



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

December 14, 2018

Mr. Kelvin Kinard  
Security Manager  
McGuire Nuclear Station  
Mail Code MGO1SC  
12700 Hagers Ferry Road  
Huntersville, NC 28078-8985

**SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 – U.S. NUCLEAR  
REGULATORY COMMISSION SECURITY INSPECTION REPORT  
05000369/2018412 AND 05000370/2018412**

Dear Mr. Kinard:

On November 29, 2018, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your McGuire Nuclear Station, Units 1 and 2, and discussed the results of this inspection with Mr. S. Snider, and other members of the McGuire 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: 50-369 and 50-370  
License Nos: NPF-9 and NPF-17

Enclosure:  
NRC IR 05000369/2018412 and 05000370/2018412,  
w/Attachment: Supplemental Information

cc: (See page 2)

cc:

Terry W. King

Duke Energy Carolinas, LLC

526 S. Church Street – EC5ZD

Charlotte, NC 28202-1802

SUBJECT: MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 – U.S. NUCLEAR REGULATORY COMMISSION SECURITY INSPECTION REPORT  
05000369/2018412 AND 05000370/2018412 dated December 14, 2018

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\* See previous page for concurrence

PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
ADAMS:  Yes      ACCESSION NUMBER: **ML 18348A390**       SUNSI REVIEW COMPLETE       FORM 665 ATTACHED

OFFICE	RII:DRS/PSB	RII:DRS/PSB	RII:DRS/PSB	RII:DRP/BR1	RII:DRS/PSB	
SIGNATURE	JXJ5	JHW2	BBD	FJE	BBD	
NAME	J. Justice	J. Wallo	B. Desai	F. Ehrhardt	B. Desai	
DATE	12/ 8 /2018	12/ 8 /2018	12/ 10 /2018	12/ 13 /2018	12/ 14 /2018	
E-MAIL COPY	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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Insp Report 2018-412.docx

**U.S. NUCLEAR REGULATORY COMMISSION**

**Inspection Report**

Docket Nos: 05000369 and 05000370

License Nos: NPF-9 and NPF-17

Report Nos: 05000369/2018411 and 05000370/201841

Enterprise Identifier: I-2018-412-0008

Licensee: Duke Energy Carolinas, LLC.

Facility: McGuire Nuclear Station, Units 1 and 2

Location: Huntersville, NC

Dates: November 5 – 9, 2018 (Duke Corporate Office)  
November 26 – 29, 2018 (Onsite)

Inspectors: Jon Wallo, Senior Physical Security Inspector  
Jared Justice, 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 McGuire 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

### 71130.01 - Access Authorization (1 Sample)

The inspectors evaluated the access authorization program. The following elements were evaluated from this IP dated January 1, 2017.

Tier I: All requirements  
 Tier II: 02.05 (b, d), 02.06(a, c), 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, 2017.

Tier I: All requirements  
 Tier II: 02.05(a, b), 02.06(a, b), 02.08(c)  
 Tier III: 02.09, 02.10 (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, 2017.

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

## EXIT MEETINGS AND DEBRIEFS

On November 29, 2018, the inspectors presented the Baseline Security Inspection results to Mr. S. Snider 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

02219858	02092352	02103961	02115990
02117004	02123404	02128460	02143347
02236043	02242113	02245713	