



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

Salem Generating Station

April 13, 1983

Mr. J. Allan
Acting Regional Administrator
USNRC
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Allan

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 83-004/04L

Pursuant to the requirements of Salem Generating Station
Unit No. 2, Environmental Technical Specifications, Section
5.4, we are submitting Licensee Event Report for Reportable
Occurrence 83-004/04L. This report is required within
thirty (30) days of the occurrence.

Sincerely yours,

H. J. Midura
General Manager -
Salem Operations

RF:ks

CC: Distribution

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PDR ADDCK 05000311
S PDR

The Energy People

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Report Number: 83-004/04L
Report Date: 04-06-83
Occurrence Date: 03-17-83
Facility: Salem Generating Station Unit 2
Public Service Electric & Gas Company
Hancock's Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Missed Sample - Plant Vent Weekly Iodine and Particulate Activity.

This report was initiated by Incident Report 83-056.

CONDITIONS PRIOR TO OCCURRENCE:

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

DESCRIPTION OF OCCURRENCE:

At 1500 hours, March 17, 1983, while conducting routine sampling of gaseous radioactive waste, it was discovered that the sample pump for the iodine/particulate collection devices was de-energized. Investigation revealed that the pump was supplied by the same breaker as the pump for Radiation Monitor R-41. The breaker had been tagged out at 2111 hours, March 11, 1983, for implementation of a design change of Monitor R-41. Due to the resulting inoperability of the collection devices, the iodine and particulate samples for the week of March 10 to March 17, 1983, were not representative of gaseous effluents.

At 2030 hours, March 17, 1983, a temporary power feed to the collection device sample pump was installed and the pump was re-energized. No detectible gaseous releases occurred during the interval in which the collection devices were inoperable; no Environmental Technical Specification (ETS) limits were exceeded.

APPARENT CAUSE OF OCCURRENCE:

Further investigation of the incident revealed that the collection device pump was not on the list of loads off the No. 2B West Valve and Miscellaneous 230V Vital Control Center, which supplied both pumps. The fact that power would be removed from the pump was therefore not apparent to the operator researching the tagging request.

ANALYSIS OF OCCURRENCE:

Proper operation of the plant vent iodine and particulate collection devices is necessary to meet sampling requirements of the ETS Limiting Condition for Operation 2.3.4e. The requirements provide assurance that radioactive materials released in gaseous waste effluents are properly controlled and monitored in accordance with plant design criteria. Sampling data provides the basis for routine reports and evaluation of radioactive materials released in gaseous effluents.

ANALYSIS OF OCCURRENCE: (cont'd)

Information obtained from daily analysis of data from the Plant Vent Monitor 2R16 substantiated that no detectible release of radioactive material occurred during the period in question. The occurrence therefore involved no adverse impact on the environment.

Section 5.4 of the ETS requires:

If a limiting condition for operation is exceeded, remedial action as permitted by the ETS shall be taken until the condition can be met, an investigation shall be conducted by the SORC, and a report shall be submitted in accordance with ETS Section 5.6.2.

CORRECTIVE ACTION:

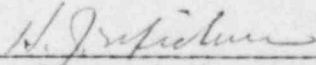
As noted, an alternate power feed to the collection device sample pump was provided. Daily surveillance of the pump will be conducted until the normal power source is restored. Completion of an LER and the SORC review of the document comply with the requirements of ETS Section 5.4. An estimate of the radioactivity released based on similar weekly samples will be made to include in the composite data for the routine effluent report, in compliance with the specification.

The incident will be addressed in a weekly Operations Department directive, to insure that operators are aware that the breaker also feeds the collection device and that the device is necessary for ETS sampling requirements. The Tagging Request and Inquiry System will be revised to print out a note directing notification of the Chemistry Department when the breaker is tagged open. Finally, the problem will be addressed as part of a broader Operations Department effort to provide additional information on panel and breaker loads. This effort is currently in progress; Engineering Department assistance with implementation will be provided as necessary.

FAILURE DATA:

Not Applicable

Prepared By R. Frahm


General Manager -
Salem Operations

SORC Meeting No. 83-042B