



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

May 3, 2018

Mr. Daniel Stoddard
Senior Vice President and Chief Nuclear Officer
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060-6711

**SUBJECT: SURRY POWER STATION, UNITS 1 AND 2 – U.S. NUCLEAR
REGULATORY COMMISSION SECURITY INSPECTION REPORT
05000280/2018410, 05000281/2018410, 07200002/2018401, AND
07200055/2018401**

Dear Mr. Stoddard:

On March 29, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Surry 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 29, 2018, the NRC inspectors 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 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. 50-280, 50-281, 72- 002
and 72-055
License Nos. DPR-32 and DPR-37

Enclosure:
NRC IR 05000280/2018410,
05000281/2018410, 07200002/2018401, and
07200055/2018401 w/Attachment:
Supplemental Information

cc: (See page 3)

cc:

Roger Lee Jones

Surry Power Station

5570 Hog Island Road

Surry, VA 23883-0315

SUBJECT: SURRY POWER STATION, UNITS 1 AND 2 – U.S. NUCLEAR
REGULATORY COMMISSION PHYSICAL SECURITY INSPECTION REPORT
05000280/2018410, 05000281/2018410 07200002/2018401, AND
07200055/2018401 dated May 3, 2018

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SIGNATURE	RLP5	JHW2	BBD	SDR2	BBD	
NAME	R. PATTERSON	J. WALLO	B. DESAI	S. ROSE	B. DESAI	
DATE	5/ 2 /2018	5/ 2 /2018	5/ 2 /2018	5/ 3 /2018	5/ 3 /2018	
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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Nos: 05000280, 05000281, 07200002, 07200055

License Nos: DPR-32 and DPR-37

Report Nos: 05000280/2018410, 05000281/2018410, 07200002/2018401 and
07200055/2018401

Enterprise Identifier: I-2018-410-0010

Licensee: Virginia Electric and Power Company

Facility: Surry Power Station, Units 1 and 2

Location: Surry, VA

Dates: March 26-29, 2018

Inspectors: Jon Wallo, 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.

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: 7 Requirements 02.05 (a), (c) 02.07 (a), (b), (c), (d), (e)
Tier III: 1 Requirement 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 March 2017 through March 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 29, 2018, the inspectors presented the Baseline Security Inspection results to Mr. F. Mladen 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
Audit 18-01- Fitness for Duty/Unescorted Access Authorization/Cyber Security
FFDC-LP- Fitness for Duty Collection- Revision 6
General Order 103-Regulatory Assessment Performance Indicator Data Reporting-Revision 3
GO-SU-107, Personnel Searches, Revision 14
GO-SU-153, Visitor Processing, Revision 6
GO-SU-148, Material Search, Revision 9
LI-AA-500- NRC/INPO/WANO Performance Indicator Data Reporting- Revision 2
LI-AA-700- Fatigue Management and Work Hour Limits for Covered Workers-Revision 13
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-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- 568881	15-571418	15-576127	15-576129
15-1019009	17-1057664	17-1058130	17-1060000
17-1075650	17-1077683	17-1080436	17-1085302
17-1078624	17-1088699		