



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

October 30, 2020

Mr. Linwood Faulk  
Director, Nuclear Plant Security  
Duke Energy Progress, LLC.  
Shearon Harris Nuclear Plant, Unit 1  
5413 Shearon Harris Road  
New Hill, NC 27562-9300

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 – SECURITY  
BASELINE INSPECTION REPORT 05000400/2020403

Dear Mr. Faulk:

On October 8, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Shearon Harris Nuclear Power Plant, Unit 1 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  
Div of Reactor Safety

Docket No. 05000400  
License No. NPF-63

Enclosure:  
As stated,  
cc w/ encl: Distribution via LISTSERV®

L. Faulk

cc:

Brian Bernard, General Manager  
Nuclear Protective Services  
Duke Energy Corporation  
Mail Code EC05ZD  
526 South Church Street  
Charlotte, NC 28202

L. Faulk

SUBJECT: SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 – SECURITY  
BASELINE INSPECTION REPORT 05000400/2020403  
DATED: October 30, 2020

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ADAMS ACCESSION NUMBER: **ML20304A469**

OFFICE	RII/DRS/PSB	RII/DRP/BR4	RII/DRS/PSB		
NAME	J. Justice	S. Bailey	J. Shehee		
DATE	10/27/2020	10/28/2020	10/30/2020		

OFFICIAL RECORD COPY

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

Docket Number: 05000400

License Number: NPF-63

Report Number: 05000400/2020403

Enterprise Identifier: I-2020-403-0015

Licensee: Duke Energy Progress, LLC.

Facility: Shearon Harris Nuclear Power Plant, Unit 1

Location: New Hill, NC

Inspection Dates: May 18, 2020 – May 20, 2020 (Remote)  
October 07, 2020 to October 08, 2020 (Onsite)

Inspectors: J. Justice, Physical Security Inspector

Approved By: James C. Shehee, Chief  
Plant Support Branch  
Div 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 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), regional inspectors were directed to begin telework. The inspection documented below was completed through a combination of remote and onsite inspection.

## **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 (b,c), 02.08(a,b,e,f,g,h)
  - Tier III: 02.09

## **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) April 2019 through March 2020

## **INSPECTION RESULTS**

No findings were identified.

## **EXIT MEETINGS AND DEBRIEFS**

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

- On October 8, 2020, the inspectors presented the security baseline inspection results to Linwood Faulk and other members of the licensee staff.

## DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	2320934		
		2351933		
	Miscellaneous		Various Key and Lock Control Records	
	Procedures	AD-SY-ALL-0100	Protection of Information Related to Nuclear Security	6
		AD-SY-ALL-0210	Site Access Controls	6
		AD-SY-ALL-0215	Security Search and Entry Processing	5
		AD-SY-ALL-0240	Security Key and Lock Controls	1
		OMM-002	Shift Turnover Package	69
		SP-013	Administrative/Support Key and Lock Control	14
	Self-Assessments		Nuclear Oversight Performance Review	02/06/2020
71151	Procedures	AD-PI-ALL-0700	Performance Indicators	4