



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

February 26, 2021

Mr. Ernest Wylie  
Director, Nuclear Plant Security  
Duke Energy Carolinas, LLC  
Catawba Nuclear Station, Units 1&2  
4800 Concord Rd.  
York, SC 29745

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1&2 – SECURITY BASELINE  
INSPECTION REPORT 05000413/2021401 AND 05000414/2021401

Dear Mr. Wylie:

On February 9, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Catawba Nuclear Station, Units 1&2 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,

*/RA/*

James C. Shehee, Chief  
Plant Support Branch  
Division of Reactor Safety

Docket Nos. 05000413 and 05000414  
License Nos. NPF-35 and NPF-52

Enclosure:  
As stated

cc w/ encl: See Page 2

cc:

Brian Bernard

GM, Nuclear Protective Services

Duke Energy Carolinas, LLC

526 South Church Street – EC5ZD

Charlotte, NC 28202-1802

SUBJECT: CATAWBA NUCLEAR STATION, UNITS 1&2 – SECURITY BASELINE  
INSPECTION REPORT 05000413/2021401 AND 05000414/2021401  
Dated February 26, 2021

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NAME	I. Hall	J. Justice	M. Tobin	J. Shehee	
DATE	02/25/2021	02/24/2021	02/24/2021	02/25/2021	

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**U.S. NUCLEAR REGULATORY COMMISSION  
Inspection Report**

Docket Numbers: 05000413 and 05000414

License Numbers: NPF-35 and NPF-52

Report Numbers: 05000413/2021401 and 05000414/2021401

Enterprise Identifier: I-2021-401-0025

Licensee: Duke Energy Carolinas, LLC

Facility: Catawba Nuclear Station, Units 1&2

Location: York, SC

Inspection Dates: January 25, 2021 to January 28, 2021 (Remote)  
February 08, 2021 to February 9, 2021 (Onsite)

Inspectors: J. Justice, Senior Physical Security Inspector  
I. Hall, Physical Security Inspector

Approved By: James C. Shehee, 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 Catawba Nuclear Station, Units 1&2, 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**

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 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. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin telework. The inspection documented below was completed through a combination of remote and onsite inspection.

## **SAFEGUARDS**

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

The inspectors evaluated the security equipment testing and maintenance program. The following elements were evaluated from this IP dated August 23, 2018.

- (1)
  - Tier I: All requirements
  - Tier II: None
  - Tier III: None

### 71130.07 - Security Training (1 Sample)

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

- (1)
  - Tier I: All Requirements
  - Tier II: None
  - Tier III: None

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On February 9, 2021, the inspectors presented the security baseline inspection results to Ernest Wylie and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date	
71130.04	Corrective Action Documents	20191495			
		20194372			
	Engineering Changes	EC415386			
		EC418126			
	Miscellaneous		Various Security Equipment Testing and Maintenance Records		
	Procedures			Catawba Nuclear Station Physical Security Plan	29
		AD-SY-ALL-0580		Weapons Maintenance, Testing, and Accountability	6
		AD-SY-ALL-0620		Testing and Inspection of Perimeter Intrusion Detection Systems (PIDS)	0
		AD-SY-ALL-0625		Security Owner Controlled Area (SOCA) Surveillance Systems Maintenance and Testing	2
		AD-SY-ALL-0640		Testing and Inspection of Security Search Equipment	0
AD-SY-ALL-0650			Physical Barrier Access Control System Testing and Inspection	0	
	AD-SY-CNS-0260		Security Compensatory Measures	0	
71130.07	Miscellaneous		Various Security Officer Training and Qualification Records		
			Various Security Training Lesson Plans		
			Various Security Courses of Fire and Associated Approvals		
	Procedures	AD-SY-ALL-0520		Security Training	5
		AD-SY-ALL-0560		Security Drill and Exercise Program	7
		PY-SY-ALL-0005		Fleet Nuclear Security Use of Force Policy	1