



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

October 28,2020

Mr. Jeffrey Remick
Director, Nuclear Plant Security
Duke Energy Progress, LLC
H.B. Robinson Steam Electric Plant
3581 West Entrance Road (RNPA12)
Hartsville, SC 29550

SUBJECT: H.B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2 – SECURITY BASELINE
INSPECTION REPORT 05000261/2020401

Dear Mr. Remick:

On October 15, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at H.B. Robinson Steam Electric Plant, Unit 2 and discussed the results of this inspection with you and other members of your staff. The results of this inspection are documented in the enclosed report.

No findings or violations of more than minor significance were identified during this inspection.

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 Title 10 of the *Code of Federal Regulations* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

/RA/

James C. Shehee, Chief
Plant Support Branch
Div of Reactor Safety

Docket No. 05000261
License No. DPR-23

Enclosure:
As stated,
cc w/ encl: Distribution via LISTSERV®

J. Remick

cc:

Brian Bernard, General Manager
Nuclear Protective Services
Duke Energy Corporation
526 South Church Street, Phase II, EC5ZD
Charlotte, NC 28202

J. Remick

SUBJECT: H.B. ROBINSON STEAM ELECTRIC PLANT, UNIT 2 – SECURITY BASELINE
INSPECTION REPORT 05000261/2020401 DATED: October 28, 2020

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DATE	10/27/2020	10/27/2020	10/27/2020	10/27/2020	10/28/2020

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**U.S. NUCLEAR REGULATORY COMMISSION
Inspection Report**

Docket Number: 05000261

License Number: DPR-23

Report Number: 05000261/2020401

Enterprise Identifier: I-2020-401-0043

Licensee: Duke Energy Progress, LLC

Facility: H.B. Robinson Steam Electric Plant, Unit 2

Location: Hartsville, SC

Inspection Dates: August 3, 2020 to August 6, 2020 (Remote)
September 21, 2020 – September 24, 2020 (Onsite)
October 14, 2020 – October 15, 2020 (Onsite)

Inspectors: J. Justice, Physical Security Inspector
J. Wallo, Senior Physical Security Inspector
I. Hall, Physical Security Inspector

Approved By: James C. Shehee, Chief
Plant Support Branch
Div of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a security baseline inspection at H.B. Robinson Steam Electric Plant, Unit 2, in accordance with the Reactor Oversight Process. The Reactor Oversight Process is the NRC's program for overseeing the safe operation of commercial nuclear power reactors. Refer to <https://www.nrc.gov/reactors/operating/oversight.html> for more information.

List of Findings and Violations

No findings or violations of more than minor significance were identified.

Additional Tracking Items

None.

INSPECTION SCOPES

Unless otherwise noted, baseline security inspections were conducted in accordance with the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter 2201, "Security Inspection Program for Commercial Nuclear Power Reactors." The inspectors reviewed selected procedures and records, observed activities, and interviewed personnel to assess licensee performance and compliance with Commission rules and regulations, license conditions, site procedures, and standards. Publicly available IPs are located at: <http://www.nrc.gov/reading-rm/doc-collections/insp-manual/inspection-procedure/index.html>.

Starting on March 20, 2020, in response to the National Emergency declared by the President of the United States on the public health risks of the coronavirus (COVID-19), regional inspectors were directed to begin telework. The inspection documented below was completed through a combination of remote and onsite inspection.

SAFEGUARDS

71130.02 - Access Control

The inspectors evaluated the access control program through completion of the following inspection elements:

Access Control (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: None
 - Tier III: 1 Requirement (02.09)

71130.04 - Equipment Performance, Testing, and Maintenance

The inspectors evaluated the security equipment testing and maintenance program through completion of the following inspection elements:

Equipment Performance, Testing, and Maintenance (1 Sample)

- (1)
 - Tier I: All requirements
 - Tier II: None
 - Tier III: 02.14

71130.07 - Security Training

The inspectors evaluated the security training program through completion of the following procedure elements:

Security Training (1 Sample)

- (1)
 - Tier I: All Requirements
 - Tier II: None
 - Tier III: 02.10

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements: Security Plan Revision 13 was implemented based on your determination, in accordance with 10 CFR 50.54(p)(2), that the changes resulted in no decrease in safeguards effectiveness of the security plan, and that the revised security plan continues to meet the requirements of 10 CFR 73.55(b). The inspectors conducted a review of the security plan changes to evaluate for potential decreases in safeguards effectiveness of the security plan. However, this review does not constitute formal NRC approval of the changes. Therefore, these changes remain subject to future NRC inspection in their entirety.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification

The inspectors verified licensee performance indicators submittals listed below:

PP01: Protected Area Security Equipment Performance Index Sample (IP Section 02.17) (1 Sample)

- (1) July 2019 through July 2020.

INSPECTION RESULTS

No findings were identified.

EXIT MEETINGS AND DEBRIEFS

The inspectors verified no proprietary information was retained or documented in this report.

- On October 15, 2020, the inspectors presented the security baseline inspection results to Jeffrey Remick and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Miscellaneous		Various Key, Lock, and Core Control Records	
71130.02	Procedures	AD-SY-ALL-0110	Protection of Information Related to Nuclear Security	6
71130.02	Procedures	AD-SY-ALL-0210	Site Access Controls	5
71130.02	Procedures	AD-SY-ALL-0215	Security Search and Entry Processing	4
71130.02	Procedures	AD-SY-ALL-0240	Security Key and Lock Control	1
71130.02	Procedures	AD-SY-ALL-0301	Nuclear Worker Unescorted Access Authorization Program	6
71130.02	Procedures	AD-SY-ALL-0310	Access Authorization Processing	5
71130.02	Procedures	AD-SY-ALL-0370	Access Processing of Foreign Nationals	1
71130.02	Procedures	AD-SY-ALL-0451	Behavior Observation Program	1
71130.02	Procedures	PO-SY-RNP-0210	Final Access Control (FAC)	9
71130.02	Procedures	PO-SY-RNP-0213	Visitor Processing	11
71130.02	Procedures	PO-SY-RNP-0220	Sally Port Operations	12
71130.02	Procedures	PO-SY-RNP-0222	SEP Search Officer	2
71130.02	Procedures	PO-SY-RNP-0223	Vehicle Barrier Access Point (VBAP) Contact Officer	1
71130.02	Procedures	PO-SY-RNP-0281	Controlled Access Area (CAA) and Use of SGI Outside the CAA	4
71130.02	Procedures	PO-SY-RNP-0290	RNP Security Keys and Lock Controls	1
71130.02	Self-Assessments	RNP 2020 Baseline Security Self-Assessment Report		06/08/2020
71130.04	Miscellaneous		Various Intrusion Detection System Testing and Maintenance Records	
71130.04	Miscellaneous		Various Security Communications Testing and Maintenance Records	
71130.04	Miscellaneous		Various Security Uninterruptible Power Supply Testing and	

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
			Maintenance Records	
71130.04	Miscellaneous		Various Search Equipment Testing and Maintenance Records	
71130.04	Procedures	AD-SY-ALL-0580	Weapons Maintenance, Testing, and Accountability	6
71130.04	Procedures	AD-SY-ALL-0625	Security Owner Controlled Area (SOCA) Surveillance Systems Maintenance and Testing	0
71130.04	Procedures	SP-012	Verification of Security System Component Operation	88
71130.04	Procedures	SP-021	Security System Tamper Test	029
71130.07	Miscellaneous		Various Qualification Courses of Fire and Associated Approvals	
71130.07	Miscellaneous		Various Security Training Lesson Plans	
71130.07	Miscellaneous		Various Security Officer Training Records and Documentation	
71130.07	Procedures	AD-SY-ALL-0510	Security Program Systematic Approach to Training	4
71130.07	Procedures	AD-SY-ALL-0520	Security Training	5
71130.07	Procedures	AD-SY-ALL-0524	Security On-The-Job (OJT) and Task Performance Evaluation (TPE)	1
71130.07	Procedures	AD-SY-ALL-0540	Security Range Safety and Control	8
71130.07	Procedures	AD-SY-ALL-0560	Security Drill and Exercise Program	6
71130.07	Procedures	PY-SY-ALL-0005	Use of Force Policy	1
71130.07	Procedures	TG-SY-ALL-0500	Conduct of Fleet Courses of Fire and Physical Fitness Test (PFT)	8
71130.09	Procedures		Robinson Nuclear Plant Physical Security Plan	13
71151	Procedures	AD-PI-ALL-0700	Performance Indicators	4