



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

December 8, 2021

Mr. Daniel Stoddard
Senior Vice President and Chief Nuclear Officer
Virginia Electric and Power Company
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060

SUBJECT: NORTH ANNA POWER STATION – SECURITY BASELINE INSPECTION
REPORT 05000338/2021403 AND 05000339/2021403

Dear Mr. Stoddard:

On November 18, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at North Anna Power Station and discussed the results of this inspection with you 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 of Reactor Safety

Docket Nos. 05000338 and 05000339
License Nos. NPF-4 and NPF-7

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

SUBJECT: NORTH ANNA POWER STATION – SECURITY BASELINE INSPECTION
REPORT 05000338/2021403 AND 05000339/2021403 – DATED
December 8, 2021

DISTRIBUTION:

N. Simonian, NSIR
Daryl. Johnson, NSIR/DSO/SOSB
R. Richardson, NSIR/DSO/SOSB
T. Keene, NSIR
F. Sullivan, NSIR
J. Justice, NSIR
A. Richardson, NSIR
A. Letourneau, NSIR
J. Rubenstone, NMSS
S. Bailey, DRP BC
M. Thomas, SRI
K. Carrington, RI
J. Seat, SPE
A. Wilson, SPE
M. Kowal, EICS
S. Price, RII, ORA/RC
RidsNrrPMNorthAnna Resource
RidsNrrDro Resource
PUBLIC

ADAMS ACCESSION NUMBER: **ML21343A011**

<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	RII/DRS	RII/DRS		
NAME	R. Patterson	J. Tornow	J. Worosilo		
DATE	12/06/2021	12/06/2021	12/08/2021		

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

Docket Numbers: 05000338 and 05000339

License Numbers: NPF-4 and NPF-7

Report Numbers: 05000338/2021403 and 05000339/2021403

Enterprise Identifier: I-2021-403-0003

Licensee: Virginia Electric and Power Company

Facility: North Anna Power Station

Location: Mineral, VA

Inspection Dates: November 15, 2021 to November 18, 2021

Inspectors: J. Tornow, Physical Security Inspector
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 North Anna Power Station, 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

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP dated 1/1/2019

Equipment Performance, Testing, and Maintenance (1 Sample)

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

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(a-e), 02.06(a-b), 02.08(a))
Tier III: (02.10, 02.11(a), 02.13(a-c))

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

On November 18, 2021, the inspectors presented the security baseline inspection results to Daniel Stoddard and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.04	Corrective Action Documents	1176292	IR Zone 4A not functioning as intended	7/6/2021
		1177664	IR Zone box tamper	7/28/2021
		1178753	IR Zone locked in tamper due to weather	8/14/2021
		1179604	X-Ray is not working as intended	8/29/2021
	Corrective Action Documents Resulting from Inspection	1186140	Evaluate CCTV Equipment	11/18/2021
		1186142	Revisit BRE corrosion	11/18/2021
	Miscellaneous		Plant Health Working Group Meeting Minutes	11/2/2021
			Physical Security Plan	Rev. 35
	Procedures	0-OP-26.17	Uninterruptible Power System	Rev. 21
		SY-AA-113	Annual Inspection of Bullet Resisting Enclosures	Rev. 3
		SY-AA-116	Maintenance, Testing, and Calibration	Rev. 6
		SY-AA-120	Operability Testing	Rev. 10
71130.07	Corrective Action Documents	19-1118842		
		20-1142453		
		20-1143438		
		20-1149868		
		20-1149987		
		20-1150882		
		20-1151211		
		21-1171240		
		21-1178712		
		21-1179357		
		21-1184427		
	Miscellaneous	Lesson Plan	React to Tampering, Vandalism, or Malicious Mischief	11/03/2021
		Lesson Plan	Determine Amount of Force Required to Prevent an Unauthorized Act	11/03/2021
		Lesson Plan	On-the-Job Trainer and Task Performance Evaluator	Revision 7
		Test #1	Fleet Annual Security Exam	Revision 2
Test #2		Fleet Annual Security Exam	Revision 2	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
	Procedures	SY-AA-TR-101	Security Training Program	Revision 15
		SY-AA-TR-105	Systematic Approach to Training (SAT) Overview	Revision 7
		SY-AA-TR-201	Security Drills and Exercises	Revision 13
		SY-AA-TR-204	Security Challenge Drills and Evaluation	Revision 0
		SY-AA-TR-205	On-the-Job Training/Task Performance Evaluation (OJT/TPE)	Revision 1
		SY-AA-TR-206	Use of Security Firing Range	Revision 2
		SY-AA-TR-300	Security Training 10 CFR 37 Requirements	Revision 1