



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

August 26, 2021

Ms. Kim Maza
Site Vice President
Duke Energy Progress, LLC
5413 Shearon Harris Road
Mail Code HNP01
New Hill, NC 27562-9300

SUBJECT: UPDATED INSPECTION PLAN FOR SHEARON HARRIS NUCLEAR POWER PLANT (REPORT 05000400/2021005)

Dear Ms. Maza:

The enclosed inspection plan lists the inspections scheduled through June 30, 2023, for the Shearon Harris Nuclear Power Plant. 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 response to the COVID-19 public health emergency (PHE), the NRC is adjusting inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the ROP. Each planned inspection is being carefully reviewed in order to determine if any portions of the inspection can be performed remotely, determine how best to perform on-site portions to minimize personnel health risks, and adjust inspection schedules if needed. This is done in accordance with guidance contained in the February 1, 2021 memo, "Calendar Year 2021 Inspection Guidance During COVID-19 Telework Restrictions" (ML21027A274). For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

The NRC will also be performing baseline inspections of licensee cyber security programs. The specific schedule and procedure to be used for these inspections is being developed by the NRC staff. The staff expects to communicate the schedule for these inspections to each utility separately.

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 301-415-1321 with any questions you have regarding this letter.

Sincerely,

/RA/

Stewart N. Bailey, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No. 05000400
License No. NPF-63

Enclosure:
Harris Inspection/Activity Plan
(09/01/2021- 06/30/2023)

cc Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR SHEARON HARRIS NUCLEAR POWER PLANT (REPORT 05000400/2021005) Dated August 26, 2021

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OFFICE	RII:DRP	RII:DRP					
NAME	A. Wilson	S. Bailey					
DATE	8/26/2021	8/26/2021					

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IP 22b Site Inspection Activity Plan

Harris

09/01/2021 - 06/30/2023

Unit	Start	End	Activity	CAC	Title	Staff Count
EMERGENCY PREPAREDNESS EXERCISE						5
1	9/13/2021	9/17/2021	IP 71114.01	000716	Exercise Evaluation	
1	9/13/2021	9/17/2021	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	9/13/2021	9/17/2021	IP 71151	001397	Performance Indicator Verification	
FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - HAR						6
1	9/27/2021	10/1/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1	11/1/2021	11/5/2021	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
HARRIS REQUAL INSPECTION						2
1	10/18/2021	10/22/2021	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
1	11/15/2021	11/19/2021	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1	11/29/2021	12/3/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1	12/13/2021	12/17/2021	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
DUKE CORPORATE AA/FFD BASELINE SECURITY INSPECTION						2
1	1/10/2022	1/14/2022	IP 71130.01	000733	Access Authorization	
1	1/10/2022	1/14/2022	IP 71130.08	000740	Fitness For Duty Program	
DESIGN BASES ASSURANCE INSPECTION (PROGRAMS)						3
1	4/11/2022	4/15/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
1	4/25/2022	4/29/2022	IP 71111.21N.02	001645	Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
PROBLEM IDENTIFICATION & RESOLUTION INSPECTION						4
1	6/13/2022	6/17/2022	IP 71152B	000747	Problem Identification and Resolution	
1	6/27/2022	7/1/2022	IP 71152B	000747	Problem Identification and Resolution	
TRIENNIAL HEAT SINK PERFORMANCE						1
1	7/11/2022	7/15/2022	IP 71111.07SIX	000700	Heat Sink Performance	
1	7/11/2022	7/15/2022	IP 71111.07T	000700	Heat Sink Performance	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1	8/29/2022	9/2/2022	IP 71114.02	000717	Alert and Notification System Testing	
1	8/29/2022	9/2/2022	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	8/29/2022	9/2/2022	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	8/29/2022	9/2/2022	IP 71114.05	000720	Maintenance of Emergency Preparedness	

IP 22b Site Inspection Activity Plan

1	8/29/2022	9/2/2022	IP 71151	001397	Performance Indicator Verification	
HARRIS INITIAL LICENSE EXAM						4
1	8/15/2022	8/19/2022	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1	9/19/2022	9/30/2022	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
MATERIAL CONTROL & ACCOUNTING						1
1	10/1/2022	12/31/2022	IP 71130.11	000742	Material Control and Accounting (MC&A)	
UNIT 1 IN-SERVICE INSPECTION						1
1	10/10/2022	10/14/2022	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION						3
1	10/17/2022	10/21/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/17/2022	10/21/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/17/2022	10/21/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/17/2022	10/21/2022	IP 71124.04	000728	Occupational Dose Assessment	
1	10/17/2022	10/21/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	10/17/2022	10/21/2022	IP 71151	000746	Performance Indicator Verification	
1	10/31/2022	11/4/2022	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/31/2022	11/4/2022	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/31/2022	11/4/2022	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/31/2022	11/4/2022	IP 71124.04	000728	Occupational Dose Assessment	
1	10/31/2022	11/4/2022	IP 71124.05	000729	Radiation Monitoring Instrumentation	
1	10/31/2022	11/4/2022	IP 71151	000746	Performance Indicator Verification	
DESIGN BASES ASSURANCE INSPECTION (TEAMS)						6
1	1/30/2023	2/3/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1	2/13/2023	2/17/2023	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
SECURITY BASELINE INSPECTION						3
1	2/27/2023	3/3/2023	IP 71130.05	000737	Protective Strategy Evaluation	
TARGET SET INSPECTION						2
1	3/6/2023	3/10/2023	IP 71130.14	000743	Review of Power Reactor Target Sets	
CYBER SECURITY INSPECTION						2
1	3/20/2023	3/24/2023	IP 71130.10P	000741	Cyber Security	
EMERGENCY PREPAREDNESS EXERCISE INSPECTION						5
1	4/24/2023	4/28/2023	IP 71114.01	000716	Exercise Evaluation	
1	4/24/2023	4/28/2023	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	4/24/2023	4/28/2023	IP 71151	001397	Performance Indicator Verification	
RP OCCUPATIONAL AND PUBLIC RADIATION SAFETY BASELINE						3
1	6/26/2023	6/30/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	

IP 22b Site Inspection Activity Plan

1	6/26/2023	6/30/2023	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment
1	6/26/2023	6/30/2023	IP 71124.07	000731	Radiological Environmental Monitoring Program
1	6/26/2023	6/30/2023	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation
1	6/26/2023	6/30/2023	IP 71151	000746	Performance Indicator Verification

SECURITY BASELINE INSPECTION

3

1	6/26/2023	6/30/2023	IP 71130.02	000734	Access Control
1	6/26/2023	6/30/2023	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance
1	6/26/2023	6/30/2023	IP 71130.07	000739	Security Training
1	6/26/2023	6/30/2023	IP 71130.09	001656	Security Plan Changes
1	6/26/2023	6/30/2023	IP 71151	001338	Performance Indicator Verification
