

## LICENSEE EVENT REPORT (LER)

FACILITY NAME (1)  
Susquehanna Steam Electric Station - Unit 1DOCKET NUMBER (2)  
0 5 0 0 0 3 8 7 1 OF 0 2TITLE (4)  
HPCI Inboard Steam Supply Valve Isolation.EVENT DATE (5)  
MONTH DAY YEAR  
0 8 2 3 8 5 8 5  
LER NUMBER (6)  
YEAR SEQUENTIAL NUMBER REVISION NUMBER  
0 2 8 0 0 0 9 1 8 8 5  
REPORT DATE (7)  
MONTH DAY YEAR  
0 5 0 0 0 0  
OTHER FACILITIES INVOLVED (8)  
FACILITY NAMES DOCKET NUMBER(S)  
0 5 0 0 0 0THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)  
OPERATING MODE (9) 1  
POWER LEVEL (10) 1 0 0  
20.402(b) 20.405(e) X 50.73(a)(2)(iv) 73.71(b)  
20.405(a)(1)(i) 50.38(e)(1) X 50.73(a)(2)(v) 73.71(c)  
20.405(a)(1)(ii) 50.38(e)(2) 50.73(a)(2)(vii) OTHER (Specify in Abstract below and in Text, NRC Form 366A)  
20.405(a)(1)(iii) 50.73(a)(2)(i) 50.73(a)(2)(viii)(A)  
20.405(a)(1)(iv) 50.73(a)(2)(ii) 50.73(a)(2)(viii)(B)  
20.405(a)(1)(v) 50.73(a)(2)(iii) 50.73(a)(2)(ix)LICENSEE CONTACT FOR THIS LER (12)  
NAME T.N. Creasy  
TELEPHONE NUMBER  
AREA CODE 7 1 7 5 4 2 - 3 2 4 2COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)  
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRCDS  
CAUSE SYSTEM COMPONENT MANUFACTURER REPORTABLE TO NRCDSSUPPLEMENTAL REPORT EXPECTED (14)  
YES (If yes, complete EXPECTED SUBMISSION DATE) X NO  
EXPECTED SUBMISSION DATE (15)  
MONTH DAY YEAR

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

On August 23, 1985 at 0951 the High Pressure Coolant Injection (HPCI) System was declared inoperable when the HPCI system inboard steam supply valve isolated. An Instrumentation and Control (I&C) technician performing a quarterly calibration of a pressure switch inadvertently connected his test equipment to the wrong terminal points which caused the valve to isolate. The valve was reopened and the HPCI System was declared operable at 1050 on August 23, 1985. However, intermediate position indication on the HPCI steam line warmup isolation valve necessitated reclosing of the inboard steam supply isolation valve, and HPCI was again declared inoperable at 1425 the same day. After full close indication of the warmup isolation valve was obtained, the inboard steam supply valve was reopened and HPCI declared operable at 1935 on August 23, 1985. The I&C technician performing the calibration was counseled regarding the seriousness of his actions. Also, strict compliance to procedures will be emphasized during the next monthly meeting of the I&C Department.

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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) Susquehanna Steam Electric Station Unit 1	DOCKET NUMBER (2) 0500038785	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		85	028	00	02	OF	02

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

On August 23, 1985 at 0951 the High Pressure Coolant Injection (HPCI) System (EIIIS Code: BJ) was declared inoperable when the HPCI System inboard steam supply valve isolated. An Instrumentation and Control (I&C) technician (utility, non-licensed) performing a quarterly calibration of a pressure switch inadvertently connected his test equipment to the wrong terminal points which caused the valve to isolate. The surveillance procedure being used by the I&C technician correctly identified the terminal points where the test equipment was to be installed. The valve was reopened and the HPCI System was declared operable at 1050 on August 23, 1985. However, while attempting to close the HPCI steam line warmup isolation valve its position indication remained intermediate. The warmup isolation valve is a primary containment isolation valve, thus a Limiting Condition for Operation (LCO) was entered at 1050 hours in accordance with Technical Specification 3.6.3. The warmup valve was cycled again but still had intermediate indication. The inboard steam supply valve was then reclosed and HPCI again declared inoperable at 1425 the same day. The steamline was slowly depressurized by opening a drain valve and while this was being done, full close indication was received on the warmup isolation valve. The steamline was then completely depressurized and the drain valve shut. The steamline did not repressurize demonstrating the warmup isolation valve was in fact closed. The warmup isolation valve was deactivated and the LCO per Tech Spec 3.6.3 was cleared at 1440 hours. The inboard steam supply valve was reopened and HPCI was declared operable at 1935 on August 23, 1985. During this event, all other Emergency Core Cooling Systems were operable.

To prevent recurrence, the I&C technician performing the calibration was counseled regarding the seriousness of his actions. In addition, strict compliance to procedures will be emphasized during the next monthly meeting of the I&C Department.



# Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

September 18, 1985

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

SUSQUEHANNA STEAM ELECTRIC STATION  
LICENSEE EVENT REPORT 85-028-00  
ER 100450 FILE 841-23  
PLAS-119

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Docket No. 50-387  
License No. NPF-14

Attached is Licensee Event Report 85-028-00. This event was determined reportable per 10CFR50.73(a)(2)(iv) and 10CFR50.73(a)(2)(v), in that the High Pressure Coolant Injection System inboard steam supply valve unintentionally isolated during the performance of a surveillance.

T.M. Crimmins, Jr.  
Superintendent of Plant-Susquehanna

TNC/pjg

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