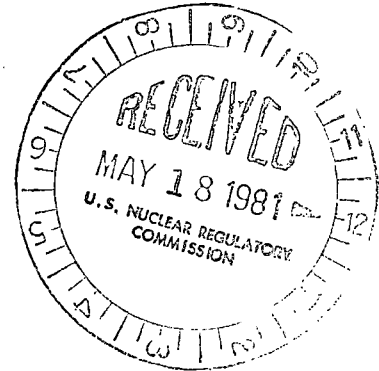




Public Service Electric and Gas Company 80 Park Plaza Newark, N.J. 07101 Phone 201/430-7000

May 12, 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-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 81-41/03L

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1, we are submitting Licensee Event Report for Reportable Occurrence 81-41/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

R. A. Uderitz
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)

The Energy People

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PSEG

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Director, Office of Management
Information and Program Control
(3 copies)

Report Number: 81-41/03L
Report Date: May 12, 1981
Occurrence Date: 4/26/81
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Reactor Coolant System Leakage

CONDITIONS PRIOR TO OCCURRENCE:

Mode 3 - Rx Power 0% - Unit Load 0 MW

DESCRIPTION OF OCCURRENCE:

While in hot standby on April 26, 1981, Action Statement 3.4.6.2 was entered at 0850 hours because of an unidentified Reactor Coolant System leak.

Investigation revealed that valve 1PS8 was leaking. This occurrence constituted operation in a degraded mode IAW Technical Specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment Failure - Valve packing was worn.

ANALYSIS OF OCCURRENCE:

Quantitative analysis based on the Reactor Coolant System inventory balance and Containment Fan Cooler condensate flow indicated a leak rate of 2.69 gpm from 1PS8.

Technical Specification 3.4.6.2 requires that Reactor Coolant System leakage shall be limited to 1 gpm unidentified leakage or 10 gpm identified leakage from the Reactor Coolant System.

CORRECTIVE ACTION:

The Action Statement for unidentified leakage was terminated at 1220 hours when it was discovered that 1PS8 was leaking. The valve was repacked.

FAILURE DATA:

Rockwell Manufacturing Company
Type 3625

Prepared By J. J. Espey

SORC Meeting No. 81-36

H. J. Williams
Manager - Salem Generating Station