



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

Salem Generating Station

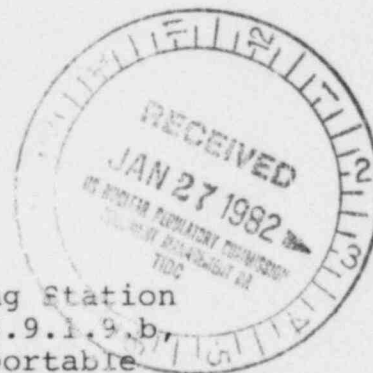
January 15, 1982

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-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 81-121/03L

Pursuant to the requirements of Salem Generating Station
Unit No. 1, Technical Specifications, Section 6.9.1.9.b,
we are submitting Licensee Event Report for Reportable
Occurrence 81-121/03L. This report is required within
thirty (30) days of the occurrence.



Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

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CC: Distribution

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Report Number: 81-121/03L
Report Date: 01-15-82
Occurrence Date: 12-28-81
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Fan Coil Unit - Service Water Leak Outside Containment.

This report was initiated by Incident Report 81-512.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 64% - Unit Load 660 MWe

DESCRIPTION OF OCCURRENCE:

On December 28, 1981, an operator discovered a service water leak in the spool piece between service water valves 12SW57 and 12SW58, located in the 78' Elevation North Penetration Area. The leak was isolated by closing service water valves 12SW54 and 12SW76, isolating No. 12 Containment Fan Coil Unit (CFCU), rendering it inoperable. At 0550 hours Action Statement 3.6.2.3.a was entered.

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

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The carbon steel spool piece between valves 12SW57 and 12SW58 was leaking.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.2.3.a requires:

With one group of the required Containment Cooling Fans inoperable and both Containment Spray Systems operable, restore the inoperable group of cooling fans to operable status within 7 days or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

CORRECTIVE ACTION:

At 0347 hours, January 2, 1982, the plant went into mode 4. Because Action Statement 3.6.2.3.a is not applicable in mode 4, it was terminated.

Design Change Package IEC 0504 is in progress, and will change the spool piece to stainless steel. A supplemental report will be issued upon completion.

FAILURE DATA:

Spool Piece
Carbon Steel

Prepared By F. Dickey

H. J. McFadden
General Manager -
Salem Operations

SORC Meeting No. 82-08