



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-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 81-59/01T

Pursuant to the requirements of Salem Generating Station Unit No. 1 Technical Specifications, Section 6.9.1.8.e, we are submitting Licensee Event Report for Reportable Occurrence 81-59/01T. 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 (40 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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The Energy People

Report Number: 81-59/01T

Report Date: June 30, 1981

Occurrence Date: 6-16-81

Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Harbors Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Check Valves 11MS46 and 13MS46 - Inoperable

CONDITIONS PRIOR TO OCCURRENCE:

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

DESCRIPTION OF OCCURRENCE:

Due to the problems found with the Unit 2 Auxiliary Feed Pump Steam Supply Check Valves, Report Number 81-35/01T, an inspection of the Unit 1 valves was instituted. Check Valves 11MS46 and 13MS46 had damage similar to that discovered in Unit 2. Valve 11MS46 had a warped hinge pin and elongated holes in the hinge. Valve 13MS46 had cracked hinge bushings, warped hinge pin, broken disc stud and elongate holes in the hinge.

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

These valves will be radiographed monthly until a determination of the reason for the damage can be made.

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CORRECTIVE ACTION:

Valves were repaired and returned to operable status. Investigation of this occurrence will determine the corrective action necessary to mitigate a reoccurrence of this failure. When this investigation is complete a supplemental report will be issued.

FAILURE DATA:

Check Valves 11MS46 and 23MS46
Velan 6 inch Check Valves
Type B14-2114 B-2TS

Prepared By J. J. Espey

SORC Meeting No. 81-56

H. J. Midway
Manager - Salem Generating Station