



Public Service Electric and Gas Company 80 Park Place Newark, N.J. 07101 Phone 201/622-7000

January 31, 1979

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 79-02/03L

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 79-02/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

F. P. Librizzi
F. P. Librizzi
General Manager -
Electric 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

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Report Number: 79-02/03L
Report Date: 01-31-79
Occurrence Date: 1-03-79
Facility: Salem Generating Station
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Air Lock Elevation 100 Inoperable

CONDITIONS PRIOR TO OCCURRENCE:

Operational Mode 1
Reactor Power - 100%

DESCRIPTION OF OCCURRENCE:

At 1545, 1-3-79, a Leak Rate Test on the 100 foot elevation containment air lock showed leakage in excess of Technical Specification requirement. The Action Statement for Technical Specification 3.6.1.3 was implemented. The air lock doors were reworked and returned to service at 2030. A satisfactory Leak Rate Test terminated the Action Statement.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The apparent cause of the excessive leakage was damaged door seals. The seals had split at a vulcanized seam.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.6.1.3 requires that with an air lock inoperable, restore the air lock to operable status within 24 hours or be in at least hot standby within the next 6 hours and in cold shutdown within the following 30 hours. The inoperable air lock was returned to service within 5 hours.

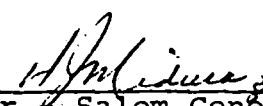
CORRECTIVE ACTION:

The inner and outer door seals were replaced and the Leak Rate Test rerun satisfactorily. DCR 1-ED-442 has been submitted to upgrade the air locks.

FAILURE DATA:

Containment Air Lock
Manufacturer - Chicago Bridge & Iron Company

Prepared by A. W. Kapple


Manager Salem Generating Station

SORC Meeting No. 6-79