



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

March 24, 2023

Jamie Coleman
Regulatory Affairs Director
Southern Nuclear Operating Company
7825 River Road, BIN 63031
Waynesboro, GA 30830

SUBJECT: VOGTLE UNIT 4 – SECURITY BASELINE INSPECTION REPORT
05200026/2023401

Dear Jamie Coleman:

On March 3, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Vogtle Unit 4 and discussed the results of this inspection with S. McGavin 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 03/24/23

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

Docket No. 05200026

Enclosure:
As stated

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SUBJECT: VOGTLE UNIT 4 – SECURITY BASELINE INSPECTION REPORT
05200026/2023401

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OFFICE	RII/DRS	RII/DRS			
NAME	R. Patterson	J. Worosilo			
DATE	03/24/2023	03/24/2023			

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

Docket Number: 05200026

License Number: NPF-92

Report Number: 05200026/2023401

Enterprise Identifier: I-2023-401-0068

Licensee: Southern Nuclear Operating Company

Facility: Vogtle Unit 4

Location: Waynesboro GA

Inspection Dates: March 01, 2023, to March 03, 2023

Inspectors: R. Patterson, Physical Security Inspector

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 Vogtle Unit 4, 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

71130.09 - Security Plan Changes

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

Security Plan Changes (1 Sample)

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

Since the last NRC inspection of this program area, Vogtle Electric Generating Plant Units 1-4, Physical Security Plan, Revision 18-VEGP-2 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 – TEMPORARY INSTRUCTIONS, INFREQUENT AND ABNORMAL

81000.03 - Performance Evaluation Program

The inspectors evaluated the performance evaluation program through completion of the following procedure elements:

Performance Evaluation Program (15 Samples)

- (1) The inspector completed 7 samples (02.01, 02.02 a, b, d, g, h, 02.03) of IP 81000.03, "Performance Evaluation Program Inspection." The remaining 8 samples were previously completed and documented in inspection report (IR) 05200025/05200026 – 2020-008 (ML20224A009). The inspector verified that the licensee has developed and is prepared to implement all aspects of security's performance evaluation program.

81000.10 - Security Organization, Management Effectiveness, Program Reviews and Audits

The inspectors evaluated the security organization, management effectiveness, program reviews and audit program through completion of the following procedure elements:

Security Organization, Management Effectiveness, Program Reviews and Audits (26 Samples)

- (1) The inspector completed 9 samples (02.01, 02.02, a, b, l, 02.04 a-d, 02.05) of IP 81000.10, "Security Organization Management Effectiveness Program Reviews and Audit." The remaining 17 samples were previously completed and documented in IR 05200025/05200026 – 2020-009 (ML20315A137). The inspector verified that the licensee has developed and is prepared to implement, all aspects of the security organization management effectiveness program reviews and audit programs.

81431 - Fixed Site Physical Protection of Special Nuclear Material of Low Strategic Significance

The inspectors evaluated the fixed site physical protection of special nuclear material of low strategic significance program through completion of the following procedure elements:

Fixed Site Physical Protection of Special Nuclear Material of Low Strategic Significance (26 Samples)

- (1) The inspector completed 12 samples (02.02 a-e, 02.03 a-c, 02.04 a-d) of IP81431, "Fixed Site Physical Protection of Special Nuclear Material of Low Significance." The remaining 14 samples were previously completed and documented in IR 05200025/05200026 – 2020-010 (ML21041A242). The inspector verified that the licensee has a Special Nuclear Material (SNM) Physical Protection Program approved and is prepared to implement all aspects of the SNM physical protection plan.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On March 3, 2023, the inspectors presented the security baseline inspection results to S. McGavin and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.09	Corrective Action Documents Resulting from Inspection	23-501172078		
		23-50170273		
	Miscellaneous		Vogtle Electric Generating Plant Units 1&2 Report of Changes to the Physical Security Plan/Training and Qualification Plan, and Contingency Plan	May 6, 2021
			Southern Nuclear Operating Company Vogtle Electric Generating Plant Units 1-4 Report of Changes Incorporated into Version 18-VEGP-2 of the Physical Security Plan, Training and Qualification Plan, and Safeguards Contingency Plan	September 26, 2022
81000.03	Miscellaneous		Vogtle 4 Protection Strategy Briefing PowerPoint	
81000.10	Corrective Action Documents	21-50083593		
		21-50105533		
		21-50107793		
		21-50112776		
		22-50140776		
	22-50163429			
	Self-Assessments	ND-SC-SEC-CSP-2022	Nuclear Development Quality Assurance (NDQA) Notification of Security/Cyber Security Audit	March 21, 2022
81431	Miscellaneous		Southern Nuclear Operating Company, Vogtle Units 3&4 Special Nuclear Material (SNM) Physical Protection Program Description	Revision 1
			Vogtle 4 Fuel Receipt Lesson Plan	February 20, 2023
			SNMPPP Patrol Tour Job Aid	
	Procedures	NMP-SE-017-F02	Officer Turnover Report- Attachment 2	Version 2.0
NMP-SE-017-F02, V-SSO-2020-02		Security Standing Order-Special Nuclear Material Receipt and Protection	Version 4.1	