



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

August 26, 2019

Mr. Thomas D. Ray
Site Vice President
Duke Energy Carolinas, LLC
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

SUBJECT: UPDATED INSPECTION PLAN FOR MCGUIRE NUCLEAR STATION UNITS 1
AND 2 (NRC INSPECTION REPORT 05000369/2019005 AND
05000370/2019005)

Dear Mr. Ray:

The enclosed inspection plan lists the inspections scheduled through June 30, 2021, 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. You should be aware that the agency is pursuing potential changes to the ROP, including changes to engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections"), and other changes to the baseline inspection program described in SECY-19-0067, "Recommendations for Enhancing the Reactor Oversight Process." Should these changes to the ROP be implemented, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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.

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 404-997-4611 with any questions you have regarding this letter.

Sincerely,

/RA/

Frank Ehrhardt, Chief
Reactor Projects Branch 1
Division of Reactor Projects

Docket Nos.: 50-369, 50-370
License Nos.: NPF-9, NPF-17

Enclosure:
McGuire Inspection Activity Plan
(09/01/2019 – 06/30/2021)

cc: Distribution via ListServ

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AND 2 (NRC INSPECTION REPORT 05000369/2019005 AND
05000370/2019005)

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ROP Reports

Institute of Nuclear Power Operations (INPO)

ADAMS Accession Number: ML19238A106

OFFICE	RII:DRP	RII:DRP	RII: DRP				
NAME	JWorosilo	MToth	FEhrhardt				
DATE	8/15/2019	8/20/2019	8/20/2019				

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

McGuire

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
TI-194 OPEN PHASE CONDITION						
1, 2	10/28/2019	11/01/2019	TI 2515/194	000512	Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)	1
MCGUIRE INITIAL LICENSE EXAM						
1, 2	01/13/2020	01/17/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	3
1, 2	02/17/2020	02/28/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION						
1, 2	03/09/2020	03/13/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	3
1, 2	03/09/2020	03/13/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/09/2020	03/13/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/09/2020	03/13/2020	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	03/09/2020	03/13/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1, 2	03/23/2020	03/27/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/23/2020	03/27/2020	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/23/2020	03/27/2020	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/23/2020	03/27/2020	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	03/23/2020	03/27/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
UNIT 2 IN-SERVICE INSPECTION +SG						
2	03/23/2020	03/27/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	2
SECURITY BASELINE INSPECTION						
1, 2	05/18/2020	05/22/2020	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	3
1, 2	05/18/2020	05/22/2020	IP 71130.07	000739	Security Training	
POST-APPROVAL LR PHASE 2						
1, 2	06/01/2020	06/05/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	5
1, 2	06/15/2020	06/19/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
MCGUIRE REQUAL INSPECTION						
1, 2	06/15/2020	06/19/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	2

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.

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Enclosure

IP 22 Inspection Activity Plan Report

McGuire

09/01/2019 - 06/30/2021

Unit	Start	End	Activity	CAC	Title	Staff Count
DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)						3
1, 2	06/22/2020	06/26/2020	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
1, 2	07/06/2020	07/10/2020	IP 71111.21N.02		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
SECURITY BASELINE INSPECTION						3
1, 2	07/27/2020	07/31/2020	IP 71130.02	000734	Access Control	
1, 2	07/27/2020	07/31/2020	IP 71130.05	000737	Protective Strategy Evaluation	
1, 2	07/27/2020	07/31/2020	IP 71151	001338	Performance Indicator Verification	
PROBLEM IDENTIFICATION AND RESOLUTION						4
1, 2	08/10/2020	08/14/2020	IP 71152B	000747	Problem Identification and Resolution	
1, 2	08/24/2020	08/28/2020	IP 71152B	000747	Problem Identification and Resolution	
UNIT 1 IN-SERVICE INSPECTION +SG						2
1	09/21/2020	09/25/2020	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1, 2	09/21/2020	09/25/2020	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	09/21/2020	09/25/2020	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	09/21/2020	09/25/2020	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	09/21/2020	09/25/2020	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1, 2	09/21/2020	09/25/2020	IP 71151	001397	Performance Indicator Verification	
DESIGN BASES ASSURANCE INSPECTION (TEAMS)						6
1, 2	01/25/2021	01/30/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	02/08/2021	02/12/2021	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1, 2	03/22/2021	03/26/2021	IP 71111.05XT	000697	Fire Protection - NFPA 805	
1, 2	04/05/2021	04/09/2021	IP 71111.05XT	000697	Fire Protection - NFPA 805	
TARGET SET						2
1, 2	04/05/2021	04/09/2021	IP 71130.14	000743	Review of Power Reactor Target Sets	

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