

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Salem Generating Station - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 1 1										PAGE 13 1 OF 0 3																		
TITLE (4) 2B Diesel Generator Test Failure																																						
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 5 0 0 0					
0 2			1 4			8 4			8 4			0 0 4			0 0 0			3 1 5			8 4									0 5 0 0 0								
OPERATING MODE (9) 5						THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																																
POWER LEVEL (10) 0 0 0						20.402(b)						20.408(e)						50.73(a)(2)(iv)						73.71(b)														
						20.408(a)(1)(i)						50.36(a)(1)						50.73(a)(2)(v)						73.71(e)														
						20.408(a)(1)(ii)						50.36(a)(2)						50.73(a)(2)(vi)						X OTHER (Specify in Abstract below and in Text, NRC Form 366A)														
						20.408(a)(1)(iii)						50.73(a)(2)(i)						50.73(a)(2)(viii)(A)						Surveillance Requirement														
						20.408(a)(1)(iv)						50.73(a)(2)(ii)						50.73(a)(2)(viii)(B)																				
20.408(a)(1)(v)						50.73(a)(2)(iii)						50.73(a)(2)(ix)																										
LICENSEE CONTACT FOR THIS LER (12)																																						
NAME J. L. Rupp														TELEPHONE NUMBER AREA CODE 6 0 9 3 3 9 - 4 3 0 9																								
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																						
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC		CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC																												
SUPPLEMENTAL REPORT EXPECTED (14)														EXPECTED SUBMISSION DATE (15)				MONTH	DAY	YEAR																		
YES (If yes, complete EXPECTED SUBMISSION DATE)														X NO																								

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

On February 12, 1984, during a maintenance shutdown, the fuel oil supply valves for 2B Diesel Generator were shut when a fuel oil leak developed on one cylinder. The diesel was tagged to prevent operation while the leak was repaired; but due to oversight, the fuel oil valves were not added to the tagging request. Upon completion of repairs, the diesel was run for approximately five minutes. The test run was satisfactory, and the diesel was returned to service. On February 14, while attempting to perform routine surveillance, 2B Diesel failed to start due to the fuel oil valves being closed. The valves were opened, and the surveillance was successfully performed. Apparently, there was enough fuel in the supply header to test run the diesel (to satisfy the post maintenance testing requirements, two days earlier). As required by the Technical Specifications, two diesel generators were operable throughout the occurrence. This event involved no undue risk to the health or safety of the public. Unit 2 Technical Specifications require all diesel test failures, valid or non-valid to be reported to the Commission. Operations personnel were directed to ensure that all valves out of the normal position be tagged or entered in TRIS. In addition, the procedure will be changed to require the diesels to be run for a minimum of fifteen minutes following maintenance.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

Salem Generating Station Unit 2	DOCKET NUMBER 05000311	LER NUMBER 84-004-00	PAGE 2 OF 3
------------------------------------	---------------------------	-------------------------	----------------

PLANT AND SYSTEM IDENTIFICATION:

Westinghouse - Pressurized Water Reactor

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

IDENTIFICATION OF OCCURRENCE:

Electrical Power Systems - 2B Diesel Generator - Test Failure

Event Date: 02/14/84

Report Date: 03/15/84

This report was initiated by Incident Report No. 84-036

CONDITIONS PRIOR TO OCCURRENCE:

Mode 5 - Rx Power 000 % - Unit Load 0000 MWe

This report describes a non-valid test failure involving 2B Diesel Generator occurring on February 14, 1984. 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 0513 hours, on February 14, 1984, while attempting a routine test run on 2B Diesel Generator [EK], the diesel failed to start. Investigation revealed that the diesel fuel oil [DC] valves, 2DF64 and 2DF65, were closed. The valves were opened, and a successful test run was performed.

APPARENT CAUSE OF OCCURRENCE:

It was discovered that the valves were closed on February 12, 1984, when 2B Diesel experienced a fuel oil leak on No. 8L cylinder. The diesel lockout device was tagged, at that time, to prevent operation of the diesel while the fuel oil leak was repaired. The shift logs reflected the fact that the fuel oil valves had been closed; but due to oversight, the valves were not added to the tagging request. At the completion of the repairs, the tags were removed from the diesel lockout device, and the diesel was run for approximately five (5)

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

Salem Generating Station Unit 2	DOCKET NUMBER 05000311	LER NUMBER 84-004-00	PAGE 3 OF 3
---	----------------------------------	--------------------------------	-----------------------

APPARENT CAUSE OF OCCURRENCE: (cont'd)

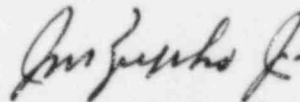
minutes, in accordance with procedure OD-10 (Removal and Return of Safety Related Equipment to an Operable Status). The test run was satisfactory, and 2B Diesel was declared operable at that time. Apparently, there was enough fuel oil in the header to test run the diesel long enough to satisfy the requirements of OD-10. When an attempt was made on February 14 (two days later) to perform the routine test run, the diesel failed to start, due to the lack of fuel.

ANALYSIS OF OCCURRENCE:

As required by the Technical Specifications, during plant shutdown operations, mode 5, two diesel generator units were maintained in an operable status at all times. This was classified as a non-valid test failure in accordance with Regulatory Guide 1.108, Regulatory Position C.2.e.(2). The testing frequency for the diesel generators is being maintained at three (3) days, in accordance with Regulatory Position C.2.d.(4). This occurrence involved no undue risk to the health or safety of the public. As previously stated, this report is being submitted for informational purposes, in accordance with Technical Specification Surveillance Requirement 4.8.1.1.4.

CORRECTIVE ACTION:

An Operations Department news letter item, dated February 23 to February 27, explained the incident and directed personnel that all valves out of the normal position be tagged or entered in TRIS, to ensure that they are returned to their normal position at the completion of the activity. In addition, a standing order was issued directing that the diesels are to be run for a minimum of fifteen minutes, when they are run to satisfy the requirements of OD-10. This standing order will remain in effect until OD-10 is changed to reflect this action. This will ensure that all diesel systems are functioning properly, and preclude the possibility of running the diesel with an isolated fuel system.



General Manager-
Salem Operations

JLR:tns

SORC Mtg 84-030



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

Salem Generating Station

March 15, 1984

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 84-004-00

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 (30) days of discovery.

Sincerely yours,

A handwritten signature in cursive script, appearing to read "J. M. Zupke, Jr.", is written above the typed name.

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

JR:klljbj

CC: Distribution

IE22
1/1