



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

May 17, 2016

Mr. C. R. Pierce
Regulatory Affairs Director
Southern Nuclear Operating Co., Inc.
P.O. Box 1295, Bin 038
Birmingham, AL 35201-1295

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2, AND VOGTLE
ELECTRIC GENERATING PLANT, UNITS 1 AND 2 - REQUEST FOR
ADDITIONAL INFORMATION (CAC NOS. MF5317, MF5318, MF7544, AND
MF7545)

Dear Mr. Pierce:

By letter dated November 24, 2014, as supplemented by letter dated March 16, 2016, Southern Nuclear Operating Company, Inc. (the licensee), submitted a license amendment request to revise the Joseph M. Farley Nuclear Plant, Units 1 and 2, Technical Specifications to adopt various previously approved Technical Specifications Task Force (TSTF) Travelers, including TSTF-312-A, Revision 1, "Administratively Control Containment Penetrations." A similar application was submitted on July 18, 2014, for the Vogtle Electric Generating Plant, Units 1 and 2.

On May 3, 2016, the U.S. Nuclear Regulatory Commission staff conducted an audit of the design for the licensee's plants and the bounding analysis used to support the proposed license amendments in accordance with the audit plan. During the audit, it was determined that additional information is needed, as stated in the enclosure to this letter. Please provide a response to this request for additional information within 30 days of the date of this letter.

Sincerely,

A handwritten signature in black ink, which appears to read "Bob Martin", is written over a horizontal line.

Bob Martin, Senior Project Manager
Plant Licensing Branch, II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-348, 50-364, 50-424,
and 50-425

Enclosure:
Request for Additional Information

cc w/enclosure: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2

VOGTLE ELECTRIC GENERATING PLANT UNITS 1 AND 2

SOUTHERN NUCLEAR OPERATING COMPANY, INC.

By letter dated November 24, 2014 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML14335A623), the Southern Nuclear Operating Company, Inc. (SNC) submitted a license amendment request to revise the Joseph M. Farley Nuclear Plant, Units 1 and 2, Technical Specifications (TSs) to adopt various previously approved Technical Specifications Task Force (TSTF) Travelers, including TSTF-312-A, Revision 1, "Administratively Control Containment Penetrations." The U.S. Nuclear Regulatory Commission (NRC) issued a request for additional information (RAI) on December 30, 2015 (ADAMS Accession No. ML15363A265). SNC provided its response on March 3, 2016 (ADAMS Accession No. ML16063A516).

By letter dated July 18, 2014 (ADAMS Accession No. ML14203A124), SNC submitted a similar license amendment request to revise the Vogtle Electric Generating Plant, Units 1 and 2, TSs. The NRC issued an RAI on January 13, 2015. SNC provided its response on February 27, 2015 (ADAMS Accession No. ML15058A891).

On May 3, 2016, the U.S. Nuclear Regulatory Commission staff conducted an audit of the design for the licensee's plants and the bounding analysis used to support the proposed license amendments in accordance with the audit plan. During the audit, it was determined that additional information is needed, as stated.

RAI No. 1:

Following a fuel handling accident (FHA), there exists a potential for activity to migrate from open containment penetrations into adjacent buildings and eventually into the control room. Please provide additional information describing how this potential contribution to control room dose is accounted for, in, or bounded by, the FHA dose consequence analysis of record.

RAI No. 2:

SNC states in its application that, "The proposed TS change adds a Note to the LCO for Specification 3.9.4, 'Containment Penetrations,' allowing 'Penetration flow path(s) that have direct access from the containment atmosphere to the outside atmosphere to be unisolated under administrative control.'" Please provide confirmation that the subject administrative controls will be defined in a document that is subject to the requirements of Title 10 of the *Code of Federal Regulations*, Section 50.59, "Changes, tests and experiments."

Enclosure

May 17, 2016

Mr. C. R. Pierce
Regulatory Affairs Director
Southern Nuclear Operating Co., Inc.
P.O. Box 1295, Bin 038
Birmingham, AL 35201-1295

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2, AND VOGTLE
ELECTRIC GENERATING PLANT, UNITS 1 AND 2 - REQUEST FOR
ADDITIONAL INFORMATION (CAC NOS. MF5317, MF5318, MF7544, AND
MF7545)

Dear Mr. Pierce:

By letter dated November 24, 2014, as supplemented by letter dated March 16, 2016, Southern Nuclear Operating Company, Inc. (the licensee), submitted a license amendment request to revise the Joseph M. Farley Nuclear Plant, Units 1 and 2, Technical Specifications to adopt various previously approved Technical Specifications Task Force (TSTF) Travelers, including TSTF-312-A, Revision 1, "Administratively Control Containment Penetrations." A similar application was submitted on July 18, 2014, for the Vogtle Electric Generating Plant, Units 1 and 2.

On May 3, 2016, the U.S. Nuclear Regulatory Commission staff conducted an audit of the design for the licensee's plants and the bounding analysis used to support the proposed license amendments in accordance with the audit plan. During the audit, it was determined that additional information is needed, as stated in the enclosure to this letter. Please provide a response to this request for additional information within 30 days of the date of this letter.

Sincerely,

/RA SWilliams for/
Bob Martin, Senior Project Manager
Plant Licensing Branch, II-1
Division of Operating Reactor Licensing
Office of Nuclear Reactor Regulation

Docket Nos. 50-348, 50-364, 50-424,
and 50-425

Enclosure:
Request for Additional Information

cc w/enclosure: Distribution via Listserv

DISTRIBUTION:

| | | |
|-----------------------------|-----------------------------|--------------------------|
| PUBLIC LPL2-1 R/F | RidsNrrDorlLpl2-1 Resource | RidsNrrPMFarley Resource |
| RidsNrrDorlDpr Resource | RidsRgn2MailCenter Resource | RidsNrrDe Resource |
| RidsNrrLALRonewicz Resource | RidsACRS_MailCTR Resource | RGrover, NRR |
| MBlumberg, NRR | RidsNrrDraArCb Resource | |

ADAMS Accession No.: ML16125A411

***by e-mail**

| OFFICE | DORL/LPL2-1/PM | DORL/LPL2-1/LA | DRA/ARCB* | DORL/LPL2-1/BC | DORL/LPL2-1/PM |
|--------|----------------|----------------|-----------|----------------|------------------------|
| NAME | SWilliams | LRonewicz | UShoop | MMarkley | BMartin(SWilliams for) |
| DATE | 5/12/16 | 5/5/16 | 5/10/16 | 5/17/16 | 5/17/16 |

OFFICIAL RECORD COPY