

NRC Form 200 (9-83)										U.S. NUCLEAR REGULATORY COMMISSION APPROVED OMR NO. 2180-0104 EXPIRES 6/31/95											
LICENSEE EVENT REPORT (LER)																					
FACILITY NAME (1)										DOCKET NUMBER (2)					PAGE (3)						
Limerick Generating Station - Unit 1										0 5 0 0 0 3 5 2					1 OF 2						
TITLE (4)																					
Automatic Isolation of the Reactor Enclosure Ventilation System																					
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												
1	2	20	8	4	8	4	0	2	9	0	0	0	1	1	8	5	DOCKET NUMBER(S)				
0 5 0 0 0 1 1 8 5															0 5 0 0 0 1 1 8 5						
OPERATING MODE (9)		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR 5. (Check one or more of the following) (11)																			
4		20.402(a)				20.406(a)				<input checked="" type="checkbox"/> 60.73(a)(2)(v)				73.71(b)							
POWER LEVEL (10)		0 0 0				20.406(a)(1)(i)				60.34(a)(1)				73.71(a)							
		20.406(a)(1)(ii)				60.34(a)(2)				60.73(a)(2)(v)				OTHER (Specify in Abstract below and in Text, NRC Form 365A)							
		20.406(a)(1)(iii)				60.73(a)(2)(ii)				60.73(a)(2)(v)(A)											
		20.406(a)(1)(iv)				60.73(a)(2)(iii)				60.73(a)(2)(v)(B)											
		20.406(a)(1)(v)				60.73(a)(2)(iv)				60.73(a)(2)(v)											
LICENSEE CONTACT FOR THIS LER (12)																					
NAME										TELEPHONE NUMBER											
John C. Nagle, Engineer - Special Projects										AREA CODE											
										2 1 5 8 4 1 - 5 1 8 4											
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									
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)										<input checked="" type="checkbox"/> NO		1 1 8 5									
ABSTRACT (Limit to 1400 words, i.e., approximately fifteen single-spaced lines, including space) (16)																					
Abstract: 84-029																					
On December 20, 1984, an automatic isolation of the reactor enclosure ventilation system occurred as a result of effects on radiation monitoring systems by unrelated radiographic activities. The isolation occurred during radiographic testing and resulted from radiation detected by a radiation element located in the reactor enclosure ventilation system. The reactor enclosure isolation valves and fans functioned in accordance with design, and the isolation was reset upon completion of the radiographic testing.																					
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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 (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		84	0 2 9	0 0	0 2	OF	0 2

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

Description of the Event:

On December 20, 1984, at approximately 5:21 a.m., work activities of a subcontractor performing radiography to a 3/4-inch butt weld on elevation 283 of Area 16 of the reactor enclosure, caused an isolation of the enclosure. The isolation occurred as a result of radiation being detected by a radiation element located in the reactor enclosure ventilation exhaust. The isolation valves and fans functioned in accordance with the design. The isolation was reset at 5:50 a.m. the same morning.

The control room had previously been notified at 4:30 a.m. the same morning of the radiographic testing to be performed.

At 5:30 a.m. the subcontractors completed their work and notified the control room of completion of their task.

Consequences of the Event:

The reactor enclosure isolation functioned as designed. There were no adverse consequences.

Cause of the Event:

The event was caused by the performance of radiography in the vicinity of the reactor enclosure ventilation exhaust radiation monitors.

Corrective Actions:

A memorandum has been written to each shift so that they are aware that radiography can cause radiation isolations. This event shall be discussed with each shift during the shift meetings.

cc: Judge Helen F. Hoyt
Judge Jerry Harbour
Judge Richard F. Cole
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PHILADELPHIA ELECTRIC COMPANY

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January 18, 1985

Docket No. 50-352

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Washington, DC 20555

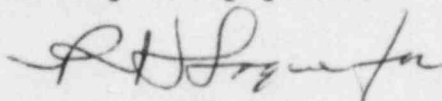
SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER deals with the automatic isolation of the reactor enclosure ventilation system. This event occurred prior to initial criticality.

Reference:	Docket No. 50-352
Report Number:	84-029
Revision Number:	00
Event Date:	December 20, 1984
Report Date:	January 18, 1985
Facility:	Limerick Generating Station P.O. Box A, Sanatoga, PA 19464

This LER is submitted pursuant to the requirements of 10CFR50.73 (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

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