



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
631 PARK AVENUE
KING OF PRUSSIA, PENNSYLVANIA 19406

JUN 23 1983

MEMORANDUM FOR: J. H. Denton, Director, Office of Nuclear Reactor Regulation
R. C. DeYoung, Director, Office of Inspection and Enforcement
T. Murley, Regional Administrator, Region I

FROM: R. W. Starostecki, Director, Division of Project and Resident Programs

SUBJECT: SALEM AUGMENTED INSPECTION PROGRAM - PROPOSED

Consistent with established policy, Region I has the responsibility for followup of the Salem ATWS event. This is based on prior discussions and agreements between NRR, IE, and the Region. In accordance with this responsibility we have developed an augmented inspection program.

This memorandum and the attached table provide our proposed plan for monitoring and evaluating the PSE&G performance improvement program at Salem over the next one to two years. These efforts primarily consist of inspection activities, but include management involvement in periodic meetings with the licensee. The management meetings, which are in addition to the Basic Inspection Program, consist of frequent meetings with PSE&G management by various levels of NRC staff and managers to assess the licensee's progress towards completion of commitments, and inspections to verify the adequacy and effectiveness of the licensee's actions. A Region I section chief is charged with the responsibility for overview of these activities with responsibilities for individual items assigned as noted in the attachment. This effort will involve the active participation of the Regional Administrator, myself, branch chief, NRR project manager, and section chief, as well as the resident inspectors and project engineer.

Please note that the plan relies almost exclusively on Region I resources. I believe that the development of the PSE&G Action Plan, in response to the MAC report (Item C.9.7 & C.10.b on attached table), may focus on several other areas that may warrant further IE and NRR participation. Accordingly, these actions will be closely monitored by the Region and, as necessary, additional NRR/IE assistance will be requested.

A team inspection will be conducted in September 1983 which will concentrate on the licensee's maintenance and procurement program. The team concept takes advantage of perceptions of Salem management by other NRC personnel involved in reviews of licensee activities. For example, NRR personnel are involved in onsite review of the licensee's verification of operability of safety related systems for Unit 1 and will be involved in a review of Unit 2 short term actions. I also have arranged with C. Thayer, Director, NRTC, to use a RTC instructor for a two-week period at Salem. Additionally, IE has agreed to tentatively schedule a Performance Appraisal Team (PAT) inspection 9 - 12 months from now.

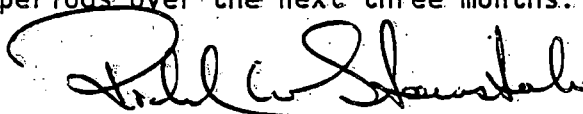
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H. Denton
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After approximately one year, I intend to reevaluate the need for an augmented inspection program and recommend termination or modification, as appropriate, based on SALP results and plant performance. Completion of the augmented program will be documented in a memorandum from the Regional Administrator to the EDO. Specific individual activities will be documented in regular inspection and meeting reports. It is expected, however, that senior level management meetings will continue for approximately one more year on a reduced frequency basis. Accordingly, this proposed plan is subject to revision and will incorporate constructive improvements as they become evident.

This augmented program will rely on more effective use of existing resources, and we will not budget for more resources. Some benefits will accrue due to the assignment of a new Senior Resident Inspector in that we will have three residents onsite during frequent periods over the next three months.



Richard W. Starostecki, Director
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Enclosure: Salem Augmented Inspection Plan

cc w/encl:
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SALEM AUGMENTED INSPECTION PLAN

Item No.	Action	Responsibility	Licensee Commitment	First inspection (1) Meeting (M)	Frequency ²	Remarks
---	Overview and maintain cognizance of following actions:	Tasked Section Chief (SC)	-	-	-	
---	PSE&G - Region I management meetings to review overall licensee corrective action program progress and status	DPRP Div. Dir.		6/83 (M)	Bimonthly	Project completion, 6/85; meetings to be conducted at site, regional office and corporate office on rotating basis. Regional Administrator to monitor progress through participation.
C.9.7	Review MAC management diagnostic report	DPRP Div. Dir.	6/83	5/83 (M) (draft)	As needed, until approval of PSE&G plan	Meeting with PSE&G to discuss diagnostic report; assistance from IE, NRR; follow-up with review of final report.
C.9.7. & C.10.b	Review PSE&G proposed action plan for implementing MAC recommendations including progress in carrying out action plan	DPRP Div. Dir.	8/83	8/83 (M)	See remarks	Follow-up meetings to be held with PSE&G, request IE & NRR participation; NRC approval of plant to be documented in a letter to PSE&G from RA; meetings and/or inspections will be scheduled to review progress of implementation of action plan;
---	Review PSE&G proposed action plan for implementing BETA recommendations including progress in carrying out action plan	DPRP Div. Dir.	TBD	8/83 (M)	See remarks	Follow-up meetings to be held with PSE&G, request IE & NRR participation; NRC approval of plant to be documented in a letter to PSE&G from RA; meetings and/or inspections will be scheduled to review progress of implementation of action plan;

Item No.	Action	Responsibility	Licensee Commitment	First Inspection (I) Meeting (M)	Frequency ²	Remarks
C.9.1	Review progress in staffing of Nuclear Assurance and Regulation Department	DPRP Branch Chief (BC)	1/84	9/83 (M)	Monthly	Discuss, with PSE&G, staffing effectiveness, department charter, capabilities and tasking, etc.
C.9.2	Overview MAC assessment of QA department including implementation of any changes	DPRP BC	7/83 ¹	7/83 or 8/83 (M)	Monthly; document status to NRR & DPRP Div. Dir. at 6 mos.	Conduct follow-up inspections as necessary to verify QA department effectiveness
C.10.a	Overview Nuclear Oversight Committee (NOC) - Activities Including Quarterly Reports	DPRP BC	Quarterly	7/83 (M)	Quarterly	Discuss NOC recommendations, PSE&G plan for implementing recommendations, areas examined by NOC, NOC effectiveness, etc. Include results for discussion in item C-9
C.9.3	Overview training program developed for first-level supervisors and implementation thereof	DPRP SC & Project Engineer (PE)	9/83 ¹	9/83 (M) 10/83 (I)	Monthly meeting, follow-up inspection as needed	Discuss content of proposed training, effectiveness of training, progress towards completion. Inspect lesson plans, training records, and attend training sessions
C.9.4	Overview training program developed for senior supervisory level personnel and implementation thereof	SC and PE	10/83 ¹	9/83 (M) 10/83 (I)	Same as above	Inspect lesson plans, training records, and attend training sessions
C.9.5	Overview program developed for periodic or regular training for supervisory and management personnel	TBD	Spring '84 ¹	Spring '84	TBD	

<u>Item No.</u>	<u>Action</u>	<u>Responsibility</u>	<u>Licensee Commitment</u>	<u>First Inspection (I) Meeting (M)</u>	<u>Frequency</u> ²	<u>Remarks</u>
C.9.6	Overview technical training program developed for non-station personnel	TBD	Spring '84 ¹	Spring '84	TBD	
---	Special inspection(s) of maintenance and procurement to include the following Supplemental Modules:	Engineering Programs Branch (EPB), RI	N/A	9/83 (I)	Once	Team inspection to include RRIs, Project Manager, and EPB
	a) 38701, Procurement Control Program (increase sample size in Section 2 by factor of four)					
	b) 38702 Receipt, Storage, and Handling of Equipment Program (double sample size in Section 2)					
	c) 62700, Maintenance Routine (or other inspection plan to be developed by EPB)					
C.2.b.1	Review modified procurement procedures	EPB	7/83	9/83 (I)	Once	Team inspection
C.7.b.1	Review additional training on processing work orders to emphasize test/retest requirements	EPB	9/83	9/83 (I)	Once	Team inspection
C.8.a.1	Determine if AP-9 and other procedures have been appropriately revised to include post maintenance testing	Residents (RRIs)	7/83	7/83 (I)	Once	Follow-up inspections if necessary

<u>Item No.</u>	<u>Action</u>	<u>Responsibility</u>	<u>Licensee Commitment</u>	<u>First Inspection (I) Meeting (M)</u>	<u>Frequency</u> ²	<u>Remarks</u>
C.8.a.2	Review licensee's incorporation of necessary changes to departmental documents due to vendor and engineering recommendations concerning post-maintenance operability testing	Residents or PE	1/84	1/84 (I)	Once	Follow-up inspections if necessary
C.8.a.3	Determine if preventive maintenance recommendations have been incorporated into Inspection Order System	RRIs	8/83	8/83 (I)	Bimonthly	Witness preventive maintenance on selected components, review PM procedures for adequacy and basis for periodicity, etc.
C.8.a.4	Monitor progress in completion of Managed Maintenance Program	RRIs	1/84	10/83 (I)	Bimonthly	Examine progress - towards completion, review program implementation for effectiveness and utilization, etc.
C.1.b.1	Inspect revised Unit 1 MEL for completeness and accuracy	PE	5/83	6/83 or 7/83 (I)	Once	
C.6.b	Review and monitor licensee long-term actions in updating of vendor supplied information	PE	Multiphased between 6/83 - 12/83	9/83	Twice	Additional inspection 12/83 or 1/84
<u>Unit 2</u>						
<u>Short Term Actions</u>						
C.1.a.1	Review licensee process for verification of Unit 2 MEL completeness and accuracy for key systems	PE	Prior to Unit 2 restart	Prior to Unit 2 restart	Once	Similar to Unit 1 follow-up

<u>Item No.</u>	<u>Action</u>	<u>Responsibility</u>	<u>Licensee Commitment</u>	<u>First Inspection (I) Meeting (M)</u>	<u>Frequency</u> ²	<u>Remarks</u>
C.2.a	Review PSE&G sampling review of past procurement documents (similar to Unit 1 follow-up)	RRIs	Prior to Unit 2 restart	Prior to Unit 2 restart	Once	Similar to Unit 1 follow-up
C.3.a.3	Review PSE&G evaluation of Unit 2 work order classification (since issuance of MEL) and disposition of improperly classified WO's	RRIs & PE	Prior to Unit 2 restart	Prior to Unit 2 restart	Once	Similar to Unit 1 follow-up
D	Review licensee determination of system and component operability for Unit 2	RRIs	Prior to Unit 2 restart	Prior to Unit 2 restart	Once	Similar to Unit 1 follow-up

NOTES:

1. Reflects licensee commitment for program development only; implementation to follow
2. Meeting or inspection frequency may be modified with Division Director approval
3. Item numbers are from licensee's corrective action plan submitted to the NRC on April 28, 1983.