



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

September 20, 2018

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 PHYSICAL SECURITY INSPECTION REPORT
05000348/2018410 AND 05000364/2018410

Dear Mr. McGavin:

On Aug 23, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Farley Nuclear Plant, Units 1 and 2, and discussed the results of this inspection with Mr. D. Erb, and other members of your staff. The results of this inspection are documented in the enclosed report.

No NRC-Identified or self-revealing findings were identified during the inspection.

This letter will be made available for public inspection and copying at <https://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room, in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Binoy Desai, Chief
Plant Support Branch
Division of Reactor Safety

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

Enclosure:
NRC IR 05000348/2018410, 364/2018410
w/Attachment: Supplemental Information

cc: (See page 2)

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SUBJECT: FARLEY NUCLEAR PLANT – U.S. NUCLEAR REGULATORY COMMISSION
 PHYSICAL SECURITY INSPECTION REPORT 05000348/2018410 AND
 05000364/2018410 dated September 20, 2018

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SIGNATURE	JCS3	RLP5	ICH	BBD	AJB3	BBD
NAME	J. Shehee	R. Patterson	I. Hall	B. Desai	A. Blamey	B. Desai
DATE	9/ 14 /2018	9/ 14 /2018	9/ 19 /2018	9/19 /2018	9/ 18 /2018	9/ 20 /2018
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 Report 2018-410.docx

U.S. NUCLEAR REGULATORY COMMISSION

Inspection Report

Docket Nos: 05000348 and 05000364

License Nos: NPF-2, NPF-8

Report Nos: 05000348/2018410 and 05000364/2018410

Enterprise Identifier: I-2018-410-0017

Licensee: Southern Nuclear Operating Company, Inc.

Facility: Farley Nuclear Plant, Units 1, and 2

Location: Columbia, Alabama

Dates: August 20 - 23, 2018

Inspectors: James Shehee, Senior Physical Security Inspector
Randy Patterson, Physical Security Inspector
Ivan Hall, Physical Security Inspector

Approved by: Binoy Desai, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a Baseline Security Inspection at Farley Nuclear Plant, Units 1 and 2 in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information. NRC and self-revealed findings, violations, and additional items are summarized in the table below.

List of Findings and Violations

No findings were identified.

INSPECTION SCOPE

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards.

SAFEGUARDS

71130.02 – Access Control (1 Sample)

The inspectors evaluated the security access control program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: all requirements
Tier II: 7 requirements 02.05 (a), (c) 02.07 (a), (b), (c), (d), (e)
Tier III: 1 requirement 02.09 (a)

71130.05 – Protective Strategy Evaluation and Performance Evaluation Program (2 Samples)

The inspectors evaluated the security protective strategy evaluation and performance evaluation program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: all requirements
Tier II: 19 requirements 02.05 (a): 02.06 (a) – (m); 02.07 (a) – (e)
Tier III: all requirements

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals listed below for the period from April 2017, through June 2018.

(1) Protected Area Security Equipment Performance Index

EXIT MEETINGS AND DEBRIEFS

On August 23, 2018, the inspectors presented the Baseline Security Inspection results to Mr. D. Erb and other members of the licensee staff.

LIST OF DOCUMENTS REVIEWED

PROCEDURES

Farley Controller Training Data Base, 2018
Farley Security Controller Training Attendance Documents May, June, July 2018
FNP-0-SP-1.0, Access Control, Version 28.0
FNP-0-SP-9.0, Lock and Key Control Procedures, Version 20.1
FNP-0-SP-10.0, Patrol Procedures, Version 34.0
NMP-SE-006, Security Drill and Exercise Program, Version 7.0
NMP-SE-012, Safety/Security Interface, Version 4.0
NMP-SE-021, Security Search Processes, Version 5.0
NMP-SE-023, Personnel Authorization and Badging Program, Version 2.1
Nuclear Oversight (NSO) Audit of Security, dated June 6, 2018
Pre-NRC Routine Baseline Inspection Readiness (Access Control & PI Verification) Check-in
Protective Strategy Evaluation Check-in Self-Assessment, dated March 30, 2018
Security Drill Packet Documents, CY 2017 and 2018
Self-Assessment, dated May 18, 2018
SNC, S-SE-LP-11700-00, Security Adversary Training Lesson Plan
SNC, S-SE-LP-11800-05, Security Controller Training Lesson Plan
Southern Nuclear Company Fleet Security Plan, Farley, Revision 17
Southern Nuclear Company Fleet Security Training & Qualification Plan, Farley, Revision 17

CONDITION REPORTS

17-10345930	10412765	10392764	10485495,
17-10374394	10412752	10392830	10517873
17-10415852	10412755	10399053	
18-10476043	10339914	10415852	
18-10494326	10387566	10460999	