

PSEG

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

June 30, 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-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-35/01T

Pursuant to the requirements of Salem Generating Station Unit No. 2 Technical Specifications, Section 6.9.1.8.e, we are submitting Licensee Event Report for Reportable Occurrence 81-35/01T. This report is required within fourteen (14) 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)

8109150404 810902
PDR ADCK 05000311
S PDR

Report Number: 81-35/01T
Report Date: June 30, 1981
Occurrence Date: 6-1-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Check Valves 21MS46 and 23MS46 - Inoperable

CONDITIONS PRIOR TO OCCURRENCE:

Mode 5 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

During the repair of a valve bonnet leak on check valve 23MS46 the valve was found to be damaged internally. The valve disc stud had broken and the valve disc was in the bottom of the valve body. Valve 23MS46 also had cracks in the disc, cracked bushings, warped hinge pin, and all hinge pin holes were elongated.

Valve 21MS46 was inspected and similar damage was observed.

This occurrence constituted failure of one or more components which could prevent the fulfillment of the functional requirements of systems used to cope with accidents analyzed in the SAR in accordance with Technical Specification 6.9.1.8.e.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of this damage has not been determined and is under investigation.

ANALYSIS OF OCCURRENCE:

The vendor was called in to assist PSE&G personnel in determining the cause of this occurrence. The representative supplied parts to return the valves to operable status.

June 30, 1981

CORRECTIVE ACTION:

Valves were repaired and made operable. Investigation of this occurrence will determine the corrective action necessary to mitigate a recurrence of this failure. These valves will be radiographed until a determination of the reason for the damage can be made.

When this investigation is complete a supplemental report will be issued.

FAILURE DATA:

Check Valves 21MS46 and 23MS46
Velan 6" Check Valve
Type B14-2114 P-2TS

Prepared By J. J. Espey

SORC Meeting No. 81-56

H. J. Midway
Manager - Salem Generating Station