



**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)

cc:

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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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|             |             |              |             |             |             |             |
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| OFFICE      | RII:DRS/PSB | RII:DRS/PSB  | RII:DRS/PSB | RII:DRS/PSB | RII:DRP/BR2 | RII:DRS/PSB |
| 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 |
| E-MAIL COPY | YES NO      | YES NO       | YES NO      | YES NO      | YES NO      | YES NO      |

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**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 |           |