

## LICENSEE EVENT REPORT (LER)

APPROVED: 10.3160-0104  
EXPIRES: 10/1/85

FACILITY NAME (1)

Limerick Generating Station - Unit 1

DOCKET NUMBER (2)

0 5 0 0 0 3 5 2 1 OF 0 2

PAGE (3)

TITLE (4)

Reactor Water Cleanup System Valve Isolation

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 NAMES		DOCKET NUMBER(S)									
1	11	5	8	4	0	2	1	0	1	2	14	8	4	0	5	0	0	0	0	0
OPERATING MODE (5)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																	
POWER LEVEL (10)			OTHER (Specify in Abstract below and in Text, NRC Form 365A)																	

LICENSEE CONTACT FOR THIS LER (12)

NAME

B. L. Clark, Senior Engineer-Special Projects

TELEPHONE NUMBER

AREA CODE

2 1 5 8 4 4 - 5 0 4 7

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

CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS
B	CE	C ON V 1 3 1		Y					Y

SUPPLEMENTAL REPORT EXPECTED (14)

YES (If you complete EXPECTED SUBMISSION DATE)

X NO

EXPECTED SUBMISSION DATE (15)

MONTH DAY YEAR

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

Abstract: 84-021

On November 15, 1984 during surveillance testing of the Nuclear Steam Supply Shutoff System, a fuse supplying power to the inboard isolation logic relays blew resulting in isolation of the reactor water cleanup system. The blown fuse was caused by an electrical short in a Visicorder test cable plug. The fuse was replaced and the reactor water cleanup system restored to operable status within two hours.

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## 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 8 4	LER NUMBER (5)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	0 2 1	0 0	0 2	OF	0 2

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

Description of the Event:

On November 15, 1984 at approximately 9:57 p.m. surveillance testing of the Nuclear Steam Supply Shutoff System, a fuse supplying power to the inboard isolation logic relays blew resulting in isolation of the reactor water cleanup system inboard isolation valves.

Consequences of the Event:

The primary containment isolation system functioned as designed as a result of the blown fuse. Isolation of the reactor water cleanup system which purifies the reactor coolant system to minimize corrosion products has no safety significance.

Cause of the Event:

The blown fuse was caused by an electrical short in a Visicorder test cable plug. The fuse blew when the test connection was being applied to contact T4-M4 of relay K14B in the Nuclear Steam Supply Shutoff System logic.

Corrective Actions:

The blown fuse was replaced and the shorted plug on the Visicorder test cable was repaired. The reactor water cleanup system was restored to operable status at 10:20 p.m. on November 15, 1984.

Previous Similar Occurrence

None

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

December 14, 1984

Docket No. 50-352

Document Control Desk  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555

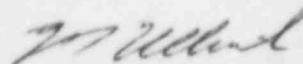
SUBJECT: Licensee Event Report  
Limerick Generating Station - Unit 1

This LER concerns the isolation of reactor water cleanup system outboard suction valve during surveillance testing. This event occurred prior to initial criticality.

Reference:	Docket No. 352
Report Number:	84-021
Revision Number:	00
Event Date:	November 15, 1984
Report Date:	December 14, 1984
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)(iv).

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  
1/1

cc: Judge Helen F. Hoyt  
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Judge Richard F. Cole  
Judge Christine N. Kohl  
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