



PSEG

Public Service Electric and Gas Company P.O. Box 236 Hancocks Bridge, New Jersey 08038

Salem Generating Station

January 20, 1994

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir:

SALEM GENERATING STATION
LICENSE NO. DPR-70
DOCKET NO. 50-272
UNIT NO. 1

SPECIAL REPORT 94-01

This Special Report addresses inoperability of the Radiation Monitoring System channels 1R45B and 1R45C Plant Vent medium and high range noble gas monitors for greater than seven (7) days. This report is submitted in accordance with Technical Specification (TS) 3.3.3.1, Action 23, and pursuant to TS 6.9.2.

Sincerely yours,

C. A. Vondra
General Manager -
Salem Operations

MJPJ:pc

Distribution

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The power is in your hands.

PLANT IDENTIFICATION:

Salem Generating Station - Unit 1
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Radiation Monitoring Channels 1R45B and 1R45C Inoperable Greater Than Seven Days

Event Date: 1/6/94

Report Date: 1/20/94

This report was initiated by Incident Report No. 94-014, which identifies failure of the 1R45B and C Radiation Monitoring System (RMS) channels on January 6, 1994. These channels were not returned to service within seven days; therefore, this Special Report is required per Technical Specification (TS) 3.3.3.1.b, Table 3.3-6, Action 23, which states:

"With the number of OPERABLE channels less than required by the Minimum Channels OPERABLE requirements, initiate the preplanned alternate method of monitoring the appropriate parameter(s), within 72 hours, and:

1. either restore the inoperable Channel(s) to OPERABLE status within 7 days of the event, or
2. prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within 14 days following the event outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to OPERABLE status."

CONDITIONS PRIOR TO OCCURRENCE:

Mode 4 (Hot Shutdown) Reactor Power -0-% Unit Load -0- MWe

DESCRIPTION OF OCCURRENCE:

On January 13, 1994, at 0338 hours, the seven day time frame of TS Table 3.3-6, Action 23, was exceeded.

CAUSE OF INOPERABILITY:

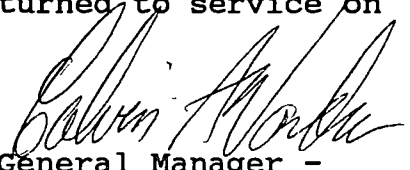
On January 6, 1994, at 0338 hours, 1R45B and 1R45C RMS channels (medium and high range Plant Vent noble gas monitors) were declared inoperable due to loss of signal communication between the local monitor and remote indication in the Control Room. This problem was corrected the same day by cleaning circuit card edge connectors in the remote monitor CT-2B. While performing post-maintenance testing, the

CAUSE OF INOPERABILITY: (cont'd)

technician identified a concern, requiring investigation, resolution, and revision of the procedure. This was completed on January 11, 1994. The test procedure was satisfactorily completed for 1R45C on January 13, 1994, at 2043 hours, and for 1R45B on January 17, 1994, at 1358 hours. On January 18, 1994, at 1415 hours, the monitors were returned to service.

PLANS AND SCHEDULE FOR RESTORATION TO OPERABLE STATUS:

As explained above, the monitors were returned to service on January 18, 1994.



General Manager -
Salem Operations

MJPJ:pc

SORC Mtg. 94-06