



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

June 29, 2022

Ms. Cheryl A. Gayheart
Regulatory Affairs Director
Southern Nuclear Operation CO, INC
3535 Colonnade Parkway
Birmingham, AL 35243

SUBJECT: VOGTLE NUCLEAR GENERATING PLANT, UNITS 1&2 – SECURITY BASELINE
INSPECTION REPORT 05000424/2022402, 05000425/2022402 AND
07201039/2022401

Dear Ms. Gayheart:

On June 9, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Vogtle Nuclear Generating Plant, Units 1&2 and discussed the results of this inspection with Mr. Ho Nieh 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 06/29/22

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

Docket Nos. 05000424, 05000425, and 07201039
License Nos. NPF-68 and NPF-81

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

SUBJECT: VOGTLE NUCLEAR GENERATING PLANT, UNITS 1&2 – SECURITY
 BASELINE INSPECTION REPORT 05000424/2022402, 05000425/2022402
 AND 07201039/2022401 DATED JUNE 29, 2022

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NAME	J. Wallo	A. Richardson	R. Patterson	J. Worosilo	
DATE	6/29/2022	6/29/2022	6/29/2022	6/29/2022	

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000424, 05000425, and 07201039

License Numbers: NPF-68 and NPF-81

Report Numbers: 05000424/2022402, 05000425/2022402 and 07201039/2022401

Enterprise Identifier: I-2022-402-0022, I-2022-401-0044

Licensee: Southern Nuclear Operation CO, INC

Facility: Vogtle Nuclear Generating Plant, Units 1&2

Location: Waynesboro, GA

Inspection Dates: June 06, 2022 to June 09, 2022

Inspectors: R. Patterson, Physical Security Inspector
J. Tornow, Physical Security Inspector
J. Wallo, Senior 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 Nuclear Generating 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, 02.07 a, 02.08 a, b, e)
 - Tier III: (02.09)

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.09 a, b, 02.11 a-c, 02.12 a, 02.13 a)
 - Tier III: (02.14, 02.15 a-c)

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.05 b, c, 02.06 a, b, 02.07 a, 02.09 b)
 - Tier III: (02.10, 02.11 a, 02.12 a, 02.13 a, b)

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)

The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 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) May 2021 through May 2022

OTHER ACTIVITIES – TEMPORARY INSTRUCTIONS, INFREQUENT AND ABNORMAL

81311 - Physical Security Requirements for Independent Spent Fuel Storage Installations

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

(1) All inspection requirements for this IP dated October 6, 2020 were completed.

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 9, 2022, the inspectors presented the security baseline inspection results to Mr. Ho Nieh and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Procedures	00008-C	Plant Lock and Key Control	Version 19.1
71130.02	Procedures	00652-C	Personnel Escort Duties and Responsibilities	Version 12.0
71130.02	Procedures	00653-C	Protected Area Entry/Exit Control	Version 25.0
71130.02	Procedures	90007-C	Security Designee List	Version 12.0
71130.02	Procedures	NMP-AD-005	Insider Mitigation Program/Access Authorization	Version 3.1
71130.02	Procedures	NMP-SE-021	Security Search Process	Version 11.0
71130.02	Procedures	NMP-SE-022	Fleet Access Outage In-Processing	Version 1.0
71130.02	Procedures	NMP-SE-023	Personnel Authorization and Badging Program	Version 5.0
71130.02	Self-Assessments	Audit Report Fleet SEC-2022	Nuclear Oversight Audit of Security	May 2022
71130.04	Corrective Action Documents	10808615	Central Alarm Station Base Radio Defective	6/25/2021
71130.04	Corrective Action Documents	10846542	Loss of all Color and Thermal cameras at two locations.	12/13/2021
71130.04	Corrective Action Documents	10848374	ISFSI IDS Zone locked in alarm	1/4/2022
71130.04	Corrective Action Documents	10854849	MUX IO Panel Trouble Alarm	1/30/2022
71130.04	Corrective Action Documents	10867502	Broken Rifle / Non KPI	3/17/2022
71130.04	Corrective Action Documents	10870858	Unsecure VA Door	4/2/2022
71130.04	Corrective Action Documents Resulting from Inspection	10887512	Equipment testing criteria	6/13/2022
71130.04	Procedures	90013-C	Patrol Duties and Surveillance	Rev. 26.0
71130.04	Procedures	90202-C	Testing Explosive Detector Units	Rev. 20
71130.04	Procedures	90203-C	Metal Detector Testing	Rev. 19
71130.04	Procedures	90204-C	X Ray Equipment Test Procedure	Rev. 16.0
71130.04	Procedures	90205-C	7 Day Testing of the Security Perimeter and Duress Alarm Systems	Rev. 42

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Procedures	90206-C	Protected Area Lighting System	Rev. 15.0
71130.04	Procedures	90207-C	Security Barrier Inspection	Rev. 22
71130.04	Procedures	90207-C	Security Barrier Inspection	
71130.04	Procedures	90318-C	Testing and Maintenance of Security Personnel Equipment	Rev. 21.1
71130.07	Corrective Action Documents	21-10798907		
71130.07	Corrective Action Documents	21-10801620		
71130.07	Corrective Action Documents	21-10802132		
71130.07	Corrective Action Documents	21-10806861		
71130.07	Corrective Action Documents	21-10809408		
71130.07	Corrective Action Documents	21-10817385		
71130.07	Corrective Action Documents	21-10847000		
71130.07	Corrective Action Documents	22-10863510		
71130.07	Corrective Action Documents	22-10870136		
71130.07	Corrective Action Documents	22-10878055		
71130.07	Corrective Action Documents	22-10878314		
71130.07	Corrective Action Documents	22-10878978		
71130.07	Corrective Action Documents	22-10880100		
71130.07	Corrective Action Documents	22-10881094		
71130.07	Corrective Action	10887518	Training Qualification Cover Sheet	6/13/2022

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Documents Resulting from Inspection			
71130.07	Miscellaneous		Daylight Rifle (223) course	February 21, 2020
71130.07	Miscellaneous		Night Fire (5.56) Course	June 15, 2021
71130.07	Procedures		Rifle Thermal Use-Insight C.R.A.T.O.S	June 9, 2022
71130.07	Procedures		Rifle Thermal Use- CNVD-T	January 1, 2017
71130.07	Procedures	00055-C	Sabotage or Malfeasance	Version 10.0
71130.07	Procedures	00655-C	Bombs or Other Overt Threats	Version 15.0
71130.07	Procedures	90321-C	Threat Assessment and Security Force Protection Recommendations	Version 5.1
71130.07	Procedures	ACAD-91-006	Guidelines for On-the-Job Training and Evaluation	Revision 4
71130.07	Procedures	NIS-TR-02	On-The-Job Training and Task Performance Evaluation Process	Revision 0
71130.07	Procedures	NMP-SE-008	Use of Force	Version 4.2
71130.07	Procedures	NMP-SE-020	SNC Security Training Program	Version 4.0
71130.07	Procedures	NMP-SE-020-002	Graded Systematic Approach to Security Training (GSAST)	Version 3.0
71130.07	Procedures	NMP-SE-020-004	Qualifications Requirements for Security Positions	Version 4.0
71130.07	Procedures	NMP-TR-209	Interface Documents for NISP-TR-Procedures	Version 8.0

71130.07	Procedures	S-SE-LM-104-19	Tactical Qualification Course	Revision 0
71130.07	Procedures	S-SE-LM-Task 22	Security Physical Fitness Test	March 17, 2021
71130.07	Procedures	S-SE-LP-11300-08	Legal Requirements for SNC Security Officers	March 7, 2016
71151	Procedures	NMP-AD029	Preparation and Reporting of Regulatory Assessment Performance Indicator Data and the Monthly Operations Report	Version 3.1
81311	Corrective Action Documents Resulting from Inspection	10887507	ISFSI Response	6/13/2022