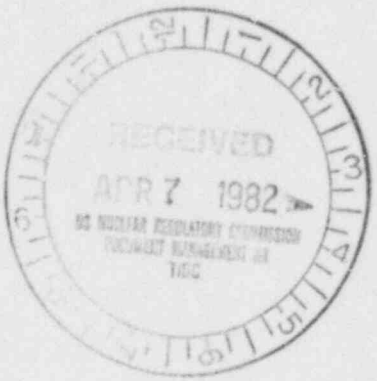
PSE&G

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

Salem Generating Station

March 24, 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 82-12/03L

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 82-12/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura

H. J. Midura
General Manager -
Salem Operations

LFM FD:al

CC: Distribution

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Report Number: 82-12/03L

Report Date: 03-24-82

Occurrence Date: 02-23-82

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

IDENTIFICATION OF OCCURRENCE:

No. 1B Diesel Generator - Inoperable.

This report was initiated by Incident Report 82-041.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 6 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

On February 23, 1982, while performing his rounds, an operator discovered that No. 1B Diesel Generator cubicle contained a significant amount of chromated water on the floor. An electrical conduit containing leads to the pre-lubrication pump and heater was filled with the water. Investigation revealed that the right side jacket water heater was leaking at it's connection to the diesel. At 0225 hours No. 1B Diesel was declared inoperable, and since No. 1C Diesel was already tagged out, Action Statements 3.8.1.2 and 3.8.2.2 were entered.

This occurrence constituted operation in a degraded mode in accordance with Technical Specification 6.9.1.9.b.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The right side jacket water heater was leaking. Design Change Request (DCR) 1SC-0086 has been issued to replace the heaters with a variety utilizing a more corrosion resistant sheath to retard corrosive action, and prevent filling the conduit with chromated water.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.8.1.2 requires:

> With less than the above minimum required A.C. electrical power sources operable, suspend all operations involving core alterations or positive reactivity changes until the minimum required A.C. electrical power sources are restored to operable status.

Technical Specification 3.8.2.2. requires:

> With less than the above complement of A.C. busses operable and energized, establish containment integrity within 8 hours.

CORRECTIVE ACTION:

All operations involving core alterations or positive reactivity changes were suspended immediately. Containment integrity was established at 1020 hours, February 23. Both jacket water heaters were replaced as per DCR 1SC-0086. The prelubrication pump and motor were replaced. The conduit was flushed out and dried. No. 1B Diesel was tested satisfactorily and declared operable. At 0215 hours, February 24, 1982 Action Statments 3.8.1.2 and 3.8.2.2. were terminated.

FAILURE DATA:

Jacket Water Heaters
Alco Part No. 72-82990-090

Prelubrication Pump
Viking Model HJ-475M

Prelubrication Pump Motor
General Electric, 3 H.P.
No. 5K182J254C

Prepared By F. Dickey

General Manager -
Salem Operations

SORC Meeting No. 82-32