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UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 18183-1257

December 28, 2015

Mr. Stephen P. McGavin
Fleet Security Director
Southern Nuclear Operating Co., Inc.
Joseph M. Farley Nuclear Plant
40 Inverness Center Parkway (Bin B042)
Birmingham, AL 35242

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT – U.S. NUCLEAR REGULATORY
COMMISSION SECURITY INSPECTION REPORT 05000348/2015404 AND
05000364/2015404

Dear Mr. McGavin:

On November 19, 2015, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Joseph M. Farley Nuclear Plant. The inspection covered one or more of the key attributes of the security cornerstone of the NRC's Reactor Oversight Process. The enclosed inspection report (IR) documents the inspection results that were discussed on November 19, 2015, with C. Gayheart, Senior Vice President, Farley Nuclear Plant, and other members of the Farley Nuclear Plant and Southern Nuclear Operating Co., Inc., staff.

This report documents one NRC-identified finding of very low security significance (i.e., Green, as determined by the Physical Protection Significance Determination Process) that was identified during this inspection. The finding had a cross-cutting aspect in the area Human Performance-Challenge the Unknown (H.11), because the licensee did not stop when faced with uncertainty, and continued to implement compensatory measures despite raising questions about the bases and the adequacy of the measures. The licensee entered the issue into their corrective action program as Condition Report 10148640. The NRC is treating this violation as a non-cited violation (NCV), consistent with Section 2.3.2.a of the Enforcement Policy.

If you contest this violation or significance of the NCV, you should provide a response within 30 days of the date of this IR with the basis of your denial, to the U.S. Nuclear Regulatory Commission, ATTN: Document Control Desk, Washington DC 20555-0001; with copies to the Regional Administrator, Region II; the Director, Office of Enforcement, United States Nuclear Regulatory Commission, Washington, DC 20555-0001; and the NRC Resident Inspector at the Joseph M. Farley Nuclear Plant.

~~Enclosure(s) transmitted herewith contain(s) SUNSI. When separated from Enclosure(s), this transmittal document is decontrolled.~~

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S. McGavin

2

If you disagree with the cross-cutting aspect assignment in this report, you should provide a response within 30 days of the date of this IR with the basis for your disagreement, to the Regional Administrator, Region II, and the NRC Resident Inspector at the Joseph M. Farley Nuclear Plant.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390, "Public inspections, exemptions, requests for withholding," of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records (PARS) component of NRC's Agencywide Documents Access and Management System (ADAMS); accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

However, the material enclosed herein contains Security-Related Information in accordance with 10 CFR 2.390(d)(1), and its disclosure to unauthorized individuals could present a security vulnerability. Therefore, the material in the Enclosure will not be made available electronically for public inspection in the NRC Public Document Room, or from the PARS component of NRC's ADAMS. If you choose to provide a response and Security-Related Information is necessary to provide an acceptable response, please mark your entire response "Security-Related Information - Withhold from public disclosure under 10 CFR 2.390" in accordance with 10 CFR 2.390(d)(1), and follow the instructions for withholding in 10 CFR 2.390(b)(1). In accordance with 10 CFR 2.390(b)(1)(ii), the NRC is waiving the affidavit requirements for your response.

Sincerely,

/RA/

Binoy B. Desai, Chief
Plant Support Branch 2
Division of Reactor Safety

Docket Nos. 50-348 and 50-364
License Nos. NPF-2 and NPF-8

Enclosure:
~~IR 05000348/2015404 and 05000364/2015404~~
~~w/Attachment: Supplementary Information (OUO)~~

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|-------------|--------------|-----------------|--------------|--------------|-----------------|--------------|--|
| OFFICE | RII:DRS/PSB2 | OHCO/TTC | RII:DRS/PSB2 | RII:DRS/PSB2 | RII:DRP/BR2 | RII:DRS/PSB2 | |
| SIGNATURE | BBD for JOB2 | AXT9 via e-mail | JXJ5 | JCS3 | CWR1 for e-mail | BBD | |
| NAME | J. Brown | A. True | J. Justice | J. Shehee | S. Sandal | B. Desai | |
| DATE | 12/ 28 /2015 | 12/ 17 /2015 | 12/ 18 /2015 | 12/ 21 /2015 | 12/ 24 /2012 | 12/ 28 /2015 | |
| E-MAIL COPY | YES NO | YES NO | YES NO | YES NO | YES NO | YES NO | |

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 Public IR 2015-404.doc

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Letter to Stephen P. McGavin from Binoy B. Desai dated December 28, 2015

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT – U.S. NUCLEAR REGULATORY
COMMISSION SECURITY INSPECTION REPORT 05000348/2015404 AND
05000364/2015404

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3

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