



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

October 30, 2020

Mr. Scott West
Director, Nuclear Plant Security
Duke Energy Progress, LLC
Brunswick Steam Electric Plant, Units 1 and 2
8470 River Rd. SE
Southport, NC 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 – SECURITY
BASELINE INSPECTION REPORT 05000324/2020401 AND 05000325/2020401

Dear Mr. West:

On October 6, 2020, the U.S. Nuclear Regulatory Commission (NRC) completed an inspection at Brunswick Steam Electric Plant, Units 1 and 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 Nos. 05000324 and 05000325

License Nos. DPR-62 and DPR-71

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

S. West

cc:

Sabrina Salazar
Manager, Nuclear Support Services Brunswick Steam Electric Plant
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Southport, NC 28461-0429

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S. West

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DATED: October 30, 2020

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ADAMS ACCESSION NUMBER: **ML20304A465**

OFFICE	RII/DRS/PSB	RII/DRP/BR4	RII/DRS/PSB		
NAME	J. Justice	S. Bailey	J. Shehee		
DATE	10/27/2020	10/28/2020	10/30/2020		

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

Docket Numbers: 05000324 and 05000325

License Numbers: DPR-62 and DPR-71

Report Numbers: 05000324/2020401 and 05000325/2020401

Enterprise Identifier: I-2020-401-0044

Licensee: Duke Energy Progress, LLC

Facility: Brunswick Steam Electric Plant, Units 1 and 2

Location: Southport, NC

Inspection Dates: September 30, 2020 to October 1, 2020 (Remote)
October 05, 2020 to October 06, 2020 (Onsite)

Inspectors: J. Justice, 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 Brunswick Steam Electric Plant, Units 1 and 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: 02.09

71130.09 - Security Plan Changes

The inspectors evaluated the security plan changes through completion of the following procedure elements: Security Plan Revision 13 and 14 were 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 September 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 6, 2020, the inspectors presented the security baseline inspection results to Scott West and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description or Title	Revision or Date
71130.02	Corrective Action Documents	02297862		
		02319830		
		02322325		
		02335626		
		02531804		
	Miscellaneous		Various Key and Lock Control Records	
	Procedures	0AOP-40.0	Security Events	34
		0PEP-03.8.2	Personnel Accountability and Evacuation	25
		AD-SY-ALL-0110	Protection of Information Related to Nuclear Security	6
		AD-SY-ALL-0210	Site Access Controls	6
		AD-SY-ALL-0215	Security Search and Entry Processing	5
AD-SY-ALL-0240		Security Key and Lock Controls	1	
Self-Assessments		Access Control and PI Data Self-Assessment Report	08/25/2020	
71130.09	Procedures		Brunswick Nuclear Plant Security Plan	13 and 14
71151	Procedures	AD-PI-ALL-0700	Performance Indicators	4
		AD-SY-ALL-0150	Reporting of Safeguards, Security, and Fitness for Duty Events	4