



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 2, 2007

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

SUBJECT: ANNUAL ASSESSMENT LETTER - SALEM GENERATING STATION
(REPORT 05000272/2007001 AND 05000311/2007001)

Dear Mr. Levis:

On February 13, 2007, the NRC staff completed its performance review of Salem Generating Station (Salem). Our technical staff reviewed performance indicators (PIs) for the most recent quarter and inspection results for the period from January 1 through December 31, 2006. The purpose of this letter is to inform you of our assessment of your safety performance during this period and our plans for future inspections at your facility.

This performance review and enclosed inspection plan do not include physical protection information. A separate letter designated and marked as "Exempt from Public Disclosure in accordance with 10 CFR 2.390" will include the physical protection review and resultant inspection plan.

Overall, Salem Units 1 and 2 operated in a manner that preserved public health and safety and fully met all cornerstone objectives. Plant performance for the most recent quarter, as well as for the first three quarters of the assessment cycle, was within the Licensee Response column of the NRC's Action Matrix, based on all inspection findings being classified as having very low safety significance (Green) and all PIs indicating performance at a level requiring no additional NRC oversight (Green). Therefore, we plan to conduct reactor oversight process (ROP) baseline inspections at your facility. We also plan to conduct a review of modifications to the Unit 1 containment sump and an inspection of the planned replacements of the Unit 2 steam generators.

The enclosed inspection plan details the inspections, less those related to physical protection, scheduled through June 30, 2008. The inspection plan is provided to allow for the resolution of any scheduling conflicts and personnel availability issues well in advance of inspector arrival onsite. Routine resident inspections are not listed due to their ongoing and continuous nature. The inspections in the last nine months of the inspection plan are tentative and may be revised at the mid-cycle review.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure will be made available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's

W. Levis

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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).

If circumstances arise which cause us to change this inspection plan, we will contact you to discuss the change as soon as possible. Please contact me at 610-337-5069 with any questions you may have regarding this letter or the inspection plan.

Sincerely,

/RA/

Arthur L. Burritt, Chief
Reactor Projects Branch 3
Division of Reactor Projects

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

Enclosure: Salem Units 1 and 2 Inspection/Activity Plan

cc w/encl:

T. Joyce, Site Vice President - Salem
D. Winchester, Vice President Nuclear Assessments
W. F. Sperry, Director of Finance
C. J. Fricker, Salem Plant Manager
J. J. Keenan, General Solicitor, PSEG
M. Wetterhahn, Esquire, Winston and Strawn, LLP
L. A. Peterson, Chief of Police and Emergency Management Coordinator
P. Baldauf, Assistant Director, Radiation Protection and Release Prevention, State of New Jersey
K. Tosch, Chief, Bureau of Nuclear Engineering, NJ Dept. of Environmental Protection
H. Otto, Ph.D., Administrator, Interagency Programs, DNREC Division of Water Resources, State of Delaware
Consumer Advocate, Office of Consumer Advocate, Commonwealth of Pennsylvania
N. Cohen, Coordinator - Unplug Salem Campaign
E. Zobian, Coordinator - Jersey Shore Anti Nuclear Alliance

Salem
Inspection / Activity Plan
01/01/2007 - 06/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71121	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		02/05/2007	02/09/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		02/05/2007	02/09/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		02/05/2007	02/09/2007	Baseline Inspections
	71152B	- PI&R	5			
1,2	IP 71152B	Identification and Resolution of Problems		03/05/2007	03/09/2007	Baseline Inspections
1,2	IP 71152B	Identification and Resolution of Problems		03/19/2007	03/23/2007	Baseline Inspections
	71153	- SFP STRUCTURAL INTEGRITY	3			
1	IP 71153	Followup of Events and Notices of Enforcement Discretion		02/28/2007	03/02/2007	Baseline Inspections
	71114	- EP PRGM INSP	1			
1,2	IP 7111402	Alert and Notification System Testing		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 7111403	Emergency Response Organization Augmentation Testing		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 7111404	Emergency Action Level and Emergency Plan Changes		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 7111405	Correction of Emergency Preparedness Weaknesses and Deficiencies		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 71151-EP01	Drill/Exercise Performance		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 71151-EP02	ERO Drill Participation		04/02/2007	04/06/2007	Baseline Inspections
1,2	IP 71151-EP03	Alert & Notification System		04/02/2007	04/06/2007	Baseline Inspections
	7111108P	- U1 INSERVICE INSPECTION	1			
1	IP 7111108P	Inservice Inspection Activities - PWR		04/02/2007	04/06/2007	Baseline Inspections
1	IP 7111108P	Inservice Inspection Activities - PWR		04/16/2007	04/20/2007	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/09/2007	04/13/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/09/2007	04/13/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		04/09/2007	04/13/2007	Baseline Inspections
	TI-166	- CONTAINMENT SUMP MODIFICATIONS	1			
1	IP 2515/166	Pressurized Water Reactor Containment Sump Blockage [NRC GENERIC LETTER 2004-02]		04/16/2007	04/20/2007	Safety Issues
	7111111B	- L.O. REQUAL. PROG. + P/F REVIEW	2			
1,2	IP 7111111B	Licensed Operator Requalification Program		08/06/2007	08/10/2007	Baseline Inspections
	MODS	- MODS AND 50.59	3			
1,2	IP 7111102	Evaluation of Changes, Tests, or Experiments		07/16/2007	07/20/2007	Baseline Inspections
1,2	IP 711117B	Permanent Plant Modifications		07/16/2007	07/20/2007	Baseline Inspections
	71121	- OCC RAD SAFETY	1			
1,2	IP 7112101	Access Control to Radiologically Significant Areas		08/20/2007	08/24/2007	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		08/20/2007	08/24/2007	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		08/20/2007	08/24/2007	Baseline Inspections

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

Salem
Inspection / Activity Plan
01/01/2007 - 06/30/2008

Unit Number	Inspection Activity	Title	No. of Staff on Site	Planned Dates		Inspection Type
				Start	End	
	71121 - OCC RAD SAFETY		1			
1,2	IP 71151	Performance Indicator Verification		08/20/2007	08/24/2007	Baseline Inspections
	7112203 - PUB RAD SAFETY - REMP		1			
1,2	IP 7112203	Radiological Environmental Monitoring Program (REMP) And Radioactive Material Control Pr		09/17/2007	09/21/2007	Baseline Inspections
	7112202 - PUB RAD SAFETY - RADWASTE		1			
1,2	IP 7112202	Radioactive Material Processing and Transportation		12/03/2007	12/14/2007	Baseline Inspections
	S/G - S/G REPLACEMENT - SALEM UNIT 2		2			
2	IP 50001	Steam Generator Replacement Inspection		01/07/2008	05/06/2008	Other Routine
	7112201 - PUB RAD SAFETY - RETS		1			
1,2	IP 7112201	Radioactive Gaseous and Liquid Effluent Treatment and Monitoring Systems		01/07/2008	01/11/2008	Baseline Inspections
	7111121 - CDBI		7			
1,2	IP 7111121	Component Design Bases Inspection		01/14/2008	01/18/2008	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		01/28/2008	02/01/2008	Baseline Inspections
1,2	IP 7111121	Component Design Bases Inspection		02/04/2008	02/08/2008	Baseline Inspections
	7111108P - U2 INSERVICE INSPECTION		1			
1	IP 7111108P	Inservice Inspection Activities - PWR		03/10/2008	03/21/2008	Baseline Inspections
	71121 - OCC RAD SAFETY		1			
2	IP 50001	Steam Generator Replacement Inspection		04/07/2008	04/11/2008	Other Routine
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/07/2008	04/11/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/07/2008	04/11/2008	Baseline Inspections
2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		04/07/2008	04/11/2008	Baseline Inspections
2	IP 50001	Steam Generator Replacement Inspection		04/21/2008	04/25/2008	Other Routine
1,2	IP 7112101	Access Control to Radiologically Significant Areas		04/21/2008	04/25/2008	Baseline Inspections
1,2	IP 7112102	ALARA Planning and Controls		04/21/2008	04/25/2008	Baseline Inspections
1,2	IP 7112103	Radiation Monitoring Instrumentation and Protective Equipment		04/21/2008	04/25/2008	Baseline Inspections
	7111107B - HEAT SINK		1			
1,2	IP 7111107B	Heat Sink Performance		06/09/2008	06/13/2008	Baseline Inspections

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