



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

November 29, 2023

Jamie Coleman  
Regulatory Affairs Director  
Southern Nuclear Operating Co., Inc.  
3535 Colonnade Parkway  
Birmingham, AL 35243

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNITS 1&2 – SECURITY BASELINE  
INSPECTION REPORT 05000321/2023402, 05000366/2023402, AND  
07200036/2023401

Dear Jamie Coleman:

On November 16, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Edwin I. Hatch Nuclear Plant, Units 1&2 and discussed the results of this inspection with Johnny Weissinger 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,

A handwritten signature in cursive script that reads "Jannette Worosilo".

Signed by Worosilo, Jannette  
on 11/29/23

Jannette G. Worosilo, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos. 05000321, 05000366, and 07200036  
License Nos. DPR-57 and NPF-5

Enclosure:  
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNITS 1&2 – SECURITY BASELINE INSPECTION REPORT 05000321/2023402, 05000366/2023402, AND 07200036/2023401 Dated November 29, 2023

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

Docket Numbers: 05000321, 05000366, and 07200036

License Numbers: DPR-57 and NPF-5

Report Numbers: 05000321/2023402, 05000366/2023402, and 07200036/2023401

Enterprise Identifier: I-2023-402-0016 and I-2023-401-0033

Licensee: Southern Nuclear Operating Co., Inc.

Facility: Edwin I. Hatch Nuclear Plant, Units 1&2

Location: Baxley, GA

Inspection Dates: November 13, 2023, to November 16, 2023

Inspectors: J. Justice, Sr. Physical Security Inspector  
D. Egelstad, Physical Security Inspector (in-training)

Approved By: Jannette G. Worosilo, 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 Edwin I. Hatch Nuclear Plant, Units 1&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

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. 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

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: 02.06(a - d), 02.08(a,b,c,e,f,g)
  - Tier III: 02.10(a)

### 71130.09 - Security Plan Changes

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

#### Security Plan Changes (1 Partial)

- (1) (Partial)  
The opportunity to apply this procedure was not available in accordance with IMC 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change in accordance with 10 CFR 50.54(p)(2) since the last performance of this IP.

## OTHER ACTIVITIES – BASELINE

### 71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

#### PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) August 1, 2022 - November 16, 2023

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

### 81311 - Physical Security Requirements for Independent Spent Fuel Storage Installations

The inspectors evaluated the licensee's physical security measures for the independent spent fuel storage installation through completion of the following inspection elements:

#### Physical Security Requirements for Independent Spent Fuel Storage Installations (1 Sample)

- (1) IP requirements 02.01 - 02.08, as required by the inspection procedure for a general licensed ISFSI.

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On November 16, 2023, the inspectors presented the security baseline inspection results to Johnny Weissinger and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	1139778		
	Procedures	80AC-SEC-002-0	Key and Annunciated Door Control	Rev 4.4
		82SS-SEC-027-5S	Security Compensatory Actions	Rev 11.8
		82SS-SEC-033-0S	Security Key and Lock Control	Rev 3.4
		NMP-AD-013	Control of Safeguards Information	Rev 5.1
		NMP-SE-021	Security Search Process	Rev 13.1
		NMP-SE-021	Security Search Processes	Rev 14
71151	Procedures	NMP-AD-029	Preparation and Reporting of Regulatory Assessment Performance Indicator Data and the Monthly Operating Report	Rev 3.2
		NMP-AD-034	Key Performance Indicators	Rev 13.2
81311	Corrective Action Documents	11024238 11024241 11024565		
	Procedures		Law Enforcement Response Plan	Rev 17
		34S)-OPS-001-0	Operating the Security and Dry Storage Power Systems	Rev 8.2
		82IT-SEC-002-5	Weekly Testing of Security Systems	Rev 1.0
		82IT-SEC-003-5	Semi-Annual - Quarterly Testing/Inspection of Security Systems	Rev 1.0
		82SS-SEC-025-5	Security Patrols	Rev 9.6
		82SS-SEC-037-5	Contingency Planning	Rev 13.4
		Hatch Nuclear Plant Physical Security Plan		Rev 18
		NMP-SE-005	Security Firearms Maintenance	Rev 10