



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

July 19, 2022

Ms. Cheryl A. Gayheart
Regulatory Affairs Director
Southern Nuclear Operating Co., Inc.
3535 Colonnade Parkway
Birmingham, AL 35243

SUBJECT: EDWIN I. HATCH – SECURITY BASELINE INSPECTION REPORT
05000321/2022402 AND 05000366/2022402

Dear Ms. Gayheart:

On June 16, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Edwin I. Hatch and discussed the results of this inspection with Mr. Matt Busch 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 blue ink that reads "Gerald J. McCoy".

Signed by McCoy, Gerald
on 07/19/22

Gerald J. McCoy, Chief
Engineering Branch 2
Division of Reactor Safety

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

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: EDWIN I. HATCH – SECURITY BASELINE INSPECTION REPORT
05000321/2022402 AND 05000366/2022402 DATED JULY 19, 2022

DISTRIBUTION:

M. Kowal, RII
S. Price, RII,
N. Doiley, RII
RidsNrrPMHatch Resource
RidsNrrDro Resource
PUBLIC

ADAMS ACCESSION NUMBER: **ML22200A237**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RII/DRS/EB2	RII/DRS/EB2			
NAME	J. Montgomery	G. McCoy			
DATE	7/14/2022	7/19/2022			

OFFICIAL RECORD COPY

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

Docket Numbers: 05000321 and 05000366

License Numbers: DPR-57 and NPF-5

Report Numbers: 05000321/2022402 and 05000366/2022402

Enterprise Identifier: I-2022-402-0035

Licensee: Southern Nuclear Operating Co., Inc.

Facility: Edwin I. Hatch

Location: Baxley, GA

Inspection Dates: June 14, 2022 to June 16, 2022

Inspectors: J. Montgomery, Senior Reactor Inspector

Approved By: Gerald J. McCoy, Chief
Engineering Br 2
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, 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

71130.14 - Review of Power Reactor Target Sets

The inspectors evaluated the Security Target Set Program. The following elements were evaluated:

Review of Power Reactor Target Sets (1 Sample)

- (1) Section 02.01 Review of Events and Logs
This section was not reviewed.

Section 02.02 Target Set Identification and Development Process Review

The inspector assessed the licensee's documentation and maintenance of the process used to develop and identify complete and accurate target sets as required by 10 CFR Part 73 by reviewing applicable portions of procedures and samples of records and conducting interviews with responsible personnel and plant employees.

Section 02.03 Verification of Target Sets Changes

The inspector reviewed changes to the licensee's documented target sets since the last Target Set inspection. The inspector verified that any design modifications and procedure or configuration changes that have occurred were appropriately documented in the site's target sets.

Section 02.04 Verification of Complete and Accurate Target Sets

The inspector interviewed licensee personnel and reviewed a sample of target sets for reactor operation and for modes other than operation. The inspector reviewed assumptions used in the licensee's development of its target sets.

Section 02.05 Physical Protection Program Review

The inspector verified that the licensee performed a review of target sets for accuracy, completeness, and applicability at least every 24 months and as otherwise required, documented the results and recommendations, and entered findings in the site's corrective action program (CAP)

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On June 16, 2022, the inspectors presented the security baseline inspection results to Mr. Matt Busch and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.14	Corrective Action Documents	10602395	During the 2019 NRC Target set inspection...	04/18/2019
		10602397	During the 2019 NRC Target set inspection...	04/18/2019
	Corrective Action Documents Resulting from Inspection	10888150	Target Set Documentation Error	06/15/2022
		10888163	Target Set Documentation Error	06/15/2022
		10888368	Minor Target Set Inspection Violation	06/16/2022
	Miscellaneous		2020 TSAT Annual Review Action Plan	
	Procedures	NMP-SE-012	Safety/Security Interface	Version 5.0
		NMP-SE-015	Target Set Identification, Development, and Maintenance	Version 8.0