

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)	DOCKET NUMBER (2)	PAGE (3)
Pilgrim Nuclear Power Station - Unit 1	0 5 0 0 0 2 9 1 3	1 OF 0 2

TITLE (4)
Missed Surveillance - Diesel Fire Pump

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 3	1 9	8 4	8 4	0 0 3	0 0 0 4	1 9	8 4				0 5 0 0 0

OPERATING MODE (9)	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5: (Check one or more of the following) (11)									
	20.402(b)			20.405(c)			50.73(a)(2)(iv)			73.71(b)
	20.405(a)(1)(i)			50.36(c)(1)			50.73(a)(2)(v)			73.71(c)
	20.405(a)(1)(ii)			50.36(c)(2)			50.73(a)(2)(vii)			OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.405(a)(1)(iii)			50.73(a)(2)(ii)			50.73(a)(2)(viii)(A)			
20.405(a)(1)(iv)			50.73(a)(2)(iii)			50.73(a)(2)(viii)(B)				
20.405(a)(1)(v)			50.73(a)(2)(ix)			50.73(a)(2)(ix)				

LICENSEE CONTACT FOR THIS LER (12)									
NAME								TELEPHONE NUMBER	
Paul J. Hamilton - Plant Engineer								AREA CODE	
								6 1 7	7 4 6 - 7 9 0 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)											
CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS		CAUSE	SYSTEM	COMPONENT	MANUFAC- TURER	REPORTABLE TO NPRDS	
A	Z	Z	Z	Z	N						

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 3/19/84, during a refueling outage, it was discovered during a review of exception reports, that the once/cycle diesel generator fire pump surveillance test had not been performed within the interval required by Pilgrim Nuclear Power Station (PNPS) Technical Specification (T.S.).

The diesel fire pump was immediately declared inoperable, and the surveillance test was completed on 3/27/84. Redundant fire protection equipment was operable.

Cause of the missed surveillance was due to incorrect information in the surveillance tracking program data base. The data base was revised and reviewed to ensure that surveillance intervals are correct. Two other interval discrepancies were found and corrected.

Root cause was determined to be personnel error which occurred when surveillance interval was changed in violation of a Station procedure.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1) Pilgrim Nuclear Power Station - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 2 9 3 8 4 -	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		0 0 3	0 0 3	0 0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 366A's) (17)

On 3/19/84, during a refueling outage, it was discovered that the once/cycle diesel generator fire pump surveillance test had not been performed within the interval specified by PNPS T.S. 4.12.B.2.c. The due date for the test was 2/8/84 including the +25% allowed variance.

The diesel fire pump was immediately declared inoperable, and the required test was successfully completed on 3/27/84. The redundant electric fire pump was operable during this event.

The cause of the missed test was due to an incorrect interval in the PNPS surveillance tracking program which is an extension of PNPS Procedure 1.8. The test interval was incorrectly listed as "once/cycle refuel" which would have allowed the test to be performed any time during the current refueling outage. T.S. 4.12.B.2.c requires that the test be performed "once per operating cycle" which is defined by T.S. as "18 months," regardless of plant status.

Research showed that the interval had been changed from once/cycle to once/cycle refuel on 9/14/83. This change was made in violation of Procedure 1.8 which requires that all interval changes be reviewed by the Operations Review Committee (ORC). The result was an incorrect interval in the surveillance tracking program data base.

Root cause of the event was a result of an isolated non-licensed utility personnel error which occurred when Procedure 1.8 was violated.

To reduce the probability of a similar event, the surveillance tracking program was revised to reflect the correct interval for the diesel fire pump test. In addition, other fire protection "once/cycle refuel" test intervals were reviewed to ensure that scheduled intervals are correct. Two other interval discrepancies were found and corrected; however, the interval was not exceeded in either case.

Also, personnel were counselled on the importance of adherence to Procedure 1.8 when changing frequency intervals.

This event did not impact the health and safety of the public.

A search of LER records identifies two previous occurrences (Ref.: LER's 83-057 and 82-016), where a surveillance test was missed as a result of an incorrect entry in the surveillance tracking program data base.

BOSTON EDISON COMPANY
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WILLIAM D. HARRINGTON
SENIOR VICE PRESIDENT
NUCLEAR

April 19, 1984
BECo Ltr. #84-58

Dr. Thomas E. Murley
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Docket No. 50-293
License DPR-35

Dear Sir:

The attached Licensee Event Report 84-003-00, "Missed Surveillance-Diesel Fire Pump," is hereby submitted in accordance with the requirements of 10CFR50.73.

If there are any questions on this subject, please do not hesitate to contact me.

Respectfully submitted,



W. D. Harrington

PH:caw

Enclosure: LER 84-003-00

cc: Document Control Desk
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

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