



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

July 10, 2014

Ernest J. Kapopoulos Jr.
Vice President
Shearon Harris Nuclear Power Plant
5413 Shearon Harris Road
New Hill, NC 27562-0165

**SUBJECT: HARRIS NUCLEAR PLANT - NOTIFICATION OF INSPECTION AND REQUEST
FOR INFORMATION**

Dear Mr. Kapopoulos:

During the week of August 18 – 22, 2014, the U.S. Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Harris Nuclear Plant (NRC Inspection Procedures 71124.01, 71124.06, 71124.07, and Radiation Safety sections of 71151). In order to minimize the impact to your onsite resources and to ensure a productive inspection, we have enclosed a request for documents needed for this activity. The NRC requests that these documents be provided to the inspectors no later than August 11, 2014.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Mike Wallace. If there are any questions about this inspection or the material requested, please contact the lead inspector, Adam Nielsen, at 404-997-4660, or the Plant Support Branch 1 Chief, Brian Bonser, at 404-997-4653.

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, and its Enclosure, will be available electronically for public inspection in the NRC Public Document Room, or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS), accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget under control numbers 3150-0008, 3150-0011, 3150-0014, 3150-0044, and 3150-0135. The NRC may not conduct or

sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

Sincerely,

/RA/

Brian Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

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

Enclosure:
Document Request List

cc: Distribution via Listserv

sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget control number.

Sincerely,

/RA/

Brian Bonser, Chief
Plant Support Branch 1
Division of Reactor Safety

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

Enclosure:
Document Request List

cc: Distribution via Listserv

DISTRIBUTION:

G. Hopper, RII, DRP
J. Dodson, RII, SR PE
D. Jackson, RII, PE
S. Herrick, RII, PE
J. Austin, RII, SRI
P. Lessard, RII, RI
S. Price, RII, EICS
L. Douglas, RII, EICS
RIDSNNRRDIRS
PUBLIC

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: ☒ Yes ACCESSION NUMBER: ML14191B144

☒ SUNSI REVIEW COMPLETE

☒ FORM 665 ATTACHED

OFFICE	RII:DRS/PSB1	RII:DRS/PSB1					
SIGNATURE	ADN	BRB1					
NAME	A. Nielsen	B. Bonser					
DATE	7/9/2014	7/10/2014					
E-MAIL COPY	YES NO	YES NO					

OFFICIAL RECORD COPY

Document Request List

Inspection Dates: August 18 – 22, 2014

Documents Due to Region II by: August 11, 2014

Inspection Procedures:	IP 71124.01	Radiological Hazard Assessment and Exposure Controls
	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment
	IP 71124.07	Radiological Environmental Monitoring Program
	IP 71151	Performance Indicator Verification

Lead Inspector: Adam Nielsen
Sr. Health Physicist
US NRC Region II
(404) 997-4660
Adam.Nielsen@nrc.gov

Note: The current version of these documents is expected unless specified otherwise. Electronic media is preferred if readily available. *[Note that the inspectors cannot accept data provided on USB or "flash" drives due to NRC IT security policies.]* Please organize the information as it is arranged below to the extent possible. Experience has shown that a poorly organized CD leads to a less efficient inspection and places additional burden on licensee staff. Pay particular attention to the date ranges for the items requested as they may change from item to item. If there are questions regarding the documents requested, or if the documents cannot be provided by the due date, please do not hesitate to contact the lead inspector.

Miscellaneous

1. List of primary contacts for each inspection area w/phone numbers
2. Corrective action program procedure

71124.01 - Radiological Hazard Assessment and Exposure Controls

1. Procedures related to health physics (HP) controls (e.g., Posting, labeling, surveys, Radiation Work Permits (RWPs), contamination control, high radiation areas/locked high radiation areas/very high radiation areas (HRA/LHRA/VHRA) control, key control, control of divers, special controls during fuel offload, hot spots, etc.)
2. Procedures related to release of personnel and materials (e.g., release surveys, decontamination, guidance for alarm followup, etc.)
3. List of Nationally Tracked Sources and any change-of-ownership transactions
4. Most recent sealed source inventory record
5. List of all non-fuel items stored in spent fuel pool
6. Most recent self-assessment or audit covering HP controls
7. List of NCRs related to HP controls (e.g., radworker error, HP technician error, posting issues, HRA/LHRA/VHRA issues, survey problems, etc.) issued since December 1, 2013.
[This should be a list of corrective action documents containing an AR number and brief description, not full nonconformance reports (NCRs).]

Enclosure

71124.06 - Radioactive Gaseous and Liquid Effluent Treatment

1. Offsite Dose Calculation Manual (ODCM) and a list of changes made in the last revision
2. List of permitted effluent release points, including any release points from onsite surface water bodies (as applicable)
3. Procedures for:
 - (a) collection, analysis, release, and dose evaluations for gaseous and liquid effluents
 - (b) groundwater monitoring program
4. List of changes made to radioactive effluent processing/discharge systems since July 1, 2013
5. List of any non-radioactive systems that have become contaminated since July 1, 2013
6. Copies of any reports to the NRC (via 10 CFR 50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material since July 1, 2013.
7. List of 10 CFR 50.75(g) entries made since July 1, 2013
8. List of liquid and gaseous effluent monitors listed as out-of-service (OOS) for > 1 day since July 1, 2013, including any special reports submitted to the NRC as a result of effluent monitor operability
9. Most recent inter-laboratory comparison program results (for onsite count lab)
10. Results of the last two surveillance tests performed on the reactor auxiliary building exhaust HEPA/charcoal filtration system (Reactor Auxiliary Building (RAB) Normal Ventilation System).
11. The last two gaseous effluent release permits and the last two liquid effluent release permits
12. Recent results of the groundwater monitoring program (last two quarters)
13. Most recent audit, self-assessment, and/or review of the radioactive effluent monitoring program
14. List of NCRs generated since July 1, 2013, as a result of gaseous and liquid effluent processing and/or ODCM related activities. Include all NCRs related to voluntary reporting of onsite spills/leaks of radioactive material. *[This should be a list of corrective action documents containing an AR number and brief description, not full NCRs.]*

71124.07 - Radiological Environmental Monitoring Program

1. Collection schedule for Radiological Environmental Monitoring Program (REMP) samples during the week of inspection and contact numbers for collection staff.
2. Procedures for:
 - (a) collection and analysis of environmental samples
 - (b) calibration and maintenance of REMP air and/or water samplers
 - (c) calibration of meteorological monitoring instruments (wind speed and direction, air temperature, etc.)
 - (d) periodic meteorological instrumentation surveillance requirements
3. The last calibration record for REMP air and water sampling equipment (as applicable)
4. The last calibration record for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature)
5. Most recent inter-laboratory comparison program results (environmental lab)
6. List of systems, structures, or components (SSCs), identified as credible mechanisms for the potential release of licensed material to the groundwater
7. List of changes to the REMP (sample locations, sample frequency, type of samples, etc.) since July 1, 2013
8. Most recent audit, self-assessment, and/or review of REMP activities
9. Most recent audit of lab used to process REMP samples
10. List of NCRs generated as a result of REMP activities since July 1, 2013. *[This should be a list of corrective action documents containing an AR number and brief description, not full NCRs.]*

71151 – Performance Indicator Verification (Occupational and Public Cornerstones)

1. Procedure for gathering and reporting NRC performance indicator (PI) data
2. List of electronic dosimeter (ED) alarms (dose and dose rate) since December 1, 2013
3. All NCRs associated with PI hits since July 1, 2013

LIST OF ACRONYMS

ED	Electronic Dosimeter
HP	Health Physics
HRA	High Radiation Areas
LHRA	Locked High Radiation Area
NCRs	Nonconformance Reports
ODCM	Offsite Dose Calculation Manual
OOS	Out of Service
PIs	Performance Indicators
RAB	Reactor Auxiliary Building
REMP	Radiological Environmental Monitor Programs
RWP	Radiation Work Permit
SSCs	Systems, Structures, or Components
VHRA	Very High Radiation Areas

Inspector Contact Information

Mr. Adam Nielsen
 404-997-4660
adam.nielsen@nrc.gov

Mailing Address

U.S. Nuclear Regulatory Commission
 Region II
 Attention: Mr. Adam Nielsen
 245 Peachtree Center Ave., N.E.
 Suite 1200
 Atlanta, GA 30303