



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

November 27, 2023

Eric Carr
President – Nuclear Operations 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 05000338/2023402 AND 05000339/2023402

Dear Eric Carr:

On November 16, 2023, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at North Anna Power Station and discussed the results of this inspection with Mr. Richard Hanson 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 11/27/23

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 05000338/2023402 AND 05000339/2023402 –
DATED – NOVEMBER 27, 2023

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| NAME | R. Patterson | R. Womack | J. Worosilo | | |
| DATE | 11/22/2023 | 11/22/2023 | 11/27/2023 | | |

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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: 05000338/2023402 and 05000339/2023402

Enterprise Identifier: I-2023-402-0015

Licensee: Virginia Electric and Power Company

Facility: North Anna Power Station

Location: Mineral, Virginia

Inspection Dates: November 13, 2023, to November 16, 2023

Inspectors: R. Patterson, Physical Security Inspector
R. Womack, 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 January 1, 2019:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All requirements
 - Tier II: 02.09 a., b.; 02.11. a.; 02.12. a.
 - Tier III: 02.15 b., 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.; 02.08 a.
 - Tier III: 02.10; 02.11 a.; 02.12 a.; 02.13 a., b.

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 16, 2023, the inspectors presented the security baseline inspection results to Mr. Richard Hanson and other members of the licensee staff.

DOCUMENTS REVIEWED

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|---|---------------------------------------|--|------------------|
| 71130.04 | Corrective Action Documents | 1215531 | | |
| | | 1222612 | | |
| | | 1223328 | | |
| | Corrective Action Documents Resulting from Inspection | 1243863 | | |
| | | 1243875 | | |
| | | 1243876 | | |
| | Miscellaneous | | Monthly AVBS Testing Report | |
| | Procedures | 0-MOP-26.90 | Removing Security Diesel From Service and Returning Security Diesel To Service | Revision 25 |
| | | 0-MOP-26.91 | Removing Security UPS Systems From Service and Returning To Service | Revision 12 |
| | | 0-PT-84.1 | Test of 1-SEC-EG-1, Security Emergency Diesel Generator | Revision 29 |
| | | 0-PT-84.1A | Operability Test - Security UPS System | Revision 15 |
| SY-AA-116 | | Maintenance, Testing, and Calibration | Revision 6 | |
| SY-AA-120 | | Operability Testing | Revision 12 | |
| 71130.07 | Corrective Action Documents | 1198471 | | |
| | | 1200476 | | |
| | | 1202097 | | |
| | | 1207076 | | |
| | | 1207086 | | |
| | | 1230280 | | |
| | | 1230882 | | |
| | | 1234489 | | |
| | Corrective Action Documents Resulting from Inspection | 12236003 | | |
| | | 1243945 | | |
| | Miscellaneous | | Security Fleet Annual Exam, Test 1 | Revision 3 |
| | | | Security Fleet Annual Exam, Test 2 | Revision 3 |
| | | | React to Tampering, Vandalism, or Malicious Mischief Lesson Plan | Revision 0 |

| Inspection Procedure | Type | Designation | Description or Title | Revision or Date |
|----------------------|------------|--------------|---|-------------------|
| | | | Determine Amount of Force Required to Prevent an Unauthorized Act Lesson Plan | Revision 1 |
| | | | Rifle Daylight Qualification Course | November 14, 2022 |
| | | | Rifle Lowlight Qualification Course | November 14, 2022 |
| | | | Rifle Thermal Qualification Course | November 14, 2022 |
| | Procedures | CT-LP-31 | North Anna Power Station Tactical Qualification Course | Revision 8 |
| | | SY-AA-TR-101 | Nuclear Security Training Program | Revision 16 |
| | | SY-AA-TR-201 | Security Drills and Exercises | Revision 15 |
| | | SY-AA-TR-205 | On-the-Job Training/Task Performance Evaluation (OJT/TPE) | Revision 4 |