



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

April 29, 2013

Mr. George T. Hamrick  
Vice President  
Shearon Harris Nuclear Power Plant  
Carolina Power and Light Company  
P.O. Box 165, Mail Code: Zone 1  
New Hill, NC 27562-0165

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

Dear Mr. Hamrick:

During the week of June 17-21, 2013, the Nuclear Regulatory Commission (NRC) will perform a baseline Radiation Safety Inspection at the Harris Nuclear Plant (NRC Inspection Procedures 71124.06, 71124.07, and Radiation Safety Sections of 71151). In order to minimize the impact to your on-site 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 June 3, 2013.

We have discussed the schedule for these inspection activities with your staff and understand that our regulatory contact for this inspection will be Michael Wallace of your organization. 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 Branch Chief of Plant Support Branch, Brian Bonser, at (404) 997-4653.

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.

In accordance with 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). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

***/RA/***

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

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

Enclosure:  
Pre- Inspection Document Request List

Room or from the Publicly Available Records component of NRC's Agencywide Documents Access and Management System (ADAMS). ADAMS is accessible from the NRC web site at <http://www.nrc.gov/reading-rm/adams.html>.

Sincerely,

/RA/

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

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

Enclosure:  
Pre- Inspection Document Request List

cc: (See page 3)

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SIGNATURE	RA	RA					
NAME	ANielsen	BBonser					
DATE	4/29/2013	4/29/2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013	5/ /2013
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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U.S. NRC  
5421 Shearon Harris Rd  
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### **Pre- Inspection Document Request List**

Inspection Dates: June 17-21, 2013

Documents Due to Region II by: June 3, 2013

Inspection Procedures:	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, 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
3. Most recent 10 CFR 61 results for the DAW waste stream
4. Procedure for gathering and reporting NRC PI data

#### **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 August 2011
5. List of any non-radioactive systems that have become contaminated since August 2011
6. List of any unmonitored, unplanned, or otherwise abnormal gaseous or liquid releases since August 2011. Include copies of any reports to the NRC (via 10CFR50.72 or other reporting requirements) regarding abnormal onsite spills/leaks of radioactive material
7. List of 10 CFR 50.75(g) entries made since August 2011

Enclosure

8. List of liquid and gaseous effluent monitors listed as out-of-service (OOS) for > 1 day since August 2011, including any special reports submitted to the NRC as a result of effluent monitor operability
9. Inter-laboratory comparison program results (for onsite count lab) since August 2011
10. Results of the last 2 surveillance tests performed on the HEPA/Charcoal filter train components of the Containment Building Airborne Radioactivity Removal System.
11. The last 2 gaseous effluent release permits and the last 2 liquid effluent release permits
12. 2013 year-to-date results of the groundwater monitoring program
13. All audits, self-assessments, and/or reviews of the radioactive effluent monitoring program since August 2011.
14. List of NCRs generated since August 2011, 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 (REMP)

1. Collection schedule for 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 & direction, air temperature, etc.)
  - d) periodic meteorological instrumentation surveillance requirements
3. Calibration records for REMP air and water sampling equipment (as applicable) since August 2011
4. Last 2 calibration records for each meteorological monitoring instrument on the primary tower (wind speed, wind direction, and air temperature)
5. Inter-laboratory comparison program results (environmental lab) since August 2011
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 August 2011
8. All audits, self-assessments, and/or reviews of REMP activities since August 2011. The data should include any reviews conducted of vendor activities and their facilities (e.g. environmental lab)
9. List of NCRs generated as a result of REMP activities since August 2011. *This should be a list of corrective action documents containing an AR number and brief description, not full NCRs*