



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

November 26, 2019

Mr. Ernest J. Wylie
Catawba Nuclear Station
Mail Code: CN01SC
4800 Concord Road
York, SC 29745

**SUBJECT: CATAWBA NUCLEAR STATION – U.S. NUCLEAR REGULATORY COMMISSION
SECURITY INSPECTION REPORT 05000413/2019411 AND 05000414/2019411**

Dear Mr. Wylie:

On November 7, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Catawba Nuclear Station, Units 1 and 2, and discussed the results of this inspection with Mr. T. Simril, and other members of the Catawba Nuclear Station 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. 50-413 and 50-414
License Nos. NPF-35 and NPF-52

Enclosure:
NRC IR 05000413/2019411, 414/2019411
w/Attachment

cc: (See page 2)

cc:

Terry W. King
Duke Energy Carolinas, LLC
526 S. Church Street
Charlotte, NC 28202-1802

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COMMISSION SECURITY INSPECTION REPORT 05000413/2019411 AND
05000414/2019411

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☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE

ADAMS: ☐ Yes ACCESSION NUMBER: **ML19330E971** ☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII/DRS	RII/DRS	RII/DRS	RII/DRS	RII/DRP	RII/DRS
NAME	JBrown	RPatterson	OSmith	JShehee	FEhrhardt	BDesai
DATE	11/26/2019	11/26/2019	11/26/2019	11/26/2019	11/26/2019	11/26/2019

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U.S. NUCLEAR REGULATORY COMMISSION

Inspection Report

Docket Nos: 05000413 and 05000414

License Nos: NPF-35 and NPF-52

Report Nos: 05000413/2019411 and 05000414/2019411

Enterprise Identifier: I-2019-411-0015

Licensee: Duke Energy Carolinas, LLC.

Facility: Catawba Nuclear Station, Units 1 and 2

Location: York, SC

Dates: November 4 - 8, 2018

Inspectors: James Shehee, Senior Physical Security Inspector
Otis Smith, Senior Physical Security Inspector
Jonathan Brown, 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 Catawba 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. 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 access control program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All Requirements

Tier II: 02.06, a., b., d.; 02.8, a., c., d., f., g.

Tier III: 02.10, a.

71130.04 - Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security testing and maintenance program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All requirements

Tier II: 02.09 (b), 02.11 (b, d, e)

Tier III: 02.14, 02.15 (c)

71130.07 - Security Training (1 Sample)

The inspectors evaluated the nuclear security training program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All 16 requirements

Tier II: 02.05 (a), (b), (c), (d); 02.07 (a); 02.08 (a); 02.09 (a), (b)

Tier III: 02.10, 02.12 (a), (b); 02.13 (a), (b), (c)

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals listed below for the period from October 2018, through October 2019.

- (1) Protected Area Security Equipment Performance Index

EXIT MEETINGS AND DEBRIEFS

On November 7, 2019 the inspectors presented the Baseline Security Inspection results to Mr. T. Simril and other members of the licensee staff.

Inspection Procedure	Type	Designation	Description of Title	Revision
71130.02	Procedures	AD-SY-ALL-0215	Security Search and Entry Processing	Rev. 00
		AD-SY-ALL-0210	Site Access Controls	Rev. 02
		AD-SY-ALL-0110	Protection of Information Related to Nuclear Material	Rev. 05
		SP/O/1305-C	Vehicle Barrier System (VBS) Access Control and Search	Rev. 21
71130.04	Procedures	AD-SY-ALL-0630	Testing and Maintenance of Security Communication Equipment	Rev. 01
		SP/T/1401-C	Vehicle Barrier System Inspection and Active Barrier Testing	Rev. 05
		SP/T/1403-C	Security Intrusion Detection System (IDS) and Closed-Circuit Television (CCTV)	Rev. 24
		SP/T/1404-C	Security Search Equipment Testing	Rev. 30
		SP/T/1406-C	Intrusion Detection System Performance Testing	Rev. 09
		SP/T/1417-C	Alarm Door Operational Testing	Rev. 01
71130.07	Procedure	AD-SY-ALL-0560	Security Drill and Exercise Program	Rev. 05
		AD-SY-ALL-0510	Security Program Systematic Approach to Training	Rev. 04
		AD-SY-ALL-0520	Security Training	Rev. 05
		AD-SY-ALL-0540	Security Range Safety and Control	Rev. 07
71151	Procedure	SP/A/1128-C	Process for Compiling Security Performance Indicator Data	Rev. 06
71130.02, 71130.04, 71130.07 & 71151	Corrective Action Reports	02244087, 02255121, 02264264, 02288683, 02293075, 02253763, 02244780, 02244963, 02245216, 02246508, 02255936, 02271989, 02283152, 02291736, 02239968, 02250251, 02288726		