



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

Salem Generating Station

September 29, 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 82-044/03X-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 82-044/03X-1.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

RH:ks *JGZ*

CC: Distribution

8210150071 820929
PDR ADOCK 05000272
S PDR

The Energy People

IEZ

Report Number: 82-044/03X-1

Report Date: 09-29-82

Occurrence Date: 06-23-82

Facility: Salem Generating Station, Unit 1
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

No. 12 Control Room Emergency Air Conditioning Fan - Inoperable.

This report was initiated by Incident Report 82-175.

CONDITIONS PRIOR TO OCCURRENCE:

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

DESCRIPTION OF OCCURRENCE:

At 0245 hours, June 23, 1982, while starting No. 13 Control Area Supply Fan, the Control Room Operator observed that the No. 1C Vital Ventilation Control Center tripped. An immediate investigation of the problem revealed that Control Center Supply Breaker 1C16Y had opened on an overcurrent condition, de-energizing all control center loads. No. 12 Control Room Emergency Air Conditioning Fan, which was supplied from the center, was therefore inoperable retroactive to the time of the occurrence. The inoperability was overlooked, however, and declaration of entry into the applicable action statement was not made. Tracking of this and a previous similar occurrence on May 26, 1982, by the Resident NRC Inspector, led to subsequent identification of the event as being reportable. The supply breaker was reclosed at 0307 hours, June 23, 1982, and No. 1C Vital Ventilation Control Center was returned to service. The redundant control room emergency air conditioning fan was operable throughout the occurrence.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

Investigation revealed the cause of this occurrence to be drifting of the overload relay setpoint. The setpoint had drifted low, causing the breaker to trip prematurely.

ANALYSIS OF OCCURRENCE:

The Control Room Emergency Air Conditioning System ensures that the ambient temperature does not exceed that allowable for continuous duty of equipment and instrumentation cooled by the system, and that the room will remain habitable for operations personnel during all credible accident conditions. As noted, the redundant fan was operable, and capable of fully meeting system flow requirements.

ANALYSIS OF OCCURRENCE: (continued)

Consequently, no risk to the health or safety of the public was involved. The occurrence constituted operation in a degraded mode permitted by a limiting condition for operation, and is reportable in accordance with Technical Specification 6.9.1.9.b.

Technical Specification Action Statement 3.7.6.1.a requires:

With one control room emergency air conditioning fan inoperable, restore the inoperable fan to operable status within 7 days or be in at least hot standby within the next 6 hours and in cold shut-down within the following 30 hours.

CORRECTIVE ACTION:

As noted, the vital ventilation bus was re-energized and the emergency fan restored to an operable status, within the time period specified by the action statement. Action statement declarations were logged with late entries on July 21, 1982. Personnel involved were counseled by the Shift Supervisor concerning applicable sections of the Technical Specifications and the incident reporting program.

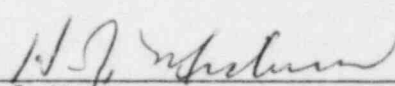
As noted, an investigation revealed that the Control Center Supply Breaker Overload Relay setpoint had drifted low. The Control Center Supply Breaker 1C16Y was replaced with a spare, and the installed breaker was satisfactorily tested.

FAILURE DATA:

No. 12 Control Room Emergency Air Conditioning Fan was inoperable due to a similar problem which occurred on May 26, 1982. Control center readings were found to be normal, and no reason for the breaker trip was apparent at that time (see LER 82-036).

General Electric
200 Series Breaker

Prepared By R. Heller


General Manager -
Salem Operations

SORC Meeting No. 82-87