



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION II
245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

March 4, 2013

Carolina Power and Light Company
Mr. William Gideon
Vice President - Robinson Plant
H. B. Robinson Steam Electric Plant
Unit 2
3581 West Entrance Road
Hartsville, South Carolina 29550

**SUBJECT: ANNUAL ASSESSMENT LETTER FOR H.B. ROBINSON STEAM ELECTRIC
PLANT (NRC INSPECTION REPORT 05000261/2012001)**

Dear Mr. Gideon,

On February 13, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of the H.B. Robinson Steam Electric Plant, Unit 2. The NRC reviewed the most recent quarterly Performance Indicators (PIs) in addition to inspection results and enforcement actions from January 1, 2012 through December 31, 2012. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, H.B. Robinson Steam Electric Plant, Unit 2 operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at H.B. Robinson Steam Electric Plant, Unit 2 during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all PIs indicated that your performance was within the nominal, expected range (i.e., green). Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the mid-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. The NRC will contact you as soon as possible to discuss changes to the inspection plan should circumstances warrant any changes. This inspection plan does not include security related inspections, which will be sent via separate, non-publicly available correspondence.

We also plan on conducting several infrequently performed inspections which include: Operator Licensing Exams, TI 2515/182 and "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks, Phase 2."

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).

Please contact me at 404-997-4603 with any questions you may have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No.: 50-261
License No.: DPR-23

Enclosure: Robinson Inspection/Activity Plan (03/01/2013 – 06/30/2014)

cc w/Encl: (See page 3)

W. Gideon

2

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).

Please contact me at 404-997-4603 with any questions you may have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket No.: 50-261
License No.: DPR-23

Enclosure: Robinson Inspection/Activity Plan (03/01/2013 – 06/30/2014)

cc w/Encl: (See page 3)

☒ PUBLICLY AVAILABLE

☐ NON-PUBLICLY AVAILABLE

☐ SENSITIVE

☒ NON-SENSITIVE

ADAMS: X Yes

ACCESSION NUMBER: _____

X SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP					
SIGNATURE	JGW:/RA/	RXM:/RA/					
NAME	JWorosilo	RMusser					
DATE	3/ /2013	3/ /2013	3/ /2013	3/ /2013	3/ /2013	3/ /2013	3/ /2013
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: S:\DRP\PERIODIC ASSESSMENTS & REPORTS\EOC & MID-CYCLE\2012\END OF CYCLE\INPUT\RPB4\ROBINSON\ROB 2012 EOC LETTER.DOCX

W. Gideon

3

cc:w/encl

Division of Radiological Health
TN Dept. of Environment & Conservation
401 Church Street
Nashville, TN 37243-1532

Donald W. Barker
Manager, Nuclear Oversight
H. B. Robinson Steam Electric Plant, Unit 2
Progress Energy
Electronic Mail Distribution

J. W. (Bill) Pitesa
Senior Vice President
Nuclear Operations
Duke Energy Corporation
Electronic Mail Distribution

Lara S. Nichols
Deputy General Counsel
Duke Energy Corporation
Electronic Mail Distribution

M. Christopher Nolan
Director - Regulatory Affairs
General Office
Duke Energy Corporation
Electronic Mail Distribution

Mike Glover
Director Site Operations
H. B. Robinson Steam Electric Plant
Electronic Mail Distribution

Richard Keith Holbrook
Operations Manager
H. B. Robinson Steam Electric Plant
Electronic Mail Distribution

Sandra Threatt, Manager
Nuclear Response and Emergency
Environmental Surveillance
Bureau of Land and Waste Management
Department of Health and Environmental
Control
Electronic Mail Distribution

Sharon Wheeler
Manager, Support Services
H B Robinson Steam Electric Plant
Electronic Mail Distribution

Brian C. McCabe
Manager, Nuclear Oversight
Shearon Harris Nuclear Power Plant
Progress Energy
Electronic Mail Distribution

Richard Hightower
Supervisor
Licensing/Regulatory Programs
Progress Energy
Electronic Mail Distribution

Joseph W. Donahue
Vice President
Nuclear Oversight
Progress Energy
Electronic Mail Distribution

David T. Conley
Senior Counsel
Legal Department
Progress Energy
Electronic Mail Distribution

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

Richard Haynes
Director, Division of Waste Management
Bureau of Land and Waste Management
S.C. Department of Health and
Environmental Control
Electronic Mail Distribution

Thomas Cosgrove
Plant General Manager
H.B. Robinson Steam Electric Plant, Unit 2
Progress Energy
Electronic Mail Distribution

(cc:w/encl continued next page)

W. Gideon

4

(cc:w/encl. continued)

Donna B. Alexander
Manager, Nuclear Regulatory Affairs (interim)
Progress Energy
Electronic Mail Distribution

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

W. Lee Cox, III
Section Chief
Radiation Protection Section
N.C. Department of Environmental Commerce & Natural Resources
Electronic Mail Distribution

Mark Yeager
Division of Radioactive Waste Mgmt.
S.C. Department of Health and Environmental Control
Electronic Mail Distribution

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

Chairman
North Carolina Utilities Commission
Electronic Mail Distribution

Henry Curry
Training Manager
H.B. Robinson Steam Electric Plant, Unit 2
Progress Energy
Electronic Mail Distribution

Senior Resident Inspector
U.S. Nuclear Regulatory Commission
H. B. Robinson Steam Electric Plant
2112 Old Camden Rd
Hartsville, SC 29550

John W. Flitter
Director of Electric & Gas Regulation
South Carolina Office of Regulatory Staff
Electronic Mail Distribution

Letter to William R. Gideon from Randall A. Musser dated March 4, 2013.

SUBJECT: ANNUAL ASSESSMENT LETTER FOR H.B. ROBINSON STEAM ELECTRIC
PLANT (NRC INSPECTION REPORT 05000261/2012001)

Distribution w/encl:

C. Evans

L. Douglas

OE Mail

RIDSNNRRDIRS

PUBLIC

RidsNrrPMRobinson Resource

ROP Assessment

Institute of Nuclear Power Operations (INPO)

Robinson

Inspection / Activity Plan

03/01/2013 - 06/30/2014

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
		CDBI	- COMPONENT DESIGN BASES INSPECTION	8
2	03/18/2013 03/22/2013	IP 7111121	Component Design Bases Inspection	
2	04/08/2013 04/12/2013	IP 7111121	Component Design Bases Inspection	
2	04/22/2013 04/26/2013	IP 7111121	Component Design Bases Inspection	
2	05/13/2013 05/17/2013	IP 7111121	Component Design Bases Inspection	
		EP	- EMERGENCY PREPAREDNESS EXERCISE	1
2	05/20/2013 05/24/2013	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
2	05/20/2013 05/24/2013	IP 71151	Performance Indicator Verification	
		RP	- RP PUBLIC RAD SAFETY BASELINE	2
2	05/20/2013 05/24/2013	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	05/20/2013 05/24/2013	IP 71124.07	Radiological Environmental Monitoring Program	
2	05/20/2013 05/24/2013	IP 71151	Performance Indicator Verification	
		OL EXAM	- INITIAL EXAM PREP	3
2	07/08/2013 07/12/2013	V23392	ROBINSON/JULY 2013 INITIAL EXAM AT POWER FACILITIES	
		OL EXAM	- INITIAL EXAM WEEK	3
2	07/29/2013 08/02/2013	V23392	ROBINSON/JULY 2013 INITIAL EXAM AT POWER FACILITIES	
		TI-182	- TI-182 BURIED PIPING/TANK - PHASE 2	1
2	08/26/2013 08/28/2013	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
		ISI	- UNIT 2 INSERVICE INSPECTION	1
2	09/23/2013 09/27/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		SGISI	- UNIT 2 SG INSERVICE INSPECTION	1
2	09/30/2013 10/04/2013	IP 7111108P	Inservice Inspection Activities - PWR	
		RP	- RAD HAZARDS ANALYSIS AND TRANSPORTATION	2
2	10/07/2013 10/11/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	10/07/2013 10/11/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
2	10/07/2013 10/11/2013	IP 71151	Performance Indicator Verification	
		EP	- EP PROGRAM INSPECTION	1
2	05/05/2014 05/09/2014	IP 7111402	Alert and Notification System Testing	
2	05/05/2014 05/09/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	05/05/2014 05/09/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	05/05/2014 05/09/2014	IP 71151	Performance Indicator Verification	

Comments:

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

Enclosure