



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

March 3, 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: ANNUAL ASSESSMENT LETTER - H. B. ROBINSON STEAM ELECTRIC  
PLANT (NRC INSPECTION REPORT 50-261/04-01)**

Dear Mr. Moyer:

On February 4, 2004, the NRC staff completed its end-of-cycle plant performance assessment of the H. B. Robinson Steam Electric Plant. The end-of-cycle review for Robinson involved the participation of all technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2003. 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.

Overall, Robinson operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, 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 reactor oversight process (ROP) baseline inspections at your facility through September 30, 2005. We also plan to conduct several non-ROP inspections which include a review of spent fuel material control and accounting, a reactor vessel upper head inspection, an inspection of reactor vessel lower head penetrations, an inspection of reactor containment sump blockage and a construction and operations inspection of the independent spent fuel storage installations.

The enclosed inspection plan details the inspections scheduled through September 30, 2005. 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 mid-cycle review meeting.

As you are aware, the NRC has issued several Orders and threat advisories to enhance security capabilities and improve guard force readiness since the terrorist attacks on September 11, 2001. We have conducted inspections to review your implementation of these requirements and have monitored your actions in response to changing threat conditions. For calendar year 2004, we plan to continue inspections of Order implementation combined with newly developed portions of the security baseline inspection program.

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).

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 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/encl:

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**Robinson**  
**Inspection / Activity Plan**  
**03/01/2004 - 09/30/2005**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>PB4-154 - SPENT FUEL MC&amp;A</b>		<b>2</b>			
2	IP 2515/154	Spent Fuel Material Control and Accounting at Nuclear Power Plants		03/14/2004	03/23/2004	Safety Issues
	<b>PS-SEC - SECURITY</b>		<b>2</b>			
2	IP 7113001	Access Authorization		03/29/2004	04/02/2004	Baseline Inspections
2	IP 7113002	Access Control		03/29/2004	04/02/2004	Baseline Inspections
2	IP 71151	Performance Indicator Verification		03/29/2004	04/02/2004	Baseline Inspections
	<b>EB2-ISI - INSERVICE INSPECTION</b>		<b>2</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/19/2004	04/23/2004	Baseline Inspections
	<b>PS-RP - RAD PROTECTION-OCCUPATIONAL</b>		<b>4</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		04/19/2004	04/23/2004	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		04/19/2004	04/23/2004	Baseline Inspections
2	IP 7112202	Radioactive Material Processing and Transportation		04/19/2004	04/23/2004	Baseline Inspections
2	IP 71151	Performance Indicator Verification		04/19/2004	04/23/2004	Baseline Inspections
2	IP 7112101	Access Control to Radiologically Significant Areas		05/03/2004	05/07/2004	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		05/03/2004	05/07/2004	Baseline Inspections
2	IP 7112202	Radioactive Material Processing and Transportation		05/03/2004	05/07/2004	Baseline Inspections
2	IP 71151	Performance Indicator Verification		05/03/2004	05/07/2004	Baseline Inspections
	<b>PB4-152 - REACTOR LOWER HEAD PENETRATIONS</b>		<b>1</b>			
2	IP 2515/152	Reactor Pressure Vessel Lower Head Penetration Nozzles (NRC Bulletin 2003-02)		04/20/2004	04/23/2004	Safety Issues
	<b>EB2-RPV - REACTOR UPPER HEAD</b>		<b>1</b>			
2	IP 2515/150	Reactor Pressure Vessel Head and Vessel Head Penetration Nozzles (NRC Bulletin 2002-0)		04/26/2004	05/01/2004	Safety Issues
	<b>EB2ISFSI - ISFSI CONSTRUCTION / OPERATION</b>		<b>1</b>			
2	IP 60853	On-Site Fabrication Of Components And Construction On An ISFSI		05/17/2004	05/21/2004	Other Routine
2	IP 60855	Operation Of An ISFSI		05/17/2004	05/21/2004	Other Routine
	<b>DRP-153 - REACTOR CONTAINMENT SUMP BLOCKAGE</b>		<b>2</b>			
2	IP 2515/153	Reactor Containment Sump Blockage (NRC Bulletin 2003-01)		05/24/2004	05/28/2004	Safety Issues
	<b>EB2-MR - MAINTENANCE RULE</b>		<b>1</b>			
2	IP 7111112B	Maintenance Effectiveness		06/07/2004	06/12/2004	Baseline Inspections
	<b>EB1-TFP - FIRE PROTECTION-TRIENNIAL PRE-INSP VISIT</b>		<b>4</b>			
2	IP 7111105T	Fire Protection		07/26/2004	07/30/2004	Baseline Inspections
	<b>OL-EXAM - LICENSED OPERATOR INITIAL EXAM PREP</b>		<b>2</b>			
2	V23218	ROBINSON/EXAMS AT POWER FACILITIES		08/16/2004	08/20/2004	Not Applicable
	<b>EB1-TFP - FIRE PROTECTION-TRIENNIAL</b>		<b>4</b>			
2	IP 7111105T	Fire Protection		08/16/2004	08/20/2004	Baseline Inspections

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

**Robinson**  
**Inspection / Activity Plan**  
**03/01/2004 - 09/30/2005**

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 - LICENSED OPERATOR INITIAL EXAM</b>		<b>3</b>			
2	V23218	ROBINSON/EXAMS AT POWER FACILITIES		08/30/2004	09/03/2004	Not Applicable
	<b>EB2-HS - HEAT SINK</b>		<b>1</b>			
2	IP 7111107B	Heat Sink Performance		09/20/2004	09/24/2004	Baseline Inspections
	<b>PB4-PI&amp;R - PROBLEM IDENTIFICATION AND RESOLUTION</b>		<b>4</b>			
2	IP 71152B	Identification and Resolution of Problems		10/18/2004	10/22/2004	Baseline Inspections
	<b>OL-EP - EMERGENCY PREPAREDNESS</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 - RADIATION PROTECTION-PUBLIC</b>		<b>3</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		01/31/2005	02/04/2005	Baseline Inspections
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 - LICENSED OPERATOR REQUAL</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>EB2-ISI - INSERVICE INSPECTION</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		09/06/2005	09/09/2005	Baseline Inspections