



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

April 16, 2021

Mr. Daniel Stoddard
Senior Vice President and
Chief Nuclear Officer
Dominion Energy
Innsbrook Technical Center
5000 Dominion Blvd., Floor: IN-2SW
Glen Allen, VA 23060-6711

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION – SECURITY BASELINE
INSPECTION REPORT 05000395/2021401

Dear Mr. Stoddard:

On March 5, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Virgil C. Summer Nuclear 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/

Otis Smith, Jr, Sr., Acting Chief
Plant Support Branch
Division of Reactor Safety

Docket No. 05000395
License No. NPF-12

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV®

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION – SECURITY BASELINE
INSPECTION REPORT 05000395/2021401 dated April 16, 2021

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| OFFICE | RII/DRS | RII/DRS | RII/DRS | RII/DRS | |
| NAME | J. Justice | J. Wallo | J. Tornow | O. Smith | |
| DATE | 04/14/2021 | 04/15/2021 | 04/15/2021 | 04/16/2021 | |

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U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Number: 05000395

License Number: NPF-12

Report Number: 05000395/2021401

Enterprise Identifier: I-2021-401-0026

Licensee: Dominion Energy South Carolina (DESC)

Facility: Virgil C. Summer Nuclear Station

Location: Jenkinsville, SC

Inspection Dates:
February 28 - March 4, 2021 (Onsite)

Inspectors: J. Justice, Senior Physical Security Inspector
J. Tornow, Physical Security Inspector

Approved By: Otis Smith, JR, Sr. Physical Security Inspector
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 Virgil C. Summer Nuclear 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

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>.

SAFEGUARDS

71130.02 - Access Control (1 Sample)

The inspectors evaluated the access control program through completion of the following inspection elements:

- (1) Tier I: All Requirements
Tier II: No Requirements
Tier III: 1 Requirement (02.10 (a))

71130.05 - Protective Strategy Evaluation (2 Samples)

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

- (1) Tier I: All Requirements
Tier II: No Requirements
Tier III: No Requirements

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 18 to 19 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 continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for a 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) February 2020 through February 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 March 4, 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 |
|----------------------|------------|--------------|--|------------------|
| 71130.02 | Procedures | SCP-113 | TWO PERSON RULE | Revision 1 |
| 71130.02 | Procedures | SCP-114 | SECURITY FORCE RESPONSIBILITIES DURING EMERGENCIES | Revision 17 |
| 71130.02 | Procedures | SPP-201 | PERSONNEL ACCESS | Revision 9 |
| 71130.02 | Procedures | SPP-202 | PROTECTED AREA VEHICLE ACCESS REQUIREMENTS | Revision 13 |
| 71130.02 | Procedures | SPP-203 | PERSONNEL, VEHICLE AND MATERIALS SEARCH REQUIREMENTS | Revision 12 |
| 71130.02 | Procedures | SPP-210 | SECURITY LOCK AND KEY CONTROL | Revision 10 |
| 71130.02 | Procedures | SPP-213 | SECURITY IDENTIFICATION BADGE FABRICATION AND CONTROL | Revision 23 |
| 71130.02 | Procedures | SPP-214 | SECURITY IDENTIFICATION BADGE ISSUANCE | Revision 15 |
| 71130.02 | Procedures | SPP-236 | OPERATION OF THE VEHICLE BARRIER SYSTEM CHECKPOINT | Revision 2 |
| 71130.02 | Procedures | SPP-236 | OWNER CONTROLLED AREA PERSONNEL ACCESS | Revision 2 |
| 71130.05 | Procedures | SPP-301 | SECURITY TRAINING AND QUALIFICATION PROGRAM: QUALIFICATION | Revision 9 |
| 71130.05 | Procedures | SPP-302 | SECURITY DRILL AND EXERCISE PROGRAM | Revision 2 |
| 71130.05 | Procedures | SY-AA-TR-203 | Composite Adversary Team | Revision 3 |
| 71130.09 | Procedures | SY-AA-TR-126 | Regulatory Assessment Performance Indicator Data Reporting | Revision 1 |