

LICENSEE EVENT REPORT (LER)

APPROVED OMS 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 OF 0 3											
TITLE (4) Procedural Deficiency in the Containment Atmospheric Control Valve Test																					
EVENT DATE (6)			LER NUMBER (8)				REPORT DATE (7)			OTHER FACILITIES INVOLVED (9)											
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAME					DOCKET NUMBER (5)							
1	2	2	8	84	8	4	0	4	3	0	0	1	2	5	8	5	0 5 0 0 0 1 1				
OPERATING MODE (8)			THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																		
POWER LEVEL (10)			20.402(b)				20.406(a)				60.731a(2)(iv)				72.711b)						
0 0 0			20.406(b)(1)(ii)				60.341a(1)				60.731a(2)(v)				72.711a)						
			20.406(b)(1)(iii)				60.341a(2)				60.731a(2)(vi)				OTHER (Specify in Abstract below and in Text, NRC Form 366A)						
			20.406(b)(1)(iv)				60.731a(2)(ii)				60.731a(2)(vii)(A)										
			20.406(b)(1)(v)				60.731a(2)(iii)				60.731a(2)(viii)(B)										
			20.406(b)(1)(vi)				60.731a(2)(iv)				60.731a(2)(ix)(C)										
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						
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO											
ABSTRACT (Limit to 1,000 words, i.e., approximately fifteen single-space typewritten lines) (16)																					
Abstract: 84-043																					
<p>On December 28, 1984, during a review of valve stroke times for trending analysis, the Surveillance Test Coordinator determined that the Surveillance Test, ST-6-057-200-1, Containment Atmospheric Control (CAC) Valve Test, did not properly address the measurement of the stroking time of suppression pool level instrumentation solenoid valve, SV-52-139. As a result, the closure of valve SV-52-139 could not be verified for the period prior to December 28, 1984. The stroke time of this valve was subsequently tested successfully on December 29, 1984. Surveillance Test ST-6-057-200-1 will be revised to require measurement of the stroking time of suppression pool level instrumentation valve SV-52-139 prior to its subsequent quarterly implementation.</p>																					
8502060340 850125 PDR ADOCK 05000352 S PDR																					

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 4 3	0 0	0 2	OF	0 3

TEXT (If more space is required, use additional NRC Form 364a) (17)

Description of the Event:

On December 28, 1984, at approximately 1900, Limerick Generating Station's Surveillance Test Coordinator discovered an administrative error in ST-6-057-200-1, entitled, "Containment Atmospheric Control (CAC) Valve Test" in that the opening time column and closing time column were both identified as not applicable ("N/A") for valve SV-52-139. The purpose of the CAC Valve Test is to demonstrate the operability of each primary containment isolation valve. Section 6.3, 'Action Required', of the surveillance test records the stroking (opening and/or closing) time of forty-seven valves. Review of the results of the previous ST-6-057-200-1 by the ST Coordinator discovered that the measurement of the stroke time of SV-52-139 was exempt by the detail of the test, although Table 3.6.3-1 in the Technical Specifications requires measurement of the closure time for that valve.

Following this discovery, a surveillance test was performed for valve SV-52-139. The valve indicating lights showed the valve in mid-position.

By opening an instrument fitting downstream, it was determined the valve was actually closed. The limit switches were adjusted and the valve was satisfactorily tested on December 29, 1984, with a closing time of 1 second. The Technical Specification maximum allowable closing time for this valve is 6 seconds.

Consequences of the Event:

Although subsequent testing performed on suppression pool level instrumentation valve SV-52-139, December 29, 1984, found this valve to be operable within the Technical Specification requirements, the error within the procedure resulted in an undocumented condition of valve SV-52-139. Valve SV-52-139 is a normally opened valve and is designed to remain open to measure post-LOCA suppression pool level. This valve would be closed in the event of a break of the instrument line between the valve and its associated level transmitter. It was demonstrated that this valve would have performed its intended function.

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 8 4 - 0 4 3 - 0 0 0 3 OF 10 3	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			

TEXT (If more space is required, use additional NRC Form 366A's) (17)

Cause of the Event:

The failure to measure the closure time of the outboard isolation valve SV-52-139 of the suppression pool level instrumentation, as required by the surveillance requirements of the Technical Specifications, was caused by an unintentional procedural deficiency in Surveillance Test ST-6-057-200-1, which originated as a typographical error which was not discovered.

Corrective Actions:

As an immediate action to insure similar events do not occur, a review of all valve test surveillance tests was performed. This review revealed no additional procedural deficiencies. As stated in the Description of the Event, the closure time of solenoid valve SV-52-139 was measured and found to be in compliance on December 29, 1984. The Surveillance Test ST-6-057-200-1 was revised and is currently awaiting approval by the facility's Plant Operational Review Committee.

PHILADELPHIA ELECTRIC COMPANY

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January 25, 1985

Docket No. 50-352

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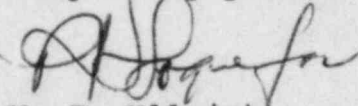
SUBJECT: Licensee Event Report
Limerick Generating Station - Unit 1

This LER concerns the discovery of a procedural deficiency in the Containment Atmospheric Control Valve Test Surveillance Test for complying with the surveillance requirements of Technical Specification 4.6.3.1.

Reference:	Docket No. 50-352
Report Number:	84-043
Revision Number:	00
Event Date:	December 28, 1984
Report Date:	January 25, 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)(i).

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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January 16, 1985