



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

March 3, 2010

Carolina Power and Light Company
Mr. Eric McCartney
Site 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 05000261/2010001)**

Dear Mr. McCartney:

On February 10, 2010, the NRC technical staff completed its performance review of the H. B. Robinson Steam Electric Plant for the period from January 1 through December 31, 2009. Our technical staff reviewed 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 performance review and the enclosed inspection plan do not include security information. A separate letter designated and marked as "Official Use Only- Security-Related Information" will include the security cornerstone performance review and a resultant inspection plan.

Overall, Robinson Unit 2 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 the first three quarters of the assessment cycle, was in 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 reactor oversight process (ROP) baseline inspections at your facility. We also plan on conducting several infrequently performed inspections which include: initial operator licensing examinations, TI 2515/172, "Reactor Coolant System Dissimilar Metal Butt Welds, and TI 2515/173, "Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative".

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2010. The inspection plan is provided to minimize the resource impact on your staff and to allow for the resolution of any scheduling conflicts and personnel availability issues well 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 the inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at (404) 562-4603 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Randall A. Musser, 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
03/01/2010 - 06/30/2011

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			TFPI 805 - TRIENNIAL FIRE PROTECTION		7
2	03/15/2010	03/19/2010	IP 7111105T	Fire Protection [Triennial]	
2	03/29/2010	04/02/2010	IP 7111105T	Fire Protection [Triennial]	
			PSB1-RP - RP OCCUPATIONAL BASELINE WEEK1		2
2	04/19/2010	04/23/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	04/19/2010	04/23/2010	IP 71124.02	Occupational ALARA Planning and Controls	
2	04/19/2010	04/23/2010	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	04/19/2010	04/23/2010	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
2	04/19/2010	04/23/2010	IP 71151	Performance Indicator Verification	
			EB3ISI - UNIT 2 INSERVICE INSPECTION		1
2	04/26/2010	04/30/2010	IP 7111108P	Inservice Inspection Activities - PWR	
			EB3TI172 - EB3 RCS DM BUTT WELDS		1
2	04/26/2010	04/30/2010	IP 2515/172	Reactor Coolant System Dissimilar Metal Butt Welds	
			EB3SGISI - EB3 SG INSERVICE INSPECTION		1
2	05/03/2010	05/07/2010	IP 7111108P	Inservice Inspection Activities - PWR	
			PSB1-RP - RP OCCUPATIONAL BASELINE WEEK 2		3
2	05/10/2010	05/14/2010	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	05/10/2010	05/14/2010	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/10/2010	05/14/2010	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	05/10/2010	05/14/2010	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
2	05/10/2010	05/14/2010	IP 71151	Performance Indicator Verification	
			PSB1EP - EMERGENCY PREPAREDNESS INSPECTION		1
2	05/24/2010	05/28/2010	IP 7111402	Alert and Notification System Evaluation	
2	05/24/2010	05/28/2010	IP 7111403	Emergency Response Organization Augmentation Testing	
2	05/24/2010	05/28/2010	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	05/24/2010	05/28/2010	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	05/24/2010	05/28/2010	IP 71151	Performance Indicator Verification	
			PSB1-RP - RP GROUND WATER PROTECTION		1
2	05/31/2010	06/04/2010	IP 2515/173	Review of the Implementation of the Industry Ground Water Protection Voluntary Initiative	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		7
2	07/12/2010	07/16/2010	IP 71152B	Identification and Resolution of Problems	
2	07/26/2010	07/30/2010	IP 71152B	Identification and Resolution of Problems	
			EB1 - COMPONENT DESIGN BASES INSPECTION		6
2	08/16/2010	08/20/2010	IP 7111121	Component Design Bases Inspection	
2	08/30/2010	09/03/2010	IP 7111121	Component Design Bases Inspection	

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

Enclosure

Robinson
Inspection / Activity Plan
03/01/2010 - 06/30/2011

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			EB1 - COMPONENT DESIGN BASES INSPECTION		6
2	09/13/2010	09/17/2010	IP 7111121	Component Design Bases Inspection	
2	09/27/2010	10/01/2010	IP 7111121	Component Design Bases Inspection	
			PSB1-RP - RP PUBLIC RADIATION SAFETY INSP		3
2	01/17/2011	01/21/2011	IP 71124.04	Occupational Dose Assessment	
2	01/17/2011	01/21/2011	IP 71124.05	Radiation Monitoring Instrumentation	
2	01/17/2011	01/21/2011	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	01/17/2011	01/21/2011	IP 71124.07	Public Radiation Safety	
2	01/17/2011	01/21/2011	IP 71151	Performance Indicator Verification	
			INSP - MODS/50.59 INSP		2
2	01/24/2011	01/28/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
2	02/07/2011	02/11/2011	IP 7111117T	Evaluations of Changes, Tests, or Experiments and Permanent Plant Modifications	
			OL EXAM - INITIAL EXAM PREP		3
2	02/07/2011	02/11/2011	V23346	ROBINSON/FEBRUARY 2011 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 1		3
2	02/28/2011	03/04/2011	V23346	ROBINSON/FEBRUARY 2011 EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL EXAM - WEEK 2		3
2	03/14/2011	03/25/2011	V23346	ROBINSON/FEBRUARY 2011 EXAM AT POWER FACILITIES	
			PSB1EP - EMERGENCY PREPAREDNESS EXERCISE		4
2	05/23/2011	05/27/2011	IP 7111401	Exercise Evaluation	
2	05/23/2011	05/27/2011	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	05/23/2011	05/27/2011	IP 71151-EP01	Drill/Exercise Performance	
2	05/23/2011	05/27/2011	IP 71151-EP02	ERO Drill Participation	
2	05/23/2011	05/27/2011	IP 71151-EP03	Alert & Notification System	

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Enclosure