



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

August 20, 2018

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 05000369/2018005 AND 05000370/2018005)

Dear Mr. Ray:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020, 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.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://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.

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
(09/01/2018 – 06/30/2020)

cc Distribution via ListServ

T. Ray

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SUBJECT: UPDATED INSPECTION PLAN FOR MCGUIRE NUCLEAR STATION UNITS 1
AND 2 (NRC INSPECTION REPORT 05000369/2018005 AND 05000370/2018005)
August 20, 2018

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ADAMS Accession No. ML18232A338

OFFICE	RII/DRP	RI/DRP	RII/DRP			
NAME	JWorosilo	MToth	FEhrhardt			
DATE	8/14/2018	8/13/2018	8/13/2018			

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

McGuire

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
UNIT 2 POST-APPROVAL LR PHASE 1						2
2	09/17/2018	09/21/2018	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
2	09/24/2018	09/28/2018	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
UNIT 2 IN-SERVICE INSPECTION & RVH EXAM						2
2	09/17/2018	09/21/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
2	09/24/2018	09/28/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1						3
1, 2	09/24/2018	09/28/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	09/24/2018	09/28/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	09/24/2018	09/28/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	09/24/2018	09/28/2018	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	09/24/2018	09/28/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						2
1, 2	10/15/2018	10/19/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	10/15/2018	10/19/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	10/15/2018	10/19/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	10/15/2018	10/19/2018	IP 71124.04	000728	Occupational Dose Assessment	
1, 2	10/15/2018	10/19/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
DUKE CORP AA/FFD/SGI SECURITY INSPECTION						2
1, 2	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
1, 2	11/05/2018	11/09/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
TARGET SET						2
1, 2	11/12/2018	11/16/2018	IP 71130.14	000743	Review of Power Reactor Target Sets	
SECURITY BASELINE INSPECTION						1
1, 2	11/26/2018	11/30/2018	IP 71130.01	000733	Access Authorization	
1, 2	11/26/2018	11/30/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	11/26/2018	11/30/2018	IP 71130.08	000740	Fitness For Duty Program	

IP 22 Inspection Activity Plan Report

McGuire

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
FORCE-ON-FORCE PLANNING AND EXERCISE						7
1, 2	01/14/2019	01/18/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	02/04/2019	02/08/2019	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
UNIT 1 POST-APPROVAL LR PHASE 1						2
1	04/01/2019	04/04/2019	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
UNIT 1 IN-SERVICE INSPECTION						1
1	04/01/2019	04/05/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS BASELINE INSPECTION						1
1, 2	04/01/2019	04/05/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
1, 2	07/15/2019	07/19/2019	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
SECURITY BASELINE INSPECTION						1
1, 2	07/15/2019	07/19/2019	IP 71130.02	000734	Access Control	
1, 2	07/15/2019	07/19/2019	IP 71151	001338	Performance Indicator Verification	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION & PIV						3
1, 2	07/22/2019	07/26/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	07/22/2019	07/26/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program	
1, 2	07/22/2019	07/26/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
EMERGENCY PREPAREDNESS EXERCISE						5
1, 2	08/12/2019	08/16/2019	IP 71114.01	000716	Exercise Evaluation	
1, 2	08/12/2019	08/16/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	08/12/2019	08/16/2019	IP 71151	001397	Performance Indicator Verification	
MCGUIRE INITIAL LICENSE EXAM						3
1, 2	01/13/2020	01/17/2020	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	02/17/2020	02/28/2020	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 1						3
1, 2	03/09/2020	03/13/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	

IP 22 Inspection Activity Plan Report

McGuire

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 1						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	000729	Occupational Dose Assessment	
1, 2	03/09/2020	03/13/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
UNIT 2 IN-SERVICE/SG IN-SERVICE INSPECTION						2
2	03/16/2020	03/20/2020	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 2						2
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	000729	Occupational Dose Assessment	
1, 2	03/23/2020	03/27/2020	IP 71124.05	000729	Radiation Monitoring Instrumentation	
POST-APPROVAL LR PHASE 2						5
1, 2	06/08/2020	06/12/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
1, 2	06/22/2020	06/26/2020	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
MCGUIRE REQUAL INSPECTION						2
1, 2	06/15/2020	06/19/2020	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)						3
1, 2	06/22/2020	06/26/2020	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	