

LICENSEE EVENT REPORT (LER)

APPROVED OMB NO. 3160-0104
EXPIRES - 8/31/93

FACILITY NAME (1) **Limerick Generating Station - Unit 1** DOCKET NUMBER (2) **0 5 0 0 0 3 5 2 1** PAGE (3) **0 1**

TITLE (4) **RHR Remote Shutdown Panel Transfer Switch Malfunction**

EVENT DATE (8)			LER NUMBER (6)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (9)													
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME		DOCKET NUMBER (5)											
11	2	08	4	8	4	0	1	3	0	1	2	1	9	8	4	0	5	0	0	0	1	1

OPERATING MODE (9) **5**

POWER LEVEL (10) **0, 0, 0**

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

<input type="checkbox"/> 20.402(a)	<input type="checkbox"/> 20.406(e)	<input type="checkbox"/> 60.73(a)(2)(i)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.406(a)(1)(ii)	<input type="checkbox"/> 60.34(a)(1)	<input checked="" type="checkbox"/> 60.73(a)(2)(ii)	<input type="checkbox"/> 73.71(a)
<input type="checkbox"/> 20.406(a)(1)(iii)	<input type="checkbox"/> 60.34(a)(2)	<input type="checkbox"/> 60.73(a)(2)(iii)	<input type="checkbox"/> OTHER (Specify in Abstract below and in Text, NRC Form 366A)
<input type="checkbox"/> 20.406(a)(1)(iv)	<input type="checkbox"/> 60.73(a)(2)(iv)	<input type="checkbox"/> 60.73(a)(2)(iv)(A)	
<input type="checkbox"/> 20.406(a)(1)(v)	<input type="checkbox"/> 60.73(a)(2)(v)	<input type="checkbox"/> 60.73(a)(2)(v)(i)	
<input type="checkbox"/> 20.406(a)(1)(vi)	<input type="checkbox"/> 60.73(a)(2)(vi)	<input type="checkbox"/> 60.73(a)(2)(vi)	

LICENSEE CONTACT FOR THIS LER (12)

NAME **B. L. Clark, Senior Engineer-Special Projects** TELEPHONE NUMBER **2 1 5 8 4 4 - 5 0 4 7**

AREA CODE **2 1 5**

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)

CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NRC	CAUSE	SYSTEM	COMPONENT	MANUFAC TURE	REPORTABLE TO NRC
B	B	O	H, S	G Q6, 6	N				

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If yes, complete EXPECTED SUBMISSION DATE) NO

EXPECTED SUBMISSION DATE (15)

MONTH	DAY	YEAR

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

Abstract: 84-13

During surveillance testing of the Residual Heat Removal (RHR) system in preparation for initial criticality, the outboard isolation valve for the shutdown cooling line failed to respond to an OPEN signal from the remote shutdown panel. The closing function of the valve remained operable. Investigation determined that mechanical interference caused by the crimping strap on an electrical lead was preventing a contact on the transfer switch on the remote shutdown panel from closing. The interference problem was corrected and the valve successfully retested from the remote shutdown panel.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Limerick Generating Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 5 2	LER NUMBER (8)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		84	-	-	0	0

TEXT (if more space is required, use additional NRC Form 3644 (1))

Description of the Event:

While performing surveillance test to assure the operability of the RHR system, valve HV-51-1F008 which is the shutdown cooling line outboard isolation valve failed to respond to an open signal from the remote shutdown panel. The failure of this valve to open makes the shutdown cooling mode of RHR unavailable from the remote shutdown panel.

Consequences of the Event:

The testing being performed is preparatory to initial criticality (no residual heat is present), operability of the isolation system was not compromised, and the system remained fully operable from the control room, therefore, consequences of this event are minimal.

Cause of the Event:

Investigation into the occurrence revealed that a crimping strap on an electrical lead was interfering with a contact on the NORMAL/REMOTE transfer switch HSS-51-198 preventing a contact from closing. The purpose of the transfer switch is to transfer the control of selected valves and equipment to the remote shutdown panel, in the event that control from the main control room is not possible.

Corrective Actions:

The lead in question was repositioned to eliminate the interference and the operability of the valve was verified.

Actions Taken to Prevent Recurrence

Completion of surveillance testing will assure that the balance of the transfer switches are functioning properly.

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

December 19, 1984

Docket No. 50-352

Document Control Desk
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Washington, DC 20555

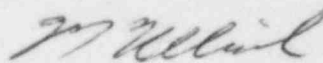
SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER deals with the inoperability of the RHR system in the shutdown cooling mode when operating from the remote shutdown panel. This event took place prior to initial criticality.

Reference: Docket No. 50-352
Report Number: 84-13
Revision Number: 00
Event Date: November 20, 1984
Report Date: December 19, 1984
Facility: Limerick Generating Station
P.O. Box A, Sanatoga, PA 19464

This LER is submitted pursuant of 10CFR50.73 (a)(2)(v).

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

IE22
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