



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

December 5, 1980

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 80-61/01T

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 80-61/01T. This report is required within fourteen (14) days of the occurrence.

Sincerely yours,

F. P. Librizzi

F. P. Librizzi
General Manager -
Electric Production

CC: Director, Office of Inspection
and Enforcement (40 copies)
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REPORT NUMBER: 80-61/01T
Report Date: December 5, 1980
Occurrence Date: 11/23/80
Facility: Salem Generating Station, Unit 1
Public Service Electric and Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Both Fire Suppression Water Systems Inoperable.

CONDITIONS PRIOR TO OCCURRENCE:

Unit Nos. 1 and 2 - Mode 5 - Cold Shutdown

No. 1 Fire Pump was inoperable since 0530 hours, October 12, 1980.

No. 2 Fire Pump was operable on the fire suppression header and backup fire suppression system was supplied from Hope Creek site by opening LFP30.

DESCRIPTION OF OCCURRENCE:

During flushing of the fire suppression header, the header pressure dropped below the starting pressure for the No. 2 Fire Suppression Pump and the pump started but was automatically shutdown after a 90 second run. This was observed twice and Action Statement 3.7.10.1b was entered at 1415 hours on October 23, 1980. The alternator was found to have failed and was replaced. The fire pump was auto started and run for fifteen minutes. The No. 2 Fire Pump was declared operable and the Action Statement was terminated at 0230 hours on December 4, 1980.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Equipment Failure

ANALYSIS OF OCCURRENCE:

The alternator output is used to supply a successful auto start signal. The failure of the alternator resulted in an auto shutdown after a 90 second time delay.

CORRECTIVE ACTION:

The alternator was removed and replaced.

LER 80-61/01T

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December 5, 1980

FAILURE DATA:

Alternator Make: Delco-Remy
Model 2J29-24 Volt Negative

Prepared by J. C. Osuch

H. J. W. Williams, Jr.
Manager - Salem Generating Station

SORC Meeting No. 101-80