



**PSEG**

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

**Salem Generating Station**

November 22, 1993

U.S. Nuclear Regulatory Commission  
Document Control Desk  
Washington, D.C. 20555

Dear Sir:

SALEM GENERATING STATION  
LICENSE NO. DPR-70  
DOCKET NO. 50-272  
UNIT NO. 1

**TECHNICAL SPECIFICATION SURVEILLANCE 4.4.5.5.a NOTIFICATION**

On November 10, 1993, Steam Generator (S/G) tube plugging, in support of the eleventh refueling outage, was completed. Attached is a list of the plugged tube locations. In all, twenty-six (26) tubes were plugged due to imperfection depths greater than or equal to 40% and two (2) were plugged due to imperfection depths between 30% and 40%.

This notification is being made, within fifteen (15) days after tube plugging, as required by Technical Specification Surveillance 4.4.5.5.a

Sincerely yours,

C. A. Vondra,  
General Manager-  
Salem Operations

MJPJ:dpc

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PDR ADOCK 05000272  
P PDR

*Appl*  
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The power is in your hands.

Steam Generator Tubes Plugged  
Eleventh Refueling Outage

<u>S/G</u>	<u>Row/Column</u>	<u>% Depth</u>	<u>S/G</u>	<u>Row/Column</u>	<u>% Depth</u>
<u>Top of Tube Sheet - Rotating Pancake Coil (RPC) Program</u>					
11	2/53	>40	13	3/59	>40
	7/75	>40		6/6	>40
	17/52	>40		12/48	50
	17/59	>40		13/49	46
	18/58	53		13/50	>40
	18/60	51		14/39	>40
	19/59	>40			
	20/55	>40	14	17/83	>40
	20/61	>40			
	31/52	>40			

NOTE: All above RPC identified indication depths were inspected via the Bobbin Coil Inspection (BCI) Program to quantify the percent depth of indication due to the relative nature of the degradation.

Bobbin Coil Inspection (BCI) Program

11	39/52	37	12	5/42	>40
	40/56	40		8/4	>40
				28/85	>40
				33/43	>40
13	30/42	>40	14	44/35	39
	31/15	>40			
	38/59	44			
	38/63	51			

NOTE: All distorted bobbin coil signals were inspected via RPC probes to further evaluate potential indications. In those cases where the RPC inspection confirmed a defect, through-wall depth was determined to be greater than 40%.