



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

March 28, 2014

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, UNIT NO. 1 - REQUEST FOR  
ADDITIONAL INFORMATION (TAC NO. MF3488)

Dear Mr. Pierce:

By letter dated February 18, 2014 (Agencywide Documents Access and Management System Accession No. ML14050A382), the Southern Nuclear Operating Company, Inc. (SNC, the licensee) submitted a proposed alternative tendon examination schedule for tendons affected by repair or replacement for the Joseph M. Farley Nuclear Plant, Unit No. 1, during the fourth inservice inspection interval.

The U.S. Nuclear Regulatory Commission staff has determined that additional information is needed as discussed in the Enclosure. We request that SNC respond within 30 days of the date of this letter. Please note that the NRC staff's review is continuing and further requests for information may be developed.

Sincerely,

A handwritten signature in black ink, reading "Shawn Williams", is positioned above the typed name.

Shawn Williams, Project Manager  
Plant Licensing Branch, II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

Docket No. 50-348

Enclosure:  
Request for Additional Information

cc w/encl: Distribution via Listserv

REQUEST FOR ADDITIONAL INFORMATION

JOSEPH M. FARLEY NUCLEAR PLANT, UNIT 1

PROPOSED ALTERNATIVE FNP-ISI-ALT-14, VERSION 1.0

REGARDING INITIAL EXAMINATION OF TENDONS AFFECTED BY

POST-TENSIONING SYSTEM REPAIR/REPLACEMENT ACTIVITIES

SOUTHERN NUCLEAR OPERATING COMPANY, INC.

DOCKET NO. 50-348

By letter dated February 18, 2014 (Agencywide Documents Access and Management System Accession No. ML14050A382), the Southern Nuclear Operating Company, Inc., submitted a proposed alternative tendon examination schedule for tendons affected by repair or replacement for the Joseph M. Farley Nuclear Plant, Unit No. 1 during the fourth inservice inspection interval. The NRC staff has reviewed the request and determined that additional information is necessary to complete the review.

**FNP-ISI-ALT-14-RAI-1:**

The following ten (10) horizontal tendons: (H7AB, H25AC, H27AC, H28BC, H29AB, H30AC, H33AB, H35AB, H41AB, and H44AB), were affected by post-tensioning repair/replacement activities, as noted in the above Reference. Please provide the required horizontal tendon force, according to the Farley Nuclear Plant (FNP) – Unit 1 current licensing basis, along with the minimum predicted force, expected at the next regularly scheduled FNP – Unit 1, American Society of Mechanical Engineers Boiler and Pressure Vessel Code, Section XI, IWL inspection (i.e. 40th Year tendon surveillance), for these ten tendons.

**FNP-ISI-ALT-14-RAI-2:**

For the ten horizontal tendons noted in FNP-ISI-ALT-14-RAI-1, please provide any information relative to indications of water intrusion or corrosion in these tendons and discuss any corrective actions taken, if indications of water intrusion or corrosion were observed.

Enclosure

March 28, 2014

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Regulatory Affairs Director  
Southern Nuclear Operating Co., Inc.  
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/RA/

Shawn Williams, Project Manager  
Plant Licensing Branch, II-1  
Division of Operating Reactor Licensing  
Office of Nuclear Reactor Regulation

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**ADAMS Accession No.: ML14085A057**

OFFICE	LPL2-1/PM	LPL2-1/LA	LPL2-1/BC	LPL2-1/PM
NAME	SWilliams	SFigueroa	RPascarelli	SWilliams
DATE	3/27/14	3/27/14	3/28/14	3/28/14

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