



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

April 27, 2022

Mr. Steven M. Snider
Site Vice President, Oconee Nuclear Station
Duke Energy Carolinas, LLC
7800 Rochester Highway
Seneca, SC 29672-0752

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2, & 3 – SECURITY BASELINE
INSPECTION REPORT 05000269/2022404 AND 05000270/2022404 AND
05000287/2022404

Dear Mr. Snider:

On April 14, 2022, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Oconee Nuclear Station, Units 1, 2, & 3, 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,

A handwritten signature in cursive script that reads "Jannette Worosilo".

Signed by Worosilo, Jannette
on 04/27/22

Jannette G. Worosilo, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 05000269 and 05000270 and 05000287
License Nos. DPR-38 and DPR-47 and DPR-55

Enclosure:
As stated

cc w/ encl: Distribution via LISTSERV

CC.
Rodney (Keith) Robinson
Duke Energy Carolinas, LLC
7800 Rochester Hwy
Seneca, SC 29672

Scott West
Duke Energy Carolinas, LLC
526 South Church Street
Charlotte, NC 28202-1802

Mark McNeely
Duke Energy Carolinas, LLC
526 South Church Street
Charlotte, NC 28202-1802

SUBJECT: OCONEE NUCLEAR STATION, UNITS 1, 2, & 3 – SECURITY BASELINE
INSPECTION REPORT 05000269/2022404 AND 05000270/2022404 AND
05000287/2022404 DATED APRIL 27, 2022

DISTRIBUTION:

D. Johnson, NSIR/DSO/SOSB
J. Clark, NSIR/DSO/SPEB
R. Richardson, NSIR/DSO/SOSB
T. Keene, NSIR
F. Sullivan, NSIR
J. Justice, NSIR
A. Letourneau, NSIR
J. Rubenstone, NMSS
E. Stamm, DRP
J. Nadel, SRI
D. Jackson, SPE
A. Ruh, RI
N. Smalley, RI
M. Kowal, EICS
S. Price, RII, ORA/RC
J. Weaver, RII, EICS
N. Doiley, RII
RIDSNNRRDIRS
RIDSNNRRPMO Oconee Resource
PUBLIC

ADAMS ACCESSION NUMBER: ML22115A226

<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/PSB	RII/DRS/PSB	RII/DRS/PSB	RII/DRS/PSB	
NAME	R. Patterson	A. Richardson	J. Tornow	J. Worosilo	
DATE	04/27/2022	04/25/2022	04/27/2022	04/27/2022	

OFFICIAL RECORD COPY

U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report

Docket Numbers: 05000269, 05000270 and 05000287

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

Report Numbers: 05000269/2022404, 05000270/2022404 and 05000287/2022404

Enterprise Identifier: I-2022-404-0005

Licensee: Duke Energy Carolinas, LLC

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

Location: Seneca, S.C.

Inspection Dates: April 11–April 14, 2022

Inspectors: R. Patterson, Physical Security Inspector
A. Richardson, Physical Security Inspector
J. Tornow, Physical Security Inspector

Approved By: Jannette G. Worosilo, 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 security baseline inspection at Oconee Nuclear Station, Units 1, 2, & 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.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

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. Currently approved IPs with their attached revision histories are located on the public website at <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>. 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

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

Access Control (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.06 a-b, 02.08 a-f)
 - Tier III: (02.09)

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP dated [date].

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.11(a), 02.11(b), 02.12(a), 02.13(a))
 - Tier III: (02.14, 02.15)

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: (02.05 b, c, 02.06 a, b, 02.07 a, 02.09 b)
 - Tier III: (02.10, 02.11 a, 02.12 a, 02.13 a, b)

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements:

Security Plan Changes (1 Sample)

(1) Review Security Plan Changes (IP Section 02.01) (1 Sample)

The opportunity to apply this procedure was not available in accordance with Inspection Manual Chapter 0306. This sample was not available because the licensee did not conduct the activity covered by this IP. Specifically, the licensee has not initiated a physical security plan change in accordance with 10 CFR 50.54(p)(2) since the last performance of this IP.

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 02.17) (1 Sample)

(1) January 1, 2021–February 31, 2022

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On April 14, 2022, the inspectors presented the security baseline inspection results to Steven M. Snider and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	02386259	KHS Access Control Measures	06/15/2021
	Procedures	AD-SY-ALL-0215	Security Search And Entry Processing	Revision 7
		AD-SY-ALL-0215	Security Search and Entry Process	Revision 7
		AD-SY-ALL-0240	Security Key and Lock Controls	Revision 2
		AD-SY-ONS-0201	Security Operations	Revision R002
		CSD-SY-ONS-0215-01	ONS Search and Entry Processing	Revision 002
		PO-SY-ONS-0423	Keowee Hydro Station Security	Revision R000 and R001
71130.04	Corrective Action Documents	02322990	Multiple Perimeter Cameras Out of Service	3/30/2020
		02323291	CCTV Cameras not showing in the CAS	4/1/2020
		02419609	Camera Inoperational	3/11/2022
	Procedures	AD-SY-ALL-0610	Nuclear Security Equipment Maintenance Program	Revision 0
		AD-SY-ALL-0620	Testing and Inspection of Perimeter Intrusion Detection Systems (PIDS)	Revision 0
		AD-SY-ALL-0630	Testing and Maintenance of Security Communications Equipment	Revision 2
		AD-SY-ALL-0640	Testing and Inspection of Security Search Equipment	Revision 1
		AD-SY-ONS-0600	Security Operational Testing and Inspection	Revision 3
		AD-SY-ONS-0600	Security Operational Testing And Inspection	Revision 3
71130.07	Corrective Action Documents	20-02349288		
		21-02386438		
	Miscellaneous		ONS 2021 Annual Security Exam	Version 1
			ONS 2021 Annual Security Exam	Version 2
	Procedures	AD-SY-ALL-0510	Security Program Systematic Approach to Training	Revision 5
		AD-SY-ALL-0520	Security Training	Revision 6
		AD-SY-ALL-0524	Security On-The-Job Training (OJT) and Task Performance Evaluation (TPE)	Revision 1

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
		LP-SY-ALL-0516	Use of Force	Revision 5
		LP-SY-ONS-0508	Security Patrols	Revision 2
		TG-SY-ALL-0500	Conduct of Fleet Courses of Fire and Physical Fitness Test	Revision 10
		TG-SY-ONS-0530	On-The-Job Training, Task Performance Evaluation (TPE) Guide	Revision 0
	Self-Assessments	2021-ONS-SEC-01	Nuclear Oversight- Audit Oconee Physical Security	02/04/2021
		2022-ONS-SEC-PR-01	Nuclear Oversight Performance Review Oconee Physical Security	02/03/2022
		AR-02402092	NRC Baseline readiness Assessment	02/25/2022
71130.09	Procedures	AD-SY-ALL-0101	Security Plan Revision Process	Revision 3