



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

August 21, 2019

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

SUBJECT: WILLIAM B. MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 – U.S. NUCLEAR
REGULATORY COMMISSION SECURITY INSPECTION REPORT
05000369/2019410 AND 05000370/2019410

Dear Mr. Kinard:

On July 25, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security inspection at your William B. McGuire Nuclear Station, Units 1 and 2. On July 25, 2019, the NRC inspectors discussed the results of this inspection with Mr. E. Pigott and other members of your staff. The results of this inspection are documented in the enclosed report.

No NRC-Identified or self-revealing findings were identified during the inspections.

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:
As stated

cc: (See page 3)

cc:

Terry W. King

Duke Energy Carolinas, LLC

526 S. Church Street – EC5ZD

Charlotte, NC 28202-1802

SUBJECT: WILLIAM B. MCGUIRE NUCLEAR STATION, UNITS 1 AND 2 – U.S. NUCLEAR
REGULATORY COMMISSION SECURITY INSPECTION REPORT
05000369/2019410 AND 05000370/2019410 dated August 21, 2019

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ADAMS: ☒ Yes ACCESSION NUMBER: ML19234A032 ☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

| | | | | | | |
|--------------|--------------|-------------|-------------|-------------|--|--|
| OFFICE | RII/ DRS/PSB | RII/DRS/PSB | RII/DRP | RII/DRS/PSB | | |
| SIGNATURE | RLP5 | BBD | FJE | BBD | | |
| NAME | R. PATTERSON | B. DESAI | F. EHRHARDT | B. DESAI | | |
| DATE | 8/14/2019 | 8/14/2019 | 8/14/2019 | 8/20/2019 | | |
| E-MAIL COPY? | YES NO | YES NO | YES NO | YES NO | | |

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRSII\PSBII\REACTORS\McGuire\REPORTS\2019\MCGUIRE INSP
REPORT 2019410.DOCX

U.S. NUCLEAR REGULATORY COMMISSION

REGION II

Inspection Report

Docket Nos: 05000369 and 05000370

License Nos: NPF-9 and NPF-17

Report Nos: 05000369/2019410 and 05000370/2019410

Enterprise Identifier: I-2019-410-0035

Licensee: Duke Energy Carolinas, LLC.

Facility: McGuire Nuclear Station, Units 1 and 2

Location: Huntersville, NC

Dates: July 22 – 25, 2019

Inspectors: Randy Patterson, 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, Units 1 and 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 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.

REPORT DETAILS

SAFEGUARDS

71130.02 - Access Control (1 Sample)

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

| | |
|-----------|--|
| Tier I: | All 19 requirements |
| Tier II: | 02.06 (a-d), 02.07(a), 02.08 (a), (e), (i) |
| Tier III: | 02.10 (a) |

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals listed below for the period from July 2018, through July 2019.

EXIT MEETINGS AND DEBRIEFS

On July 25, 2019, the inspectors presented the Baseline Security Inspection results to Mr. E. Pigott and other members of the licensee staff.

LIST OF DOCUMENTS REVIEWED

| Inspection Procedure | Type | Designation | Description of Title | Revision |
|----------------------|---------------------------|--|---|----------|
| 71130.02 | Procedures | AD-SY-ALL-0240 | Security Key and Lock Controls | 0 |
| | | AD-SY-ALL-0250 | Security Events | 1 |
| | | AD-SY-ALL-1000 | Conduct of Security | 2 |
| | | AP/O/A/5700/011 | Enclosure 4.2 Site Evacuation | |
| | | SD-8.0 | Search and Protected Area Ingress Process | 24 |
| | | SP/T/1402-M | Security barrier Inspection and Alarm Testing | 22 |
| | | SP/T/1404-M | Search Equipment Testing | 24 |
| | | 2019-MNS-NGO-SEC-01 | Nuclear Oversight Audit McGuire/ Nuclear General Office Physical Security | 1 |
| | | 02248458 | Self-Assessment Report | |
| 71130.02 | Corrective Action Reports | 18-02219858 19-02250905 19-02252758 19-02255615 19-02257991 19-02258720 19-02258752 19-02258854 02261565 | | |