



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

September 3, 2013

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

**SUBJECT: MID CYCLE ASSESSMENT LETTER FOR SHEARON HARRIS NUCLEAR
POWER PLANT (NRC INSPECTION REPORT 05000400/2013006)**

Dear Mr. Kapopoulos:

On August 14, 2013, the NRC staff completed its mid-cycle performance review of the Shearon Harris Nuclear Power Plant, Unit 1. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2012, through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined the performance at Shearon Harris Nuclear Power Plant, Unit 1 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

Plant performance for the first three quarters of the assessment period was within the Regulatory Response column of the NRC's ROP Action Matrix based on one inspection finding being classified as having low-to-moderate safety significance (i.e., White) and all PIs indicated that your performance was within the nominal, expected range (i.e., Green). The White finding involved the failure to adequately maintain the ventilation system equipment of the Emergency Operations Facility for protracted periods of time. This White finding was closed on March 22, 2013, as documented in our letter to you dated April 23, 2013 [ML13114A069]. Unit 1 returned to the Licensee Response Column of the ROP Action Matrix in the second quarter of 2013.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end of cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

E. Kapopoulos

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We also plan on conducting: two non ROP baseline inspections; Initial Operator Licensing Examinations; and 2515/TI-182, Review of Implementation of the Industry Initiative to Control Degradation of Underground Piping, Phase 2.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made 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).

Please contact George Hopper at 404-997-4645 with any questions you may have regarding this letter.

Sincerely,

/William Jones RA for/

Richard P. Croteau, Director
Division of Reactor Projects

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

Enclosure: Harris Inspection/Activity Plan
(09/01/2013 – 12/31/2014)

cc: Distribution via Listserv

E. Kapopoulos

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X PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE X NON-SENSITIVE
ADAMS: X Yes ACCESSION NUMBER: ML13246A066 X SUNSI REVIEW COMPLETE X FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP				
SIGNATURE	JSD /RA/	GTH /RA/	WJB /RA for/				
NAME	JDodson	GHopper	RCroteau				
DATE	08/23/2013	09/03/2013	09/03/2013				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2013\MID-CYCLE\INPUT\RPB4\MID-CYCLE LETTERS - FINAL\HAR 2013 MC LETTER R0.DOCX

E. Kapopoulos

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Letter to Ernie Kapopoulos from Richard P. Croteau dated September 3, 2013

SUBJECT: MID CYCLE ASSESSMENT LETTER FOR SHEARON HARRIS NUCLEAR
POWER PLANT (NRC INSPECTION REPORT 05000400/2013006)

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Institute of Nuclear Power Operations (INPO)

ROP Reports

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
1	09/09/2013 09/11/2013	TI-182	- TI-182 BURIED PIPING/TANK - PHASE 2	1
		IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
1	09/09/2013 09/13/2013	OL EXAM	- INITIAL EXAM WEEK 1	3
		V23403	HARRIS/SEPTEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
1	09/16/2013 09/20/2013	OL EXAM	- INITIAL EXAM WEEK 2	3
		V23403	HARRIS/SEPTEMBER 2013 INITIAL EXAM AT POWER FACILITIES	
1	11/18/2013 11/22/2013	RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	2
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	11/18/2013 11/22/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	11/18/2013 11/22/2013	IP 71151	Performance Indicator Verification	
1	04/21/2014 04/25/2014	TFPI	- TRIENNIAL FIRE PROTECTION INSP	4
		IP 7111105x	Fire Protection - NFPA 805 (Triennial)	
1	05/05/2014 05/09/2014	IP 7111105x	Fire Protection - NFPA 805 (Triennial)	
1	04/21/2014 04/25/2014	EP	- EP PROGRAM INSPECTION	1
		IP 7111402	Alert and Notification System Testing	
1	04/21/2014 04/25/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
1	04/21/2014 04/25/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1	04/21/2014 04/25/2014	IP 71151	Performance Indicator Verification	
1	06/02/2014 06/06/2014	CDBI	- COMPONENT DESIGN BASES INSPECTION	6
		IP 7111121	Component Design Bases Inspection	
1	06/23/2014 06/27/2014	IP 7111121	Component Design Bases Inspection	
1	07/07/2014 07/11/2014	IP 7111121	Component Design Bases Inspection	
1	07/21/2014 07/25/2014	IP 7111121	Component Design Bases Inspection	
1	08/18/2014 08/22/2014	RP	- RP PUBLIC RADIATION SAFETY BASELINE	4
		IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1	08/18/2014 08/22/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1	08/18/2014 08/22/2014	IP 71124.07	Radiological Environmental Monitoring Program	
1	08/18/2014 08/22/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
1	08/18/2014 08/22/2014	IP 71151	Performance Indicator Verification	

Comments:

This report does not include INPO and OUTAGE activities.
This report shows only on-site and announced inspection procedures.