



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

Salem Generating Station

October 20, 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 82-09/03X-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 82-09/03X-1.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

RH:ks *APL*

CC: Distribution

8211060198 821020
PDR ADOCK 05000272
S PDR

The Energy People

IEU

Report Number: 82-09/03X-1
Report Date: 10-20-82
Occurrence Date: 01-18-82 and 01-25-82
Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Cardox Fire Suppression System Inoperable Greater Than 14 Days -
Special Report.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 5 - Rx Power 0% - Unit Load 0 MWe

DESCRIPTION OF OCCURRENCE:

On January 4, 1982 the switches for the Cardox Fire Suppression System for 1A, 1B and 1C Diesel Generator Areas were placed in the manual position in order to protect personnel working in the area, and Action Statement 3.7.10.3 was entered. A continuous fire watch was established within one hour. On January 18, 1982 the Cardox System had been inoperable for greater than 14 days, therefore a special report was required.

On January 11, 1982 the switches for the Cardox System for the No. 12 Fuel Oil Storage Tank Area were placed in the manual position for the same reason. Likewise, a continuous fire watch was established. On January 25, 1982 the system had been inoperable for greater than 14 days.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The Cardox Systems were put in manual control to ensure the safety of personnel working in the affected areas during the maintenance outage.

ANALYSIS OF OCCURRENCE:

Technical Specification 3.7.10.3 requires:

- a. With one or more of the required low pressure CO2 systems inoperable, establish a continuous fire watch with back-up fire suppression equipment for the unprotected area(s) within one hour; restore the system 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 the Specification 6.9.2 within the next 30 days outlining the action taken, the cause of the inoperability and the plans and schedule for restoring the system to operable status.
- b. The provisions of Specification 3.0.3 and 3.0.4 are not applicable.

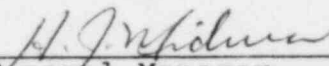
CORRECTIVE ACTION:

A continuous fire watch was maintained in the affected areas. The identified Cardox Systems were maintained in the manual control mode for personnel safety due to the maintenance outage. At the end of the outage the identified Cardox Systems were returned to the automatic mode of operation and Action Statement 3.7.10.3 was terminated at 0907 hours, May 1, 1982.

FAILURE DATA:

Not Applicable

Prepared By R. Heller



General Manager -
Salem Operations

SORC Meeting No. 82-94B