

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PN1-9425

This preliminary notification constitutes EARLY notice of events of POSSIBLE safety or public interest significance. The information is as initially received without verification or evaluation, and is basically all that is known by the Region I staff on this date.

Facility:  
Salem Generating Station, Unit 1  
Public Service Electric and Gas Co.  
Hancocks Bridge, New Jersey 08038

Licensee Emergency Classification:  
 Notification of Unusual Event  
 Alert  
 Site Area Emergency  
 General Emergency  
 Not Applicable

Docket No.: 50-272  
License No.: DPR-70  
Event No.:  
Event Location Code: POW

SUBJECT: STATUS REPORT FROM NRC AUGMENTED INSPECTION TEAM

On April 7, 1994, the Salem Unit 1 reactor tripped automatically from 25% power. At the time of the trip, operators were in the process of reducing power at 8% per minute in reaction to the fouling of the circulating water intake with grass from the river. Subsequent to the trip, a series of safety injection system actuations occurred that resulted in the filling of the pressurizer and the loss of normal reactor coolant system pressure control. During the event, there was a series of valves that apparently failed to operate as expected. An Augmented Inspection Team (AIT) was dispatched and began its review on April 8, 1994.

The AIT remains onsite gathering data, conducting interviews, inspecting equipment, meeting with the licensee, concurring in licensee action plans and analyzing facts. A preliminary sequence of events has been developed by the AIT. A set of preliminary hypotheses explaining the events has been developed by the AIT and is still being investigated.

All preliminary interviews of operators involved in the April 7, 1994 event leading up to the sequential auto-initiations of the emergency core cooling systems will be completed on April 11, 1994. The licensee's initial troubleshooting plan for the Solid State Protection System logic has been reviewed by the AIT and determined to be appropriate. Implementation of that initial troubleshooting plan is expected to be complete by April 14, 1994. Based on its current schedule, the AIT intends to depart the site by April 15, 1994.

Additional status reports will be issued if significant findings are discovered and a final status report will be issued prior to the AIT's departure from the site.

Contact: John White                      Robert Summers  
(610) 337-5114                      (609) 935-3850

180037  
9404180279 940411  
PDR I&E  
PNO-I-94-025 PDR

0/1  
IE-34

PRELIMINARY NOTIFICATION OF EVENT OR UNUSUAL OCCURRENCE PN1-9425

DISTRIBUTION:

<u>OWEN</u>	<u>MNBB</u>	<u>L-St.</u>	<u>NL</u>	Mail:	ADM:DMB
Chairman Selin	AEOD	PDR	RES		DOT:Trans only**
Comm. Rogers	IRM				
Comm. Remick	OIG			NRC Ops Ctr	_____
Comm. de Planque					
OCAA				INPO**	<u>3:00</u>
OIP				NSAC**	<u>3:05</u>

		<u>Phillips</u>		
OCA	EDO	ACRS		
OGC	NMSS			
OPA	NRR** (Phone Verif: A. Byrdsong 964-1168 or 964-1166)			
	OE			
	OSP	Regional Offices	_____	RI Resident Office <u>3:27</u>
		<u>EWW</u>		
		OIG		Licensee: <u>4:25</u>
				(Reactor Licensees)

\*\* General list for sending PNs by FAX