



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

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

March 1, 2007

Carolina Power and Light Company  
ATTN: Mr. Tom Walt  
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 05000261/2007001

Dear Mr. Walt:

On February 07, 2007, 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, 2006. 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 physical protection information. A separate 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. Plant performance for Robinson Unit 2 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 non-ROP inspections which include the independent spent fuel storage facility and the containment emergency recirculation sump blockage temporary instruction.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through September 30, 2008. 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 twelve months of the inspection plan are tentative and may be revised at the mid-cycle review meeting.

ML070600171/Package  
ML070600173/Letter  
ML070600189/Enclosure

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) 562-4421 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:

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

Ernest J. Kapopoulos, Jr.  
Plant General Manager  
Carolina Power & Light Company  
H. B. Robinson Steam Electric Plant  
Electronic Mail Distribution

Paul Fulford, Manager  
Performance Evaluation and  
Regulatory Affairs PEB 5  
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, Chief Radiation  
Protection Section  
N. C. Department of Environment,  
Health and Natural Resources  
Electronic Mail Distribution

David T. Conley  
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

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

**Robinson**  
**Inspection / Activity Plan**  
**03/01/2007 - 09/30/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
	<b>OL RQ - REQUAL INSPECTION</b>		<b>3</b>			
2	IP 7111111B	Licensed Operator Requalification Program		02/26/2007	03/02/2007	Baseline Inspections
	<b>EB3-ISI - U2 INSERVICE INSPECTION</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/16/2007	04/20/2007	Baseline Inspections
	<b>PSB1-RP - RP OCCUPATIONAL BASELINE INSP</b>		<b>2</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		04/16/2007	04/20/2007	Baseline Inspections
2	IP 7112102	ALARA Planning and Controls		04/16/2007	04/20/2007	Baseline Inspections
2	IP 71151	Performance Indicator Verification		04/16/2007	04/20/2007	Baseline Inspections
	<b>EB3SGISI - U2 STEAM GENERATOR ISI</b>		<b>1</b>			
2	IP 7111108P	Inservice Inspection Activities - PWR		04/23/2007	04/27/2007	Baseline Inspections
	<b>EB1-SUMP - PWR CONTAINMENT SUMP BLOCKAGE TI (U-2)</b>		<b>2</b>			
2	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		04/30/2007	05/04/2007	Safety Issues
	<b>PSB1-EP - EP INSP</b>		<b>1</b>			
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/04/2007	06/08/2007	Baseline Inspections
2	IP 71151-EP01	Drill/Exercise Performance		06/04/2007	06/08/2007	Baseline Inspections
2	IP 71151-EP02	ERO Drill Participation		06/04/2007	06/08/2007	Baseline Inspections
2	IP 71151-EP03	Alert & Notification System		06/04/2007	06/08/2007	Baseline Inspections
	<b>EB1-CDBI - COMPONENT DESIGN BASES INSPECTION</b>		<b>7</b>			
2	IP 7111121	Component Design Bases Inspection		06/25/2007	06/29/2007	Baseline Inspections
2	IP 7111121	Component Design Bases Inspection		07/16/2007	07/20/2007	Baseline Inspections
2	IP 7111121	Component Design Bases Inspection		07/30/2007	08/03/2007	Baseline Inspections
2	IP 7111121	Component Design Bases Inspection		08/13/2007	08/17/2007	Baseline Inspections
	<b>60855.1 - OPERATIONAL ISFSI INSPECTION BY RESIDENT</b>		<b>1</b>			
2	IP 60855.1	Operation of an Independent Spent Fuel Storage Installation at Operating Plants		07/09/2007	07/13/2007	Other Routine
	<b>TFP - TRIENNIAL FP - INFO TRIP</b>		<b>5</b>			
2	IP 7111105T	Fire Protection [Triennial]		10/02/2007	10/04/2007	Baseline Inspections
	<b>TFP - TRIENNIAL FIRE PROTECTION INSP</b>		<b>5</b>			
2	IP 7111105T	Fire Protection [Triennial]		10/22/2007	10/26/2007	Baseline Inspections
2	IP 7111105T	Fire Protection [Triennial]		11/05/2007	11/09/2007	Baseline Inspections
	<b>PSB1-RP - RADIATION PROTECTION PREINSPECTION VISIT</b>		<b>1</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		11/26/2007	11/28/2007	Baseline Inspections
	<b>PSB1-EP - EP EXERCISE</b>		<b>2</b>			
2	IP 7111401	Exercise Evaluation		12/03/2007	12/07/2007	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		12/03/2007	12/07/2007	Baseline Inspections
2	IP 71151-EP01	Drill/Exercise Performance		12/03/2007	12/07/2007	Baseline Inspections

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

Enclosure

**Robinson**  
**Inspection / Activity Plan**  
**03/01/2007 - 09/30/2008**

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates Start	Planned Dates End	Inspection Type
<b>PSB1-EP - EP EXERCISE</b>			<b>2</b>			
2	IP 71151-EP02	ERO Drill Participation		12/03/2007	12/07/2007	Baseline Inspections
2	IP 71151-EP03	Alert & Notification System		12/03/2007	12/07/2007	Baseline Inspections
<b>PSB1-RP - RADIATION PROTECTION PUBLIC BASELINE</b>			<b>4</b>			
2	IP 7112101	Access Control to Radiologically Significant Areas		01/14/2008	01/18/2008	Baseline Inspections
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		01/14/2008	01/18/2008	Baseline Inspections
2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/14/2008	01/18/2008	Baseline Inspections
2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control P		01/14/2008	01/18/2008	Baseline Inspections
2	IP 71151-OR01	Occupational Exposure Control Effectiveness		01/14/2008	01/18/2008	Baseline Inspections
2	IP 71151-PR01	RETS/ODCM Radiological Effluent		01/14/2008	01/18/2008	Baseline Inspections
<b>EB1-MODS - MODIFICATIONS-10CFR50.59</b>			<b>4</b>			
2	IP 7111102	Evaluation of Changes, Tests, or Experiments		01/28/2008	02/01/2008	Baseline Inspections
2	IP 7111117B	Permanent Plant Modifications		01/28/2008	02/01/2008	Baseline Inspections
<b>EB3-HS - HEAT SINK</b>			<b>1</b>			
2	IP 7111107B	Heat Sink Performance		06/02/2008	06/06/2008	Baseline Inspections
<b>PSB1-EP - EP INSP</b>			<b>1</b>			
2	IP 7111402	Alert and Notification System Testing		06/23/2008	06/27/2008	Baseline Inspections
2	IP 7111403	Emergency Response Organization Augmentation Testing		06/23/2008	06/27/2008	Baseline Inspections
2	IP 7111404	Emergency Action Level and Emergency Plan Changes		06/23/2008	06/27/2008	Baseline Inspections
2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		06/23/2008	06/27/2008	Baseline Inspections
2	IP 71151-EP01	Drill/Exercise Performance		06/23/2008	06/27/2008	Baseline Inspections
2	IP 71151-EP02	ERO Drill Participation		06/23/2008	06/27/2008	Baseline Inspections
2	IP 71151-EP03	Alert & Notification System		06/23/2008	06/27/2008	Baseline Inspections
<b>OL PREP - INITIAL EXAM PREP</b>			<b>2</b>			
2	V23285	ROBINSON/AUGUST 2008 EXAM AT POWER FACILITIES		07/28/2008	08/01/2008	Not Applicable
<b>EB3 - MR - MAINT RULE</b>			<b>1</b>			
2	IP 7111112B	Maintenance Effectiveness		08/04/2008	08/08/2008	Baseline Inspections
<b>OL EXAM - INITIAL EXAM</b>			<b>3</b>			
2	V23285	ROBINSON/AUGUST 2008 EXAM AT POWER FACILITIES		08/18/2008	08/29/2008	Not Applicable