

LICENSEE EVENT REPORT (LER)

APPROVED ONS NO. 2180-0104
EXPIRES 8/31/85

FACILITY NAME (1)

Limerick Generating Station - Unit 1

DOCKET NUMBER (2)

050003521 OF 03

PAGE (3)

TITLE (4)

Primary Containment Instrument Gas Outboard 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	DOCKET NUMBER (8)
05	29	85	85	056	00	06	28	85		050003521

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)	00.731 (a) (1) (u)	73.71 (a)
01010	20.402 (a) (1) (u)	00.36 (a) (1)	00.731 (a) (2) (u)	73.71 (a)
	20.406 (a) (1) (u)	00.36 (a) (2)	00.731 (a) (2) (u)	OTHER (Specify in Abstract below and in Title, NRC Form 200A)
	20.406 (a) (1) (u)	00.731 (a) (2) (u)	00.731 (a) (2) (u) (1A)	
	20.406 (a) (1) (u)	00.731 (a) (2) (u)	00.731 (a) (2) (u) (1B)	
	20.406 (a) (1) (u)	00.731 (a) (2) (u)	00.731 (a) (2) (u)	

LICENSEE CONTACT FOR THIS LER (12)

NAME

Senior

John C. Nagle, Engineer - Special Projects

TELEPHONE NUMBER

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

SUPPLEMENTAL REPORT EXPECTED (14)

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

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

Abstract: 85-056

On May 29, 1985, with Unit 1 in cold shutdown, primary containment instrument gas system (PCIG) isolation valves HV-59-102, HV-59-129B, and HV-59-135 isolated to the closed position. (Nuclear Steam Supply Shutoff System isolation, Group 7A.) The isolated valves were discovered by operators inspecting the control panels after a Reactor Water Cleanup system (RWCU) isolation occurred, which is reported in LER 85-055. The PCIG isolation was reset along with the RWCU isolation. Inspection of the instrument panel associated with the isolation logic of the three PCIG isolation valves determined the cause of the isolation to be two loose connections in the panel. The connections were tightened to prevent further inadvertent isolations. There were no adverse effects as a result of this event.

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S PDR

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED OMB NO. 3150-0104

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	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		85	056	00	02	OF	03

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

Description of the Event:

On May 29, 1985, with Unit 1 in cold shutdown, primary containment instrument gas system (PCIG) outboard isolation valves HV-59-102, HV-59-129B, and HV-59-135 isolated to the closed position. (Nuclear Steam Supply Shutoff System isolation, Group 7A.) The isolated valves were discovered by operators inspecting control panels after a Reactor Water Cleanup system (RWCU) isolation. The PCIG system isolation was reset along with the RWCU system isolation.

The EIIS code designation for Instrument Air Supply is LD.

Consequences of the Event:

There were no adverse consequences associated with this isolation, since the unit was in the shutdown mode. Had it been in operation, it is possible that a main steam isolation valve closure would have occurred before the operators were alerted by any alarm. This would have resulted in a scram.

Cause of the Event:

While troubleshooting instrument panel 10C623 (associated with the isolation logic of the three PCIG valves), the technicians discovered two loose connections to relay 102B in the panel. They discovered that moving these two wires initiated a Group 7A isolation. Therefore, it is believed that loose connections to relay 102B in the panel caused the inadvertent isolation of the PCIG system.

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)

LER NUMBER (6)

PAGE (3)

YEAR

SEQUENTIAL
NUMBERREVISION
NUMBER

0 5 0 0 0 3 5 2 8 5 - 0 5 6 - 0 0 0 3 OF 0 3

TEXT (If more space is required, use additional NRC Form 385A's) (17)

Corrective Actions:

The PCIG system isolation was reset. The loose connections were tightened to prevent further isolations. Other wiring was inspected in the panel to ensure no other loose connections existed.

Previous Similar Occurrences:

None.

PHILADELPHIA ELECTRIC COMPANY

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(215) 841-4000

June 28, 1985

Docket No. 50-352

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U.S. Nuclear Regulatory Commission
Washington, DC 20555

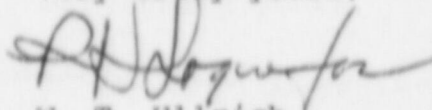
SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER deals with the automatic isolation of the primary containment instrument gas outboard isolation valves.

Reference:	Docket No. 50-352
Report Number:	85-056
Revision Number:	00
Event Date:	May 29, 1985
Report Date:	June 28, 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)(iv).

Very truly yours,



W. T. Ullrich
Superintendent
Nuclear Generation Division

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

LE22
1/1

cc: Judge Helen F. Hoyt
Judge Jerry Harbour
Judge Richard F. Cole
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