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

March 2, 2016

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

SUBJECT: ANNUAL ASSESSMENT LETTER FOR H.B. ROBINSON STEAM ELECTRIC PLANT – NRC INSPECTION REPORT 05000261/2015006

Dear Mr. Glover:

On February 10, 2016, the NRC completed its end-of-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 January 1, 2015 through December 31, 2015. 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 December 31, 2017. 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.

In response to the accident at Fukushima, the Commission issued Order EA-12-049, "Order Modifying Licenses with Regard to Requirements for Mitigation Strategies for Beyond-Design-Basis External Events." This Order requires licensees to develop, implement, and maintain guidance and strategies to maintain or restore core cooling, containment, and spent fuel pool cooling capabilities following a beyond-design-basis external event.

Additionally, the Commission issued Order EA-12-051, "Order Modifying Licenses with Regard to Reliable Spent Fuel Pool Instrumentation." This Order requires licensees to have a reliable means of remotely monitoring wide-range spent fuel pool levels to support effective prioritization of event mitigation and recovery actions in the event of a beyond-design-basis external event. The NRC is conducting audits of licensee efforts towards compliance with these Orders. The audit was completed for H.B. Robinson, Unit 2, and the information gathered will aid staff in development of the safety evaluation for the site. The NRC staff has received the final compliance letter for the site. Once the final safety evaluation is issued, the NRC staff will confirm through inspections the full implementation of the orders mentioned above by performing TI 191: Inspection of the Licensee's Responses to Mitigation Strategies Order EA-12-049, Spent Fuel Pool Instrumentation Order EA-12-051 and Emergency Preparedness Information requested by NRC in March 12, 2012.

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 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
(3/1/2016 – 12/31/2017)

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☒ PUBLICLY AVAILABLE ☐ NON-PUBLICLY AVAILABLE ☐ SENSITIVE ☒ NON-SENSITIVE
ADAMS: ☒ Yes ACCESSION NUMBER: ML16062A252 ☒ SUNSI REVIEW COMPLETE ☒ FORM 665 ATTACHED

OFFICE	RII:DRP	RII:DRP	RII:DRP			
SIGNATURE	DXW4	JSD	GTH			
NAME	D. Jackson	J. Dodson	G. Hopper			
DATE	2/24/2016	2/25/2016	2/29/2016			
E-MAIL COPY?	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\2015\END OF CYCLE\INPUT\RPB4\ROBINSON\ROB 2015 ANNUAL ASSESSMENT LETTER.DOCX

Letter to Richard Michael Glover from George T. Hopper dated March 2, 2016

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Robinson
Inspection / Activity Plan
03/01/2016 - 12/31/2017

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			PI&R	**- PROBLEM IDENTIFICATION AND RESOLUTION**	**7**
2	03/07/2016	03/11/2016	IP 71152B	Problem Identification and Resolution	
2	03/21/2016	03/25/2016	IP 71152B	Problem Identification and Resolution	
			ASM EP	**- 2016 EP ASM & RES BASELINE**	**3**
2	01/01/2016	12/31/2016	IP 7111406	Drill Evaluation	
			TI-191	**- MITIGATING STRATEGIES**	**3**
2	04/11/2016	04/15/2016	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			EP	**- EP PROGRAM INSPECTION**	**6**
2	06/20/2016	06/24/2016	IP 7111402	Alert and Notification System Testing	
2	06/20/2016	06/24/2016	IP 7111403	Emergency Preparedness Organization Staffing and Augmentation System	
2	06/20/2016	06/24/2016	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	06/20/2016	06/24/2016	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	06/20/2016	06/24/2016	IP 71151	Performance Indicator Verification	
			RP	**- RAD HAZARDS ANALYSIS AND TRANSPORTATION**	**2**
2	06/27/2016	07/01/2016	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	06/27/2016	07/01/2016	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			CDBI	**- COMPONENT DESIGN BASES INSPECTION**	**7**
2	06/27/2016	07/01/2016	IP 7111121	Component Design Bases Inspection	
2	07/18/2016	07/22/2016	IP 7111121	Component Design Bases Inspection	
2	08/01/2016	08/05/2016	IP 7111121	Component Design Bases Inspection	
2	08/15/2016	08/19/2016	IP 7111121	Component Design Bases Inspection	
			ISI	**- UNIT 2 IN-SERVICE INSPECTION & RVH EXAM**	**2**
2	02/20/2017	02/24/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			RP	**- RAD HAZARDS**	**1**
2	02/27/2017	03/03/2017	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
			SGISI	**- UNIT 2 SG IN-SERVICE INSPECTION**	**1**
2	02/27/2017	03/03/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			OL RQ	**- REQUAL INSPECTION**	**2**
2	03/06/2017	03/10/2017	IP 7111111B	Licensed Operator Requalification Program	
			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	

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

Robinson
Inspection / Activity Plan
03/01/2016 - 12/31/2017

Unit Number	Planned Dates Start	Planned Dates End	Inspection Activity	Title	No. of Staff on Site
			EP	**- EP EXERCISE**	**6**
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**	**1**
2	11/27/2017	12/01/2017	IP 7111105T	Fire Protection [Triennial]	
2	12/11/2017	12/15/2017	IP 7111105T	Fire Protection [Triennial]	

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