



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

March 4, 2002

Carolina Power and 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: ANNUAL ASSESSMENT LETTER - SHEARON HARRIS NUCLEAR POWER PLANT (NRC INSPECTION REPORT 50-400/02-01)

Dear Mr. Scarola:

On February 5, 2002, the NRC staff completed its end-of-cycle plant performance assessment of the Shearon Harris Nuclear Power Plant. The end-of-cycle review for Harris involved the participation of all technical divisions in evaluating performance indicators (PIs) and inspection results for the period from April 1 through December 31, 2001. 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. This will provide you with the opportunity to prepare for these inspections and to inform us of any planned inspections which may conflict with your plant activities.

As discussed in our previous annual assessment letter dated May 31, 2001, this inspection and assessment cycle consisted of three quarters (i.e. the second, third, and fourth calendar quarters of Calendar Year 2001) instead of the usual four quarters. This change was implemented in order to align the inspection and assessment cycle with the calendar year beginning on January 1, 2002.

Overall, Harris operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix. For the first two quarters of the assessment cycle plant performance was within the Regulatory Response Column of the Action Matrix. This was based on a White inspection finding (Inoperable charging/safety injection pump) and a White PI (High Pressure Injection System Unavailability) identified during the previous cycle. The inspection finding and the PI pertained to the same underlying issue. This issue, which the NRC considered to be a single issue in the mitigating systems cornerstone, was closed.

As you are aware, the following issues are still under review as part of the Significance Determination Process and supplemental inspection may be warranted if these issues are determined to be of greater than very low safety significance (Green):

- Unresolved Item (URI) 50-400/99-13-03 (Adequacy of Hemyc/MT cable wrap fire barrier qualification)

- Apparent Violation (AV) 50-400/00-09-02 (Failure to obtain NRC approval prior to implementing a change to the approved fire protection program)
- AV 50-400/00-09-01 (Failure to maintain the fire area separation barrier between the B train switchgear room/auxiliary control panel room and the A train cable spreading room as a 3-hour rated barrier)
- URI 50-400/01-05-02 (Foreign material in A RHR containment sump suction piping)
- URI 50-400/01-05-03 (Failure to properly terminate a lug in the control circuit of motor-operated valve 1RH-39)

The enclosed inspection plan details the inspections scheduled through March 31, 2003. 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 on site. Routine resident inspections are not listed due to their on-going and continuous nature. The last six months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

With respect to the terrorist attacks on the World Trade Center and the Pentagon, immediately following the attacks, the NRC issued safeguards advisories recommending that nuclear power plant licensees go to the highest level of security, and all promptly did so. With continued uncertainty about the possibility of additional terrorist activities, the Nation's nuclear power plants, including Harris remain at a high level of security. On February 25, 2002, the NRC issued an Order to all nuclear power plant licensees, requiring them to take certain additional interim compensatory measures to address the generalized high-level threat environment. These additional compensatory requirements will provide the NRC with reasonable assurance that public health and safety and the common defense and security continue to be adequately protected in the current generalized high-level threat environment. These requirements will remain in effect pending notification from the Commission that a significant change in the threat environment occurs, or until the Commission determines that other changes are needed following a more comprehensive re-evaluation of current safeguards and security programs. To date, we have monitored the Carolina Power and Light Company's actions in response to the terrorist attacks through a series of audits. With the issuance of the Order, in addition to the inspections described in the enclosed plan, we will evaluate Harris' compliance with these interim requirements.

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/reading-rm/adams.html> (the Public Electronic Reading Room).

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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 4)

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cc w/encl:

Terry C. Morton, Manager
Performance Evaluation and
Regulatory Affairs CPB 9
Carolina Power & Light Company
Electronic Mail Distribution

Chris L. Burton
Director of Site Operations
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

Robert J. Duncan II
Plant General Manager--Harris Plant
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

Richard J. Field, Manager
Regulatory Affairs
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

John R. Caves, Supervisor
Licensing/Regulatory Programs
Carolina Power & Light Company
Shearon Harris Nuclear Power Plant
Electronic Mail Distribution

William D. Johnson
Vice President & Corporate Secretary
Carolina Power & Light Company
Electronic Mail Distribution

John H. O'Neill, Jr.
Shaw, Pittman, Potts & Trowbridge
2300 N. Street, NW
Washington, DC 20037-1128

Mel Fry, Director
Division of Radiation Protection
N. C. Department of Environmental
Commerce & Natural Resources
Electronic Mail Distribution

Peggy Force
Assistant Attorney General
State of North Carolina
Electronic Mail Distribution

Public Service Commission
State of South Carolina
P. O. Box 11649
Columbia, SC 29211

Chairman of the North Carolina
Utilities Commission
P. O. Box 29510
Raleigh, NC 27626-0510

Robert P. Gruber
Executive Director
Public Staff NCUC
P. O. Box 29520
Raleigh, NC 27626

Linda Coleman, Chairman
Board of County Commissioners
of Wake County
P. O. Box 550
Raleigh, NC 27602

Gary Phillips, Chairman
Board of County Commissioners
of Chatham County
Electronic Mail Distribution

Harris
Inspection / Activity Plan
03/04/2002 - 03/31/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1-SSDI - SSDI - INSPECTION		6			
1	IP 7111121	Safety System Design and Performance Capability		03/11/2002	03/15/2002	Baseline Inspections
	OL EP - EMERGENCY PLANNING INSPECTION		2			
1	IP 7111403	Emergency Response Organization Augmentation Testing		04/29/2002	05/02/2002	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/29/2002	05/02/2002	Baseline Inspections
1	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/29/2002	05/02/2002	Baseline Inspections
1	IP 711151	Performance Indicator Verification		04/29/2002	05/02/2002	Baseline Inspections
1	IP 7111402	Alert and Notification System Testing		04/29/2002	05/03/2002	Baseline Inspections
	EB MODS/ - MODIFICATIONS/10CFR50.59		3			
1	IP 7111102	Evaluation of Changes, Tests, or Experiments		06/23/2002	06/28/2002	Baseline Inspections
1	IP 7111117B	Permanent Plant Modifications		06/23/2002	06/28/2002	Baseline Inspections
	PS-RP - RADIATION PROTECTION-@ CORP ENV. LAB		1			
1	IP 7112203	Radiological Environmental Monitoring Program		06/19/2002	06/20/2002	Baseline Inspections
	PS-RP - RADIATION PROTECTION		3			
1	IP 7112101	Access Control to Radiologically Significant Areas		07/08/2002	07/12/2002	Baseline Inspections
1	IP 7112103	Radiation Monitoring Instrumentation		07/08/2002	07/12/2002	Baseline Inspections
1	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/08/2002	07/12/2002	Baseline Inspections
1	IP 7112203	Radiological Environmental Monitoring Program		07/08/2002	07/12/2002	Baseline Inspections
1	IP 711151	Performance Indicator Verification		07/08/2002	07/12/2002	Baseline Inspections
	EB2-MR - MAINTENANCE RULE		1			
1	IP 7111112B	Maintenance Rule Implementation		08/12/2002	08/16/2002	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		3			
1	V23182	HARRIS/EXAMS AT POWER FACILITIES		08/12/2002	08/16/2002	Not Applicable
	OL EXAM - INITIAL EXAM		3			
1	V23182	HARRIS/EXAMS AT POWER FACILITIES		08/26/2002	08/30/2002	Not Applicable
	EB1-FP - FIRE PROTECTION - PRE-INSPECTION VISIT		3			
1	IP 7111105T	Fire Protection		09/30/2002	10/04/2002	Baseline Inspections
	EB1-FP - FIRE PROTECTION - INSPECTION		4			
1	IP 7111105T	Fire Protection		10/21/2002	10/25/2002	Baseline Inspections
	EB1-FP - FIRE PROTECTION - INSPECTION		4			
1	IP 7111105T	Fire Protection		11/04/2002	11/08/2002	Baseline Inspections
	PS-SEC - SECURITY		1			
1	IP 7113001	Access Authorization Program (Behavior Observation Only)		11/18/2002	11/22/2002	Baseline Inspections
1	IP 7113002	Access Control (Search of Personnel, Packages, and Vehicles: Identification and Authorizator		11/18/2002	11/22/2002	Baseline Inspections

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

Harris
Inspection / Activity Plan
03/04/2002 - 03/31/2003

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	PS-SEC - SECURITY		1			
1	IP 71151	Performance Indicator Verification		11/18/2002	11/22/2002	Baseline Inspections
	PS-SEC - SECURITY		1			
1	IP 7113003	Response to Contingency Events (Protective Strategy and Implementation of Protective Strategy)		01/13/2003	01/17/2003	Baseline Inspections
	OL EP - EMERGENCY EXERCISE		2			
1	IP 7111401	Exercise Evaluation		03/03/2003	03/07/2003	Baseline Inspections
1	IP 7111404	Emergency Action Level and Emergency Plan Changes		03/03/2003	03/07/2003	Baseline Inspections
1	IP 71151	Performance Indicator Verification		03/03/2003	03/07/2003	Baseline Inspections

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