



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

August 26, 2025

Carolyne Joseph
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, UNIT 1 REPORT 05000400/2025005

Dear Carolyne Joseph:

The enclosed inspection plan lists the inspections scheduled through June 30, 2027, 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. As discussed in SECY-25-0045, "Recommendations for Revising the Reactor Oversight Process," dated June 5, 2025 (ML25042A278), the NRC determined that a broad, comprehensive review of the ROP is necessary to reflect improvements in industry performance and advancements in technology. The outcome of the comprehensive review and recommendations to revise the ROP baseline inspection program, when approved by the NRC Commission, will require a revision to this inspection plan. The NRC will contact you as soon as possible to discuss any revisions after the new baseline inspection program is implemented.

This letter and its enclosure will be made available for public inspection and copying at [ADAMS Public Documents | NRC.gov](#) and at the NRC Public Document Room in accordance with Title 10 of the Code of Federal Regulations 2.390, "Public Inspections, Exemptions, Requests for Withholding."

C. Joseph

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Please contact me at 404-997-4547 with any questions you have regarding this letter.

Sincerely,



Signed by Fannon, Matthew
on 08/26/25

Matthew S. Fannon, Chief
Projects Branch 2
Division of Operating Reactor Safety

Docket No.: 05000400

License No.: NPF-63

Enclosure:
Shearon Harris Inspection/Activity Plan (09/01/2025 – 06/30/2027)

cc w/ encl: Distribution via LISTSERV

SUBJECT: UPDATED INSPECTION PLAN FOR SHEARON HARRIS NUCLEAR POWER PLANT, UNIT 1 REPORT 05000400/2025005 AUGUST 26, 2025

Distribution:

J. Lara
M. Fannon
P. Boguszewski
A. Wilson
R2 ACES
RIDSNRRDRO
RidsNrrPMShearonHarris Resource
ROPassessment Resource

ADAMS ACCESSION NUMBER: ML25237A053

<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/DORS	RII/DORS			
NAME	A. Wilson	M. Fannon			
DATE	8/26/2025	8/26/2025			

OFFICIAL RECORD COPY

Site Inspection Activity Plan

Harris

09/01/2025 - 06/30/2027

Unit	Start	End	Activity	CAC	Title	Staff Count
FOCUSED ENGINEERING INSPECTION (CGD)						3
1	9/22/2025	9/26/2025	IP 71111.21N.03	001808	Commercial Grade Dedication	
RP OCCUPATIONAL RAD SAFETY AND TRANSPORTATION BASELINE INSPECTION						2
1	10/6/2025	10/10/2025	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/6/2025	10/10/2025	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
1	10/6/2025	10/10/2025	IP 71151	000746	Performance Indicator Verification	
UNIT 1 IN-SERVICE INSPECTION						1
1	10/13/2025	10/17/2025	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
HARRIS REQUAL INSPECTION						2
1	12/14/2025	12/20/2025	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
FOCUSED ENGINEERING INSPECTION (AGE-RELATED)						3
1	3/23/2026	3/27/2026	IP 71111.21N.04	001832	Age-Related Degradation	
1	4/6/2026	4/10/2026	IP 71111.21N.04	001832	Age-Related Degradation	
SECURITY BASELINE INSPECTION						4
1	4/13/2026	4/16/2026	IP 71130.02	000734	Access Control	
1	4/13/2026	4/16/2026	IP 71130.05	000737	Protective Strategy Evaluation	
1	4/13/2026	4/16/2026	IP 71130.09	001656	Security Plan Changes	
1	4/13/2026	4/16/2026	IP 71151	001338	Performance Indicator Verification	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1	4/27/2026	5/1/2026	IP 71114.02	000717	Alert and Notification System Testing	
1	4/27/2026	5/1/2026	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1	4/27/2026	5/1/2026	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	4/27/2026	5/1/2026	IP 71114.05	000720	Maintenance of Emergency Preparedness	
1	4/27/2026	5/1/2026	IP 71151	001397	Performance Indicator Verification	

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Site Inspection Activity Plan

RP OCCUPATIONAL AND PUBLIC RAD SAFETY BASELINE INSPECTION

1	6/22/2026	6/26/2026	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls
1	6/22/2026	6/26/2026	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment
1	6/22/2026	6/26/2026	IP 71124.07	000731	Radiological Environmental Monitoring Program
1	6/22/2026	6/26/2026	IP 71124.08	000732	Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation
1	6/22/2026	6/26/2026	IP 71151	000746	Performance Indicator Verification

PROBLEM IDENTIFICATION AND RESOLUTION 4

1	8/17/2026	8/21/2026	IP 71152B	000747	Problem Identification and Resolution
1	8/31/2026	9/4/2026	IP 71152B	000747	Problem Identification and Resolution

HARRIS INITIAL LICENSE EXAM 4

1	11/1/2026	11/7/2026	OV	000956	FB-OR-Onsite Validation Of Initial License Examination (OV)
1	12/6/2026	12/19/2026	EXAD	000500	FB-OR-Initial License Exam Administration (EXAD)

FORCE-ON-FORCE PLANNING AND EXERCISE WEEKS - HAR 4

1	2/1/2027	2/5/2027	IP 71130.03	000735	Contingency Response - Force-On-Force Testing
1	3/1/2027	3/5/2027	IP 71130.03	000735	Contingency Response - Force-On-Force Testing

UNIT 1 IN-SERVICE INSPECTION +SG 1

1	4/26/2027	5/7/2027	IP 71111.08P	000702	Inservice Inspection Activities (PWR)
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EMERGENCY PREPAREDNESS EXERCISE INSPECTION 5

1	4/26/2027	4/30/2027	IP 71114.01	000716	Exercise Evaluation
1	4/26/2027	4/30/2027	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes
1	4/26/2027	4/30/2027	IP 71151	001397	Performance Indicator Verification

SECURITY BASELINE INSPECTION - HAR 2

1	5/24/2027	5/27/2027	IP 71130.02	000734	Access Control
1	5/24/2027	5/27/2027	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance
1	5/24/2027	5/27/2027	IP 71130.09	001656	Security Plan Changes
1	5/24/2027	5/27/2027	IP 71151	001338	Performance Indicator Verification