



UNITED STATES
NUCLEAR REGULATORY COMMISSION

REGION II
SAM NUNN ATLANTA FEDERAL CENTER
61 FORSYTH STREET, SW, SUITE 23T85
ATLANTA, GEORGIA 30303-8931

March 2, 2005

Carolina Power & 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 UNIT 2 (NRC INSPECTION REPORT 05000261/2005001)

Dear Mr. Moyer:

On February 9, 2005, the NRC staff completed its end-of-cycle plant performance assessment of H. B. Robinson Steam Electric Plant Unit 2. The end-of-cycle review for Robinson involved the participation of the reactor technical divisions in evaluating performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2004. 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 end-of-cycle performance review letter, designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390," will include the physical protection review and a resultant inspection plan.

Overall, Robinson operated in a manner that preserved public health and safety and fully met all cornerstone objectives. The performance of Robinson 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).

However, plant performance for the most recent quarter was within the Regulatory Response Column of the NRC's Action Matrix based on the Reactor Coolant System Leakage PI crossing the Green/White threshold during the last quarter of the assessment cycle. The PI became White because of excessive packing leakage from a pressurizer spray bypass valve. A Supplemental Inspection using NRC Inspection Procedure 95001 was conducted the week of December 13, 2004. The results of this inspection, documented in NRC Inspection Report 05000261/2004009, issued on January 14, 2005, determined that the licensee's problem identification, extent-of-condition evaluation, and corrective actions for the White PI were adequate. Also, in accordance with the NRC Action Matrix, a Regulatory Performance Meeting on the White PI was held with the licensee on January 18, 2005. Based on the results of the

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ML050610574-ltr
ML050610579-encl

Supplemental Inspection, we plan to conduct only reactor oversight process (ROP) baseline inspections at your facility through September 30, 2006. We also plan to conduct several non-ROP inspections which include a review of the reactor vessel upper head replacement project, and an inspection of activities involving a dry run of the under-construction independent spent fuel storage installation.

Also, as discussed in our Mid-Cycle Performance Review Letter, dated August 30, 2004, the NRC issued a Notice of Violation (NOV) and Proposed Imposition of Civil Penalty to Carolina Power and Light Company (CP&L) on April 7, 2004. CP&L had 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. Prior to the issuance of the NOV, CP&L 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 September 30, 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 nine months of the inspection plan are tentative and may be revised at the mid-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 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/

Victor M. McCree, Director
Division of Reactor Projects

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

Enclosure: H. B. Robinson Inspection/Activity Plan

cc w/encl: (See page 3)

cc w/encl:
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Robinson
Inspection / Activity Plan
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	EB1SSDPC - SAFETY SYSTEM DESIGN & PERF. CAPABILITY		6			
2	IP 7111121	Safety System Design and Performance Capability		02/28/2005	03/04/2005	Baseline Inspections
	DRY RUN - ISFSI DRY RUN		1			
2	IP 60854	Preoperational Testing Of An ISFSI		06/15/2005	06/25/2005	Other Routine
	ISFSI - ISFSI DRY RUN INSPECTION		1			
2	IP 60854	Preoperational Testing Of An ISFSI		06/20/2005	06/24/2005	Other Routine
	MTN-MR - MR EFFECTIVENESS		1			
2	IP 7111112B	Maintenance Effectiveness		07/18/2005	07/22/2005	Baseline Inspections
	MTN-HEAD - REACTOR HEAD REPLACEMENT		3			
2	IP 71007	Reactor Vessel Head Replacement Inspection		08/15/2005	08/19/2005	Other Routine
2	IP 71007	Reactor Vessel Head Replacement Inspection		09/19/2005	09/21/2005	Other Routine
	PS1-RP - RP OCCUPATIONAL BASELINE WK1		1			
2	IP 7112101	Access Control to Radiologically Significant Areas		09/18/2005	09/22/2005	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		09/18/2005	09/22/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		09/18/2005	09/22/2005	Baseline Inspections
	MTN-ISI - U2 INSERVICE INSPECTION		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/03/2005	10/06/2005	Baseline Inspections
	PS1-RP - RP OCCUPATIONAL BASELINE WK2		1			
2	IP 7112101	Access Control to Radiologically Significant Areas		10/03/2005	10/07/2005	Baseline Inspections
2	IP 71151	Performance Indicator Verification		10/03/2005	10/07/2005	Baseline Inspections
	MTNSGSI - SG INSERVICE INSPECTION		2			
2	IP 7111108P	Inservice Inspection Activities - PWR		10/10/2005	10/14/2005	Baseline Inspections
	EB1-MODS - MODIFICATIONS/10CFR50.59		4			
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
	PS1-RP - RP BASELINE PUBLIC		4			
2	IP 7112101	Access Control to Radiologically Significant Areas		07/31/2006	08/04/2006	Baseline Inspections
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		07/31/2006	08/04/2006	Baseline Inspections
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		07/31/2006	08/04/2006	Baseline Inspections
2	IP 7112203	Radiological Environmental Monitoring Program		07/31/2006	08/04/2006	Baseline Inspections
2	IP 71151	Performance Indicator Verification		07/31/2006	08/04/2006	Baseline Inspections
	MTN-HS - HEAT SINK		1			
2	IP 7111107B	Heat Sink Performance		08/14/2006	08/18/2006	Baseline Inspections
	OL PREP - INITIAL EXAM PREP		3			
2	V23242	ROBINSON/EXAM AT POWER FACILITIES		08/21/2006	08/25/2006	Not Applicable

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

Enclosure

Robinson
Inspection / Activity Plan
03/01/2005 - 09/30/2006

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start End		Inspection Type
OL EXAM - INITIAL EXAM						
2	V23242	ROBINSON/EXAM AT POWER FACILITIES	3	09/11/2006	09/15/2006	Not Applicable

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This report shows only on-site and announced inspection procedures.