



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

August 26, 2024

Edward Pigott
Site Vice President
McGuire Nuclear Station
Duke Energy Carolinas, LLC
12700 Hagers Ferry Road
Huntersville, NC 28078

SUBJECT: UPDATED INSPECTION PLAN FOR MCGUIRE NUCLEAR STATION UNITS 1
AND 2 (REPORT 05000369/2024005 AND 05000370/2024005)

Dear Edward Pigott:

The enclosed inspection plan lists the inspections scheduled through June 30, 2026, for McGuire Nuclear Station. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 404-997-4471 with any questions you have regarding this letter.

Sincerely,

A handwritten signature in black ink, appearing to read "Matthew Fannon".

Fannon, Matthew signing on behalf
of Carman, Paul
on 08/26/24

Paul J. Carman, Acting Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos. 05000369, 05000370
and 07200038
License Nos. NPF-9 and NPF-17

Enclosure:
Inspection Plan

cc: Distribution: via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR MCGUIRE NUCLEAR STATION UNITS 1 AND 2
(REPORT 05000369/2024005 AND 05000370/2024005) DATED AUGUST 26, 2024

DISTRIBUTION:

R2EICS

RidsNrrDro Resource

RidsNrrPMMcGuire Resource

ROPASSESSMENT Resource

ADAMS ACCESSION NUMBER: ML24235A553

<input checked="" type="checkbox"/> SUNSI Review		<input checked="" type="checkbox"/> Non-Sensitive <input type="checkbox"/> Sensitive		<input checked="" type="checkbox"/> Publicly Available <input type="checkbox"/> Non-Publicly Available	
OFFICE	RII/DRP	RII/DRP			
NAME	D. Jackson for C. Even	M. Fannon for P. Carman			
DATE	08/23/24	08/26/24			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

McGuire

09/01/2024 - 06/30/2026

Unit	Start	End	Activity	CAC	Title	Staff Count
UNIT 2 IN-SERVICE INSPECTION						1
2	9/9/2024	9/13/2024	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION						3
1,2	9/9/2024	9/13/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	9/9/2024	9/13/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	9/9/2024	9/13/2024	IP 71124.04	000728	Occupational Dose Assessment	
1,2	9/9/2024	9/13/2024	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	9/9/2024	9/13/2024	IP 71151	000746	Performance Indicator Verification	
1,2	9/23/2024	9/27/2024	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	9/23/2024	9/27/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	9/23/2024	9/27/2024	IP 71124.04	000728	Occupational Dose Assessment	
1,2	9/23/2024	9/27/2024	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1,2	9/23/2024	9/27/2024	IP 71151	000746	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						2
1,2	9/23/2024	9/26/2024	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	9/23/2024	9/26/2024	IP 71130.07	000739	Security Training	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1,2	11/4/2024	11/8/2024	IP 71114.02	000717	Alert and Notification System Testing	
1,2	11/4/2024	11/8/2024	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1,2	11/4/2024	11/8/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	11/4/2024	11/8/2024	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1,2	11/4/2024	11/8/2024	IP 71151	001397	Performance Indicator Verification	
DUKE CORPORATE SECURITY INSPECTION AA/FFD						2
1,2	1/13/2025	1/16/2025	IP 71130.01	000733	Access Authorization	
1,2	1/13/2025	1/16/2025	IP 71130.08	000740	Fitness-For-Duty Program	
AGING MANAGEMENT OF AN ISFSI (change IP to 60859 when issued)						2
1,2	1/27/2025	1/31/2025	IP 60855	001001	Operation Of An ISFSI	

Site Inspection Activity Plan

FOCUSED ENGINEERING INSPECTION (FPTI)						3
1,2	1/13/2025	1/17/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1,2	1/27/2025	1/31/2025	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
MCGUIRE INITIAL LICENSE EXAM						4
1,2	1/19/2025	1/25/2025	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
1,2	2/23/2025	3/8/2025	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - MCG						5
1,2	2/10/2025	2/14/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1,2	3/3/2025	3/7/2025	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
UNIT 1 IN-SERVICE INSPECTION						1
1	3/31/2025	4/4/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY AND TRANSPORTATION BASELINE INSPECTION						2
1,2	4/7/2025	4/11/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1,2	4/7/2025	4/11/2025	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
1,2	4/7/2025	4/11/2025	IP 71151	000746	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						2
1,2	6/2/2025	6/5/2025	IP 71130.01	000733	Access Authorization	
1,2	6/2/2025	6/5/2025	IP 71130.02	000734	Access Control	
1,2	6/2/2025	6/5/2025	IP 71130.08	000740	Fitness-For-Duty Program	
1,2	6/2/2025	6/5/2025	IP 71130.09	001656	Security Plan Changes	
1,2	6/2/2025	6/5/2025	IP 71151	001338	Performance Indicator Verification	
RP PUBLIC RAD SAFETY BASELINE INSPECTION						2
1,2	6/9/2025	6/13/2025	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	6/9/2025	6/13/2025	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1,2	6/9/2025	6/13/2025	IP 71151	000746	Performance Indicator Verification	
EMERGENCY PREPAREDNESS EXERCISE INSPECTION						5
1,2	8/25/2025	8/29/2025	IP 71114.01	000716	Exercise Evaluation	
1,2	8/25/2025	8/29/2025	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1,2	8/25/2025	8/29/2025	IP 71151	001397	Performance Indicator Verification	
UNIT 2 IN-SERVICE INSPECTION +SG						1
2	3/30/2026	4/10/2026	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	

Site Inspection Activity Plan

PROBLEM IDENTIFICATION AND RESOLUTION						4
1,2	4/27/2026	5/1/2026	IP 71152B	000747	Problem Identification and Resolution	
1,2	5/11/2026	5/15/2026	IP 71152B	000747	Problem Identification and Resolution	
MCGUIRE INITIAL LICENSE EXAM						4
1,2	6/7/2026	6/12/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)	
SECURITY BASELINE INSPECTION						1
1,2	6/8/2026	6/11/2026	IP 71130.02	000734	Access Control	
1,2	6/8/2026	6/11/2026	IP 71130.09	001656	Security Plan Changes	
1,2	6/8/2026	6/11/2026	IP 71151	001338	Performance Indicator Verification	
CYBER SECURITY INSPECTION						2
1,2	6/22/2026	6/26/2026	IP 71130.10	000741	Cybersecurity	