



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

Salem Generating Station

April 1, 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 82-11/03X-1
SUPPLEMENTAL REPORT

Pursuant to the requirements of Salem Generating Station
Unit No. 1 Technical Specifications, Section 6.9.1.9.b,
we are submitting supplemental Licensee Event Report for
Reportable Occurrence 82-11/03X-1.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

FD:ks

CC: Distribution

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PDR ADOCK 05000272
S PDR

The Energy People

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5/11

Report Number: 82-11/03X-1
Report Date: 04-01-82
Occurrence Date: 02-15-82
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Fire Detection Instrumentation - Inoperable.

This report was initiated by Incident Report 82-034.

CONDITIONS PRIOR TO OCCURRENCE:

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

DESCRIPTION OF OCCURRENCE:

At 1100 hours, February 15, 1982, the Control Operator noticed that the fire alarm for the 84' Elevation, Charging Pump Area had annunciated on the LRP5 Fire Zone Alarm panel, but the coded audible alarm did not sound. The fire alarm was declared inoperable and Action Statement 3.3.3.6 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:

A fire alarm relay was not seated firmly in it's socket.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.3.3.6 requires: With the number of operable fire detection instruments less than required by Table 3.3-10:

Within one hour establish a fire watch patrol to inspect the zone(s) with the operable instrument(s) at least once per hour, and restore the inoperable instrument(s) to operable status within 14 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.

CORRECTIVE ACTION:

An operator was immediately stationed at the LRP5 panel to monitor any incoming alarms.

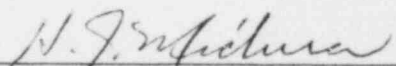
The control circuit relay from the 24 hour timer in the Miscellaneous Signal Cabinet was sticking. The audio/test switch on the timer was cycled, the relay cleared, and the coded audible alarm functioned properly. At 1420 hours, February 15, 1982 Action Statement 3.3.3.6 was terminated.

On February 22, 1982 the audible alarm signal did not actuate during a fire alarm test. A fire alarm relay was not seated firmly in it's socket. The relay was firmly seated and the fire alarm audible signal was tested satisfactorily.

FAILURE DATA:

Struthers Dunn, Inc.
Relay 219XDXP 33
24-28 Volt D.C.

Prepared By F. Dickey


General Manager -
Salem Operations

SORC Meeting No. 82-27