



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D.C. 20555-0001

December 7, 2021

Ms. Kim Maza  
Site Vice President  
Shearon Harris Nuclear Power Plant  
5413 Shearon Harris Rd.  
Mail Code HNP01  
New Hill, NC 27562-9300

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 – SECURITY  
INSPECTION REPORT 05000400/2021420

Dear Ms. Maza:

On November 4, 2021, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Shearon Harris Nuclear Power Plant, Unit 1. On November 9, 2021, the NRC inspectors discussed the results of this inspection with Mr. Mark McNeely 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 black ink that reads "Jeff K. Clark".

Signed by Clark, Jefferson  
on 12/07/21

Jefferson K. Clark, Chief  
Security Performance Evaluation Branch  
Division of Security Operations  
Office of Nuclear Security and Incident Response

Docket No. 05000400  
License No. NPF-63

Enclosure:  
Inspection Report

cc w/Encl: Linwood Faulk, Security Manager  
[linwood.faulk@duke-energy.com](mailto:linwood.faulk@duke-energy.com)

**U.S. NUCLEAR REGULATORY COMMISSION (NRC)**  
**OFFICE OF NUCLEAR SECURITY AND INCIDENT RESPONSE (NSIR)**  
**INSPECTION REPORT**

Docket Number: 05000400

License Number: NPF-63

Report Number: 05000400/2021420

Enterprise Identifier: I-2021-420-0004

Licensee: Duke Energy Progress, LLC

Facility: Shearon Harris Nuclear Power Plant, Unit 1

Location: New Hill, North Carolina

Inspection Dates: September 27, 2021, to November 9, 2021

Inspectors: C. Roundtree, Team Leader, NSIR  
R. Ober, Sr. Physical Security Inspector, NSIR  
J. Wallo, Sr. Physical Security Inspector, RII  
A. Woyansky, Physical Security Inspector, NSIR

Approved By: Jefferson K. Clark, Chief  
Security Performance Evaluation Branch  
Division of Security Operations

Enclosure

## SUMMARY

The NRC continued monitoring the licensee's performance by conducting a security baseline inspection at Shearon Harris Nuclear Power Plant, Unit 1, 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), inspectors were directed to begin teleworking. In addition, regional baseline inspections were evaluated to determine if all, or a portion of the objectives and requirements stated in the IP could be performed remotely. If the inspections could be performed remotely, they were conducted per the applicable IP. In some cases, portions of an IP were completed remotely and on site. The inspections documented below met the objectives and requirements for completion of the IP.

## OTHER ACTIVITIES – TEMPORARY INSTRUCTIONS, INFREQUENT AND ABNORMAL

92707 - Security Inspection of Facilities Impacted by a Local, State, or Federal Emergency Where the NRC's Ability to Conduct Triennial Force On-Force Exercises is Limited (1 Sample)

NRC inspectors completed this inspection by gathering sufficient information to develop a scenario that can be segmented into limited scope tactical response drills that allows for a limited assessment of the ability of licensees' physical security systems and security organization to meet the general performance objective of Title 10 of the *Code of Federal Regulations* 73.55(b) and to ensure changes made to the physical protection program in response to a local, State, or Federal emergency (e.g., state of emergency, disaster, or public health emergency) have not adversely impacted the licensee's implementation of their protective strategy.

## **REPORT ATTACHMENTS**

Supplemental Information for the report is considered Safeguards Information and is located separately within the NRC's Safeguards Information Local Area Network and Electronic Safe database, under NS125850.

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On November 9, 2021, the inspectors presented the security inspection results to Mr. Mark McNeely and other members of the licensee staff.

**DOCUMENTS REVIEWED**

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
92707	Corrective Action Documents Resulting from Inspection	Harris Improvement (IMPR) Item	IMPR 02404252	11/02/2021
	Miscellaneous	Critical Target Sets	Harris Critical Target Sets	Revision 6
		Physical Security Plan	Harris Physical Security Plan	Revision 12
		Protective Strategy Brief	Harris Protective Strategy Brief	09/28/2021

Shearon Harris Nuclear Power Plant Unit 1 Security Inspection Report 05000400/2021420 DATE  
December 7, 2021

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**ADAMS Accession No.: Ltr ML21322A106**

**\* via email**

OFFICE	NSIR/DSO/SPEB	NSIR/DSO/SPEB/ETA	R-II/DRS/PSB*	NSIR/DSO/SPEB/ETA
NAME	RStone <i>RS</i>	CRoundtree <i>CR</i>	JWallo <i>JW</i>	JClark <i>JC</i>
DATE	Nov 30, 2021	Dec 2, 2021	Dec 2, 2021	Dec 7, 2021

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