

LICENSEE EVENT REPORT (LER)

APPROVED OMB NO. 3180-0104
EXPIRES - 6/30/85

FACILITY NAME (1) Limerick Generating Station - Unit 1						DOCKET NUMBER (2) 0 5 0 0 0 3 5 2				PAGE (3) 1 OF 0				
TITLE (4) Reactor Water Cleanup System Outboard Suction Valve 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 NAMES		DOCKET NUMBER(S)			
0	2	1	18	5	8	5	-	Q2	5	-	0			
0	2	1	18	5	8	5	-	Q2	5	-	0			
0	2	1	18	5	8	5	-	Q2	5	-	0			
OPERATING MODE (9)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)											
4			<input checked="" type="checkbox"/> 30.402(b) <input type="checkbox"/> 30.406(a)(1)(i) <input type="checkbox"/> 30.406(a)(1)(ii) <input type="checkbox"/> 30.406(a)(1)(iii) <input type="checkbox"/> 30.406(a)(1)(iv) <input type="checkbox"/> 30.406(a)(1)(v)											
POWER LEVEL (10)			<input checked="" type="checkbox"/> 30.406(a) <input type="checkbox"/> 30.406(a)(1) <input type="checkbox"/> 30.406(a)(2) <input type="checkbox"/> 30.406(a)(2)(i) <input type="checkbox"/> 30.406(a)(2)(ii) <input type="checkbox"/> 30.406(a)(2)(iii) <input type="checkbox"/> 30.406(a)(2)(iv)											
0010			<input checked="" type="checkbox"/> 30.406(a)(2)(iv) <input type="checkbox"/> 30.406(a)(2)(v) <input type="checkbox"/> 30.406(a)(2)(vi) <input type="checkbox"/> 30.406(a)(2)(vii) <input type="checkbox"/> 30.406(a)(2)(viii) <input type="checkbox"/> 30.406(a)(2)(ix)											
LICENSEE CONTACT FOR THIS LER (12)														
NAME									TELEPHONE NUMBER					
John C. Nagle, Engineer - Special Projects									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	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NRC
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)		MONTH	DAY	YEAR
YES (If you complete EXPECTED SUBMISSION DATE)										X NO				
ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)														
<p>Abstract: 85-025</p> <p>On February 11, 1985 a spurious isolation of the Reactor Water Cleanup system (RWCUC) occurred. The outboard isolation valve, HV-44-lF004, closed to its isolation position. The isolation was reset and the RWCUC system was returned to service. There were no adverse effects as a result of the RWCUC isolation.</p>														

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

LER NUMBER (5)

YEAR SEQUENTIAL REVISION

85 - 0 2 5 - 0 1 0

PAGE (3)

0 2 OF 0 3

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

Description of the Event:

On February 11, 1985, at 2:00 a.m., with Unit 1 in cold shutdown, a spurious isolation of the Reactor Water Cleanup system (RWCU) occurred. The outboard isolation valve, HV-44-1F004, closed to its isolation position. The isolation signal was reset and the RWCU system was returned to normal operation.

Consequences of the Event:

The RWCU system isolated properly. There were no adverse effects. Reactor water chemistry was not affected due to the short duration of the isolation.

Cause of the Event:

The specific cause of the isolation is under investigation.

Surveillance Test, ST-2-041-643-1 (NSSSS - Main Steam Line Tunnel Temperature-High, Division IIB, Channel D Functional Test (TTS-41-1N605D, TTS-41-1N606D, TTS-41-1N607D, TTS-41-1N608D) was being performed at the time of the event. The main steam leak detection system and RWCU leak detection system temperature switches are mounted in the same panel; however, the RWCU isolation logic is not connected with the main steam leak detection logic.

The same steps in procedure ST-2-041-631-1 that were being performed at the time of the isolation were repeated and the isolation of HV-44-1F004 occurred again. However, further attempts to produce the isolation signal were unsuccessful. The entire surveillance test was repeated without causing an isolation.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

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 5 - 0 2 5 - 0 0 0 3 OF 0 3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 365A's) (17)

Corrective Actions:

A disturbance analyzer will be installed in the inboard and outboard RWCU isolation logics. This device, which records changes of state of contacts, will be used to monitor the contacts in the RWCU isolation logic chains to determine the cause of the inadvertent isolations.

Previous Similar Occurrence:

LGS LER: 84-035

PHILADELPHIA ELECTRIC COMPANY

2301 MARKET STREET

P.O. BOX 8699

PHILADELPHIA, PA. 19101

(215) 841-4000

March 13, 1985

Docket No. 50-352

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U.S. Nuclear Regulatory Commission
Washington, DC 20555

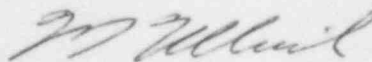
SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER concerns the isolation of the reactor water cleanup system outboard suction valve.

Reference:	Docket No. 50-352
Report Number:	85-025
Revision Number:	00
Event Date:	February 11, 1985
Report Date:	March 13, 1985
Facility:	Limerick Generating Station P.O. Box A, Sanatoga, PA 19464

This LER is being 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
Judge Jerry Harbour
Judge Richard F. Cole
Troy B. Conner, Jr., Esq.
Ann P. Hodgdon, Esq.
Mr. Frank R. Romano
Mr. Robert L. Anthony
Ms. Phyllis Zitner
Charles W. Elliott, Esq.
Zori G. Ferkin, Esq.
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Director, Penna. Emergency Management Agency
Angus Love, Esq.
David Wersan, Esq.
Robert J. Sugarman, Esq.
Martha W. Bush, Esq.
Spence W. Perry, Esq.
Jay M. Gutierrez, Esq.
Atomic Safety & Licensing Appeal Board
Atomic Safety & Licensing Board Panel
Docket & Service Section (3 Copies)
James Wiggins
Timothy R. S. Campbell

January 16, 1985