



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

August 28, 2017

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 INSPECTION REPORT 05000325/2017005 AND
05000324/2017005**

Dear Mr. Gideon:

The enclosed inspection plan lists the inspections scheduled through June 30, 2019, for the 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 inspection plan does not include the plan for security-related inspections, which will be sent via separate, non-publicly available correspondence.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) 2.390 of the NRC's "Rules of Practice," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

W. Gideon

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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
(09/01/2016 – 06/30/2019)

cc Distribution via ListServ

SUBJECT: UPDATED INSPECTION PLAN FOR FOR BRUNSWICK STEAM ELECTRIC PLANT, UNITS 1 AND 2 – NRC INSPECTION REPORT 05000325/2017005 AND 05000324/2017005 August 28, 2017

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ADAMS Accession No. ML17240A207

OFFICE	RII:DRP	RII:DRP	RII: DRP			
NAME	DJackson	JDodson	SRose			
DATE	8/15/2017	8/15/2017	8/28/2017			

OFFICIAL AGENCY RECORD

Brunswick
Inspection / Activity Plan
 09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			MODS - PLANT MODIFICATIONS INSPECTION		2
1,2	10/16/2017	10/20/2017	IP 7111117T	Evaluations of Changes, Tests, and Experiments	
			TI-191 - MITIGATING STRATEGIES		3
1,2	01/29/2018	02/02/2018	IP 2515/191	Inspection of Licensee's Responses to Order EA-12-049, EA-12-051 & EP Info Request March 12, 2012	
			RP - RAD HAZARDS AND TRANSPORTATION		2
1,2	03/05/2018	03/09/2018	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	03/05/2018	03/09/2018	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			ISI - UNIT 1 IN-SERVICE INSPECTION		1
1	03/12/2018	03/16/2018	IP 7111108G	Inservice Inspection Activities - BWR	
			EQI - DESIGN BASES ASSURANCE INSPECTION (PROGR		3
1,2	04/02/2018	04/06/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1,2	04/23/2018	04/27/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
1,2	05/07/2018	05/11/2018	IP 7111121N	Design Bases Assurance Inspection (Programs)	
			RP - RP PUBLIC INSPECTION		2
1,2	06/04/2018	06/08/2018	IP 71124.06	Radioactive Gaseous and Liquid Effluent Treatment	
1,2	06/04/2018	06/08/2018	IP 71124.07	Radiological Environmental Monitoring Program	
1,2	06/04/2018	06/08/2018	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	06/04/2018	06/08/2018	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			HS - TRIENNIAL HEAT SINK PERFORMANCE		1
1,2	07/09/2018	07/13/2018	IP 7111107T	Heat Sink Performance	
			EP - EP EXERCISE		8
1,2	07/30/2018	08/03/2018	IP 7111401	Exercise Evaluation	
1,2	07/30/2018	08/03/2018	IP 7111404	Emergency Action Level and Emergency Plan Changes	
1,2	07/30/2018	08/03/2018	IP 71151-EP01	Drill/Exercise Performance	
1,2	07/30/2018	08/03/2018	IP 71151-EP02	ERO Readiness	
1,2	07/30/2018	08/03/2018	IP 71151-EP03	Alert & Notification System Reliability	
			OL EXAM - INITIAL LICENSE EXAM PREP		3
1	10/29/2018	11/02/2018	V23519	BRUNSWICK / NOVEMBER 2018 INITIAL EXAM AT POWER FACILITIES	
			OL EXAM - INITIAL LICENSE EXAM		3
1	11/26/2018	12/07/2018	V23519	BRUNSWICK / NOVEMBER 2018 INITIAL EXAM AT POWER FACILITIES	
			PI&R - PROBLEM IDENTIFICATION AND RESOLUTION		5
1,2	02/04/2019	02/08/2019	IP 71152B	Problem Identification and Resolution	
1,2	02/18/2019	02/22/2019	IP 71152B	Problem Identification and Resolution	

This report does not include INPO and OUTAGE activities.
 This report shows only on-site and announced inspection procedures.

Enclosure

Brunswick
Inspection / Activity Plan
 09/01/2017 - 06/30/2019

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			ISI	- UNIT 2 IN-SERVICE INSPECTION	1
2	03/11/2019	03/15/2019	IP 7111108G	Inservice Inspection Activities - BWR	
			RP	- RP OCCUPATIONAL WEEK 1	2
1,2	03/11/2019	03/15/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	03/11/2019	03/15/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	03/11/2019	03/15/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	03/11/2019	03/15/2019	IP 71124.04	Occupational Dose Assessment	
1,2	03/11/2019	03/15/2019	IP 71124.05	Radiation Monitoring Instrumentation	
1,2	03/11/2019	03/15/2019	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	03/11/2019	03/15/2019	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	
			RP	- RP OCCUPATIONAL WEEK 2	3
1,2	04/08/2019	04/12/2019	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	04/08/2019	04/12/2019	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	04/08/2019	04/12/2019	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	04/08/2019	04/12/2019	IP 71124.04	Occupational Dose Assessment	
1,2	04/08/2019	04/12/2019	IP 71124.05	Radiation Monitoring Instrumentation	
1,2	04/08/2019	04/12/2019	IP 71151-OR01	Occupational Exposure Control Effectiveness	
1,2	04/08/2019	04/12/2019	IP 71151-PR01	RETS/ODCM Radiological Effluent Occurrences	

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