr. D. R. Vineyard, Vice President – Hatch
Mr. B. K. Taber, Vice President – Vogtle 1-2
Mr. D. R. Madison, Vice President – Fleet Operations
Mr. M. D. Meier, Vice President – Regulatory Affairs
Mr. B. J. Adams, Vice President – Engineering
Mr. C. R. Pierce, Regulatory Affairs Director - Fleet
Mr. B. H. Whitley, Regulatory Affairs Director – Nuclear Development
Mr. M. J. Yox, Regulatory Affairs Director – Vogtle 3-4
Ms. B. L. Taylor, Regulatory Affairs Manager – Farley
Mr. G. L. Johnson, Regulatory Affairs Manager – Hatch
Mr. G. W. Gunn, Regulatory Affairs Manager – Vogtle 1-2
Mr. W. A. Sparkman, Licensing Manager – Nuclear Development
Mr. T. W. Yelverton – Commercial Director - Vogtle 3-4
Mr. D. L. Fulton – Nuclear Development Environmental Manager
Mr. J. C. Harrelson – Project Manager
Mr. T. R. Takats – Engineering Supervisor
Mr. J. P. Redd – Licensing Supervisor
Mr. J. G. Hall – Emergency Preparedness Supervisor
RTYPES: CFA04.054; CHA02.004; CVC7000; VND.LI.L00 (w/enclosures)
File AR.01.02.06 (w/enclosures)

Oglethorpe Power Corporation

Mr. M. W. Price
Mr. Ms. K. T. Haynes
Ms. A. Whaley

Municipal Electric Authority of Georgia

Mr. J. E. Fuller
Mr. S. M. Jackson

Dalton Utilities

Mr. T. Bundros

WECTEC

Ms. K. Stoner
Mr. C. A. Castell

Westinghouse Electric Company, LLC

Mr. R. Easterling
Mr. J. W. Crenshaw
Mr. C. D. Churchman
Mr. L. Woodcock
Mr. P. A. Russ
Mr. G. F. Couture
Mr. M. Y. Shaqqo

Other

Mr. J. E. Hesler, Bechtel Power Corporation
Ms. L. A. Matis, Tetra Tech NUS, Inc.
Dr. W. R. Jacobs, Jr., Ph.D., GDS Associates, Inc.
Mr. S. Roetger, Georgia Public Service Commission
Ms. S. W. Kernizan, Georgia Public Service Commission
Mr. K. C. Greene, Troutman Sanders
Mr. S. Blanton, Balch Bingham
Mr. R. Grumbir, APOG
Ms. A. RiceMr. J. R. Bouknight, South Carolina Electric & Gas Company
Mr. D. Kersey, South Carolina Electric & Gas Company
Mr. B. Kitchen, Duke Energy
Mr. S. Franzone, Florida Power & Light

ATTACHMENT 1

**Vogtle Electric Generating Plant On-Shift Staffing (Units 3 and 4)
Table 2.2.A**

Table 2.2.A - Vogtle Electric Generating Plant On-Shift Staffing

| Vogtle 3 & 4 | | | | | |
|---|---|---|------------------------|------------------------|---|
| Major Functional Area | Major Tasks | Position | On-Shift Unit 3 | On-Shift Unit 4 | Shared Resources with Unit 1&2 |
| Emergency Direction and Control | | Shift Manager (SM)/ Emergency Director (ED) | 1 | 1 | 1 <i>Note 3</i> |
| Plant Operations and Assessment of Operational Aspects | | Shift Supervisor (SRO) | 1 | 1 | 1 <i>Note 3</i> |
| | | Shift Support Supervisor /Fire Brigade(SRO/FBL) | 1 | | |
| | | Licensed Operator (SRO or RO) | 1 | | |
| | | Reactor Operators (RO) | 2 | 2 | |
| | | System Operators (SO) | 2 | 2 | |
| | | System Operators / Fire Brigade (SO/FBM) | 4 | | |
| Plant System Engineering, Repair and Corrective Actions | Technical Support | Shift Technical Advisor | <i>Note 1</i> | | |
| Notification/ Communication | Notify licensee, State local and Federal personnel & maintain communication | Licensed Operator (SRO or RO) | <i>Note 1</i> | | 1 <i>Note 3</i> |
| Radiological Accident Assessment and Support of Operational Accident Assessment | Offsite Dose Assessment | Chemistry Technician | | | 1 |
| | In-plant surveys | RP Technician | 1 | | |
| | Offsite Surveys Onsite (out-of-plant) | RP Technician | | | 1 |
| Protective Actions | Radiation Protection: a. Access Control b. RP Coverage for repair, corrective actions, search and rescue first- aid & firefighting c. Personnel monitoring d. Dosimetry | RP Technician | 1 | | |
| | Chemistry/Radio-chemistry | Chemistry Technician | 1 | | |

SNC Response to 2nd Set of RAIs
Standard E-Plan LAR Attach. 1

| | | | | |
|---|-------------------------------|---|----------|---|
| Plant System Engineering, Repair and Corrective Actions | Repair and Corrective Actions | Maintenance Supervisor | | 1 |
| | | Mechanic | | 1 |
| | | Electrician | | 1 |
| | | I & C Technician | | 1 |
| Total: | | | 21 | 9 |
| Firefighting | | Fire Brigade <small>Note 2</small> | 5 | |
| Rescue Operations and First Aid | | Rescue Operations/Fir st Aid <small>Note 1</small> | | 2 |
| Plant Access and Personnel Accountability | | Security | Sec Plan | |

Note 1 – May be provided by shift personnel assigned other functions

Note 2 – Fire Brigade made up of Fire Brigade Leader (SSS) and 4 System Operators

Note 3 – Vogtle Unit 1&2 resource may be used for events impacting multiple units