



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

September 26, 2011

Mr. William Jefferson, Jr., Vice President
Carolina Power & Light Company
Shearon Harris Nuclear Plant
5413 Shearon Harris Road
New Hill, NC 27562

**SUBJECT: SHEARON HARRIS NUCLEAR PLANT INSPECTION AND REQUEST FOR
INFORMATION**

Dear Mr. Jefferson:

During the period of November 28, 2011, to December 2, 2011, the NRC will conduct baseline emergency preparedness inspection activities at the Shearon Harris Nuclear Plant. The inspection will evaluate activities in the Emergency Preparedness cornerstone using NRC Inspection Procedures (IP) 71114.01 and 71114.04. The inspection will also review the emergency preparedness performance indicators using IP 71151.

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 inspection. It is important that all of these documents are up to date and complete, thereby minimizing the number of additional documents requested during the preparation and/or the onsite portions of the inspection. The inspector has requested that the subject informational material be made available to the NRC staff upon arrival on November 28, 2011.

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 of your organization. If there are any questions about this inspection or the material requested, please contact the lead inspector, Mark Speck at (404) 997-4759.

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 (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).

Sincerely,

/RA/

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

Docket Nos.: 50-400
License Nos.: NPF-63

Enclosure:
Emergency Preparedness Inspection Document List

cc: (See page 2)

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cc: (See page 2)

Distribution w/encl:

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RidsNrrPMShearonHarris Resource

X PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

X NON-SENSITIVE

ADAMS: X Yes

ACCESSION NUMBER: **ML112700879**

X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII: DRS/PSB1	RII: DRS/PSB1					
SIGNATURE	RA/ BB For MS	RA/BB					
NAME	M. SPECK	B. BONSER					
DATE	09/26/2011	09/26/2011					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRS\PSB1\EMERGENCY PREPAREDNESS\HARRIS\INSPECTION PLAN AND INPUT\FY2011\HARRIS 2011\INFO REQ LETTER REV1.DOCX

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Senior Resident Inspector
U.S. Nuclear Regulatory Commission
Shearon Harris Nuclear Power Plant
U.S. NRC
5421 Shearon Harris Rd
New Hill, NC 27562-9998

Document Request List

Inspection Dates:	Harris:	November 28, – December 2, 2011
Inspection Procedures:	IP 71114.01	Exercise Evaluation
	IP 71114.04	Emergency Action Level and Emergency Plan Changes
	IP 71151	Performance Indicator Verification

Note: This is a list of the documents to be delivered to the NRC Region II Office (Attention: Mark Speck, 245 Peachtree Center Avenue, NE, Suite 1200, Atlanta, GA 30303-1257) and/or provided to the Team Lead Inspector upon arrival for the respective inspections. The current version of these documents is expected unless specified otherwise. Electronic media is preferred, if readily available (the preferred file format is Word or searchable “.pdf” files on CDROM or “thumb” drive). Please organize the information as it is arranged below (e.g. a folder labeled “Miscellaneous”). It is not the intent that large or burdensome data be scanned for this purpose. This data will be inspected using original documentation. If there are questions regarding the documents requested, please do not hesitate to contact the lead inspector.

EP1 Exercise Evaluation

- ☐ Drill and exercise related procedures
- ☐ Core damage assessment procedure
- ☐ Dose assessment procedure
- ☐ Special/emergency exposure procedure
- ☐ Potassium Iodide distribution procedure
- ☐ Assembly/accountability procedure
- ☐ Emergency Facility Activation procedures
- ☐ Previous two exercise packages: scenario timeline drill reports or assessment, and respective Final Federal Emergency Management Agency (FEMA) / Department of Homeland Security (DHS) exercise reports
- ☐ All drill reports within inspection period
- ☐ Current exercise package: scenario timeline, expected Drill and Exercise Performance opportunities, exercise objectives, radiological assumptions and distributions, and scope of play and participation
- ☐ Corrective action program entries related to the exercises and drills for the two year inspection period

EP4 Emergency Action Level (EAL) and Emergency Plan Changes

- ☐ Governing document for 10 CFR 50.54(q) evaluation process
- ☐ 10 CFR 50.54(q) evaluator training program and qualification records
- ☐ Changed procedure 10 CFR 50.54(q) evaluation
- ☐ Changed procedure current and previous revisions to last inspection
- ☐ Corrective action program entries related to Emergency Action Level and Emergency Plan changes for the two year inspection period

Enclosure

EP01/EP02/EP03 Performance Indicators (PI) Verification

- ❑ Governing document for the performance indicator process
- ❑ Drill and Exercise Performance (DEP), Emergency Response Organization (ERO), and Alert and Notification System (ANS) PI data submitted for the two year inspection period
- ❑ DEP documentation and evaluations for the two year inspection period
- ❑ Current ERO roster
- ❑ Corrective action program entries related to performance indicators, that is DEP, ERO training and participation, and ANS for the two year inspection period

Miscellaneous Procedures

- ❑ Current Emergency Plan
- ❑ Safety Evaluation Report approved Emergency Plan
- ❑ Current Emergency Action Levels
- ❑ Safety Evaluation Report approved Emergency Action Levels
- ❑ Current Emergency Plan implementing procedures
- ❑ Corrective Action Program procedure

Lead Inspector Contact Information:

Mark E. Speck
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mark.speck@nrc.gov