



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

May 17, 2019

Mr. Scott West
Director–Nuclear Plant Security
Brunswick Steam Electric Plant
P.O. Box 10429
Southport, NC 28461

**SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT – U.S. NUCLEAR REGULATORY
COMMISSION SECURITY INSPECTION REPORT 05000325/2019411 AND
05000324/2019411**

Dear Mr. West:

On April 17, 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. R. Gideon 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,

S. West

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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 05000325/2019411, 324/2019411

cc: (See page 3)

cc:

Brian W. Bernard
Director – Nuclear Security Services
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Jerry L. Pierce
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SUBJECT: BRUNSWICK STEAM ELECTRIC PLANT – U.S. NUCLEAR REGULATORY COMMISSION SECURITY INSPECTION REPORT 05000325/2019411 AND 05000324/2019411 dated May 17, 2019

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 ADAMS: Yes ACCESSION NUMBER: **ML191137A271** SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII/ DRS/PSB	RII/DRS/PSB	RII/DRS/PSB	RII/DRP	RII/DRS/PSB
SIGNATURE	JHW2	JOB2	BBD	BJD4	BBD
NAME	J. WALLO	J. BROWN	B. DESAI	B. Davis	B. DESAI
DATE	5/15/2019	5/15/2019	5/15/2019	5/16/2019	5/17/2019
	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY *****DOCUMENT NAME: G:\DRSII\PSBII\REACTORS\surry\Reports\2019\ Brunswick Insp Report 2019411. docx

U.S. NUCLEAR REGULATORY COMMISSION

Inspection Report

Docket Nos: 05000325 and 05000324

License Nos: DPR-71 and DPR-62

Report Nos: 05000325/2019411 and 05000324/2019411

Enterprise Identifier: I-2019-411-004

Licensee: Duke Energy Carolinas, LLC.

Facility: Brunswick Steam Electric Plant, Units 1 and 2

Location: Southport, NC

Dates: April 15-17, 2019

Inspectors: Jon Wallo, Senior Physical Security Inspector
Jonathan Brown, 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 Surry Power Station, 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

71130.04 - Equipment Performance, Testing, and Maintenance (1 Sample)

The inspectors evaluated the security testing and maintenance program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: all 38 requirements
Tier II: 4 requirements 02.09 (a); 02.12 (a); 02.13 (a), (d)
Tier III: 2 requirements 02.14; 02.15 (a)

71130.07 - Security Training (1 Sample)

The inspectors evaluated the nuclear security training program. The following elements were evaluated from this IP dated January 1, 2019.

Tier I: all 16 requirements
Tier II: 8 requirements 02.05 (a), (b), (c), (d); 02.06 (a), (b); 02.09 (a)
Tier III: 5 requirements 02.10, 02.11(a); 02.13 (a), (b), (c)

EXIT MEETINGS AND DEBRIEFS

On April 17, 2019, the inspectors presented the Baseline Security Inspection results to Mr. R. Gideon and other members of the licensee staff.

DOCUMENTS REVIEWED

Inspection Procedure	Type	Designation	Description of Title	Revision & Date
71130.07	Procedures	AD-SY-ALL-0524	Security Training OJT and Task Performance Evaluation (TPE)	Rev. 0
		AD-SY-ALL-0520	Security Training	Rev. 4
		AD-SY-ALL-0510	Security Program Systematic Approach to Training	Rev. 3
		2019-BNP-SEC-01	Functional Area Audit	dated 2/14/2019
			Various Security Officer Training Records	
71130.04	Procedures		Brunswick Nuclear Plant Safeguards Events Logs	
			Various Weapons Maintenance Records	
			Various IDS Operability and Performance Test Records	
		0SI-12	Maintenance and Testing of Security Systems	Rev. 65
71130.04	Condition Reports	02173723		
		02269002		
		02269002		
		02173719		
		02186975		
		02268878		
		02186975		
		02268878		
	02269004			