

PSEG

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

June 8, 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 81-48/03L

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 81-48/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "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)

Report Number: 81-48/03L
Report Date: June 8, 1981
Occurrence Date: 5/14/81
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Containment Air Lock Inoperable

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 99% - Unit Load 1100 MWe.

DESCRIPTION OF OCCURRENCE:

While performing Surveillance Procedure SP(O)4.6.1.3 on the Elevation 100' 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 3.6.1.3b. At 1906 hours, Action Statement 3.6.1.3 was entered. The Action Statement for 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. This occurrence constituted operation in a degraded mode IAW Technical Specification 6.9.1.9b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The outer door seal would not hold pressure.

ANALYSIS OF OCCURRENCE:

Upon investigation, it was determined that the outer door seal had come out of its channel and, therefore, could not maintain pressure.

CORRECTIVE ACTION:

The seals on the outer door were repaired and tested satisfactorily. The Action Statement was terminated at 2136 hours on May 14, 1981.

FAILURE DATA:

Containment Personnel Air Lock
Chicago Bridge and Iron Company

Prepared By J. J. Espey

SORC Meeting No. 81-45

H. J. W. W. W.
Manager - Salem Generating Station