

LICENSEE EVENT REPORT (LER)

APPROVED OWS NO. 3140-0104
EXPIRES - 8/31/85

FACILITY NAME (1)										DOCKET NUMBER (2)										PAGE (3)																													
Limerick Generating Station - Unit 1										0 5 0 0 0 3 5 2 1										OF 0 2																													
TITLE (4)																																																	
Main Control Room Ventilation System Isolation																																																	
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(S)										DOCKET NUMBER(S)										
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OPERATING MODE (9)										THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)																																							
5																																																	
POWER LEVEL (10)										20.402 (a)										20.408 (a)										60.73 (a) (2) (i) (a)										73.71 (a)									
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										20.406 (a) (1) (i) (a)										60.34 (a) (2) (i) (a)										60.73 (a) (2) (i) (a)										OTHER (Specify in Abstract below and in Text, NRC Form 306A)									
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LICENSEE CONTACT FOR THIS LER (12)																																																	
NAME																				TELEPHONE NUMBER																													
B. L. Clark, Senior Engineer-Special Projects																				2 1 5 8 4 4 - 5 0 1 4 7																													
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)																				NO																													

ABSTRACT (Limit to 1000 words, i.e., approximately fifteen single-spaced typewritten lines) (16)

Abstract: 84-020

On November 23, 1984, the main control room ventilation system received an isolation signal as a result of a temporary loss of power to the 'D' chlorine analyzer. The isolation was caused by an inadvertent trip of the D14 emergency bus. The isolation was reset and control room ventilation was returned to normal.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1)	DOCKET NUMBER (2)	LER NUMBER (8)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		05	003	52	84	--	020-010012 OF 02

TEXT (If more space is required, use additional NRC Form 368A (17))

Description of the Event:

On November 23, 1984, at 10:35 a.m., prior to initial criticality, the main control room ventilation system received an isolation signal from the 'D' channel chlorine analyzer. The 'D' chlorine analyzer is fed from D14 emergency bus. An inadvertent trip of the D14 bus 'A' phase differential relay caused the D14 bus to de-energize. Loss of power to the 'D' chlorine analyzer isolates a portion of the main control room ventilation system. As a result, control room ventilation valves HV-78-21B, HV-78-52B, HV-78-57B, and HV-78-71B moved to the closed position. Upon restoration of D14 bus power, the 'B' emergency control room fresh air fan automatically started. This occurred because the 'B' emergency fresh air fan receives a start signal from the 'D' chlorine analyzer and is fed from D14 bus. The isolation was reset and normal control room ventilation was restored.

Consequences of the Event:

The 'D' channel chlorine analyzer operated properly during the power transient by isolating the control room ventilation system as designed. Therefore, there were no adverse consequences.

Cause of the Event:

Maintenance personnel were working on a door stop inside breaker cubicle number 6 of bus D14. The D14 bus 'A' phase differential relay is mounted on the door of this cubicle. While work was being performed on the door stop the 'A' phase differential relay was bumped causing the relay to trip and isolate the bus.

Corrective Actions:

- The maintenance worker involved in repairing the door stop was counseled as to the importance of practicing safe and careful work habits.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

December 21, 1984

Docket No. 50-352

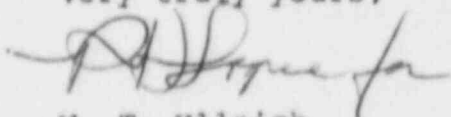
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Washington, DC 20555

SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER deals with the automatic isolation of the main control room ventilation system. This event occurred prior to initial criticality.

Reference:	Docket No. 352
Report Number:	84-020
Revision Number:	00
Event Date:	November 23, 1984
Report Date:	December 21, 1984
Facility:	Limerick Generating Station P.O. Box A, Sanatoga, PA 19464

Very truly yours,



W. T. Ullrich
Superintendent
Nuclear Generation Division

cc: Dr. Thomas E. Murley, Administrator, Region I, USNRC
J. T. Wiggins, Senior Site Inspector
See Service List

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1/1

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