



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

**DISTRIBUTION:**

- N. Simonian, NSIR
- Daryl Johnson, NSIR/DSO/SOSB
- Dante Johnson, NSIR/DSO/SPEB
- R. Richardson, NSIR/DSO/SOSB
- T. Keene, NSIR
- F. Sullivan, NSIR
- A. Letourneau, NSIR
- J. Rubenstone, NMSS
- D. Dumbacher, DRP
- C. Read, SRI
- E. Hilton, RI
- J. Hamman, SPE
- A. Wilson, PE
- M. Kowal, EICS
- S. Price, RII, ORA/RC
- L. Gibson, RII, EICS
- RidsNrrPMSummer Resource
- RidsNrrDro Resource
- PUBLIC

ADAMS ACCESSION NUMBER: **ML21106A143**

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
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	

OFFICIAL RECORD COPY

**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