

LICENSEE EVENT REPORT (LER)

APPROVED OMS NO. 2160-010N
EXPIRES - 8/31/85

FACILITY NAME (1)

Limerick Generating Station - Unit 1

DOCKET NUMBER (1)

05000352

PAGE (1)

1 OF 013

TITLE (4)

Failure to Check D-14 Diesel Generator Day Tank for Water

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 NAME	DOCKET NUMBER (2)
06	11	85	85	058	00	07	11	85		05000352

OPERATING MODE (9)

THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)

POWER LEVEL (10)	20.402(a)	20.406(a)	20.73(a)(2)(i)	73.71(a)
01010	20.406(a)(1)(i)	20.36(a)(1)	20.73(a)(2)(v)	73.71(a)
	20.406(a)(1)(ii)	20.36(a)(2)	20.73(a)(2)(vi)	OTHER (Specify in Abstract below and in Title, NRC Form 204A)
	20.406(a)(1)(iii)	20.73(a)(2)(ii)	20.73(a)(2)(vii)	
	20.406(a)(1)(iv)	20.73(a)(2)(iii)	20.73(a)(2)(viii)	
	20.406(a)(1)(v)	20.73(a)(2)(iv)	20.73(a)(2)(ix)	

LICENSEE CONTACT FOR THIS LER (12)

NAME	TELEPHONE NUMBER
Senior John C. Nagle, Engineer - Special Projects	AREA CODE 215841-5184

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
				N					

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If you complete EXPECTED SUBMISSION DATE)	NO	EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input checked="" type="checkbox"/>	<input type="checkbox"/>				

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

Abstract: 85-058

On June 11, 1985 the Surveillance Test Coordinator discovered that on four occasions, February 24; April 8; May 16 and May 19, 1985, the D-14 Diesel Generator was operated for more than one hour without checking for accumulated water in the Day Tank as required by Technical Specification paragraph 4.8.1.1.2.b.1. This oversight by utility-licensed personnel is contrary to an approved operating procedure. The results of completed monthly surveillance tests of the D-14 Diesel Generator indicate that there were no adverse consequences as a result of these events.

Operations personnel have been counseled concerning this requirement. As additional corrective action, the D-14 Diesel Generator shutdown procedure has been revised to require the performance of surveillance test ST-6-092-614-1, "D-14 Diesel Generator Day Tank Check For water, " after more than one hour of operation. The "D-14 Diesel Generator Fuel Oil Transfer Pump, Valve, and Flow Test" will be revised, as well, to include a statement pointing out this requirement.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OME NO. 3190-0104
EXPIRES 8/31/86

FACILITY NAME (1) Limerick Generating Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 5 2 8 5 - 0 5 8 - 0 0	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	0 5 8	0 0	0 2	OF	0 3

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

Description of the Event:

On June 11, 1985 (with Unit 1 in cold shutdown) a review of completed surveillance tests and operation's logs by the Surveillance Test Coordinator revealed that the D-14 Diesel Generator had been operated on four occasions for more than one hour without checking for accumulated water in the Day Tank as required by Technical Specification paragraph 4.8.1.1.2.b.1. On February 24 and April 8, 1985 the unit was in the startup mode and on May 16 and May 19, 1985 the unit was in cold shutdown when the events occurred.

On February 24; April 8 and May 19, 1985 the D-14 Diesel Generator was operated to support surveillance test ST-6-020-234-1 which tests the Fuel Oil Transfer System between the Oil Storage Tank and the Day Tank. The diesel was operated to create space in the Day Tank to permit operating the transfer pump. ST-6-020-234-1 is intended to be performed concurrently with monthly surveillance test ST-6-092-314-1, "Operability Test Run of the D-14 Diesel Generator," which includes checking the Day Tank for water. On these dates, scheduling did not permit performing them concurrently and, contrary to operating procedure S92.2.N, "Shutdown of the Diesel Generators," the Day Tank was not checked for accumulated water.

On May 16, 1985 the D-14 Diesel Generator was operated to support an investigation of a suspected Day Tank level switch problem. Similarly, personnel failed to perform the check for water in accordance with S92.2.N.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO 3150-0104

EXPIRES 8/31/85

FACILITY NAME (1) Limerick Generating Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 5 2	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 5	- 0 5 8	- 0 0	0 3	OF	3 1

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

Consequences of the Event:

There were no adverse consequences as a result of these events. The satisfactory completion of monthly operability test runs (ST-6-092-314-1) performed on 3/12; 3/20; 4/6; 5/7 and 6/7, 1985 without detecting any water, provides assurance that there was no accumulated water left undetected in the Day Tank due to these incidents. Had accumulated water been left undetected it could have interfered with a startup of the D-14 Diesel Generator.

Cause of the Event:

According to Administrative Procedure A-7, Section 5.2.1, operations which are not complex do not generally require the step-by-step reading and following of an associated operating procedure. A surveillance test which requires a simple operation should not be written under the assumption that the associated operating procedure would be followed in such a manner. Therefore, ST-6-020-234-1 should have contained a statement regarding this Technical Specification requirement, even though it is intended to be run concurrently with ST-6-092-314-1 which does include checking the Day Tank for water. This condition contributed to three of these oversights by utility-licensed personnel. The fourth can be attributed to personnel not fully adhering to the operating procedure.

Corrective Actions:

Operations personnel have been counseled regarding this Technical Specification surveillance requirement. To evoke more attention to this step, S92.2.N has been revised to require the performance of ST-6-092-614-1, "D-14 Diesel Generator Day Tank Check For Water", after more than one hour of operation, rather than simply require the check. This will ensure documentation of the completed requirement as well. Also, ST-6-020-234-1, "D-14 Diesel Generator Fuel Oil Transfer Pump, Valve, and Flow Test," will be revised by July 19, 1985 to include a statement identifying this requirement and referencing ST-6-092-614-1. These corrective actions should prevent recurrence.

Previous Occurrences:

None.

PHILADELPHIA ELECTRIC COMPANY

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July 11, 1985

Docket No. 50-352

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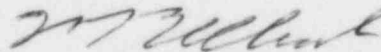
SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER deals with the failure to check the D-14 Diesel Generator Day Tank for water in accordance with Technical Specifications paragraph 4.8.1.1.2.b.1 on four separate occasions.

Reference:	Docket No. 50-352
Report Number:	85-058
Revision Number:	00
Discovery Date:	June 11, 1985
Report Date:	July 11, 1985
Facility:	Limerick Generating Station P.O. Box A, Sanatoga, PA 19464

This LER is submitted pursuant to the requirements of 10 CFR 50.73(a)(2)(i).

Very truly yours,



W. T. Ullrich
Superintendent
Nuclear Generation Division

cc: Dr. Thomas E. Murley, Administrator, Region I, USNRC
E. M. Kelly, Resident Site Inspector
See Service List

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