



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

Salem Generating Station

November 17, 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 82-083/03L

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 82-083/03L. This report is required within thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

RF:ks *792*

CC: Distribution

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PDR ADOCK 05000272
S PDR

Report Number: 82-083/03L
Report Date: 11-17-82
Occurrence Date: 11-02-82
Facility: Salem Generating Station Unit 1
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Meteorological Monitoring Instrumentation - Air Temperature-Delta T - Inoperable.

This report was initiated by Incident Report 82-407.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 6 - RX Power 0% - Unit Load 0 MWe.

DESCRIPTION OF OCCURRENCE:

At 0115 hours, November 2, 1982, during routine shutdown operation, the Control Room Operator observed that the temperature recorder for both meteorological instrumentation air temperature - delta T channels was not operating. The channels were declared inoperable and Technical Specification Action Statement 3.3.3.4a was entered. The chart recorder was subsequently repaired, and the instruments were tested satisfactorily. The air temperature - delta T channels were declared operable at 1432 hours, November 2, 1982, and Action Statement 3.3.3.4a was terminated.

APPARENT CAUSE OF OCCURRENCE:

Investigation of the problem revealed that the pinion gear on the chart drive motor had failed. No previous failures of this type were noted, and the problem was assumed to be of an isolated nature.

ANALYSIS OF OCCURRENCE:

The operability of the meteorological monitoring instrumentation ensures that sufficient meteorological data is available for estimating potential radiation doses to the public as a result of the routine or accidental release of radioactive material to the atmosphere. This capability is required to evaluate the need for initiating protective measures to protect the health and safety of the public.

Action Statement 3.3.3.4a requires:

With one or more of the required meteorological monitoring channels inoperable for more than 7 days, prepare and submit a Special Report to the Commission pursuant to Specification 6.9.2 within the next 10 days outlining the cause of the malfunction and the plans for restoring the channel(s) to operable status.

ANALYSIS OF OCCURRENCE: (cont'd)

The 7 day time limit required by the limiting condition for operation insures adequate meteorological monitoring capability remains available. As noted, the channels were returned to operable status within the specified time period, and the event therefore involved no risk to the health and safety of the public. The occurrence constituted operation in a degraded mode permitted by a limiting condition for operation and is reportable in accordance with Technical Specification 6.9.1.9b.

CORRECTIVE ACTION:

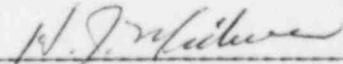
The failed chart drive motor was replaced, and as noted, the air temperature - delta T channels were returned to an operable status. No further action was deemed necessary in view of the nature of the problem.

FAILURE DATA:

Leeds and Northrup Co.
Chart Drive Motor
P/N 29-2793

Prepared By R. Frahm

SORC Meeting No. 82-102B



General Manager -
Salem Operations