



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200  
ATLANTA, GEORGIA 30303-1200

December 23, 2020

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

SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2 – SECURITY  
BASELINE INSPECTION REPORT 05000348/2020403 AND 05000364/2020403

Dear Mr. McGavin:

On December 4, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Joseph M. Farley Nuclear Plant, Units 1 and 2. On December 8, 2020, the NRC inspectors discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Ivan Hall, Chief (acting)  
James C. Shehee, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos. 05000348 and 05000364  
License Nos. NPF-2 and NPF-8

Enclosure:  
As stated

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SUBJECT: JOSEPH M. FARLEY NUCLEAR PLANT, UNITS 1 AND 2 – SECURITY  
BASELINE INSPECTION REPORT 05000348/2020403 AND 05000364/2020403  
Dated December 23, 2020

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NAME	J. Brown	J. Tornow	J. Shehee	I. Hall	
DATE	12/ 20 /2020	12/ 21 / 2020	12/ /2020	12/ 22 /2020	

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**U.S. NUCLEAR REGULATORY COMMISSION**  
**Inspection Report**

Docket Numbers: 05000348 and 05000364

License Numbers: NPF-2 and NPF-8

Report Numbers: 05000348/2020403 and 05000364/2020403

Enterprise Identifier: I-2020-403-0030

Licensee: Southern Nuclear Operating Co. Inc.

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

Location: Ashford AL

Inspection Dates: September 14 -18, 2020 (On-site)  
November 30, - December 04, 2020 (Remote)

Inspectors: J. Brown, Physical Security Inspector  
J. Tornow, Physical Security Inspector

Approved By: James C. Shehee, 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 security baseline inspection at 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.

### **List of Findings and Violations**

No findings or violations of more than minor significance were identified.

### **Additional Tracking Items**

None.

## INSPECTION SCOPES

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin teleworking. The inspection documented below was completed through a combination of remote and onsite inspection.

## SAFEGUARDS

### 71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

#### Access Control (1 Sample)

- (1)
  - Tier I: All Requirements
  - Tier II: None
  - Tier III: 1 Requirement (02.09)

### 71130.09 - Security Plan Changes (1 Sample)

The inspectors evaluated the security plan changes through completion of the following procedure elements:

#### Review Security Plan Changes (IP Section 02.01)

- (1) Since the last NRC inspection of this program area, Security Plan Revision 18-FNP-1 was implemented based on your determination, in accordance with 10 CFR 50.54(p)(2), that the changes resulted in no decrease in safeguards effectiveness of the security plan, and the revised security plan continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for potential decrease in safeguards effectiveness of the security plan. However, this review does not constitute formal NRC approval of the changes. Therefore, these changes remain subject to future NRC inspection in their entirety.

## **OTHER ACTIVITIES – BASELINE**

### 71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals listed below:

#### PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17)

The inspectors verified licensee performance indicators submittals listed below:

- (1) (Aug 2019 - Aug 2020)

## **OTHER ACTIVITIES – TEMPORARY INSTRUCTIONS, INFREQUENT AND ABNORMAL**

### 92702 CONF - Enforcement Related Order Follow-Up-Only (1 Sample)

Farley Inspection Report 05000348/2020402 and 05000364/2020402 issued on March 20, 2020, verified that the Confirmatory Order, EA-18-032, requirements described in Section V.1.a through V.1.i were implemented in accordance with the Confirmatory Order. During this inspection, the Inspector identified one remaining requirement at Section V.1.m which would need to be reviewed during a future inspection due to the scheduled completion date.

#### Enforcement Related Order Follow-Up-Only

- (1) Confirmatory Order (EA-18-032) requirement V.1.m required an Effectiveness review after 18 months and was completed by the licensee on August 13, 2020. SNC provided the Effectiveness review to the NRC on September 10, 2020. The inspector reviewed the report and verified the Effectiveness review met the requirements outlined in the Confirmatory Order. The licensee's implementation of Confirmatory Order requirement V.1.m. completes all requirements of the Confirmatory Order.

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

The inspectors verified no proprietary information was retained or documented in this report.

- On December 8, 2020, the inspectors presented the security baseline inspection results to Delson Erb and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	10689241	Security Sally Port Wedges not working per design	02/21/2020
	Corrective Action Documents Resulting from Inspection	10739680	Security NRC Issue of Concern	09/17/2020
	Miscellaneous	10714070, 10714166, 10715065, 10717342, 10711043	Various CR Documents	
	Procedures	FNP-0-SP-10.0	Patrol Procedures	VERSION 34.1
		FNP-0-SP-9.0	Lock and Key Control Procedures	VERSION 20.3
		NMP-SE-021	Security Search Processes	VERSION 8.0
		NMP-SE-023	Personnel Authorization and Badging Program	VERSION 3.2
71130.09	Miscellaneous		Security Plan Changes	Version number- 18-FNP-1
71151	Procedures	NMP-AD-029	Preparation and Reporting of Regulatory Assessment Performance Indicator Data and the Monthly Operating Report	VERSION 2.0
92702 CONF	Self-Assessments	1036824	Effectiveness Review Technical Evaluation	08/13/2020