



Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Generating Station

November 18, 1981

Mr. R. C. Haynes
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-111/03L

Pursuant to the requirements of Salem Generating Station
Unit No. 2, Technical Specifications, Section 6.9.1.9.b,
we are submitting Licensee Event Report for Reportable
Occurrence 81-111/03L. This report is required within
thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

CC: Distribution

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PDR ADOCK 05000311
S PDR

The Energy People



Report Number: 81-111/03L
Report Date: 11-18-81
Occurrence Date: 10-22-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Pressurizer Pressure and Reactor Coolant System Average Temperature - Below DNB Parameter.
This report initiated by Incident Report 81-421.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 -Rx Power 50% - Unit Load 500 MWe

DESCRIPTION OF OCCURRENCE:

On October 22, 1981, during a boration process, the pressurizer pressure dropped below 2220 PSIA to a pressure of 2190 PSIA for a period of 5 minutes. Action Statement 3.2.5.b was entered at 2310 hours.

This occurrence constituted operation in a degraded mode in accordance with Technical Specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Pressurizer Pressure and Reactor Coolant System average temperature dropped due to injection of an excessive amount of boron into the Reactor Coolant System by the Control Operator failing to adhere to standard boration procedures.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.2.5.b requires:

With any of the above parameters exceeding it's limit, restore the parameter to within it's limit within 2 hours or reduce thermal power to less than 5 percent of rated thermal power within the next 4 hours.

CORRECTIVE ACTION:

The boration process was immediately terminated and the Control Operator was counseled by the Shift Supervisor in proper boration procedures. In addition, the entire shift was made aware of the correct procedure and the consequences of over-borating the Reactor Coolant System. Action Statement 3.2.5.b was terminated at 2315 hours, October 22, 1981.

FAILURE DATA:

Not Applicable

Prepared By K. Whitcomb



General Manager -
Salem Operations

SORC Meeting No. 81-119B