



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

March 18, 2019

Mr. Rodney K. Robinson
Director, Nuclear Plant Security
Duke Energy Carolinas, LLC.
7800 Rochester Highway
Seneca, SC 29672

SUBJECT: OCONEE NUCLEAR STATION – U.S. NUCLEAR REGULATORY COMMISSION
PHYSICAL SECURITY INSPECTION REPORT 05000269/2019411,
05000270/2019411, AND 05000287/2019411

Dear Mr. Robinson:

On February 28, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Oconee Nuclear Station, Units 1, 2, and 3, and discussed the results of this inspection with Mr. E. Burchfield, 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: 50-269, 50-270 and 50-287
License Nos: DPR-38, DPR-47 and DPR-55

Enclosure:
NRC IR 05000269/2019411, 270/2019411
and 287/2019411

cc: (See page 3)

K. Robinson

2

cc:

Mark McNeely

Duke Energy Carolinas, LLC.

526 S. Church Street

Charlotte, NC 28202-1802

SUBJECT: OCONEE NUCLEAR STATION – U.S. NUCLEAR REGULATORY COMMISSION PHYSICAL SECURITY INSPECTION REPORT 05000269/2019411, 05000270/2019411, AND 05000287/2019411 dated March 18, 2019

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*See previous page for concurrence

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE

ADAMS: Yes ACCESSION NUMBER: **ML 19078A387** SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII:DRS/PSB	RII:DRS/PSB	RII:DRS/PSB	RII:DRP/BR1	RII:DRS/PSB	
SIGNATURE	JXJ5	ICH	BBD	FJE	BBD	
NAME	J. Justice	I. Hall	B. Desai	F. Ehrhardt	B. Desai	
DATE	3/ 14 /2019	3/ 14 /2019	3/ 15 /2019	3/ 15 /2019	3/ 18 /2018	
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U.S. NUCLEAR REGULATORY COMMISSION

Inspection Report

Docket Nos: 05000269, 05000270, and 05000287

License Nos: DPR-38, DPR-47, and DPR-55

Report Nos: 05000269/2019411, 05000270/2019411, and 05000287/2019411

Enterprise Identifier: I-2019-411-0000

Licensee: Duke Energy Carolinas, LLC

Facility: Oconee Nuclear Station, Units 1, 2, and 3

Location: Seneca, SC

Dates: February 25 - 28, 2019

Inspectors: Ivan Hall, Physical Security Inspector
Jared Justice, 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 Oconee Nuclear Station, Units 1, 2, and 3, 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

71130.01 - Access Authorization (1 Sample)

The inspectors evaluated the access authorization program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All requirements
 Tier II: All requirements
 Tier III: All requirements

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, 2019.

Tier I: All requirements
 Tier II: 8 Requirements 02.06 (a), (c), (d), 02.07 (a), 02.08 (a), (g), (h), (i)
 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, 2019.

Tier I: All requirements
 Tier II: All requirements
 Tier III: All requirements

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, 2019.

Tier I: All requirements
 Tier II: All requirements
 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 January 1, 2018, through January 31, 2019.

- (1) Protected Area Security Equipment Performance Index

EXIT MEETINGS AND DEBRIEFS

On February 28, 2019, the inspectors presented the Baseline Security Inspection results to Mr. E. Burchfield and other members of the licensee staff.

LIST OF DOCUMENTS REVIEWED**PROCEDURES**

AD-PI-ALL-0700, Consolidated Data Entry – INFO – WANO Performance Indicators, Rev. 1
 AD-SY-ALL-0110, Protection of Information Related to Nuclear Security, Rev. 4
 AD-SY-ALL-0301, Nuclear Worker Unescorted Access Authorization Program, Rev. 4
 AD-SY-ALL-0310, Access Authorization Processing, Rev. 3
 AD-SY-ALL-0320, Personnel Access Data System, Rev. 2
 AD-SY-ALL-0340, Access Authorization Training and Qualification Program, Rev. 1
 AD-SY-ALL-0370, Access Processing of Foreign Nationals, Rev. 0
 AD-SY-ALL-0401, Fitness for Duty Program, Rev. 2
 AD-SY-ALL-0405, Fitness for Duty Violations, Rev. 0
 AD-SY-ALL-0410, Fitness for Duty Drug and Alcohol Collections, Rev. 2
 AD-SY-ALL-0415, Fitness for Duty Blind Performance Testing Procedure, Rev. 2
 AD-SY-ALL-0420, Fitness for Duty Unscheduled Callout, Rev. 1
 AD-SY-ALL-0440, Fitness for Duty Training and Qualification Program, Rev. 1
 AD-SY-ALL-0451, Behavior Observation Program, Rev. 3
 AD-SY-ALL-0460, Managing Fatigue and Work Hour Limits, Rev. 2
 PY-SY-ALL-0004, Duke Energy Nuclear Generation Fitness for Duty Policy, Rev. 1
 SD-8.0, Search and Protected Area Ingress Process, Rev. 24
 SP/O/1305/O, VBS Access Control and Search Equipment, Rev. 23
 SP/E/1201/O, Security Locks & Keys, Rev. 14
 Various Behavior Observation Program Training Documents
 Various Nuclear Oversight and Self-Screener Audits

CONDITION REPORTS

02175920	02196102	02202947	02230310
02224401	02241415	02243638	02248706
02112971	02111059	02241177	02253744
02255084	02256571	02256573	02254966
02254968	02255238	02241177	02230310