



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

November 22, 2019

Mr. Scott D. West
Director–Nuclear Plant Security
Brunswick Steam Electric Plant
8470 River Rd. SE
Southport, NC 28461

SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT – U.S. NUCLEAR REGULATORY
COMMISSION SECURITY INSPECTION REPORT 05000325/2019412 AND
05000324/2019412

Dear Mr. West:

On Oct 24, 2019, the U.S. Nuclear Regulatory Commission (NRC) completed a security baseline inspection at your Brunswick Steam Electric Plant, Units 1 and 2 and discussed the results of this inspection with Mr. J. Krakuszeski and other members of your staff. The results of this inspection are documented in the enclosed report.

No NRC-Identified or self-revealing findings were identified during the inspections.

This letter will be made available for public inspection and copying at <https://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."

Sincerely,

/RA/

Binoy Desai, Chief
Plant Support Branch
Division of Reactor Safety

Docket Nos. 50-325 and 50-324
License Nos. DPR-71 and DPR-62

Enclosure:
NRC IR 05000325/2019412, 324/2019412

cc: (See page 3)

cc:

Brian W. Bernard
Director – Nuclear Security Services
Duke Energy Corporation
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Charlotte, NC 28202

Sabrina Salazar
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ADAMS: ☒ Yes ACCESSION NUMBER: **ML19326A189** ☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII/ DRS	RII/DRS	RII/DRS	RII/DRP	RII/DRS
NAME	JShehee	RPatterson	JBrown	BDavis	BDesai
DATE	11/19/2019	11/14/2019	11/20/2019	11/20/2019	11/18/2019

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U.S. NUCLEAR REGULATORY COMMISSION

Inspection Report

Docket Nos: 05000325 and 05000324

License Nos: DPR-71 and DPR-62

Report Nos: 05000325/2019412 and 05000324/2019412

Enterprise Identifier: I-2019-412-0007

Licensee: Duke Energy Carolinas, LLC.

Facility: Brunswick Steam Electric Plant, Units 1 and 2

Location: Southport, NC

Dates: October 21 - 24, 2019

Inspectors: James Shehee, Senior Physical Security Inspector
Jonathan Brown, Physical Security Inspector
Randy Patterson, Physical Security Inspector

Approved by: Binoy Desai, Chief
Plant Support Branch
Division of Reactor Safety

Enclosure

SUMMARY

The U.S. Nuclear Regulatory Commission (NRC) continued monitoring the licensee's performance by conducting a Baseline Security 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. NRC and self-revealed findings, violations, and additional items are summarized in the table below.

List of Findings and Violations

No findings were identified.

INSPECTION SCOPE

Inspections were conducted using the appropriate portions of the inspection procedures (IPs) in effect at the beginning of the inspection unless otherwise noted. Samples were declared complete when the IP requirements most appropriate to the inspection activity were met consistent with Inspection Manual Chapter (IMC) 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.

SAFEGUARDS

71130.02 - Access Control (1 Sample)

The inspectors evaluated the access control program. The following elements were evaluated from this IP dated August 23, 2018.

Tier I: All 19 requirements
Tier II: 02.06 (a-d), 02.07(a), 02.08 (a), (e), (i)
Tier III: 02.10 (a)

71130.05 - Protective Strategy Evaluation (2 Samples)

The inspectors evaluated the Protective Strategy and Security Performance Evaluation Program. The following elements were evaluated from this IP dated December 10, 2018:

Protective Strategy Evaluation (2 Samples)

- (1)
 - Tier I: all requirements
 - Tier II: all requirements
 - Tier III: 02.08; 02.09 (b), (c); 02.11 (a)
- (2) The inspectors observed the performance of a licensee conducted exercise.

OTHER ACTIVITIES – BASELINE

71151 - Performance Indicator Verification (1 Sample)

The inspectors verified licensee performance indicators submittals for the period from September 2018, through September 2019.

EXIT MEETINGS AND DEBRIEFS

On Oct 24, 2019, the inspectors presented the Baseline Security Inspection results to Mr. J. Krakuszeski and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description of Title	Revision & Date
71130.02	Procedures	AD-SY-ALL-0110	Protection of Information Related to Nuclear Security	Rev. 5
		AD-SY-ALL-0210	Site Access Control	Rev. 2
		AD-SY-ALL-0215	Security Search and Entry Processing	Rev. 0
		AD-SY-ALL-0240	Security Key and Lock Controls	Rev. 0
		AD-RI-ALL-0700	Performance Indicators	Rev. 2
71130.05	Procedures		BNP Blast Security Calculation and Documentation Review	July 2016
		OSI-05	Security Post Duties, Responsibilities and Patrol Procedures	Rev. 75
		OSI-29	Defensive Strategy Procedures	Rev. 23
		OSI-14	Law Enforcement Response Plan	Rev. 65
71130.02 & 71130.05	Condition Reports	18-02234781		
		19-02257312		
		19-02258230		
		19-02258720		
		19-02267883		
		19-02277019		
		19-02282624		
		19-02282624		