



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

October 06, 2021

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

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT UNITS 1 AND 2 – SECURITY BASELINE
INSPECTION REPORT 05000321/2021401 AND 05000366/2021401

Dear Mr. McGavin:

On September 23, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Edwin I. Hatch Nuclear Plant Units 1 and 2 and discussed the results of this inspection with Mr. J. 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,

/RA/

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

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

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

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INSPECTION REPORT 05000321/2021401 AND 05000366/2021401
Dated October 06, 2021

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NAME	J. Tornow	A. Richardson	R. Patterson	J. Worosilo	
DATE	10/06/2021	10/05/2021	10/05/2021	10/06/2021	

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

Docket Numbers: 05000321 and 05000366

License Numbers: DPR-57 and NPF-5

Report Numbers: 05000321/2021401 and 05000366/2021401

Enterprise Identifier: I-2021-401-0040

Licensee: Southern Nuclear Operating Company, Inc.

Facility: Edwin I. Hatch Nuclear Plant Units 1 and 2

Location: Baxley, GA

Inspection Dates: September 20, 2021 to September 23, 2021

Inspectors: R. Patterson, Physical Security Inspector
A. Richardson, Physical Security Inspector
J. Tornow, Physical Security Inspector

Approved By: Jannette G. Worosilo, Chief
Plant Support Branch
Division 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 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

Type	Issue Number	Title	Report Section	Status
URI	05000321,05000366/2019201-01	Security URI	71130.05	Closed

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>.

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: 8 Requirements (02.06 a - d, 02.07 a, 02.08 a, b, e)
 - Tier III: 1 Requirement (02.09)

71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

Protective Strategy Evaluation (2 Samples)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.05 a, 02.06 a, d, e, f, g, h, i, j, k, l, m, n, 02.07 a, b, c, e)
- (2)
 - Tier III: (02.08, 02.09 a, b, 02.11 a)

71130.09 - Security Plan Changes

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

Review Security Plan Changes (IP Section 02.01) (1 Sample)

- (1) Since the last NRC inspection of this program area, Security Plan Revision 18 HNP 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 that the revised security plan changed 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

The inspectors verified licensee performance indicators submittals listed below:

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

(1)

Unit 1 (September, 2020 through August, 2021)

Unit 2 (September, 2020 through August, 2021)

INSPECTION RESULTS

URI	Security URI URI 05000321,05000366/2019201-01	71130.05
<p>Description: A URI was identified for whether the licensee adequately analyzed site-specific conditions that may affect the specific measures needed to design and implement the site's physical protection program. NSIR completed their review of the analysis the licensee sent to close the URI. Based on NSIR's review of the licensee's analysis the equipment in question can withstand the Design Base Threat (DBT) Waterborne Improvised Explosive Device (WBIED). No findings or violations were identified.</p> <p>Corrective Action Reference(s): Licensee furnished an analysis to NSIR showing the equipment in question could withstand the DBT WBIED. No additional corrective actions were needed.</p>		

EXIT MEETINGS AND DEBRIEFS

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

- On September 23, 2021, the inspectors presented the security baseline inspection results to Mr. J. 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	10742296	Prohibited Item Discovered	09/29/2020
71130.02	Corrective Action Documents	10744886	Inadequate Vehicle Search	10/09/2020
71130.02	Corrective Action Documents Resulting from Inspection	10760020	Unsearched Profile Vehicle	12/11/2020
71130.02	Procedures	80AC-SEC-001-0	Plant Security and Entry Control	Version 7.6
71130.02	Procedures	82SS-SEC-033-0S	Security Lock And Key Control	Revision 3.3
71130.02	Procedures	NMP-SE-021	Security Search Processes	Version 9.0
71130.05	Corrective Action Documents	18-10544336		
71130.05	Corrective Action Documents	19-10646321		
71130.05	Corrective Action Documents	19-10656738		
71130.05	Corrective Action Documents	19-10656748		
71130.05	Corrective Action Documents	19-10656773		
71130.05	Corrective Action Documents	19-10660542		
71130.05	Corrective Action Documents	19-10672031		
71130.05	Corrective Action Documents	20-10754196		
71130.05	Miscellaneous	NMP-SE-020-F05	SNC Adversary Training	Version 2.0
71130.05	Miscellaneous	NMP-SE-020-F05	Drill Controller Initial/Continuing Training	Version 2.0
71130.05	Procedures	NMP-SE-006	Security Drill and Exercise Program	Version 7
71130.05	Procedures	NMP-SE-008	Use of Force	Version 4.2

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.05	Procedures	NMP-SE-012	Safety/Security Interface	Version 5.0
71130.05	Self-Assessments	TE 1080002	Check-In Self Assessment (CISA) Hatch	June 4, 2021
71151	Corrective Action Documents	10738547	Tamper alarm with no reset	9/14/2020
71151	Corrective Action Documents	10757652	Alarm With No Reset	12/02/2020
71151	Corrective Action Documents	10795677	Alarm due to environmental conditions	05/05/2021
71151	Miscellaneous		KPI Data Report	August 2021
71151	Procedures	NMP-AD-034	Key Performance Indicators	Version 11.0