



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I**
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PENNSYLVANIA 19406-2713

September 3, 2013

Mr. Thomas P. Joyce
President and Chief Nuclear Officer
PSEG Nuclear LLC - N09
P.O. Box 236
Hancocks Bridge, NJ 08038

**SUBJECT: MID-CYCLE PERFORMANCE REVIEW AND INSPECTION PLAN –
SALEM NUCLEAR GENERATING STATION, UNIT NOS. 1 AND 2
(REPORT 05000272/2013006 AND 05000311/2013006)**

Dear Mr. Joyce:

On August 14, 2013, the U.S. Nuclear Regulatory Commission (NRC) completed its mid-cycle performance review of Salem Nuclear Generating Station, Unit Nos. 1 and 2 (Salem). The NRC reviewed the most recent quarterly performance indicators in addition to inspection results and enforcement actions from July 1, 2012 through June 30, 2013. This letter informs you of the NRC's assessment of your facility during this period and its plans for future inspections at your facility.

The NRC determined that overall, Salem operated in a manner that preserved public health and safety and met all cornerstone objectives. The NRC determined the performance at Salem during the most recent quarter was within the Licensee Response Column of the NRC's Reactor Oversight Process Action Matrix because all inspection findings had very low (i.e., green) safety significance, and all performance indicators demonstrated that your performance was within the nominal, expected range (i.e, green). Therefore, the NRC plans to conduct Reactor Oversight Process baseline inspections at your facility.

The enclosed inspection plan lists the inspections scheduled through December 31, 2014. Routine inspections performed by resident inspectors are not included in the inspection plan. In addition to baseline inspections, the NRC will perform Temporary Instruction 2515/182, "Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping and Tanks." The inspections listed during the last nine months of the inspection plan are tentative and may be revised at the end-of-cycle performance review. The NRC provides the inspection plan to allow for the resolution of any scheduling conflicts and personnel availability issues. 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 security related inspections, which will be sent via separate, non-publicly available correspondence.

We note that on July 26, 2013, the NRC issued a letter to PSEG on the potential impact of a U.S. District Court jury finding of retaliation on the work environment at Salem and Hope Creek. We are currently in the process of reviewing your August 22, 2013, response to that letter and will notify you of the results of that review.

In accordance with Title 10 of the *Code of Federal Regulations* (10 CFR) Section 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 the NRC's Agencywide Documents Access and Management system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Please contact me at 610-337-5233 with any questions you have regarding this letter.

Sincerely,

/RA/

Glenn T. Dentel Chief
Projects Branch 3
Division of Reactor Projects

Docket Nos.: 50-272, 50-311
License Nos.: DPR-70, DPR-75

Enclosure: Inspection Plan

cc w/encl: Distribution via ListServ

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DATE	08/ 26/13	08/ 26/13	09/ 03 /13		

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Salem
Inspection / Activity Plan
07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
			PI&R - PI&R		7
1,2	07/15/2013	07/19/2013	IP 71152B	Problem Identification and Resolution	
1,2	07/29/2013	08/02/2013	IP 71152B	Problem Identification and Resolution	
			711111B - SALEM REQUAL INSPECTION WITH P/F RESULTS		2
1,2	09/16/2013	09/20/2013	IP 711111B	Licensed Operator Requalification Program	
			HP - RADIATION SAFETY INSPECTION		1
1,2	08/12/2013	08/16/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	08/12/2013	08/16/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	08/12/2013	08/16/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	08/12/2013	08/16/2013	IP 71124.04	Occupational Dose Assessment	
1,2	08/12/2013	08/16/2013	IP 71124.05	Radiation Monitoring Instrumentation	
			7111117 - PERMANENT PLANT MODIFICATIONS		3
1,2	11/04/2013	11/08/2013	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
1,2	11/18/2013	11/22/2013	IP 7111117T	Evaluations of Changes, Tests, and Experiments and Permanent Plant Modifications	
			7111107T - TRIENNIAL HEAT SINK		1
1,2	12/02/2013	12/06/2013	IP 7111107T	Heat Sink Performance	
			71124.08 - RADWASTE		1
1,2	12/02/2013	12/06/2013	IP 71124.08	Radioactive Solid Waste Processing and Radioactive Material Handling, Storage, and Transportation	
			HP - RADIATION SAFETY INSPECTION		1
1,2	12/09/2013	12/13/2013	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	12/09/2013	12/13/2013	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	12/09/2013	12/13/2013	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	12/09/2013	12/13/2013	IP 71124.04	Occupational Dose Assessment	
1,2	12/09/2013	12/13/2013	IP 71124.05	Radiation Monitoring Instrumentation	
1,2	12/09/2013	12/13/2013	IP 71151-OR01	Occupational Exposure Control Effectiveness	
			71124 - RAD SAFETY INSPECTION		1
2	03/03/2014	03/07/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
2	03/03/2014	03/07/2014	IP 71124.02	Occupational ALARA Planning and Controls	
2	03/03/2014	03/07/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
2	03/03/2014	03/07/2014	IP 71124.04	Occupational Dose Assessment	
1,2	03/03/2014	03/07/2014	IP 71124.05	Radiation Monitoring Instrumentation	
			71124 - RAD SAFETY INSPECTION		1
1,2	04/21/2014	04/25/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	04/21/2014	04/25/2014	IP 71124.02	Occupational ALARA Planning and Controls	

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

Salem
Inspection / Activity Plan
07/01/2013 - 12/31/2014

Unit Number	Planned Dates		Inspection Activity	Title	No. of Staff on Site
	Start	End			
71124 - RAD SAFETY INSPECTION					1
1,2	04/21/2014	04/25/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	04/21/2014	04/25/2014	IP 71124.04	Occupational Dose Assessment	
1,2	04/21/2014	04/25/2014	IP 71124.05	Radiation Monitoring Instrumentation	
711108P - U2 INSERVICE INSPECTION					1
2	04/21/2014	05/02/2014	IP 711108P	Inservice Inspection Activities - PWR	
71124 - REMP					1
1,2	05/19/2014	05/23/2014	IP 71124.07	Radiological Environmental Monitoring Program	
EP EXER - EP EXERCISE INSPECTION					1
1,2	05/19/2014	05/23/2014	IP 7111407	Exercise Evaluation - Hostile Action (HA) Event	
TI-182 - DEGRAD UNDERGROUND PIPING - PHASE 2					1
1,2	06/02/2014	06/06/2014	IP 2515/182	Review of the Implementation of the Industry Initiative to Control Degradation of Underground Piping	
CDBI - CDBI					7
1,2	07/07/2014	07/10/2014	IP 7111121	Component Design Bases Inspection	
1,2	07/21/2014	07/25/2014	IP 7111121	Component Design Bases Inspection	
1,2	08/04/2014	08/08/2014	IP 7111121	Component Design Bases Inspection	
12/8EXAM - SALEM INITIAL EXAM					4
1	11/10/2014	11/14/2014	U01894	FY15-SALEM INITIAL OPERATOR LICENSING EXAM	
1	12/08/2014	12/19/2014	U01894	FY15-SALEM INITIAL OPERATOR LICENSING EXAM	
INSP - RADIATION PROTECTION					1
1,2	09/29/2014	10/03/2014	IP 71124.01	Radiological Hazard Assessment and Exposure Controls	
1,2	09/29/2014	10/03/2014	IP 71124.02	Occupational ALARA Planning and Controls	
1,2	09/29/2014	10/03/2014	IP 71124.03	In-Plant Airborne Radioactivity Control and Mitigation	
1,2	09/29/2014	10/03/2014	IP 71124.04	Occupational Dose Assessment	
1,2	09/29/2014	10/03/2014	IP 71124.05	Radiation Monitoring Instrumentation	
711108P - U1 INSERVICE INSPECTION					1
1	10/20/2014	10/31/2014	IP 711108P	Inservice Inspection Activities - PWR	

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