



**UNITED STATES
NUCLEAR REGULATORY COMMISSION**
REGION I
475 ALLENDALE ROAD, SUITE 102
KING OF PRUSSIA, PA 19406-1415

August 31, 2022

Eric Carr
President and Chief Nuclear Officer
PSEG Nuclear, LLC
P.O. Box 236
Hancocks Bridge, NJ 08038

SUBJECT: UPDATED INSPECTION PLAN FOR SALEM NUCLEAR GENERATING
STATION, UNITS 1 AND 2 (REPORTS 05000272/2022005 AND
05000311/2022005)

Dear Eric Carr:

The enclosed inspection plan lists the inspections scheduled through June 30, 2024, for Salem Nuclear Generating Station, Units 1 and 2. The U.S. Nuclear Regulatory Commission (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.

Beginning on January 1, 2023, the engineering inspection frequency will transition from a triennial (3-year) to a quadrennial (4-year) cycle. The new engineering inspection program will consist of a "Comprehensive Engineering Team Inspection (CETI)"¹ and three "Focused Engineering Inspections (FEIs)" that will be performed in each quadrennial cycle. For the cycle beginning in 2023, the FEIs will be: "Fire Protection Team Inspection," "Commercial Grade Dedication," and an engineering inspection that reviews age-related degradation and management².

In response to the COVID-19 public health emergency (PHE), the NRC adjusted inspection plans and schedules in order to safeguard the health and safety of both NRC and licensee staff while still effectively implementing the Reactor Oversight Process (ROP). While the PHE continues, overall conditions throughout the country support performance of our inspection and oversight activities to return to normal onsite presence by our resident and region-based inspectors and completion of nominal baseline inspection samples. We continue to monitor site-

¹ Aspects of the Design Basis Assurance Inspection (DBAI), Evaluations of Changes, Tests, & Experiments, and Heat Sink inspections will be included in the CETI inspection. Attached Report 22 will reference DBAI procedure until the CETI procedure is made publicly available. Previously scheduled Evaluation of Changes, Tests, & Experiments and Heat Sink inspections have been cancelled and removed from attached Report 22.

² The age-related degradation and management procedure is under development and will be publicly available by the end of calendar year 2022.

specific conditions, and it may be necessary to alter how and when we perform our inspection and oversight activities as we balance the importance of protecting the health and safety of our staff with the need to conduct effective oversight that supports the NRC's critical safety mission.³

For inspections requiring extensive coordination with offsite organizations, such as evaluated emergency preparedness exercises, NRC guidance and frequently asked questions for security and emergency preparedness can be found here: <https://www.nrc.gov/about-nrc/covid-19/security-ep/>. Similarly, the NRC has developed guidance if force-on-force inspections cannot be completed as scheduled due to an emergency, such as the COVID-19 PHE. These changes help ensure the health and safety of both NRC and licensee staff while maintaining the NRC's important safety and security mission during the COVID-19 PHE. The attached inspection plan is accurate on the date of issuance but remains subject to change based on approval of potential exemption requests or other changes needed due to changing conditions in the COVID-19 PHE. NRC staff will contact your appropriate regulatory affairs staff in order to coordinate inspection planning and scheduling.

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 website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 610-337-5312 with any questions you have regarding this letter.

Sincerely,

Brice A. Bickett, Chief
Projects Branch 3
Division of Operating Reactor Safety

Docket Nos. 05000272 and 05000311
License Nos. DPR-70 and DPR-75

Enclosure:
Salem Inspection Plan

cc w/encl: Distribution via ListServ

³This is discussed in our memo, "Implementation of Inspection Programs Following Re-Entry from the Public Health Emergency for the Reactor Safety Program" (ML21295A302), dated November 2, 2021.

SUBJECT: UPDATED INSPECTION PLAN FOR SALEM NUCLEAR GENERATING STATION, UNITS 1 AND 2 (REPORTS 05000272/2022005 AND 05000311/2022005) DATED AUGUST 31, 2022

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DOCUMENT NAME: https://usnrc.sharepoint.com/teams/ROPAssessmentMeetings/Shared Documents/ROP-23 Second Quarter Process/Branch 3/ROP-23_SL_IP Transmittal Ltr.docx
 ADAMS Accession No. ML22241A077

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OFFICIAL RECORD COPY

Detailed Site Inspection Activity

Salem

07/01/2022 - 06/30/2024

Unit	Start	End	Activity	CAC	EPID #	ADAMS #	Title	Staff Count
ISFSI Operational Inspection (60855) - Salem								1
1,2	7/18/2022	7/22/2022	IP 60855	001001	I-2022-003-0038		Operation Of An ISFSI	
RP Rad Environmental Monitoring Program 71124.07								1
1,2	7/25/2022	7/29/2022	IP 71124.07	000731	I-2022-003-0038		Radiological Environmental Monitoring Program	
RP Radioactive Gaseous and Liquid Effluent Treatment 71124.06								1
1,2	8/22/2022	8/26/2022	IP 71124.06	000730	I-2022-003-0038		Radioactive Gaseous and Liquid Effluent Treatment	
Triennial Heat Sink - Salem Units 1 and 2								1
1,2	9/12/2022	9/16/2022	IP 71111.07T	000700	I-2022-003-0038		Heat Exchanger/Sink Performance	
Cyber Security - Salem								4
1,2	9/19/2022	9/23/2022	IP 71130.10	000741	I-2022-402-0043		Cybersecurity	
Design Basis Assurance Inspection - Power Operated Valves - Salem Units 1 and 2								3
1,2	11/13/2022	11/19/2022	IP 71111.21N.02	001645	I-2022-011-0023		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
1,2	11/27/2022	12/3/2022	IP 71111.21N.02	001645	I-2022-011-0023		Design-Basis Capability of Power-Operated Valves Under 10 CFR 50.55a Requirements	
RP Performance Indicator Verification								1
1,2	12/5/2022	12/6/2022	IP 71151	000746	I-2022-004-0038		Performance Indicator Verification	
Comprehensive Engineering Team Inspection - Salem Units 1 and 2								7
1,2	1/22/2023	1/28/2023	IP 71111.21M	000713			Design Bases Assurance Inspection (Teams)	
1,2	2/5/2023	2/11/2023	IP 71111.21M	000713			Design Bases Assurance Inspection (Teams)	
FY23 Salem Initial License Exam								5
1,2	1/15/2023	1/21/2023	OV	000956	L-2023-OLL-0002		FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	

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Detailed Site Inspection Activity

1,2	2/12/2023	2/24/2023	EXAD	000500	L-2023-OLL-0002	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
FORCE-ON-FORCE PLANNING AND EXERCISE - SL/HC							4
1,2	2/27/2023	3/3/2023	IP 71130.03	000735	I-2023-420-0003	Contingency Response - Force-On-Force Testing	
1,2	3/20/2023	3/24/2023	IP 71130.03	000735	I-2023-420-0003	Contingency Response - Force-On-Force Testing	
Inservice Inspection - Salem Unit 2							1
2	5/1/2023	5/12/2023	IP 71111.08P	000702		Inservice Inspection Activities (PWR)	
RP Rad Hazard Assessment and Control 71124.01							1
1,2	5/8/2023	5/12/2023	IP 71124.01	000725		Radiological Hazard Assessment and Exposure Controls	
EP PROGRAM INSPECTION - SALEM							1
1,2	6/5/2023	6/9/2023	IP 71114.02	000717		Alert and Notification System Testing	
1,2	6/5/2023	6/9/2023	IP 71114.03	000718		Emergency Response Organization Staffing and Augmentation System	
1,2	6/5/2023	6/9/2023	IP 71114.04	000719		Emergency Action Level and Emergency Plan Changes	
1,2	6/5/2023	6/9/2023	IP 71114.05	000720		Maintenance of Emergency Preparedness	
1,2	6/5/2023	6/9/2023	IP 71151	001397		Performance Indicator Verification	
RP Radwaste Processing and Transport of Rad Materials							1
1,2	6/26/2023	6/30/2023	IP 71124.08	000732		Radioactive Solid Waste Processing & Radioactive Material Handling, Storage, & Transportation	
RP Rad Instrumentation 71124.05							1
1,2	7/17/2023	7/21/2023	IP 71124.05	000729		Radiation Monitoring Instrumentation	
PI&R Team Inspection - SL							4
1,2	8/14/2023	8/18/2023	IP 71152B	000747	I-2023-010-0010	Problem Identification and Resolution	
1,2	8/28/2023	9/1/2023	IP 71152B	000747	I-2023-010-0010	Problem Identification and Resolution	
Material Control and Accountability - Salem Units 1 and 2							1
1,2	9/11/2023	9/15/2023	IP 71130.11	000742		Material Control and Accounting (MC&A)	
Salem Requal Inspection with P/F Results							2

Detailed Site Inspection Activity

1,2	9/17/2023	9/22/2023	IP 71111.11A	000703	Licensed Operator Requalification Program and Licensed Operator Performance	
1,2	9/17/2023	9/22/2023	IP 71111.11B	000704	Licensed Operator Requalification Program and Licensed Operator Performance	
Access Control, Equipment, Sec Trng, Sec Plan Review, PI-SAL						3
1,2	9/18/2023	9/22/2023	IP 71130.02	000734	Access Control	
1,2	9/18/2023	9/22/2023	IP 71130.04	000736	Equipment Performance, Testing, and Maintenance	
1,2	9/18/2023	9/22/2023	IP 71130.07	000739	Security Training	
1,2	9/18/2023	9/22/2023	IP 71130.09	001656	Security Plan Changes	
1,2	9/18/2023	9/22/2023	IP 71151	001338	Performance Indicator Verification	
RP Perf Indicators IP71151						1
1,2	9/18/2023	9/22/2023	IP 71151	000746	Performance Indicator Verification	
Inservice Inspection - Salem 1R29						1
1	10/16/2023	10/27/2023	IP 71111.08P	000702	Inservice Inspection Activities (PWR)	
RP Rad Hazard Assess and Control 71124.01						1
1,2	11/6/2023	11/10/2023	IP 71124.01	000725	Radiological Hazard Assessment and Exposure Controls	
Access Auth, Fitness for Duty						2
1,2	2/5/2024	2/9/2024	IP 71130.01	000733	Access Authorization	
1,2	2/5/2024	2/9/2024	IP 71130.08	000740	Fitness For Duty Program	
FY24 Salem Initial License Exam						4
1,2	1/8/2024	1/12/2024	OV	000956	FB-OR-ONSITE VALIDATION OF INITIAL LICENSE EXAMINATION (OV)	
1,2	2/12/2024	2/23/2024	EXAD	000500	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	
Fire Protection - Salem						3
1,2	4/8/2024	4/12/2024	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
1,2	4/22/2024	4/26/2024	IP 71111.21N.05	001646	Fire Protection Team Inspection (FPTI)	
EP Exercise Inspection - Salem						5

Detailed Site Inspection Activity

1,2	5/20/2024	5/24/2024	IP 71114.01	000716	Exercise Evaluation
1,2	5/20/2024	5/24/2024	IP 71114.04	000719	Emergency Action Level and Emergency Plan Changes
1,2	5/20/2024	5/24/2024	IP 71151	001397	Performance Indicator Verification
RP - 71124.03 Airborne and 71124.04 Dose					1
1,2	6/24/2024	6/28/2024	IP 71124.03	000727	In-Plant Airborne Radioactivity Control and Mitigation
1,2	6/24/2024	6/28/2024	IP 71124.04	000728	Occupational Dose Assessment