



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

March 1, 2017

Ernest J. Kapopoulos, Jr. 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 05000261/2016006**

Dear Mr. Kapopoulos:

The NRC has completed its end-of-cycle performance assessment of the H. B. Robinson Steam Electric Plant, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2016 through December 31, 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 concluded that overall performance at your facility preserved public health and safety.

The NRC determined the performance at the H. B. Robinson Steam Electric Plant, during the most recent quarter was within the Licensee Response Column, the highest performance category of the NRC's Reactor Oversight Process (ROP) Action Matrix, because all inspection findings had very low safety significance (i.e., Green), and all PIs were within the 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, 2018. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. Routine inspections performed by resident inspectors are not included in the inspection plan. The inspections listed during the last twelve months of the inspection plan are tentative and may be revised. 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 the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

Additionally, Temporary Instruction 2515/192, Inspection of the Licensee's Interim Compensatory Measures Associated with an Open Phase Condition (OPC) Design Vulnerability in Electric Power Systems, will be conducted before March 31, 2017.

E. Kapopoulos

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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 404-997-4609 with any questions you have regarding this letter.

Sincerely,

/RA/

Steven D. Rose, Chief
Reactor Projects Branch 4
Division of Reactor Projects

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

Enclosure:
Robinson Inspection/Activity Plan
(03/01/2017 – 12/31/2018)

cc Distribution via ListServ

E. Kapopoulos

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PLANT – NRC INSPECTION REPORT 05000261/2016006 March 1, 2017

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NAME	J Dodson	S Rose			
DATE	2/ 16 /2017	2/ 21 /2017			

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Robinson
Inspection / Activity Plan
03/01/2017 - 12/31/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			TI 192 - TI-192		2
2	01/01/2017	03/31/2017	IP 2515/192	Inspection of the Licensee's Interim Compensatory Measures Associated with the Open Phase Condition	
			ASM EP - 2017 EP ASM & RES BASELINE		2
2	01/01/2017	12/31/2017	IP 7111406	Drill Evaluation	
			ISI - UNIT 2 IN-SERVICE INSPECTION		1
2	03/06/2017	03/10/2017	IP 7111108P	Inservice Inspection Activities - PWR	
			SGISI - UNIT 2 SG IN-SERVICE INSPECTION		1
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	
			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	
2	06/19/2017	06/23/2017	IP 71151	Performance Indicator Verification	
			EP - EP EXERCISE		5
2	07/10/2017	07/14/2017	IP 7111401	Exercise Evaluation	
2	07/10/2017	07/14/2017	IP 7111404	Emergency Action Level and Emergency Plan Changes	
2	07/10/2017	07/14/2017	IP 7111408	Exercise Evaluation – Scenario Review	
2	07/10/2017	07/14/2017	IP 71151	Performance Indicator Verification	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
2	08/28/2017	09/01/2017	V23500	ROBINSON/SEPTEMBER 2017 INITIAL EXAM AT POWER FACILITIES	
			EQI - DESIGN BASES ASSURANCE INSPECTION (PROGR		3
2	09/11/2017	09/15/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
2	10/02/2017	10/06/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
2	10/16/2017	10/20/2017	IP 7111121N	Component Design Bases Inspection (Programs)	
			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]	

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

Enclosure

Robinson
Inspection / Activity Plan
03/01/2017 - 12/31/2018

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			MODS - PERMENANT PLANT MODIFICATION		3
2	02/26/2018	03/02/2018	IP 711117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			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	
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	
			ISI - UNIT 2 IN-SERVICE INSPECTION & RVH EXAM		2
2	09/24/2018	09/28/2018	IP 7111108P	Inservice Inspection Activities - PWR	
			RP - RAD HAZARD AND TRANSPORTATION		2
2	09/24/2018	09/28/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	09/24/2018	09/28/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	

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