



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

March 04, 2014

Mr. William R. Gideon
Site Vice President
Duke Energy Progress, Inc.
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 05000261/2013001**

Dear Mr. Gideon:

On February 18, 2014, the Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance review of 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 through December 31, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility. This performance review and enclosed inspection plan do not include security information.

The NRC determined the performance at H. B. Robinson Steam Electric Plant, Unit 2 during the most recent quarter was within the Regulatory Response Column of the NRC's Reactor Oversight Process (ROP) Action Matrix because of one inspection finding classified as low to moderate safety significance (White) in the Mitigating Systems Cornerstone and all PIs indicated that your performance was within the nominal, expected range (i.e., green). The White finding involved the failure to perform adequate preventive maintenance on the dedicated shutdown diesel generator cooling system. For the first two quarters of 2013, the performance of H. B. Robinson Steam Electric Plant, Unit 2 was assessed to be in the Licensee Response Column of the NRC's ROP Action Matrix. However, the final significance determination and assessment follow-up letter was issued on September 19, 2013, in NRC Inspection Report 201305000261/2013009 (ADAMS Accession No. ML13262A069) and the NRC assigned a White Action Matrix input to the Mitigating Systems cornerstone in the second Quarter of 2013 based upon the exit meeting date of May 22, 2013. The White Action Matrix input was later revised to start in the first quarter of 2013 after further review, and in consideration that the on-site inspection activity was completed on March 30, 2013.

On December 19, 2013, the NRC completed the supplemental inspection in accordance with Inspection Procedure 95001 and documented the results in our letter to you dated January 31, 2014 (ML14031A464). The White finding was not considered in the Action Matrix after the end of the fourth quarter of 2013, and H. B. Robinson Steam Electric Plant, Unit 2 returned to the Licensee Response Column of the ROP Action Matrix as of January 1, 2014. Therefore, the NRC plans to conduct ROP baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through June 30, 2015. 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 infrequently performed inspections and audits for Operator Licensing initial exams. Additionally, an NRC audit of licensee efforts towards compliance with Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events" is ongoing. This audit includes an onsite component in order for the NRC to evaluate mitigating strategies as described in licensee submittals, and to receive and review information relative to associated open items. This onsite activity will occur in the months prior to a declaration of compliance for the first unit at each site, and will aid staff in development of an ultimate Safety Evaluation for the site. The date for the onsite component at your site is being coordinated with your staff. A site-specific audit plan for the visit will be provided in advance to allow sufficient time for preparations.

As a result of the Safety Culture Common Language Initiative, the terminology and coding of cross-cutting aspects were revised. All cross-cutting aspects identified during inspections conducted in calendar year 2014 will reflect this revision to Inspection Manual Chapter (IMC) 0310. The calendar year (CY) 2013 end-of-cycle assessments were conducted using the IMC 0310 guidance in effect in CY 2013 (dated October 28, 2011). Cross-cutting aspects identified in 2013 using the 2013 terminology will be converted to the latest revision in accordance with the cross-reference in IMC 0310 during the mid-cycle assessment review and evaluated for cross-cutting themes and potential substantive cross-cutting issues in accordance with IMC 0305.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's Agencywide Document Access and Management System (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

W. Gideon

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Please contact George Hopper at 404-997-4645 with any questions you may have regarding this letter.

Sincerely,

/RA/

Richard P. Croteau, Director
Division of Reactor Projects

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

Enclosure: Robinson Inspection/Activity Plan
(03/01/2014 – 06/30/2015)

cc distribution via ListServ

W. Gideon

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SIGNATURE	JSD /RA/	GTH /RA/		RPC /RA/			
NAME	JDodson	GHopper	WJones	RCroteau			
DATE	02/25/2014	02/25/2014		02/25/2014			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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W. Gideon

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Letter to William R. Gideon from Richard P. Croteau dated March 4, 2014

SUBJECT: ANNUAL ASSESSMENT LETTER FOR H.B. ROBINSON STEAM ELECTRIC
PLANT – NRC INSPECTION REPORT 05000261/2013001

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Institute of Nuclear Power Operations (INPO)

ROP Assessment

Robinson

Inspection / Activity Plan

03/01/2014 - 06/30/2015

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			PI&R	- PROBLEM IDENTIFICATION AND RESOLUTION	4
2	04/21/2014	04/25/2014	IP 71152B	Problem Identification and Resolution	
2	05/05/2014	05/09/2014	IP 71152B	Problem Identification and Resolution	
			EP	- EP PROGRAM INSPECTION	3
2	06/23/2014	06/27/2014	IP 7111402	Alert and Notification System Testing	
2	06/23/2014	06/27/2014	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	06/23/2014	06/27/2014	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	06/23/2014	06/27/2014	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	06/23/2014	06/27/2014	IP 71151	Performance Indicator Verification	
			OL EXAM	- INITIAL LICENSE EXAM PREP	2
2	07/21/2014	07/25/2014	V23430	ROBINSON/AUGUST 2014 INITIAL EXAM AT POWER FACILITIES	
			RP	- RP PUBLIC RADIATION SAFETY BASELINE	4
2	07/21/2014	07/25/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	07/21/2014	07/25/2014	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	07/21/2014	07/25/2014	IP 71124.07	Radiological Environmental Monitoring Program	
2	07/21/2014	07/25/2014	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
2	07/21/2014	07/25/2014	IP 71151	Performance Indicator Verification	
			OL EXAM	- INITIAL LICENSE EXAM WEEK 1	2
2	08/18/2014	08/22/2014	V23430	ROBINSON/AUGUST 2014 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM	- INITIAL LICENSE EXAM WEEK 2	2
2	08/25/2014	08/29/2014	V23430	ROBINSON/AUGUST 2014 INITIAL EXAM AT POWER FACILITIES	
			TFPI	- TRIENNIEL FIRE PROTECTION INSP	7
2	10/20/2014	10/24/2014	IP 711105T	Fire Protection [Triennial]	
2	11/03/2014	11/07/2014	IP 711105T	Fire Protection [Triennial]	
			RP	- RP OCCUPATIONAL BASELINE WEEK 1	3
2	04/20/2015	04/24/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	04/20/2015	04/24/2015	IP 71124.02	Occupational ALARA Planning and Controls	
2	04/20/2015	04/24/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	04/20/2015	04/24/2015	IP 71124.04	Occupational Dose Assessment	
2	04/20/2015	04/24/2015	IP 71124.05	Radiation Monitoring Instrumentation	
2	04/20/2015	04/24/2015	IP 71151	Performance Indicator Verification	
			ISI	- UNIT 2 IN-SERVICE INSPECTION & RVH EXAM	2
2	04/27/2015	05/01/2015	IP 711108P	Inservice Inspection Activities - PWR	

This report does not include INPO and OUTAGE activities.

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

Enclosure

Unit Number	Planned Dates Start End	Inspection Activity	Title	No. of Staff on Site
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		RP	- RP OCCUPATIONAL BASELINE WEEK 2	
2	05/04/2015 05/08/2015	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	2
2	05/04/2015 05/08/2015	IP 71124.02	Occupational ALARA Planning and Controls	
2	05/04/2015 05/08/2015	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	05/04/2015 05/08/2015	IP 71124.04	Occupational Dose Assessment	
2	05/04/2015 05/08/2015	IP 71124.05	Radiation Monitoring Instrumentation	
2	05/04/2015 05/08/2015	IP 71151	Performance Indicator Verification	
		SGISI	- UNIT 2 SG IN-SERVICE INSPECTION	1
2	05/04/2015 05/08/2015	IP 711108P	Inservice Inspection Activities - PWR	
		HS	- TRIENNIAL HEAT SINK PERFORMANCE	1
2	06/15/2015 06/19/2015	IP 711107T	Heat Sink Performance	

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