



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

March 4, 2019

Ernest J. Kapopoulos, Jr.
Site Vice President
H. B. Robinson Steam Electric Plant
Duke Energy Progress, LLC
3581 West Entrance Road, RNPA01
Hartsville, SC 29550

SUBJECT: ANNUAL ASSESSMENT LETTER FOR H.B. ROBINSON STEAM ELECTRIC PLANT UNIT 2 – REPORT 05000261/2018006, REPORT 05000261/2018402, REPORT 05000261/2018501

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, 2018, through December 31, 2018. 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, 2020. 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. You should be aware that the agency has proposed changes regarding engineering inspections (SECY-18-0113, "Recommendations for Modifying the Reactor Oversight Process Engineering Inspections") and is drafting proposed changes to the ROP for Commission consideration. Should the Commission approve changes to the ROP, the engineering and other region-based inspections are subject to change in scope, as well as schedule, beginning in January 2020. 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 will be in contact with your staff to schedule completion of Temporary Instruction (TI) 2515/194, "Inspection of the Licensee's Implementation of Industry Initiative Associated With the Open Phase Condition Design Vulnerabilities In Electric Power Systems (NRC Bulletin 2012-01)." The NRC intends to complete this inspection in 2019.

This letter, its enclosure, and your response (if any) will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with 10 CFR 2.390, "Public Inspections, Exemptions, Requests for Withholding."

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
(03/01/2019 – 12/31/2020)

cc Distribution via ListServ

SUBJECT: ANNUAL ASSESSMENT LETTER FOR H.B. ROBINSON STEAM ELECTRIC
PLANT UNIT 2 – REPORT 05000261/2018006, REPORT 05000261/2018402,
REPORT 05000261/2018501 March 4, 2019

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ADAMS Accession No. ML19063A727

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|--------|-----------|-----------|-----------|--|--|
| OFFICE | RII:DRP | RII:DRP | RII:DRP | | |
| NAME | RTaylor | AWilson | RMusser | | |
| DATA | 2/26/2019 | 2/26/2019 | 2/27/2019 | | |

OFFICIAL RECORD COPY

IP 22 Inspection Activity Plan Report

Robinson

03/01/2019 - 12/31/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|--|------------|------------|--------------|--------|---|-------------|
| ROBINSON REQUAL INSPECTION | | | | | | |
| 2 | 02/25/2019 | 03/01/2019 | IP 71111.11B | 000704 | Licensed Operator Requalification Program and Licensed Operator Performance (Biennial) | 2 |
| SECURITY BASELINE INSPECTION | | | | | | |
| 2 | 04/01/2019 | 04/05/2019 | IP 71130.05 | 000737 | Protective Strategy Evaluation | 3 |
| DESIGN BASES ASSURANCE INSPECTION (TEAM) | | | | | | |
| 2 | 04/29/2019 | 05/03/2019 | IP 71111.21M | 000713 | Design Bases Assurance Inspection (Teams) | 6 |
| 2 | 05/13/2019 | 05/17/2019 | IP 71111.21M | 000713 | Design Bases Assurance Inspection (Teams) | |
| EMERGENCY PREPAREDNESS EXERCISE | | | | | | |
| 2 | 05/20/2019 | 05/24/2019 | IP 71114.01 | 000716 | Exercise Evaluation | |
| 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 | | | | | | |
| 2 | 06/03/2019 | 06/07/2019 | IP 71130.02 | 000734 | Access Control | 1 |
| 2 | 06/03/2019 | 06/07/2019 | IP 71151 | 001338 | Performance Indicator Verification | |
| ROBINSON INITIAL LICENSE EXAM | | | | | | |
| 2 | 08/12/2019 | 08/16/2019 | OV | 000956 | VALIDATION OF INITIAL LICENSE EXAMINATION (OV) | 4 |
| 2 | 09/16/2019 | 09/27/2019 | EXAD | 000500 | LICENSE EXAM ADMINISTRATION (EXAD) | |
| RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION | | | | | | |
| 2 | 10/07/2019 | 10/11/2019 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | 4 |
| 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 | |
| PROBLEM IDENTIFICATION AND RESOLUTION | | | | | | |
| 2 | 02/10/2020 | 02/14/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |
| 2 | 02/24/2020 | 02/28/2020 | IP 71152B | 000747 | Problem Identification and Resolution | |

This report does not include INPO and OUTAGE activities.

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

Page 1 of 2

Enclosure

IP 22 Inspection Activity Plan Report

Robinson

03/01/2019 - 12/31/2020

| Unit | Start | End | Activity | CAC | Title | Staff Count |
|--|------------|------------|--------------|--------|--|-------------|
| FORCE-ON-FORCE PLANNING AND EXERCISE | | | | | | |
| 2 | 03/02/2020 | 03/06/2020 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing | 6 |
| 2 | 03/23/2020 | 03/27/2020 | IP 71130.03 | 000735 | Contingency Response - Force-On-Force Testing | |
| CYBER SECURITY | | | | | | |
| 2 | 05/18/2020 | 05/23/2020 | IP 71130.10P | 000741 | Cyber Security | 4 |
| 2 | 06/08/2020 | 06/12/2020 | IP 71130.10P | 000741 | Cyber Security | |
| SECURITY BASELINE INSPECTION | | | | | | |
| 2 | 08/17/2020 | 08/21/2020 | IP 71130.02 | 000734 | Access Control | 3 |
| 2 | 08/17/2020 | 08/21/2020 | IP 71130.04 | 000736 | Equipment Performance, Testing, and Maintenance | |
| 2 | 08/17/2020 | 08/21/2020 | IP 71130.07 | 000739 | Security Training | |
| 2 | 08/17/2020 | 08/21/2020 | IP 71151 | 001338 | Performance Indicator Verification | |
| RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1 | | | | | | |
| 2 | 09/14/2020 | 09/18/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | 3 |
| 2 | 09/14/2020 | 09/18/2020 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 2 | 09/14/2020 | 09/18/2020 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 2 | 09/14/2020 | 09/18/2020 | IP 71124.04 | 000728 | Occupational Dose Assessment | |
| 2 | 09/14/2020 | 09/18/2020 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2 | | | | | | |
| 2 | 09/28/2020 | 10/02/2020 | IP 71124.01 | 000725 | Radiological Hazard Assessment and Exposure Controls | 2 |
| 2 | 09/28/2020 | 10/02/2020 | IP 71124.02 | 000726 | Occupational ALARA Planning and Controls | |
| 2 | 09/28/2020 | 10/02/2020 | IP 71124.03 | 000727 | In-Plant Airborne Radioactivity Control and Mitigation | |
| 2 | 09/28/2020 | 10/02/2020 | IP 71124.04 | 000728 | Occupational Dose Assessment | |
| 2 | 09/28/2020 | 10/02/2020 | IP 71124.05 | 000729 | Radiation Monitoring Instrumentation | |
| UNIT 2 IN-SERVICE INSPECTION +SG | | | | | | |
| 2 | 10/12/2020 | 10/16/2020 | IP 71111.08P | 000702 | Inservice Inspection Activities (PWR) | 2 |
| DESIGN BASES ASSURANCE INSPECTION (PROGRAMS) | | | | | | |
| 2 | 11/30/2020 | 12/04/2020 | IP 71111.21N | 000714 | Design Bases Assurance Inspection (Programs) | 3 |
| 2 | 12/14/2020 | 12/18/2020 | IP 71111.21N | 000714 | Design Bases Assurance Inspection (Programs) | |

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