



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

January 17, 2019

Mr. Linwood Faulk  
Director, Nuclear Plant Security  
Shearon Harris Nuclear Power Plant  
5413 Shearon Harris Road  
New Hill, NC 27562

SUBJECT: SHEARON HARRIS NUCLEAR PLANT, UNIT 1 – U.S. NUCLEAR REGULATORY  
COMMISSION SECURITY INSPECTION REPORT 05000400/2019410

Dear Mr. Faulk:

On January 9, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your Shearon Harris Nuclear Plant, Unit 1, and discussed the results of this inspection with Ms. T. Hamilton, and other members of the Shearon Harris Nuclear Plant 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: 50-400  
License Nos: NPF-63

Enclosure:  
NRC IR 05000400/2019410,  
w/Attachment: Supplemental Information

cc: (See page 2)

cc:

Mr. Brian Bernard  
General Manager, Nuclear Security Services  
526 South Church Street  
Charlotte, NC 28202

SUBJECT: SHEARON HARRIS NUCLEAR PLANT, UNIT 1 – U.S. NUCLEAR REGULATORY COMMISSION SECURITY INSPECTION REPORT 05000400/2019410 AND dated January 17, 2019

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 ADAMS:  Yes      ACCESSION NUMBER: **ML 19017A252**       SUNSI REVIEW COMPLETE       FORM 665 ATTACHED

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NAME	J. Justice	J. Wallo	B. Desai	L. Pressley	B. Desai	
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**U.S. NUCLEAR REGULATORY COMMISSION**

**Inspection Report**

Docket Nos: 05000400

License Nos: NPF-63

Report Nos: 05000400/2019410

Enterprise Identifier: I-2019-410-0006

Licensee: Duke Energy Progress, Inc.

Facility: Shearon Harris Nuclear Plant, Unit 1

Location: New Hill, NC

Dates: November 5 – 9, 2018 (Duke Corporate Office)  
January 7 – 9, 2019 (Onsite)

Inspectors: Jared Justice, Physical Security Inspector  
Jon Wallo, Senior 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 Shearon Harris Nuclear Plant, 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

### 71130.01 - Access Authorization (1 Sample)

The inspectors evaluated the access authorization program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All requirements  
 Tier II: 02.05(a, b), 02.06(a, b), 02.07(a, b), 02.08(a, b, c)  
 Tier III: 02.09, 02.10(a, b, c), 02.11(a, b)

### 71130.06 – Protection of Safeguards Information (1 Sample)

The inspectors evaluated the safeguards information protection program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All requirements  
 Tier II: 02.04(a, b), 02.05(a), 02.06, 02.07(c)  
 Tier III: 02.08, 02.09(a, b)

### 71130.08 – Fitness for Duty (1 Sample)

The inspectors evaluated the fitness for duty program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: All requirements  
 Tier II: All requirements  
 Tier III: All requirements

## EXIT MEETINGS AND DEBRIEFS

On January 9, 2019, the inspectors presented the Baseline Security Inspection results to Ms. T. Hamilton and other members of the licensee staff.

## LIST OF DOCUMENTS REVIEWED

### PROCEDURES

AD-SY-ALL-0110, Protection of Information Related to Nuclear Security, Rev. 4  
AD-SY-ALL-0301, Nuclear Worker Unescorted Access Authorization Program, Rev. 4  
AD-SY-ALL-0310, Access Authorization Processing, Rev. 3  
AD-SY-ALL-0320, Personnel Access Data System, Rev. 2  
AD-SY-ALL-0340, Access Authorization Training and Qualification Program, Rev. 1  
AD-SY-ALL-0370, Access Processing of Foreign Nationals, Rev. 0  
AD-SY-ALL-0401, Fitness for Duty Program, Rev. 2  
AD-SY-ALL-0405, Fitness for Duty Violations, Rev. 0  
AD-SY-ALL-0410, Fitness for Duty Drug and Alcohol Collections, Rev. 2  
AD-SY-ALL-0415, Fitness for Duty Blind Performance Testing Procedure, Rev. 2  
AD-SY-ALL-0420, Fitness for Duty Unscheduled Callout, Rev. 1  
AD-SY-ALL-0440, Fitness for Duty Training and Qualification Program, Rev. 1  
AD-SY-ALL-0451, Behavior Observation Program, Rev. 3  
AD-SY-ALL-0460, Managing Fatigue and Work Hour Limits, Rev. 2  
PY-SY-ALL-0004, Duke Energy Nuclear Generation Fitness for Duty Policy, Rev. 1  
Various Nuclear Oversight and Self-Screener Audits

### CONDITION REPORTS

02104791	02032605	01994364	02132047
02100433	01991208	02251808	