



Public Service Electric and Gas Company P.O. Box 168 Hancocks Bridge, New Jersey 08038

Salem Generating Station

September 14, 1981



Mr. R. C. Haynes
Director of USNRC
Office of Inspection and Enforcement
Region 1
631 Park Avenue
King of Prussia, Pennsylvania 19406

Dear Mr. Haynes:

LICENSE NO. DPR-75
DOCKET NO. 50-311
REPORTABLE OCCURRENCE 81-85/01T

Pursuant to the requirements of Salem Generating Station Unit No. 2, Facility Operating License DPR-75, we are submitting Licensee Event Report for Reportable Occurrence 81-85/01T. This report is required within fourteen (14) days of the occurrence.

Sincerely yours,

H. J. Midura
Manager - Salem Generating Station

CC: R. A. Uderitz
General Manager - Nuclear Production
Director, Office of Inspection
and Enforcement (40 copies)
Director, Office of Management
Information and Program Control
(3 copies)

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Report Number: 81-85/01T
Report Date: 7-14-81
Occurrence Date: 9-1-81
Facility: Salem Generating Station, Unit 2
Public Service Electric & Gas Company
Hancocks Bridge, New Jersey 08038

IDENTIFICATION OF OCCURRENCE:

Noncompliance With Facility Operating License DPR-75
This report was initiated by Incident Report 81-354.

CONDITIONS PRIOR TO OCCURRENCE:

Mode 1 - Rx Power 90% - Unit Load 980 MWe

DESCRIPTION OF OCCURRENCE:

As a result of the NRC's review of our "Cable Interaction Study", Conduit 2BDD-B(5") was identified as requiring fire wrap protection. This item was listed in the NRC's report, tendered May 11, 1981, as table 2, item 4, category 4, criterion 14b, paragraph (a).

The detailed wrapping was added to DCR 2EC-1145, revision 15 on July 16, 1981, by the Site Engineer. The revised document package was forwarded to the Station Planning Engineer the same day via transmittal 359E.

Subsequently, the design information was incorporated into Catalytic work package OP-933.256-2201-3. The package included wrapping the conduit in question at three different locations. The diesel fuel oil storage tank room location was inadvertently overlooked.

This occurrence constituted operation in violation of Facility Operating License DPR-75.

DESIGNATION OF APPARENT CAUSE OF OCCURRENCE:

The cause of the noncompliance was that one (out of the three conduit locations designated to be wrapped was) inadvertently overlooked, and presumed completed.

ANALYSIS OF OCCURRENCE:

Without the required wrapping, a fire in the diesel fuel oil storage tank room could have resulted in the loss of ability to provide electrical power from two of the diesel generators if the redundant Automatic Suppression Systems failed to operate.

CORRECTIVE ACTION:

A fire watch was immediately established. At 2100 hours, September 1, 1981, the wrapping of Conduit 2BDD-B(5") in the diesel fuel oil storage tank room, elevation 84', was completed and signed off to work package specifications. Subsequently, a complete review of the cable wrapping design change package and other fire protection requirements of the Facility Operating License was conducted, and all required to date license commitments have been met.

FAILURE DATA:

Not Applicable

Prepared By F. Dickey

SORC Meeting No. 81-90

H.J. Midura
Manager - Salem Generating Station