



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

June 18, 2025

Jamie M. Coleman
Regulatory Affairs Director
Southern Nuclear Operating Co., Inc.
3535 Colonnade Parkway, N 274.EC
Birmingham, AL 35243

SUBJECT: EDWIN I. HATCH NUCLEAR PLANT, UNITS 1 & 2 – CYBER SECURITY
INSPECTION REPORT 05000321/2025403 AND 05000366/2025403

Dear Jamie M. Coleman:

On May 15, 2025, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Edwin I. Hatch Nuclear Plant and discussed the results of this inspection with Matt Blocker 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 "Daniel M. Bacon".

Signed by Bacon, Daniel
on 06/18/25

Daniel M. Bacon, Chief
Engineering Branch 2
Division of Operating 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 NUCLEAR PLANT, UNITS 1 & 2 – CYBER SECURITY
 INSPECTION REPORT 05000321/2025403 AND 05000366/2025403 DATED
 JUNE 18, 2025

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NAME	P. Braaten	W. Monk	J. Hartman	J. Bowden	D. Bacon
DATE	06/11/2025	06/11/2025	06/9/2025	06/6/2025	06/18/2025

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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: 05000321/2025403 and 05000366/2025403

Enterprise Identifier: I-2025-403-0016

Licensee: Southern Nuclear Operating Co., Inc.

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

Location: Baxley, GA

Inspection Dates: May 12, 2025 to May 15, 2025

Inspectors: J. Bowden, Cyber Security Specialist
P. Braaten, Senior Reactor Inspector
J. Hartman, Cyber Security Specialist
W. Monk, Senior Reactor Inspector

Approved By: Daniel M. Bacon, Chief
Engineering Branch 2
Division of Operating Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a cyber security inspection at Edwin I. Hatch Nuclear Plant, 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

71130.10 - Cybersecurity

The inspectors reviewed implementation of Hatch's Cyber Security Plan (CSP) and focused on evaluating changes to the program, critical systems, and CDAs.

Cybersecurity (1 Sample)

- (1) The following IP sections were completed and constitute completion of 1 sample:
 1. 03.01, "Review Ongoing Monitoring and Assessment Activities"
 2. 03.02, "Verify Defense-in-Depth Protective Strategies"
 3. 03.03, "Review of Configuration Management Change Control"
 4. 03.05, "Evaluation of Corrective Actions"

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On May 15, 2025, the inspectors presented the cyber security inspection results to Matt Blocker and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.10	Corrective Action Documents	CR 1069030		06/10/2020
		CR 1070738		07/21/2020
		CR 10938201		01/09/2023
		CR 10949154		02/17/2023
	Corrective Action Documents Resulting from Inspection	CR 11177785	2025 NRC Cyber Inspection - Documentation for auditable events review	05/12/2025
		CR 11177787	2025 NRC Cyber Inspection - Baseline configuration list of software	05/12/2025
		CR 11177788	2025 NRC Cyber Inspection - Discrepancies between baseline configuration software and vulnerability management software	05/12/2025
		CR 11178178	2025 NRC Cyber Inspection - Vulnerability Management Procedure Enhancements	05/13/2021
		CR 11178663	2025 NRC Cyber Inspection - E5.5 Controls for Select CDAs	05/15/2025
		CR 11178671	2025 NRC Cyber Inspection - Evaluation of controls on Indirect SIEM	05/15/2021
		CR 11179641	2025 NRC Cyber Inspection - Removal of Unnecessary Services	05/19/2025
	Engineering Changes	SNC1132207J003	CDA Functional Group Assessment CDA-HNP-2B31-001	02/18/2021
		SNC1132207J004	CDA Functional Group Assessment CDA-HNP-1B31-001	02/18/2021
		SNC1183620J003	Critical Digital Asset (CDA) Functional Group Assessment Unit 2 SPDS and ERDS Systems	Rev. 01
		SNC1348498J100	Critical Digital Asset (CDA) Functional Group Assessment - Feedwater	Rev 02
		SNC1396441	Wireless Gauge Reader Evaluation	Rev. 2
	Miscellaneous	CDA-HNP-2S32-003	Critical Digital Asset (CDA) - Functional Group Assessment U2 Generator, Main Transformer, UAT Protective Relays	Rev. 01
		CSP-1	SOUTHERN NUCLEAR OPERATING COMPANY CYBER SECURITY PLAN	Rev. 4
		NL-24-0254	Report of Changes to Cyber Security Plan and Summary of 50.54(p) Analysis	01/09/2025
		S-77950	Global Instrument & Control DCIS Platform & Cyber Security	Rev. 02

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Engineering Snare Enterprise Agent User Guide	
		S-77951	Global Operations Services DCIS Platform & Cyber Security Engineering Microsoft Windows Server 2016 Hardening Configuration Guide	Rev. 02
		S-78291	Simatic Industrial PC Simatic IPC477E	Rev. 01
	Procedures	DI-OPS-96-1222	Control of Wireless Gauge Readers	Rev. 1.2
		NMP-ES-046	Configuration Management	Rev. 3.1
		NMP-ES-095	Interface Procedure for IP-ENG-001, "Standard Design Process"	Rev. 16
		NMP-GM-007	Acquisition and Development of Technology Solutions for Southern Nuclear	Rev. 16
		NMP-GM-010	Supplemental Personnel Control	Rev. 16.5
		NMP-GM-014	Cyber Security for Digital Plant Systems	Rev. 17.13
		NMP-GM-014-007	10 CFR 73.54 Critical Digital Asset (CDA) Identification Instructions	Rev. 15.4
		NMP-GM-014-018	CDA Vulnerability Management	Rev. 11
		NMP-GM-014-019	CDA Configuration Management and Cyber Hardening Controls	Rev. 7.4
		NMP-TR-602	Training and Qualification of Supplemental Personnel	Rev. 17.3
	NMP-TR-602-F02	Supplemental Personnel Training Matrix	Rev. 14	
	Self-Assessments	CISA-HNP-2025-Cyber_Plan	Pre-NRC Inspection CISA - Cyber Security	02/11/2025
Work Orders	SNC1799728	Review Splunk logs for Digital Gateway and the connected CDAs	04/23/2025	