

LICENSEE EVENT REPORT (LER)

| | | |
|-----------------------------------|-------------------------------|----------------|
| FACILITY NAME (1) | DOCKET NUMBER (2) | PAGE (3) |
| Salem Generating Station - Unit 2 | 0 5 0 0 0 3 1 1 | 1 OF 0 3 |

TITLE (4) 2B Diesel Generator Test Failure Due to Fuel Oil Leak

| EVENT DATE (5) | | | LER NUMBER (6) | | | | REPORT DATE (7) | | | OTHER FACILITIES INVOLVED (8) | | | | | | | | | | | | | | | |
|----------------|-----|------|----------------|----------------------|--------------------|-------|-----------------|------|----------------|-------------------------------|---|---|---|------------------|---|---|---|---|---|---|-----------|--|--|--|--|
| MONTH | DAY | YEAR | YEAR | SEQUENTIAL NUMBER | REVISION NUMBER | MONTH | DAY | YEAR | FACILITY NAMES | | | | | DOCKET NUMBER(S) | | | | | | | | | | | |
| 0 | 7 | 1 | 1 | 8 | 5 | 8 | 5 | - | 0 | 1 | 4 | - | 0 | 0 | 0 | 8 | 0 | 9 | 8 | 5 | 0 5 0 0 0 | | | | |

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|--------------------|------------------|-------------------|---|----------------------|--|--|--|
| OPERATING MODE (9) | | 1 | THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §. (Check one or more of the following): (11) | | | | |
| POWER LEVEL (10) | 100 | 20.402(b) | 20.406(c) | 60.73(a)(2)(iv) | 73.71(b) | | |
| | | 20.406(a)(1)(i) | 60.36(c)(1) | 60.73(a)(2)(v) | 73.71(c) | | |
| | | 20.406(a)(1)(ii) | 60.36(c)(2) | 60.73(a)(2)(vii) | X OTHER (Specify in Abstract below and in Text, NRC Form 365A) | | |
| | | 20.406(a)(1)(iii) | 60.73(a)(2)(i) | 60.73(a)(2)(viii)(A) | | | |
| | | 20.406(a)(1)(iv) | 60.73(a)(2)(ii) | 60.73(a)(2)(viii)(B) | | | |
| 20.406(a)(1)(v) | 60.73(a)(2)(iii) | 60.73(a)(2)(ix) | Surveillance Requirement | | | | |

| LICENSEE CONTACT FOR THIS LER (12) | | |
|--|------------------|-----------------|
| NAME | TELEPHONE NUMBER | |
| | AREA CODE | |
| J. L. Rupp-Operations Licensing Engineer | 6 0 9 | 3 3 9 7 4 3 0 9 |

| COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13) | | | | | | | | | | | |
|--|--------|-----------|-----------------|------------------------|--|-------|--------|-----------|-----------------|------------------------|--|
| CAUSE | SYSTEM | COMPONENT | MANUF. TURER | REPORTABLE TO NPRDS | | CAUSE | SYSTEM | COMPONENT | MANUF. TURER | REPORTABLE TO NPRDS | |
| X | D C | I N V | A 1 5 2 | N | | | | | | | |
| | | | | | | | | | | | |

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|--|--|-------------------------------------|-------|-----|------|
| SUPPLEMENTAL REPORT EXPECTED (14) | | EXPECTED SUBMISSION DATE (15) | MONTH | DAY | YEAR |
| <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) | <input checked="" type="checkbox"/> NO | | | | |

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

On July 11, 1985, testing was in progress on 2B Diesel Generator in accordance with Technical Specification Surveillance Requirement 4.8.1.1.2. Operability of the diesel was being verified following the completion of routine maintenance activities. The diesel was successfully started and loaded; however, sixteen minutes into the required sixty minute run, a fuel oil leak developed on number 3L cylinder. The test was terminated and a diesel shutdown was initiated at that time. Investigation revealed that the fuel oil leak was caused by a slightly loose fitting on number 3L cylinder fuel injector. The fitting was tightened, a satisfactory diesel surveillance was performed, and 2B Diesel Generator was restored to an operable status. This was classified as a valid test failure in accordance with Regulatory Guide 1.108, Regulatory Position C.2.e.(6). This marked the first diesel generator test failure in the last one-hundred valid tests. As a result, the testing frequency was maintained at an interval of thirty-one days in accordance with Regulatory Position C.2.d.(1). This report is being submitted for informational purposes, in accordance with Technical Specification Surveillance Requirement 4.8.1.1.4.

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S PDR



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

Salem Generating Station

August 9, 1985

U. S. Nuclear Regulatory Commission
Document Control Desk
Washington, DC 20555

Dear Sir:

SALEM GENERATING STATION
LICENSE NO. DPR-75
DOCKET NO. 50-311
UNIT NO. 2
LICENSEE EVENT REPORT 85-014-00

This Licensee Event Report is being submitted pursuant to the requirements of Technical Specification Surveillance Requirement 4.8.1.1.4. This report is required within thirty days of discovery.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "J. M. Zupko, Jr.", is written above the typed name.

J. M. Zupko, Jr.
General Manager-
Salem Operations

JLR:tcs

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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PLANT AND SYSTEM IDENTIFICATION:

Westinghouse - Pressurized Water Reactor

Energy Industry Identification System (EIIS) codes are identified in the text as [XX].

IDENTIFICATION OF OCCURRENCE:

2B Diesel Generator Test Failure

Event Date: 07/11/85

Report Date: 08/09/85

This report was initiated by Incident Report No. 85-164

CONDITIONS PRIOR TO OCCURRENCE:

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

This report describes a test failure involving 2B Diesel Generator [EK] occurring on July 11, 1985. This report is submitted for informational purposes in accordance with Technical Specification Surveillance Requirement 4.8.1.1.4, and contains the information required by Regulatory Guide 1.108, Revision 1, August 1977, Regulatory Position C.3.b.

Surveillance Requirement 4.8.1.1.4 states:

All diesel generator failures, valid or non-valid, shall be reported to the Commission pursuant to Specification 6.9.1.

DESCRIPTION OF OCCURRENCE:

At 0549 hours, July 10, 1985, Technical Specification Action Statement 3.8.1.1.a (Action a) was entered in preparation for routine maintenance activities associated with 2B Diesel Generator. In accordance with the action requirements, 2A and 2C Diesel Generators were tested and verified to be operational prior to removing 2B Diesel Generator from service.

On July 11, 1985, testing was in progress on 2B Diesel Generator in accordance with Technical Specification Surveillance Requirement 4.8.1.1.2 to verify operability following completion of the maintenance activities. At 0018 hours, the diesel was successfully started and loaded. At 0034 hours, sixteen (16) minutes into the required sixty (60) minute run, a fuel oil leak developed on number 3L cylinder. The test was terminated and a diesel shutdown was initiated at that time.

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APPARENT CAUSE OF OCCURRENCE:

Investigation revealed the fuel oil leak to be caused by a slightly loose fitting on number 3L cylinder fuel injector [DC].

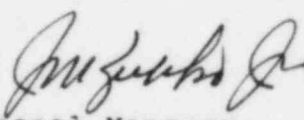
ANALYSIS OF OCCURRENCE:

The fuel oil leak on number 3L cylinder was stopped, and a satisfactory surveillance was performed on 2B Diesel Generator. In accordance with Technical Specification 3.8.1.1, the redundant diesel generators were tested and verified operational, and 2B Diesel Generator was returned to an operable status within the time specified by the action requirements. This occurrence involved no undue risk to the health or safety of the public.

This was classified as a valid test failure in accordance with Regulatory Guide 1.108, Regulatory Position C.2.e.(6). This marked the first diesel generator test failure in the last one-hundred (100) valid tests. As a result, the testing frequency was maintained at an interval of thirty-one (31) days in accordance with Regulatory Position C.2.d.(1). This report is being submitted for informational purposes, in accordance with Technical Specification Surveillance Requirement 4.8.1.1.4.

CORRECTIVE ACTION:

The fitting on number 3L cylinder was tightened. As previously stated, a satisfactory diesel surveillance was performed, and 2B Diesel Generator was declared operational. Technical Specification Action Statement 3.8.1.1.a (Action a) was terminated at 0535 hours, July 11, 1985. No further corrective action was deemed necessary.


General Manager-
Salem Operations

JLR:tns

SORC Mtg 85-112