



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II**

245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

August 23, 2018

William R. Gideon
Site Vice President
Brunswick Steam Electric Plant
8470 River Rd. SE (M/C BNP001)
Southport, NC 28461

SUBJECT: UPDATED INSPECTION PLAN FOR BRUNSWICK STEAM ELECTRIC PLANT,
UNITS 1 AND 2, NRC REPORT 05000325/2018005 AND 05000324/2018005

Dear Mr. Gideon:

The enclosed inspection plan lists the inspections scheduled through June 30, 2020 for Brunswick Steam Electric Plant, Units 1 and 2. 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. 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.

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 404-997-4609 with any questions you have regarding this letter.

Sincerely,

/RA/

Steven D. Rose, Chief
Reactor Projects Branch 4
Division of Reactor Projects

Docket Nos.: 50-325, 50-324
License Nos.: DPR-71, DPR-62

Enclosure:
Brunswick Inspection Activity Plan
(09/01/2018 – 06/30/2020)

cc Distribution via ListServ

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UNITS 1 AND 2, NRC REPORT 05000325/2018005 AND 05000324/2018005
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ADAMS Accession No. ML18235A015

OFFICE	RII/DRP	RII/DRP			
NAME	JDodson	SRose			
DATE	8/17/2018	8/22/2018			

OFFICIAL AGENCY RECORD

IP 22 Inspection Activity Plan Report

Brunswick

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
BRUNSWICK REQUAL INSPECTION						2
1, 2	09/10/2018	09/14/2018	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance (Biennial)	
SECURITY BASELINE INSPECTION						1
1, 2	09/24/2018	09/28/2018	IP 71130.02	000734	Access Control	
1, 2	09/24/2018	09/28/2018	IP 71151	001338	Performance Indicator Verification	
BRUNSWICK INITIAL LICENSE EXAM						5
1, 2	10/22/2018	10/26/2018	OV	000956	VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1, 2	11/26/2018	12/07/2018	EXAD	000500	LICENSE EXAM ADMINISTRATION (EXAD)	
DUKE CORP AA/FFD/SGI SECURITY INSPECTION						2
1, 2	11/05/2018	11/09/2018	IP 71130.01	000733	Access Authorization	
1, 2	11/05/2018	11/09/2018	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	11/05/2018	11/09/2018	IP 71130.08	000740	Fitness For Duty Program	
FORCE-ON-FORCE PLANNING & EXERCISE						7
1, 2	11/26/2018	11/30/2018	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
1, 2	12/17/2018	12/21/2018	IP 71130.03	000735	Contingency Response - Force-On-Force Testing	
SECURITY BASELINE INSPECTION						1
1, 2	01/28/2019	02/01/2019	IP 71130.01	000733	Access Authorization	
1, 2	01/28/2019	02/01/2019	IP 71130.06	000738	Protection of Safeguards Information	
1, 2	01/28/2019	02/01/2019	IP 71130.08	000740	Fitness For Duty Program	
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 1						2
1, 2	03/04/2019	03/08/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	03/04/2019	03/08/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	03/04/2019	03/08/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	03/04/2019	03/08/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	03/04/2019	03/08/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
UNIT 2 IN-SERVICE INSPECTION						1
2	03/11/2019	03/15/2019	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	

IP 22 Inspection Activity Plan Report

Brunswick

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RP OCCUPATIONAL RAD SAFETY BASELINE INSPECTION - WEEK 2						3
1, 2	04/01/2019	04/05/2019	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
1, 2	04/01/2019	04/05/2019	IP 71124.02	000726	Occupational ALARA Planning and Controls	
1, 2	04/01/2019	04/05/2019	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation	
1, 2	04/01/2019	04/05/2019	IP 71124.04	000729	Occupational Dose Assessment	
1, 2	04/01/2019	04/05/2019	IP 71124.05	000729	Radiation Monitoring Instrumentation	
SECURITY BASELINE INSPECTION						2
1, 2	04/15/2019	04/19/2019	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1, 2	04/15/2019	04/19/2019	IP 71130.07	000739	Security Training	
PROBLEM IDENTIFICATION AND RESOLUTION						5
1, 2	05/06/2019	05/10/2019	IP 71152B	000747	Problem Identification and Resolution	
1, 2	05/20/2019	05/24/2019	IP 71152B	000747	Problem Identification and Resolution	
EMERGENCY PREPAREDNESS PROGRAM INSPECTION						2
1, 2	07/08/2019	07/12/2019	IP 71114.02	000717	Alert and Notification System Testing	
1, 2	07/08/2019	07/12/2019	IP 71114.03	000718	Emergency Response Organization Staffing and Augmentation System	
1, 2	07/08/2019	07/12/2019	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes	
1, 2	07/08/2019	07/12/2019	IP 71114.05	000720	Correction of Emergency Preparedness Weaknesses and Deficiencies	
1, 2	07/08/2019	07/12/2019	IP 71151	001397	Performance Indicator Verification	
DESIGN BASES ASSURANCE INSPECTION (TEAM)						6
1, 2	07/29/2019	08/02/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
1, 2	08/19/2019	08/23/2019	IP 71111.21M	000713	Design Bases Assurance Inspection (Teams)	
SECURITY BASELINE INSPECTION						3
1, 2	10/21/2019	10/25/2019	IP 71130.02	000734	Access Control	
NFPA 805 TRIENNIAL FIRE PROTECTION INSPECTION						4
1, 2	02/03/2020	02/07/2020	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
1, 2	02/24/2020	02/28/2020	IP 71111.05XT	000697	Fire Protection - NFPA 805 (Triennial)	
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						2
1, 2	03/02/2020	03/06/2020	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	

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Brunswick

09/01/2018 - 06/30/2020

Unit	Start	End	Activity	CAC	Title	Staff Count
RP OCCUPATIONAL RAD SAFETY RAD HAZARDS & TRANSPORTATION BASELINE INSPECTION						2
1, 2	03/02/2020	03/06/2020	IP 71124.08	000732	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
UNIT 1 IN-SERVICE INSPECTION						1
1	03/09/2020	03/13/2020	IP 71111.08G	000701	Inservice Inspection Activities (BWR)	
EVALUATIONS OF CHANGES, TESTS, AND EXPERIMENTS						3
1, 2	05/18/2020	05/22/2020	IP 71111.17T	000709	Evaluations of Changes, Tests, and Experiments	
RP PUBLIC RAD SAFETY BASELINE INSPECTION						2
1, 2	06/15/2020	06/19/2020	IP 71124.06	000730	Radioactive Gaseous and Liquid Effluent Treatment	
1, 2	06/15/2020	06/19/2020	IP 71124.07	000731	Radiological Environmental Monitoring Program	