



PSEG

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

Salem Generating Station

April 13, 1982

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



Dear Mr. Haynes:

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 82-25/03L

Pursuant to the requirements of Salem Generating Station Unit No. 2, Technical Specifications, Section 6.9.1.9.b, we are submitting Licensee Event Report for Reportable Occurrence 82-25/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

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CC: Distribution

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The Energy People

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Report Number: 82-25/03L
Report Date: 04-13-82
Occurrence Date: 04-02-82
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 22 Residual Heat Removal Pump - Overcurrent Trip.

This report was initiated by Incident Report 82-067.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 100% - Unit Load 1150 MWe.

DESCRIPTION OF OCCURRENCE:

On April 2, 1982 the Control Room Operator started No. 22 Residual Heat Removal (RHR) Pump for an operability check. A few seconds after closing, the pump supply breaker opened due to phase A overcurrent. At 0105 hours No. 22 RHR Pump and the related ECCS subsystem were declared inoperable, and Action Statement 3.5.2.d was 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:

An investigation of the occurrence revealed no apparent cause for the breaker overcurrent trip.

The pump checked satisfactorily for free rotation and winding resistance-to-ground. Breaker contact resistance and overcurrent relay setpoints were satisfactory. A strip chart recording of phase currents during pump operation showed no abnormalities.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.5.2.d requires:

With one ECCS subsystem inoperable, restore the inoperable subsystem to operable status within 72 hours, or be in hot shutdown within the next 12 hours.

CORRECTIVE ACTION:

No. 22 RHR Pump was satisfactorily tested, and Surveillance Procedure SP4.0.5(P) was satisfactorily performed. The pump and ECCS subsystem were declared operable at 1525 hours, April 2, 1982, and Action Statement 3.5.2.d was terminated.

A program of increased surveillance was instituted for No. 22 RHR pump to extend through the end of this month. A Supplemental LER will be submitted upon completion.

FAILURE DATA:

Not Applicable.

Prepared By R. Frahm

M. J. Viciura
General Manager -
Salem Operations

SORC Meeting No. 82-41