



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

August 31, 2016

Richard Michael Glover
Site Vice President
H. B. Robinson Steam Electric Plant
Duke Energy
3581 West Entrance Road, RNPA01
Hartsville, SC 29550

**SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR H. B. ROBINSON STEAM
ELECTRIC PLANT – NRC INSPECTION REPORT 05000261/2016005**

Dear Mr. Glover:

On August 10, 2016, the Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of H. B. Robinson Steam Electric Plant. The NRC reviewed the most recent quarterly performance indicators (PIs) in addition to inspection results and enforcement actions from July 1, 2015, through June 30, 2016. 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 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 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, 2018. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the second half of the inspection plan are tentative and may be revised at the end-of-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.

The NRC staff completed Temporary Instruction 2515/191, "Inspection of the Implementation of Mitigation Strategies and Spent Fuel Pool Instrumentation Orders and Emergency Preparedness Communication/Staffing/Multi-Unit Dose Assessment Plans" at H. B. Robinson Steam Electric Plant on April 15, 2016, to confirm full implementation of Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events" and Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation."

The results of the inspection can be found in inspection report 05000261/2016009.

In Staff Requirements Memorandum – SECY 16-0009, “Recommendations Resulting from the Integrated Prioritization and Re-Baselining of Agency Activities,” the Commission approved the NRC staff recommendation to discontinue the formal mid-cycle assessment process beginning in calendar year 2017. This will be the final mid-cycle assessment letter. The staff will continue to conduct quarterly assessment meetings and communicate changes in the assessment of licensee performance in accordance with the guidance in Inspection Manual Chapter 0305, “Operating Reactor Assessment Program.”

In accordance with Title 10 of the *Code of Federal Regulations* (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 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 404-997-4645 with any questions you have regarding this letter.

Sincerely,

/RA/

George T. Hopper, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket Nos.: 50-261
License Nos.: DPR-23

Enclosure:
Robinson Inspection/Activity Plan
(09/01/2016 – 06/30/2018)

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OFFICE	RII:DRP	RII:DRP	RII:DRP			
SIGNATURE	DXW4	JSD	GTH			
NAME	DJackson	JDodson	GHopper			
DATE	8/24/2016	8/25/2016	8/25/2016			
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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R. Glover

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Letter to Richard Michael Glover from George T. Hopper dated August 31, 2016

SUBJECT: MID-CYCLE ASSESSMENT LETTER FOR H. B. ROBINSON STEAM ELECTRIC
PLANT - NRC INSPECTION REPORT 05000261/2016005

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Institute of Nuclear Power Operations (INPO)

Robinson
Inspection / Activity Plan
09/01/2016 - 06/30/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			ASM EP - 2016 EP ASM & RES BASELINE		3
2	01/01/2016	12/31/2016	IP 7111406	Drill Evaluation	
			OL RQ - REQUAL INSPECTION		2
2	01/16/2017	01/20/2017	IP 7111111B	Licensed Operator Requalification Program	
			ISI - UNIT 2 IN-SERVICE INSPECTION & RVH EXAM		2
2	03/06/2017	03/10/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			RP - RAD HAZARDS		1
2	03/06/2017	03/10/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			SGISI - UNIT 2 SG IN-SERVICE INSPECTION		1
2	03/13/2017	03/17/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			EP - EP EXERCISE		6
2	05/08/2017	05/12/2017	IP 7111401	Exercise Evaluation	
2	05/08/2017	05/12/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	05/08/2017	05/12/2017	IP 7111408	Exercise Evaluation – Scenario Review	
2	05/08/2017	05/12/2017	IP 71151	Performance Indicator Verification	
			RP - RP OCCUPATIONAL INSPECTION		3
2	06/19/2017	06/23/2017	IP 71124.02	Occupational ALARA Planning and Controls	
2	06/19/2017	06/23/2017	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	06/19/2017	06/23/2017	IP 71124.04	Occupational Dose Assessment	
2	06/19/2017	06/23/2017	IP 71124.05	Radiation Monitoring Instrumentation	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
2	08/28/2017	09/01/2017	V23500	ROBINSON/SEPTEMBER 2017 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL LICENSE EXAM		3
2	09/25/2017	10/06/2017	V23500	ROBINSON/SEPTEMBER 2017 INITIAL EXAM AT POWER FACILITIES	
			TFPI - TRIENNIEL FIRE PROTECTION INSPECTION		5
2	11/27/2017	12/01/2017	IP 7111105T	Fire Protection [Triennial]	
2	12/11/2017	12/15/2017	IP 7111105T	Fire Protection [Triennial]	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		4
2	03/05/2018	03/09/2018	IP 71152B	Problem Identification and Resolution	
2	03/19/2018	03/23/2018	IP 71152	Problem Identification and Resolution	
			EP - EP PROGRAM INSPECTION		3
2	03/12/2018	03/16/2018	IP 7111402	Alert and Notification System Testing	
2	03/12/2018	03/16/2018	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	

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

Enclosure

Robinson
Inspection / Activity Plan
09/01/2016 - 06/30/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
EP - EP PROGRAM INSPECTION					3
2	03/12/2018	03/16/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	03/12/2018	03/16/2018	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	03/12/2018	03/16/2018	IP 71151	Performance Indicator Verification	
RP - RP PUBLIC INSPECTION					2
2	06/11/2018	06/15/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
2	06/11/2018	06/15/2018	IP 71124.07	Radiological Environmental Monitoring Program	
2	06/11/2018	06/15/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
2	06/11/2018	06/15/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
HS - TRIENNIAL HEAT SINK PERFORMANCE					1
2	06/18/2018	06/22/2018	IP 7111107T	Heat Sink Performance	

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Enclosure