



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

April 23, 2018

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 05000269/2018411,  
05000270/2018411, AND 05000287/2018411

Dear Mr. Robinson:

On April 12, 2018, 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 05000269/2018411, 270/2018411  
and 287/2018411  
w/Attachment: Supplemental Information

cc: (See page 3)

K. Robinson

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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  
05000269/2018411, 05000270/2018411, AND 05000287/2018411 dated April 23, 2018

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS:  Yes      ACCESSION NUMBER: ML 18113A288       SUNSI REVIEW COMPLETE       FORM 665 ATTACHED

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DATE	4/ 17 /2018	4/ 19 /2018	4/ 17 /2018	4/ 18 /2018	4/ 18 /2018	4/ 19 /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: 05000269/2018411, 05000270/2018411, and 05000287/2108411

Enterprise Identifier: I-2018-411-0008

Licensee: Duke Energy

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

Location: Seneca, SC

Dates: April 9 - 12, 2018

Inspectors: James Shehee, Senior Physical Security Inspector  
Jon Wallo, Senior 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 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**

### 71130.02 – 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), (b), (c), (d), (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 April 2017, through April 2018.

(1) Protected Area Security Equipment Performance Index

## **EXIT MEETINGS AND DEBRIEFS**

On April 12, 2018, 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-SY-ALL-0120, Safety/Security Interface Processes, Revision 0  
AD-SY-ALL-0240, Security Key and Lock Controls, Revision 0  
AD-SY-ALL-0210, Site Access Controls, Revision 1  
LP-SY-ALL-0559, Controller/Evaluator Training, Revision 8  
LP-SY-ADV-0505, Introduction to Adversary Operations, Revision 0  
LP-SY-ADV-0502, Conducting the Adversary Vulnerability Assessment, Revision 1  
LP-SY-ADV-0503, Assessing and Reducing Delay Barriers, Revision 0  
LP-SY-ADV-0504, Close Quarters Battle, Revision 0  
LP-SY-ADV-0506, Adversary Fire and Maneuver Techniques, Revision 1  
PY-SY-ALL-0005, Fleet Nuclear Security Use of Force Policy, Revision 0  
Oconee Nuclear Site Security Target Sets, Revision 13  
OSC-8056, Architectural Plot Plan, Security Barrier Layouts, Attachment 1, Revision B  
SP/C/1600, Security Event Response, Revision 8  
SP/C/1602, Law Enforcement Response Plan, Revision 10  
SP/C/1627, Alarm Response, Revision 10  
SP/E/1210, Security Response Equipment and Delay Barriers, Revision 14  
SP/E/1213, Protected Pathways, Revision 4  
SP/O/1307, Security Response Strategy, Revision 34  
SP/O/1301, Security Visitor Badging Officer, Revision 16  
SP/E/1201, Security Locks and Keys, Revision 14  
SP/O/1305, VBS Access Control and Search Requirements, Revision 22  
SP/C/1507/O, Security Barrier System Degrade, Revision 11  
Various Drill Records and Documentation

### **CONDITION REPORTS**

02093517  
02095258  
02164435  
02197630