



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
REGION II  
SAM NUNN ATLANTA FEDERAL CENTER  
61 FORSYTH STREET SW SUITE 23T85  
ATLANTA, GEORGIA 30303-8931**

November 27, 2000

Carolina Power & Light Company  
ATTN: Mr. James Scarola  
Vice President - Harris Plant  
Shearon Harris Nuclear Power Plant  
P. O. Box 165, Mail Code: Zone 1  
New Hill, NC 27562-0165

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - SHEARON  
HARRIS NUCLEAR POWER PLANT**

On November 7, 2000, the NRC staff completed its mid-cycle plant performance assessment of Harris. The mid-cycle review for Harris involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period of October 1, 1999 through September 30, 2000. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility so that you will have an opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

Plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix, based on a white performance indicator (High Pressure Injection System Unavailability) in the mitigating systems cornerstone. An NRC inspection finding was also identified related to this charging/safety injection pump issue which we are still evaluating utilizing the Significance Determination Process (SDP). Because the SDP characterization pertains to the same underlying issue as the performance indicator, the NRC considers this to be a single issue within a cornerstone. We are planning supplemental inspection for this issue in addition to the baseline inspection at your facility through September 30, 2001. You will be notified of our plans for supplemental inspection for this issue via separate correspondence. In addition, we are still evaluating the significance of a fire protection finding utilizing the SDP. Additional supplemental inspection may be warranted if we determine that the fire protection finding is of greater than very low safety significance (Green), and we will notify you via separate correspondence of any resulting changes to our inspection plan.

The enclosure details the scheduled inspections that will occur through September 30, 2001. The inspection plan is provided to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The last six months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

In accordance with 10 CFR 2.790 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/NRC/ADAMS/index.html> (the Public Electronic Reading Room).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact Brian Bonser at (404)562-4560 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Loren R. Plisco, Director  
Division of Reactor Projects

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

Enclosure: Harris Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encl:

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Distribution w/encl: (See page 4)

CP&L

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**Harris**  
**Inspection / Activity Plan**  
**12/04/2000 - 09/30/2001**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
1	V23141	HARRIS/INITIAL EXAMS AT POWER FACILITIES		12/11/2000	12/15/2000	Not Applicable
	<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>			
1	IP 7111111B	Licensed Operator Requalification		01/08/2001	01/12/2001	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		02/20/2001	02/23/2001	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		02/20/2001	02/23/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		02/20/2001	02/23/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112103	Radiation Monitoring Instrumentation		03/05/2001	03/09/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/05/2001	03/09/2001	Baseline Inspections
	<b>OL EP - EMERGENCY PREPAREDNESS</b>		<b>2</b>			
1	IP 7111401	Exercise Evaluation		04/23/2001	04/27/2001	Baseline Inspections
	<b>MB 50.59 - 50.59</b>		<b>1</b>			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		05/07/2001	05/11/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		05/21/2001	05/25/2001	Baseline Inspections
	<b>PS-SEC - SECURITY</b>		<b>1</b>			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		06/04/2001	06/08/2001	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizat		06/04/2001	06/08/2001	Baseline Inspections
1	IP 71151	Performance Indicator Verification		06/04/2001	06/08/2001	Baseline Inspections
	<b>MB MR - MAINT RULE</b>		<b>1</b>			
1	IP 711112B	Maintenance Rule Implementation		06/11/2001	06/15/2001	Baseline Inspections
	<b>EB-PI&amp;R - PI&amp;R PRE-INSPECTION VISIT</b>		<b>1</b>			
1	IP 71152	Identification and Resolution of Problems		07/02/2001	07/06/2001	Baseline Inspections
	<b>EB-PI&amp;R - PI&amp;R</b>		<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		07/09/2001	07/13/2001	Baseline Inspections
	<b>EB-PI&amp;R - PI&amp;R</b>		<b>3</b>			
1	IP 71152	Identification and Resolution of Problems		07/23/2001	07/27/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112202	Radioactive Material Processing and Transportation		08/06/2001	08/10/2001	Baseline Inspections
	<b>MB HS - HEAT SINK</b>		<b>1</b>			
1	IP 7111107B	Heat Sink Performance		08/20/2001	08/24/2001	Baseline Inspections
	<b>PS-RP - RADIATION PROTECTION</b>		<b>1</b>			
1	IP 7112103	Radiation Monitoring Instrumentation		09/10/2001	09/14/2001	Baseline Inspections

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