



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

April 11, 2018

Mr. Daniel Stoddard
Senior Vice President and Chief Nuclear Officer
North Anna Power Station, Units 1 & 2
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060

**SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2 – U.S. NUCLEAR
REGULATORY COMMISSION SECURITY INSPECTION REPORT
05000338/2018410, 05000339/2018410, 07200016/2018401, AND
07200056/2018401**

Dear Mr. Stoddard:

On March 1, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your North Anna Power Station, Units 1 and 2. Portions of the inspection associated with Access Authorization, Protection of Safeguards Information, and Fitness for Duty were completed at the Dominion Corporate Office on February 1, 2018. On March 1, 2018, the NRC inspectors discussed the results of this inspection with Mr. B. Standley and other members of your staff. The results of this inspection are documented in the enclosed report.

No NRC-Identified or self-revealing findings were identified during the inspections.

This letter will be made available for public inspection and copying at <https://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room,

in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

Binoy Desai, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 50-338, 50-339, 72-016
and 72-056
License Nos. NPF-4 and NPF-7

Enclosure:
NRC IR 05000338/2018410,
05000339/2018410, 07200016/2018401, and
07200056/2018401 w/Attachment:
Supplemental Information

cc: (See page 3)

cc:

Mr. Jerry Bischof
Site Vice President
North Anna Power Station
1022 Haley Drive
Mineral, VA 23117

Mr. Danny Hicks, Manager
Nuclear Protection Services
North Anna Power Station
1022 Haley Drive
Mineral, VA 23117

SUBJECT: NORTH ANNA POWER STATION, UNITS 1 AND 2 – U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL SECURITY INSPECTION REPORT 05000338/2018410, 05000339/2018410 07200016/2018401, AND 07200056/2018401 dated April 11, 2018

DISTRIBUTION:

N. Simonian, NSIR
 C. Johnson, NSIR
 D. Huyck, NSIR
 J. Rubenstone, NMSS
 S. Rose, RII, DRP
 J. Dodson, RII, SPE
 M. Riches, RII, PE
 G. Croon, RII, SRI
 G. Eatmon, RII, RI
 S. Price, ORA/RC
 K. Sloan, RII, EICS
 RIDSNRRDIRS
 PUBLIC

- See previous page for concurrence

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
 ADAMS: Yes ACCESSION NUMBER: **ML 18101A139** SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII/ DRS/PSB	RII/DRS/PSB	RII/DRS/PSB	RII/DRP	RII/DRS/PSB	
SIGNATURE	RLP5	JCS3	BBD	JSD for SDR2	BBD	
NAME	R. PATTERSON	J. SHEHEE	B. DESAI	S. ROSE	B. DESAI	
DATE	4/ 4 /2018	4/ 4 /2018	4/ 4 /2018	4/ 4 /2018	4/ 4 /2018	
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	

OFFICIAL RECORD COPY *****DOCUMENT NAME: G:\DRS\I\PSB\I\REACTORS\NORTH ANNA\Reports\2018\ North Anna Insp Report 2018410 & ISFSI. docx

U.S. NUCLEAR REGULATORY COMMISSION

REGION II

Docket Nos: 05000338, 05000339, 07200016, 07200056

License Nos: NPF-4 and NPF-7

Report Nos: 05000338/2018410, 05000339/2018410, 07200016/2018401,
and 07200056/2018401

Licensee: Virginia Electric and Power Company

Facility: North Anna Power Station, Units 1 and 2

Location: Mineral, VA

Dates: February 26– March 1, 2018

Inspectors: James Shehee, Sr. Physical Security Inspector
Randy Patterson, Physical Security Inspector

Approved by: Binoy Desai, 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 Baseline Security Inspection at North Anna Power Station, Units 1 and 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. NRC and self-revealed findings, violations, and additional items are summarized in the table below.

List of Findings and Violations

No findings were identified.

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. 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.

REPORT DETAILS

SAFEGUARDS

71130.01 - Access Authorization (1 Sample)

The inspectors evaluated the access authorization program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: All requirements
Tier II: 02.06 (c), 02.07(a), 02.08(b,c)
Tier III: 02.09, 02.10(a-c)

71130.02 - Access Control (1 Sample)

The inspectors evaluated the access control program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: All requirements
Tier II: 02.05 (a-d), 02.07(a,e,h)
Tier III: 02.09(a)

71130.06 – Protection of Safeguards Information (1 Sample)

The inspectors evaluated the safeguards information protection program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: All requirements
Tier II: 02.05(a,b)
Tier III: 02.09

71130.08 – Fitness for Duty (1 Sample)

The inspectors evaluated the fitness for duty program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: All requirements
Tier II: 02.05(c), 02.06(c,d), 02.07(g), 02.08(a-e)
Tier III: 02.11, 02.12(a), 02.13(a), 02.14(b,d,e), 02.15(a,b,c)

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals listed below for the period from January 2017, through January 2018.

(1) Protected Area Security Equipment Performance Index

81311 – Physical Security Requirements for Independent Spent Fuel Storage Installations (1 Sample)

The inspectors evaluated the physical security requirements for independent spent fuel storage installations program. All inspection requirements from this IP dated January 1, 2018, were completed.

EXIT MEETINGS AND DEBRIEFS

On March 1, 2018, the inspectors presented the Baseline Security Inspection results to Mr. B. Standley and other members of the licensee staff.

LIST OF DOCUMENTS REVIEWED

Procedures

Audit 15-01- Security and Fitness for Duty, dated 3/13/15
Audit 16-01- Security, Fitness for Duty and Unescorted Access Authorization, dated 3/10/16
Audit 17-10- Security, dated March 20, 2017
Audit 17-0064, Audited Contract Vendor, dated 7/13/17
FFDC-LP- Fitness for Duty Collection- Revision 6
General Order 103-Regulatory Assessment Performance Indicator Data Reporting-Revision 3
GO-NA-11- Spent Fuel Transportation - Revision 9
GO-NA-34- Access Control Operations/Expectations - Revision 4
GO-NA-100- Owner Controlled Area (OCA) Checkpoint Operations - Revision 11
GO-NA-101- OCA Surveillance - Revision 16
GO-NA-122- Law Enforcement Response Plan - Revision 8
GO-NA-121- Personal, Vehicle, Material Access Control - Revision 13
LI-AA-700- Fatigue Management and Work Hour Limits for Covered Workers-Revision 13
NAPS-SCPS-1- North Anna Contingency Plan/Protective Strategy - Revision 19
North Anna Physical Security/Contingency Plan – Revision 29
SPIP-006- Authorized Personnel Access Control - Revision 9
SPIP-011- Lock, Key, Core and Key Card Control - Revision 10
SPIP-014- Photo Identification, Badging, and Keycard System – Revision 13
SPIP-016- Personnel Searches - Revision 11
SPIP-026- Response to ISFSI – Revision 0
SY-AA- PLN-090- Vehicle Access Control – Revision 5
SY-AA-102- Personally Identifiable Information Breach and Response Plan – Revision 1
SY-AA-106- Control of SGI and Other Security-Related Information- Revision 15
SY-AA-115- Personnel Processing and Access to Station Facilities - Revision 0
SY-AA-201- Nuclear In-Processing X-Press- Revision 3
SY-AA-FFD- 101- Fitness For Duty- Revision 10
SY-AA-FFD- 102- Fitness for Duty Program Administration- Revision 8
SY-AA-FFD- 103- Drug and Alcohol Collection- Revision 8
SY-AA-FFD- 104- Drug and Alcohol Testing Program Administration- Revision 4
SY-AA-FFD- 105- Fitness for Duty Onsite Testing- Revision 2
SY-AA-FFD- 106- Fitness for Duty Testing Blind Proficiency Sample Processing- Revision 1
SY-AA-FFD- 107- Fitness for Duty Program Review- Revision 13
SY-AA-PAD-101- Personnel Access System- Revision 1
SY-AA-UAA-101- Unescorted Access Authorization Program- Revision 3
SY-AA-UAA- 102- PII Breach Incident Response Plan- Revision 1
UAA-2017-19- Audited Contract Vendor, dated 9/19/17
UAA-2017-6- Quest Diagnostic Audit, dated 10/11/17

Condition Reports

15-569150

15-572015

15-573593

16-1056261

17-1075798

17-1085395

15-569495

15-572017

15-578179

17-1067296

17-1076072

15-569617

15-573107

15-1009806

17-1074892

17-1078305