



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

August 30, 2004

Carolina Power and Light Company  
ATTN: Mr. John W. Moyer  
Vice President  
H. B. Robinson Steam Electric  
Plant, Unit 2  
3851 West Entrance Road  
Hartsville, SC 29550

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN - H. B.  
ROBINSON STEAM ELECTRIC PLANT**

Dear Mr. Moyer:

On August 4, 2004, the NRC staff completed its mid-cycle plant performance assessment of the H. B. Robinson Steam Electric Plant. The mid-cycle review for Robinson involved the participation of all technical divisions in evaluating performance for the first half of the calendar year 2004 assessment cycle. The process included a review of performance indicators (PIs) for the most recent quarter and inspection results over the previous twelve months. 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 allow you an opportunity to prepare for these inspections and to inform us of any planned inspections that may conflict with your plant activities. This performance review and the enclosed inspection plan do not include physical protection information. A separate mid-cycle performance review letter, designated and marked as "Proprietary Information in accordance with 10 CFR 2.390(d)(1)", will include the physical protection review and a resultant inspection plan.

Plant performance for the most recent quarter was within the Licensee Response Column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct only baseline inspections at your facility through March 31, 2006. We also plan on conducting several inspections which are not part of the routine baseline inspection program. These inspections include a review of the reactor vessel upper head replacement project, construction and operations inspections of the two independent spent fuel storage installations, and a review of your activities in response to Generic Letter 89-13, "Service Water System Problems Affecting Safety-Related Equipment."

In addition, on April 7, 2004, the NRC issued a Notice of Violation and Proposed Imposition of Civil Penalty - \$88,000, to Carolina Power and Light Company (CP&L), in accordance with the "General Statement of Policy and Procedures for NRC Enforcement Actions," (Enforcement Policy), NUREG-1600. This Severity Level II violation involved employment discrimination contrary to the requirements of 10 CFR 50.7, "Employee Protection,". CP&L discriminated

against a corporate site access authorization superintendent, when the individual was terminated from his employment on April 26, 1999, for engaging in a protected activity. CP&L had previously provided corrective action on this matter in a letter dated March 19, 2004, and on April 29, 2004, paid the civil penalty.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through March 31, 2006. 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 inspections in the last twelve months of the inspection plan are tentative and may be revised at the end-of-cycle review meeting.

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).

If circumstances arise which cause us to change the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4530 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

*/RA/*

Paul E. Fredrickson, Chief  
Reactor Projects Branch 4  
Division of Reactor Projects

Docket No. 50-261, Docket No. 72-3  
Licensee No. DPR-23, License No. SNM-2502

Enclosure: Robinson Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encls:

William C. Noll  
Director, Site Operations  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Daniel G. Stoddard  
Plant General Manager  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Chris L. Burton, Manager  
Performance Evaluation and  
Regulatory Affairs CPB 9  
Electronic Mail Distribution

C. T. Baucom, Supervisor  
Licensing/Regulatory Programs  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

J. F. Lucas, Manager  
Support Services - Nuclear  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Henry J. Porter, Director  
Div. of Radioactive Waste Mgmt.  
Dept. of Health and Environmental  
Control  
Electronic Mail Distribution

R. Mike Gandy  
Division of Radioactive Waste Mgmt.  
S. C. Department of Health and  
Environmental Control  
Electronic Mail Distribution

Beverly Hall, Acting Director  
Division of Radiation Protection  
N. C. Department of Environment,  
Health and Natural Resources  
Electronic Mail Distribution

Steven R. Carr  
Associate General Counsel - Legal Dept.  
Progress Energy Service Company, LLC  
Electronic Mail Distribution

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

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

Chairman of the North Carolina  
Utilities Commission  
c/o Sam Watson, Staff Attorney  
Electronic Mail Distribution

Robert P. Gruber  
Executive Director  
Public Staff - NCUC  
4326 Mail Service Center  
Raleigh, NC 27699-4326

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

Institute of Nuclear Power Operations  
700 Galleria Parkway SE  
Atlanta, GA 30339-5943

**Robinson**  
**Inspection / Activity Plan**  
**09/01/2004 - 03/31/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>EB1-TFP - FIRE PROTECTION-TRIENNIAL</b>		<b>4</b>			
2	IP 7111105T	Fire Protection		08/30/2004	09/03/2004	Baseline Inspections
	<b>OL EXAM - INITIAL EXAM</b>		<b>3</b>			
2	V23218	ROBINSON/EXAMS AT POWER FACILITIES		08/30/2004	09/03/2004	Not Applicable
	<b>EB2ISFSI - ISFSI CONSTRUCTION / OPERATION</b>		<b>3</b>			
2	IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI		10/04/2004	10/08/2004	Other Routine
2	IP 60855	Operation Of An ISFSI		10/04/2004	10/08/2004	Other Routine
	<b>PB4-PI&amp;R - PROBLEM IDENTIFICATION &amp; RESOLUTION</b>		<b>3</b>			
2	IP 71152B	Identification and Resolution of Problems		10/04/2004	10/08/2004	Baseline Inspections
	<b>PB4-PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>3</b>			
2	IP 71152B	Identification and Resolution of Problems		10/18/2004	10/22/2004	Baseline Inspections
	<b>EB2TI159 - REVIEW OF GENERIC LETTER 89-13</b>		<b>4</b>			
2	IP 2515/159	Review of Generic Letter 89-13: Service Water System Problems Affecting Safety-Related E		10/24/2004	10/28/2004	Safety Issues
	<b>OL EP - EP INSPECTION</b>		<b>1</b>			
2	IP 7111402	Alert and Notification System Testing		12/13/2004	12/17/2004	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		12/13/2004	12/17/2004	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/13/2004	12/17/2004	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		12/13/2004	12/17/2004	Baseline Inspections
2	IP 71151	Performance Indicator Verification		12/13/2004	12/17/2004	Baseline Inspections
	<b>EB1SSDPC - SSDPC PRE-INSPECTION VISIT</b>		<b>2</b>			
2	IP 7111121	Safety System Design and Performance Capability		01/17/2005	01/21/2005	Baseline Inspections
	<b>PS-RP - RP PUBLIC AND ISFSI</b>		<b>3</b>			
2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		01/31/2005	02/04/2005	Other Routine
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/31/2005	02/04/2005	Baseline Inspections
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/31/2005	02/04/2005	Baseline Inspections
2	IP 7112203	Radiological Environmental Monitoring Program		01/31/2005	02/04/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		01/31/2005	02/04/2005	Baseline Inspections
	<b>OL RQ - REQUAL INSPECTION</b>		<b>2</b>			
2	IP 7111111B	Licensed Operator Requalification Program		02/14/2005	02/18/2005	Baseline Inspections
	<b>EB1SSDPC - SSDPC</b>		<b>5</b>			
2	IP 7111121	Safety System Design and Performance Capability		02/14/2005	02/19/2005	Baseline Inspections
2	IP 7111121	Safety System Design and Performance Capability		02/28/2005	03/04/2005	Baseline Inspections
	<b>60854 - ISFSI DRY RUN INSPECTION</b>		<b>1</b>			
2	IP 60854	Preoperational Testing Of An ISFSI		06/20/2005	06/24/2005	Other Routine

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

ENCLOSURE

**Robinson**  
**Inspection / Activity Plan**  
**09/01/2004 - 03/31/2006**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	<b>EB2 HEAD - REACTOR HEAD REPLACEMENT</b>		<b>2</b>			
2	IP 71007	Reactor Vessel Head Replacement Inspection		08/15/2005	08/19/2005	Other Routine
2	IP 71007	Reactor Vessel Head Replacement Inspection		09/05/2005	09/07/2005	Other Routine
	<b>EB2-ISI - ISI</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		09/06/2005	09/09/2005	Baseline Inspections
	<b>PS - RP - RP OCCUPATIONAL</b>		<b>1</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		09/12/2005	09/16/2005	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		09/12/2005	09/16/2005	Baseline Inspections
	<b>EB2SGISI - STEAM GENERATOR ISI</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		09/19/2005	09/23/2005	Baseline Inspections
	<b>EB2-MODS - MODIFICATIONS/10CFR50.59</b>		<b>1</b>			
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/30/2006	02/03/2006	Baseline Inspections
2	IP 7111117B	Permanent Plant Modifications		01/30/2006	02/03/2006	Baseline Inspections

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