



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

December 16, 1981

DESIGNATED ORIGINAL

Certified By WC 12-23-81

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 81-122/03L

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 81-122/03L. 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

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Report Number: 81-122/03L
Report Date: 12-16-81
Occurrence Date: 11-19-81 and 12-7-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Air Lock - Inoperable.

This report was initiated by Incident Reports 81-468 and 81-491.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 91% - Unit Load 1040 MWe

DESCRIPTION OF OCCURRENCE:

On two occasions, November 19 and December 7, 1981, while performing surveillance procedure SP(O)4.6.1.3 on the 130' elevation containment air lock, it was determined that the leakage rate exceeded the limit of 0.05 La at the design pressure of 47.0 PSIG as required by Technical Specification 3.6.1.3.b. At 0100 and 1945 hours, respectively, the air lock was declared inoperable and Action Statement 3.6.1.3.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 air lock did not seal properly due to misalignment of the inner door latch mechanism and failure of a latch bearing.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.1.3.a requires:

With one air lock door inoperable, maintain at least the operable air lock door closed and either restore the inoperable air lock door to operable status within 24 hours or lock the operable air lock door closed; otherwise, be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours.

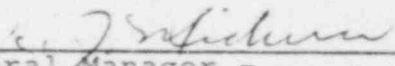
CORRECTIVE ACTION:

On November 19 the failed latch bearing was replaced; and on December 7 the door latch was properly readjusted. Surveillance procedure SP(O) 4.6.1.3 was satisfactorily performed, and at 1542 and 2235 hours, respectively, Action Statement 3.6.1.3.a was terminated.

FAILURE DATA:

Chicago Bridge and Iron Company
Containment Air Lock
Latch Bearing IBCIR-8407

Prepared By F. Dickey



General Manager -
Salem Operations

SORC Meeting No. 81-127