



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

August 23, 2018

Ms. Tanya Hamilton
Site Vice President
Shearon Harris Nuclear Power Plant
M/C HNP01
New Hill, NC 27562-0165

SUBJECT: UPDATED INSPECTION PLAN FOR SHEARON HARRIS NUCLEAR POWER
PLANT – NRC REPORT 05000400/2018005

Dear Ms. Hamilton:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020 for Shearon Harris Nuclear Power Plant, Unit 1. 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.

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 404-997-4609 with any questions you have regarding this letter.

Sincerely,

/RA/

Steven D. Rose, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No.: 50-400
License No.: NPF-63

Enclosure:
Harris Inspection Activity Plan
(09/01/2018 – 06/30/2020)

cc: Distribution via ListServ

T. Hamilton

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PLANT – NRC REPORT 05000400/2018005 August 23, 2018

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Institute of Nuclear Power Operations (INPO)

ADAMS Accession No. ML18235A027

OFFICE	RII/DRP	RII/DRP			
NAME	JDodson	SRose			
DATE	8/17/2018	8/22/2018			

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

Harris

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
1	10/22/2018	10/26/2018	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
DUKE CORP AA/FFD/SGI SECURITY INSPECTION						2
1	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
1	11/05/2018	11/09/2018	IP 71130.06	000738	Protection of Safeguards Information	
1	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
RP PUBLIC RAD SAFETY BASELINE INSPECTION						2
1	12/10/2018	12/14/2018	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1	12/10/2018	12/14/2018	IP 71124.07	000731	Radiological Environmental Monitoring Program	
SECURITY BASELINE INSPECTION						1
1	01/07/2019	01/11/2019	IP 71130.01	000733	Access Authorization	
1	01/07/2019	01/11/2019	IP 71130.06	000738	Protection of Safeguards Information	
1	01/07/2019	01/11/2019	IP 71130.08	000740	Fitness For Duty Program	
DESIGN BASES ASSURANCE INSPECTION (PROGRAM)						3
1	02/04/2019	02/08/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	03/04/2019	03/08/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
1	03/18/2019	03/22/2019	IP 71111.21N	000714	Design Bases Assurance Inspection (Programs)	
EMERGENCY PREPAREDNESS EXERCISE						6
1	04/29/2019	05/03/2019	IP 71114.01	000716	Exercise Evaluation	
1	04/29/2019	05/03/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1	04/29/2019	05/03/2019	IP 71114.08	000723	Exercise Evaluation □ Scenario Review	
1	04/29/2019	05/03/2019	IP 71151	001397	Performance Indicator Verification	
HARRIS REQUAL INSPECTION						2
1	06/10/2019	06/14/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
TRIENNIAL HEAT SINK PERFORMANCE						1
1	06/17/2019	06/21/2019	IP 71111.07T	000700	Heat Sink Performance -Triennial	

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09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
SECURITY BASELINE INSPECTION						3
1	06/17/2019	06/21/2019	IP 71130.02	000734	Access Control	
1	06/17/2019	06/21/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1	06/17/2019	06/21/2019	IP 71130.07	000739	Security Training	
1	06/17/2019	06/21/2019	IP 71151	001338	Performance Indicator Verification	
PROBLEM IDENTIFICATION AND RESOLUTION						5
1	08/12/2019	08/16/2019	IP 71152B	000747	Problem Identification and Resolution	
1	08/26/2019	08/30/2019	IP 71152B	000747	Problem Identification and Resolution	
UNIT 1 IN-SERVICE INSPECTION						2
1	10/21/2019	10/25/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
UNIT 1 SG IN-SERVICE INSPECTION						1
1	10/21/2019	10/25/2019	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 1						3
1	10/21/2019	10/25/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	10/21/2019	10/25/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	10/21/2019	10/25/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	10/21/2019	10/25/2019	IP 71124.04	000729	Occupational Dose Assessment	
1	10/21/2019	10/25/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION – WEEK 2						3
1	11/18/2019	11/22/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1	11/18/2019	11/22/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1	11/18/2019	11/22/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1	11/18/2019	11/22/2019	IP 71124.04	000729	Occupational Dose Assessment	
1	11/18/2019	11/22/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
CYBER SECURITY						4
1	01/27/2020	01/31/2020	IP 71130.10P	000741	Cyber Security	
1	02/14/2020	02/14/2020	IP 71130.10P	000741	Cyber Security	
DESIGN BASES ASSURANCE INSPECTION						6
1	03/16/2020	03/20/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	

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DESIGN BASES ASSURANCE INSPECTION						6
1	03/30/2020	04/03/2020	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
TARGET SET						1
1	05/04/2020	05/08/2020	IP 71130.14	000743	Review of Power Reactor Target Sets	
SECURITY BASELINE INSPECTION						1
1	05/18/2020	05/22/2020	IP 71130.02	000734	Access Control	
1	05/18/2020	05/22/2020	IP 71151	001338	Performance Indicator Verification	