



Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 Phone 201/430-7000

August 7, 1981

Mr. Boyce H. Grier
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406



Dear Mr. Grier:

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-59/03L

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 81-59/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

R. A. Uderitz 7/08
R. A. Uderitz
General Manager -
Nuclear Production

CC: Director, Office of Inspection
and Enforcement (30 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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The Energy People

Report Number: 81-59/03L
Report Date: August 7, 1981
Occurrence Date: 7-9-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Pressurizer Overpressure Protection System Channel 2 - Inoperable.
This report was initiated by Incident Report 81-242.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 4 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

During cooldown on July 9, 1981, the Pressurizer Overpressure Protection System (POPS) channel 2 was declared inoperable due to previous closure of isolation valve 2PR7 because of known leak through on the pressurizer power operated relief valve (PORV) 2PR2. Action statement 3.4.10.3.a was entered when Reactor Coolant System (RCS) temperature decreased to 312°F at 1957 hours, July 9, 1981.

This occurrence constituted operation in a degraded mode in accordance with technical specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

PORV 2PR2 was previously identified to be leaking through, and was isolated by closing 2PR7. When RCS temperature was decreased to 312°F, POPS channel 2 was declared inoperable because it was isolated.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.4.10.3.a requires:

With one POPS inoperable, restore the inoperable POPS to operable status within 7 days or depressurize and vent the RCS through a 3.14 square inch vent within the next 8 hours.

CORRECTIVE ACTION:

At 0715, July 12, 1981, Unit 2 was raised above 312°F, terminating action statement 3.4.10.3.a. Action statement 3.4.5.a was entered immediately because 2PR7 was closed and the power removed.

Valve 2PR2 will be repaired and tested during the next refueling outage. A supplemental report will be submitted at that time.

FAILURE DATA:

Valve 2PR2
Copes-Vulcan

Prepared By F. Dickey

SORC Meeting No. 81-71

H. J. Midura
Manager - Salem Generating Station