



Public Service Electric and Gas Company P.O. Box E Hancocks Bridge, New Jersey 08038

Salem Generating Station

August 18, 1982

Mr. R. C. Haynes
Regional Administrator
USNRC
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

LICENSE NO. DPR-70
DOCKET NO. 50-272
REPORTABLE OCCURRENCE 82-055/03L

Pursuant to the requirements of Salem Generating Station Unit No. 1, Technical Specifications, Section 6.9.1.9.b, we are submitting Licensee Event Report for Reportable Occurrence 82-055/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

RH:ks *JHJ*

CC: Distribution

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PDR ADOCK 05000272
S PDR

The Energy People

IE22

Report Number: 82-055/03L
Report Date: 08-18-82
Occurrence Date: 08-01-82
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Fire Protection System - No. 1 Fire Pump - Inoperable.

This report was initiated by Incident Report 82-206.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 98% - Unit Load 1050 MWe.

DESCRIPTION OF OCCURRENCE:

At 1005 hours, August 1, 1982, during surveillance testing of the Fire Suppression System, the operator discovered that No. 1 Fire Pump would not start from automatic initiation. The fire pump was declared inoperable and Technical Specification Limiting Condition for Operation Action Statement 3.7.10.1a was entered at 1015 hours.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Investigation revealed that a fuse was blown on No. 1 Battery Charger, preventing it from keeping the required charge on the battery. Previous surveillance on the battery had shown the battery to be satisfactory.

ANALYSIS OF OCCURRENCE:

The operability of the fire suppression systems ensures that adequate fire suppression capability is available to confine and extinguish fires occurring in any portion of the facility, where safety related equipment is located. Due to redundancy in the fire suppression system, one pump being inoperable did not result in any loss of protection. No. 2 Fire Pump was tested and was capable of meeting system requirements in the event of a fire. Therefore, this occurrence involved no risk to the health and safety of the general public.

ANALYSIS OF OCCURRENCE: (continued)

Action Statement 3.7.10.1a requires:

With one pump and or water supply inoperable, restore the inoperable equipment to operable status within 7 days or, in lieu of any other report required by Specification 6.9.1, prepare and submit a special report to the Commission pursuant to Specification 6.9.2 within the next 30 days, outlining the plans and procedures to be used to provide for the loss of redundancy in this system.

Inoperability of No. 1 Fire Pump, therefore, constituted operation in a degraded mode, permitted by a limiting condition for operation, and is reportable in accordance with Technical Specification 6.9.1.9.b.

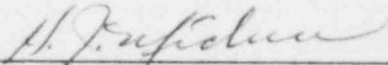
CORRECTIVE ACTION:

The fuse was replaced and the battery charger was used to recharge the battery. The surveillance test was satisfactorily performed, and No. 1 Fire Pump was declared operable. Action Statement 3.7.10.1a was terminated at 1900 hours, August 1, 1982.

FAILURE DATA:

Lexington Standard Corporation
Model LX1000
Fire Pump Controller

Prepared By R. Heller



General Manager -
Salem Operations

SORC Meeting No. 82-77