



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

June 20, 2018

Mr. George A. Lippard III,
Vice President, Nuclear Operations
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
Bradham Blvd & Hwy 215
P.O. Box 88, Mail Code 800
Jenkinsville, SC 29065

SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION – U.S. NUCLEAR REGULATORY
COMMISSION PHYSICAL SECURITY INSPECTION REPORT 05000395/2018410

Dear Mr. Lippard:

On May 24, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Virgil C. Summer Nuclear Station, Unit 1, and discussed the results of this inspection with Mr. R. Haselden, 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 inspection.

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: 50-395
License Nos: NPF-12

Enclosure:
NRC IR 05000395/2018410

w/Attachment: Supplemental Information
cc: (See page 3)

cc:

Mr. Michael S. Moore
Manager, Nuclear Licensing
South Carolina Electric & Gas Company
Virgil C. Summer Nuclear Station
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Mr. Gregg Douglass
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SUBJECT: VIRGIL C. SUMMER NUCLEAR STATION – U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL SECURITY INSPECTION REPORT
05000395/2018410 dated June 20, 2018

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ADAMS: Yes ACCESSION NUMBER: ML 18171A311 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

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NAME	J. Tornow	J. Wallo	R. Patterson	B. Desai	R. Musser	B. Desai
DATE	6/ 20 /2018	6/ 20 /2018	6/ 20 /2018	6/ 20 /2018	6/ 20 /2018	6/ 20 /2018
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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket No: 05000395

License No: NPF-12

Report No: 05000395/2018410

Enterprise Identifier: I-2018-410-0013

Licensee: South Carolina Electric & Gas (SCE&G) Company

Facility: Virgil C. Summer Nuclear Station, Unit 1

Location: Jenkinsville, SC

Dates: May 7-24, 2018

Inspectors: Jon Wallo, Senior Physical Security Inspector
John Tornow, 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 Virgil C. Summer Nuclear Station, Unit 1, 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 SCOPE

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

71130.02 – Access Control (1 Sample)

The inspectors evaluated the security 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 - e)
 Tier III: 1 requirement 02.09 (a)

71130.05 – Protective Strategy Evaluation and Performance Evaluation Program (2 Samples)

The inspectors evaluated the security protective strategy evaluation and performance evaluation program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: all requirements
 Tier II: 19 requirements 02.05 (a), 02.06 (a – m); 02.07 (a – e)
 Tier III: all requirements

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (1 Sample)

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

- (1) Protected Area Security Equipment Performance Index

EXIT MEETINGS AND DEBRIEFS

On May 24, 2018, the inspectors presented the Baseline Security Inspection results to Mr. R. Haselden and other members of the licensee staff.

LIST OF DOCUMENTS REVIEWED

PROCEDURES

LP-2105- Drill/exercise Controller Training, Revision 8
SCP-113- Two Person Rule, Revision 1
SPP-015- Deadly Force, Revision 0
SPP-114- Security Force Responsibilities during Emergencies, Revision 17
SPP-200- Security Patrols, Revision 11
SPP-208- Potential Sabotage, Tampering, and Vandalism, Revision 1
SPP-236- Operations of the Vehicle Barrier System Checkpoint, Revision 1
SPP-302- Security Drill and Exercise Program, Revision 1
SPP-304- Composite Adversary Team, Revision 0
SPP-210-Security Lock and Key Control, Revision 10
SPP-214-Identification Badge Issuance, Revision 15
SPP-202-PA Vehicle Access, Revision 13
SPP-203B- Warehouse Material Search, Revision 0
SPP-209-Personnel Access, Revision 9
VCS Target Set Documentation
LLEA Contingency Response Support Documents
Various Safety-Security Interface Documents

CONDITION REPORTS

17-03280	18-01105	18-01872
17-03729	18-01652	18-01873
17-03846	18-01870	18-01875
17-04008	18-01871	18-00591
17-04369		