



Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038-0236

Nuclear Business Unit

MAR 06 1996

LR-N96062

United States Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Gentlemen:

**RESPONSE TO REQUEST FOR ADDITIONAL INFORMATION
INSPECTION REPORT 50-272/95-81, 50-311/95-81
SALEM GENERATING STATION
UNIT NOS. 1 AND 2
DOCKET NOS. 50-272 AND 50-311**

NRC Inspection Report Nos. 50-272/95-81 and 50-311/95-81 for Salem Nuclear Generating Station Unit Nos. 1 and 2 was transmitted to Public Service Electric & Gas Company (PSE&G) on January 31, 1996. Within the scope of this report, it was requested that PSE&G provide the NRC, in writing, the plans and schedules to address the emergency preparedness related issues identified by PSE&G's Significant Event Response Team (SERT) and by Inspection Report 50-272/95-81; 50-311/95-81.

The Significant Event Response Team (SERT) report resulted in specific emergency preparedness related recommendations. These recommendations are documented in section 13 of the PSE&G SERT report and are numbered, (4), (12), and (13). These SERT identified recommendations and other enhancements identified by PSE&G's Management have been incorporated in the Salem Operations Department Restart Action Plan. Attachment 1 contains the Emergency Preparedness portion of the Operations Department Restart Action Plan. Attachment 2 contains the status of each restart item as documented in the Operations Department Restart Action Plan.

By letter dated February 29, 1996 (Ref. LR-N96030), PSE&G transmitted the actions associated with the emergency preparedness related issues identified in the aforementioned NRC Inspection Report.

9603120058 960306
PDR ADOCK 05000272
Q PDR

10065

The power is in your hands.

MAR 06 1996

Document Control Desk
LR-N96062

2

Should there be any questions regarding this submittal, please do not hesitate to contact us.

Sincerely,

Glenn for D. R. Powell

D. R. Powell
Manager -
Licensing & Regulation

Attachments (2)

MAR 06 1996

C Mr. T. T. Martin, Administrator - Region I
U. S. Nuclear Regulatory Commission
475 Allendale Road
King of Prussia, PA 19406

Mr. L. N. Olshan, Licensing Project Manager - Salem
U. S. Nuclear Regulatory Commission
One White Flint North
11555 Rockville Pike
Mail Stop 14E21
Rockville, MD 20852

Mr. C. Marschall - Salem (X24)
USNRC Senior Resident Inspector

Mr. K. Tosch, Manager, IV
Bureau of Nuclear Engineering
33 Arctic Parkway
CN 415
Trenton, NJ 08625

Problem Statement 6

- Weaknesses in the emergency preparedness function resulted in an ineffective emergency response organization (ERO) response during the October 5, 1995 Salem Alert.

Causal Statements

- Inadequate management oversight of emergency management functions.
- Inadequate standards of performance and individual accountability.
- Inadequate communication practices.

Source Documents

- SERT 95-03 Salem Unit 1 - Overhead Annunciator Failure

Actions

	Actions	Restart	Owner	Status
1.	Improve ERO responsiveness.			
	a. Conduct quarterly unannounced callout muster drills.	YES	J. Polyak	Complete
	b. Revise EP overview lesson plans to include response expectations	YES	J. Polyak	Complete
	c. Enhance callout system by correcting deficiencies and capturing time inefficiencies.	YES	J. Polyak	Complete
	d. Define and promulgate criteria for ERO personnel training, availability and participation.	YES	J. Polyak	3/29/96
	e. Develop methodology to identify/correct inadequate callout responses.	YES	J. Polyak	Complete
	f. Provide letter to ERO addressing roles, responsibilities and cultural attitudes.	YES	J. Polyak	Complete

2. Enhance Emergency Plan and Procedures				
a. Revise ECG to incorporate NUMARC EAL criteria.	YES	J. Polyak	8/1/96@	
b. Develop three team ERO duty roster.	YES	J. Polyak	Complete	
c. (Deleted)			Deleted	
d. Establish acceptance requirements for duty team personnel.	YES	J. Polyak	Complete	
3. Enhance communications practices				
a. Develop a clear understanding of emergency communication expectations with offsite emergency management officials.	YES	J. Polyak	Complete	
b. Establish quarterly expectations communications with ERO.	YES	J. Polyak	3-29-96	
4. Implement effective self assessment program				
a. Develop self assessment criteria to validate effective implementation of the Emergency Plan.	YES	J. Polyak	Complete	
b. Establish self assessment schedule.	YES	J. Polyak	4/12/96	
c. Perform self assessments.	YES	J. Polyak	5/10/96	
d. Conduct frequent on site Control Room mini-drills with station personnel.	YES	J. Polyak	3/29/96	
e. Critique graded exercise of 5/29/96 and define necessary actions.	YES	J. Polyak	6/4/96	

@ = Completion date will be adjusted to meet Unit 2 entry into Mode 2.

Additional Performance Indicators

- Pager response data
- Graded exercise results
- Critique results

As indicated in Attachment 1, many of the emergency preparedness specific actions to support the Restart Action Plan are completed. The following is a brief summary of some of the specific actions and their status.

Item 1.a = Conduct quarterly unannounced call-out mustering drills.

Status: A process has been put in place to ensure that drills are held at least quarterly. Two drills have been conducted to date. The latest drill, conducted on February 9, 1996, was observed by the NRC Senior Resident and an NRC Region I Emergency Plan inspector.

Item 1.b = Revise EP Overview Lesson Plan to include the roles, responsibilities, and expectations of emergency responders.

Status: The lesson plan has been revised.

Item 1.c = Enhance call-out system by correcting deficiencies and capturing time inefficiencies.

Status: The call-out system deficiencies have been corrected. Additionally, the system has been enhanced to allow faster activation of on-call duty responders. Procedure revisions will be implemented by April 10, 1996 to further enhance system activation timing.

Item 1.d = Define and promulgate criteria for Emergency Response Organization (ERO) personnel training, availability and participation.

Status: Criteria have been defined and included in Revision 7 to EPIP-1011, "Maintenance of the Emergency Response Organization", EPIP-1014, "Emergency Preparedness Classroom Training Administration", and Table 16-2 of the Artificial Island Emergency Plan. Information regarding the revised procedure is being provided to ERO members through direct mailings, a new EP Newsletter, roll out meetings, and presentations to NBU Management.

Item 1.e = Develop methodology to identify and correct inadequate call-out response.

Status The frequency of call-out pager testing has been increased from quarterly to monthly to allow for more frequent assessment and follow-up with non-responders. Next working day follow-up with responders quickly identifies problems and leads to fast resolution. An "Emergency Response Call-out Accountability Form" has been developed and is being used to hold individuals and their Supervisors/Managers accountable when personnel do not properly respond to a pager test.

Item 1.f = Provide a letter to ERO addressing roles, responsibilities and cultural attitudes.

Status: A letter was sent to all ERO members from the Senior Vice President - Nuclear Operations on October 26, 1995. Expectations were reinforced in various "Nuclear Today" articles.

Item 2.a = Revise the Event Classification Guide (ECG) to ensure classification schemes are appropriate.

Status: Both Salem and Hope Creek ECGs have been revised based on NUMARC Emergency Action Level (EAL) methodology. These EALs were submitted to the NRC in August 1995 and PSE&G is currently working with the NRC and the State of New Jersey Bureau of Nuclear Engineering (BNE) to resolve comments. Implementation is planned prior to restart.

Item 2.b = Develop three team Duty Roster.

Status: A three team Duty Roster system is under development and will be in place by March 31, 1996.

Item 2.d = Establish acceptance requirements for duty team personnel.

Status: Acceptance requirements for duty team personnel have been established and included in Revision 7 to EPIP-1011. A specific requirement is that personnel designated as "Duty Responders" must be capable of responding to their assigned emergency response facility within approximately 60 minutes of notification.

Item 3.a = Develop a clear understanding of emergency communications expectations with offsite emergency management officials.

Status: Emergency Preparedness staff was briefed on the importance of procedural compliance and to eliminate informal communications pathways during emergencies. The EP Overview Lesson Plan was revised to address procedural adherence expectations. Activities are in progress to further enhance offsite communications, including:

1. Team building meetings with offsite emergency management officials. Two sessions have been held to date.
2. State and local officials have been briefed on restart activities.
3. An EAL layman's reference manual is under development.
4. A process improvement team is being formed to review all emergency and non-emergency external communications paths.

Item 3.b = Establish quarterly expectations communications with the ERO.

Status: Emergency Preparedness has developed an EP Newsletter. One of the purposes of this Newsletter is to communicate expectations to employees. The first edition was distributed on February 28, 1996.

Item 4.a = Develop self-assessment criteria to validate effective implementation of the Emergency Plan.

Status: Self-assessment criteria have been established and a procedure is under development.

Item 4.b = Establish a self-assessment schedule.

Status: The schedule is under development with an expected completion date of April 12, 1996.

Item 4.c = Perform self-assessments.

Status: Initial self-assessments will be completed by May 5, 1996, based on the schedule established in Item 4.b above. Self-assessment has already started in some areas of the EP Program.

Item 4.d = Conduct periodic onsite control room mini-drills.

Status: This program was implemented at Salem on February 24, 1996. This program will be implemented at Hope Creek after the completion of its refueling outage. Current plans target bi-weekly control room mini-drills at both stations.

Item 4.e = Critique graded exercise on May 29, 1996 and define necessary actions.

Status: The critique will be completed by June 4, 1996 and a critique report will define necessary actions.