



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**

REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

May 25, 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, UNIT 1 & 2 – SECURITY BASELINE
INSPECTION REPORT 05000338/2021402 AND 05000339/2021402

Dear Mr. Stoddard:

On April 29, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at North Anna Power Station, Unit 1 & 2 and discussed the results of this inspection with Mr. F. Mladen 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 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®

D. Stoddard

Mr. Thomas M. Hayden, Manager
Nuclear Protection Services
North Anna Power Station
1022 Haley Drive
Mineral, VA 23117

D. Stoddard

SUBJECT: NORTH ANNA POWER STATION, UNIT 1 & 2 – SECURITY BASELINE
INSPECTION REPORT 05000338/2021402 AND 05000339/2021402 dated May 25,2021

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NAME	R. PATTERSON	J. BROWN	S. BAILEY	J. Worosilo	
DATE	05/ 20/2021	05/ 20 /2021	05/25/2021	05/ 25 /2021	

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

Docket Numbers: 05000338 and 05000339

License Numbers: NPF-4 and NPF-7

Report Numbers: 05000338/2021402 and 05000339/2021402

Enterprise Identifier: I-2021-402-0014

Licensee: Virginia Electric and Power Company

Facility: North Anna Power Station, Unit 1 & 2

Location: Mineral, VA

Inspection Dates: April 26, 2021 to April 30, 2021

Inspectors: J. Brown, Physical Security Inspector
R. Patterson, Physical Security Inspector

Approved By: Jannette 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, Unit 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

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin teleworking. The inspection documented below was completed through a combination of remote and onsite inspection.

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 - e
 - Tier III: 02.09

71130.05 - Protective Strategy Evaluation

The inspectors evaluated the licensee's protective strategy through completion of the following procedure elements:

Protective Strategy Evaluation (1 Sample)

- (1)
 - Tier I: 02.03 a and 02.04 a - e
 - Tier II: 02.07 a - e
 - Tier III: 02.08 and 02.11 a

71130.09 - Security Plan Changes

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

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

- (1) Since the last NRC inspection of this program area, Security Plan Revision(s) 33, 34 and 35 were 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 – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 03.17) (1 Sample)

- (1) Units 1 and 2: January 2020 through April 2021

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

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

- On April 29, 2021, the inspectors presented the security baseline inspection results to Mr. F. Mladen and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	2020-1149506		
		2020-1149578		
	Procedures	EPIP-5.05	Site Evacuation or Company Dismissal	18
		OP-AA-100	Conduct of Operations	41
		SY-AA-106	Security Safeguards Information, Security-Related Information, and Controlled Unclassified Information	18
		SY-AA-109	Security Compliance Reviews and Screening	4
		SY-AA-118	Owner Controlled Area Access Control	0
		SY-AA-119	Protected Area Access Control	0
		SY-AA-SCPIP-020	Safeguards Contingency Plan Implementing Procedure	0
71130.05	Corrective Action Documents Resulting from Inspection	CR 2021 - 1170172		
		CR 2021- 1171240		
	Procedures	SY-AA-TR-201	Security Drill and Exercise	13
71151	Corrective Action Documents	2020-1138922		
		2020-1146509		
		2020-1147438		
		2020-1149478		
		2020-1150488		
		2020-1162945		
		2020-1163824		
		2020-1168436		
		2021-1167629		
	Procedures	SY-AA-126	Regulatory Assessment Performance Indicator Data Reporting	
	Work Orders	21-59203303146	Security Maintenance 2020	