



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
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October 7, 2019

Stephen P. McGavin  
Director Nuclear Fleet Security  
Southern Nuclear Operating Co., Inc.  
P. O. Box 1295  
Birmingham, AL 35201-1295

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT – U.S. NUCLEAR REGULATORY  
COMMISSION PHYSICAL SECURITY INSPECTION REPORT  
05000348/2019411 AND 05000364/2019411

Dear Mr. McGavin:

On September 12, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at the Joseph M. Farley Nuclear Plant, Units 1 and 2, and discussed the results of this inspection with Mr. D. Erb, and other members of the 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 05000348/2019411, 364/2019411

cc: (See page 2)

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ADAMS: ☒ Yes    ACCESSION NUMBER: **ML19280C236**    ☒ SUNSI REVIEW COMPLETE ☒ FORM 665 ATTACHED

OFFICE	RII/DRS	RII/DRS	RII/DRP	RII/DRP	RII/DRS	
NAME	IHall	JShehee	JWorosilo	ABlamey	BDesai	
DATE	10/01/2019	10/2/2019	10/3/2019	10/7/2019	10/7/2019	

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**U.S. NUCLEAR REGULATORY COMMISSION**

**Inspection Report**

Docket Nos: 05000348 and 05000364

License Nos: NPF-2, NPF-8

Report Nos: 05000348/2019411 and 05000364/2019411

Enterprise Identifier: I-2019-411-0013

Licensee: Southern Nuclear Operating Company, Inc.

Facility: Joseph M. Farley Nuclear Plant, Units 1, and 2

Location: Columbia, Alabama

Dates: September 9 – 12, 2019

Inspectors: James Shehee, Senior Physical Security Inspector  
Ivan Hall, Physical Security Inspector  
Jannette Worosilo, Physical Security Inspector (In-Training)

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 the Joseph M. 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 NRC-identified violations were identified during this inspection.

## **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 inspector 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**

### 71130.04 - Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security testing and maintenance program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I:           all 38 requirements  
Tier II:           6 requirements 02.09 (a), (b), 02.12 (a), 02.13 (a)  
Tier III:          2 requirements 02.15 (a), (b)

### 71130.07 - Security Training (1 Sample)

The inspectors evaluated the nuclear security training program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I:           all 16 requirements  
Tier II:           6 requirements 02.05 (a), (b), (c), (d), 02.07 (a), 02.09 (a)  
Tier III:          5 requirements 02.10, 02.11(a), (b); 02.13 (a), (b)

## **EXIT MEETINGS AND DEBRIEFS**

On September 12, 2019, the inspectors presented the Baseline Security Inspection results to Mr. D. Erb, and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedures	Type	Designation	Description or Title	Version
71130.04	Procedures	FNP-0-SP-22.4	Annual Testing of Security Systems	4.0
		FNP-0-SP-22.2	Weekly/Semi-Annual Testing of Security Systems	6.0
		FNP-0-SP-22.1	Daily Testing of Security Systems	6.0
		FNP-0-SP-22.3	Monthly/Quarterly/Annual Testing/Inspection of Security Systems	4.0
71130.07	Procedures	NMP-SE-020	Southern Nuclear Company Security Training Program	6.0
71130.04	Corrective Action Documents	10645171	Clarify Security Procedure FNP-O-SP-22	
		10624511	Aggregate Trend of Degraded Security Cameras	
		10545864	Security door handle broken off	
		10571940	Camera #48 tamper alarm	
71130.07	Corrective Action Documents	10582513	Security Training/Gap Needs Analysis request	