



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

February 28, 2018

Mr. 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 UNIT 2 – REPORT 05000261/2017006, REPORT 05000261/2017402,
REPORT 05000261/2017501

Dear Mr. Kapopoulos:

The Nuclear Regulatory Commission (NRC) completed its end-of-cycle performance assessment of H.B. Robinson Steam Electric Plant Unit 2, reviewing performance indicators (PIs), inspection results, and enforcement actions from January 1, 2017, through December 31, 2017. 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 H.B. Robinson Steam Electric Plant Unit 2, 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, 2019. This updated inspection plan now includes planned security inspections which were formerly transmitted under separate correspondence. 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.

The NRC plans on conducting non-routine Inspection Procedure (IP) 71003, "Post-Approval Site Inspection for License Renewal," for Phase IV of Post-Approval License Renewal.

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 404-997-4603 with any questions you have regarding this letter.

Sincerely,

/RA/

Randall A. Musser, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure:
Robinson Inspection/Activity Plan
(03/01/2018 – 12/31/2019)

cc Distribution via ListServ

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IP 22 Inspection Activity Plan Report

Robinson

03/01/2018 - 12/31/2019

Unit	Start	End	Activity	CAC	Title	Staff Count
EVALUATIONS OF CHANGES, TESTS AND EXPERIMENTS						3
2	02/26/2018	03/02/2018	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
PROBLEM IDENTIFICATION AND RESOLUTION						4
2	03/05/2018	03/09/2018	IP 71152B	000747	Problem Identification and Resolution	
2	03/19/2018	03/23/2018	IP 71152B	000747	Problem Identification and Resolution	
EP PROGRAM INSPECTION						2
2	03/12/2018	03/16/2018	IP 71114.02	000717	Alert and Notification System Testing	
2	03/12/2018	03/16/2018	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
2	03/12/2018	03/16/2018	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2	03/12/2018	03/16/2018	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
2	03/12/2018	03/16/2018	IP 71151	001397	Performance Indicator Verification	
RP OCCUPATIONAL - WEEK 1						2
2	06/11/2018	06/15/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
2	06/11/2018	06/15/2018	IP 71124.04	000728	Occupational Dose Assessment	
2	06/11/2018	06/15/2018	IP 71124.05	000729	Radiation Monitoring Instrumentation	
2	06/11/2018	06/15/2018	IP 71151	000746	Performance Indicator Verification	
TRIENNIAL HEAT SINK PERFORMANCE						1
2	06/18/2018	06/22/2018	IP 71111.07T	000700	Heat Sink Performance -Triennial	
SECURITY BASELINE INSPECTION						3
2	06/18/2018	06/22/2018	IP 71130.02	000734	Access Control	
2	06/18/2018	06/22/2018	IP 71130.05	000737	Protective Strategy Evaluation	
2	06/18/2018	06/22/2018	IP 71151	001338	Performance Indicator Verification	
MC&A INSPECTION						2
2	07/01/2018	09/30/2018	IP 71130.11	000742	Material Control and Accounting (MC&A)	
TARGET SET						1
2	07/09/2018	07/13/2018	IP 71130.14	000743	Review of Power Reactor Target Sets	
SECURITY BASELINE INSPECTION						2
2	09/10/2018	09/14/2018	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
2	09/10/2018	09/14/2018	IP 71130.07	000739	Security Training	

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

IP 22 Inspection Activity Plan Report

UNIT 2 IN-SERVICE INSPECTION & RVH EXAM						2
2	09/24/2018	09/28/2018	IP 71111.08P	000702	Inservice Inspection Activities - PWR	
RP OCCUPATIONAL - WEEK 2						2
2	09/24/2018	09/28/2018	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
2	09/24/2018	09/28/2018	IP 71124.02	000726	Occupational ALARA Planning and Controls	
2	09/24/2018	09/28/2018	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
DUKE CORP AA/FFD/SGI SECURITY INSPECTION						2
2	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
2	11/05/2018	11/09/2018	IP 71130.06	000738	Protection of Safeguards Information	
2	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
POST-APPROVAL LR PHASE 4						2
2	12/03/2018	12/07/2018	IP 71003	000687	Post-Approval Site Inspection for License Renewal	
SECURITY BASELINE INSPECTION						1
2	01/07/2019	01/11/2019	IP 71130.01	000733	Access Authorization	
2	01/07/2019	01/11/2019	IP 71130.06	000738	Protection of Safeguards Information	
2	01/07/2019	01/11/2019	IP 71130.08	000740	Fitness For Duty Program	
ROBINSON REQUAL INSPECTION						2
2	01/14/2019	01/18/2019	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance - Biennial	
DESIGN BASES ASSURANCE INSPECTION (TEAM)						6
2	04/08/2019	04/12/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
2	04/29/2019	05/03/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
2	05/13/2019	05/17/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
EP EXERCISE INSPECTION						6
2	05/20/2019	05/24/2019	IP 71114.01	000716	Exercise Evaluation	
2	05/20/2019	05/24/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
2	05/20/2019	05/24/2019	IP 71114.08	000723	Exercise Evaluation Scenario Review	
2	05/20/2019	05/24/2019	IP 71151	001397	Performance Indicator Verification	
SECURITY BASELINE INSPECTION						1
2	06/03/2019	06/07/2019	IP 71130.02	000734	Access Control	
2	06/03/2019	06/07/2019	IP 71151	001338	Performance Indicator Verification	
ROBINSON INITIAL LICENSE EXAM						4
2	08/12/2019	08/16/2019	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
2	09/16/2019	09/27/2019	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	

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IP 22 Inspection Activity Plan Report

RP RADHAZARD & PUBLIC

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2	10/07/2019	10/11/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls
2	10/07/2019	10/11/2019	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment
2	10/07/2019	10/11/2019	IP 71124.07	000731	Radiological Environmental Monitoring Program
2	10/07/2019	10/11/2019	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation
2	10/07/2019	10/11/2019	IP 71151	000746	Performance Indicator Verification
