

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) SUSQUEHANNA STEAM ELECTRIC STATION - UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 8 8	PAGE (3) 1 OF 0 2
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TITLE (4)
REACTOR WATER CLEAN UP

EVENT DATE (5)			LER NUMBER (8)			REPORT DATE (7)			OTHER FACILITIES INVOLVED (8)	
MONTH	DAY	YEAR	YEAR	SEQUENTIAL NUMBER	REVISION NUMBER	MONTH	DAY	YEAR	FACILITY NAMES	DOCKET NUMBER(S)
0 7	2 3	8 4	8 4	0 1 4	0 0	0 8	2 2	8 4		0 5 0 0 0
										0 5 0 0 0

OPERATING MODE (9) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR § (Check one or more of the following) (11)				
POWER LEVEL (10) 0 4 4	20.402(b)	20.406(e)	<input checked="" type="checkbox"/>	80.73(a)(2)(iv)	73.71(b)
	20.406(a)(1)(i)	80.36(a)(1)	<input type="checkbox"/>	80.73(a)(2)(v)	73.71(e)
	20.406(a)(1)(ii)	80.36(a)(2)	<input type="checkbox"/>	80.73(a)(2)(vii)	OTHER (Specify in Abstract below and in Text, NRC Form 366A)
	20.406(a)(1)(iii)	80.73(a)(2)(ii)	<input type="checkbox"/>	80.73(a)(2)(viii)(A)	
	20.406(a)(1)(iv)	80.73(a)(2)(i)	<input type="checkbox"/>	80.73(a)(2)(viii)(B)	
	20.406(a)(1)(v)	80.73(a)(2)(iii)	<input type="checkbox"/>	80.73(a)(2)(x)	

LICENSEE CONTACT FOR THIS LER (12)		TELEPHONE NUMBER
NAME R. W. Stanley	AREA CODE 7 1 7	7 5 4 2 1 - 1 3 9 3 1 0

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPROS	
X	KIM	ITIS	X 9 1 9 9	N						

SUPPLEMENTAL REPORT EXPECTED (14) <input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE) <input checked="" type="checkbox"/> NO	EXPECTED SUBMISSION DATE (15)	MONTH DAY YEAR
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ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (16)

At 1759 and 2117 on July 23, 1984, the Reactor Water Clean Up Inlet Out Board Isolation Valve (2F004) closed due to high temperature in the Filter Demineralizer Room. The high temperature detector is a portion of the leak detection system. The high temperature in the Filter Demineralizer Room was caused by problems with the Reactor Building Chilled Water System, which serves as a heat sink for the ventilation system. The "B" Reactor Building Chiller was repaired.

The closing of the Reactor Water Clean Up Inlet Out Board Isolation Valve is an Engineered Safety Features (ESF) actuation since it is a containment isolation.

The event had no adverse effect on the plant.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) SUSQUEHANNA STEAM ELECTRIC STATION UNIT 2	DOCKET NUMBER (2) 0 5 0 0 0 3 8 8 8 4	LER NUMBER (6)			PAGE (3)		
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER			
		8 4	0 1 4	0 0	0 2	OF	0 2

TEXT (If more space is required, use additional NRC Form 388A's) (17)

At 1759 and 2117 on July 23, 1984, the Reactor Water Clean Up Inlet Out Board Isolation Valve (2F004) closed due to high temperature in the Filter Demineralizer Room. The high temperature detector is a portion of the leak detection system. The high temperature in the Filter Demineralizer Room was caused by problems with the Reactor Building Chilled Water System. The "B" chiller would not restart due to a refrigerant problem, the "A" chiller was placed into operation, the temperatures in the Reactor Building Chilled Water System increased slightly prior to settling out. The closing of the Reactor Water Clean Up Inlet Out Board Isolation Valve is an Engineered Safety Features (ESF) actuation since it is a containment isolation.

The low refrigerant temperature cut-out switch was replaced. The new switch was calibrated and tested, and the chiller was run satisfactorily.

Unit 2 was at 44% power at the time of the event. The event had no adverse effect on the plant.



Pennsylvania Power & Light Company

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

August 22, 1984

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

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 84-014
ER 100450 FILE 841-23
PLA -2288

Docket No. 50-387 / 50-388
License No. NPF-14 / NPF-22

Attached is Licensee Event Report 84-014. This event was determined reportable per 50.73 (a) (2) (iv), in that an unplanned Engineered Safety Features (ESF) actuation occurred. The event consisted of the Reactor Water Clean Up Inlet Out Board Isolation Valve (2F004) closing due to high temperature in the Filter Demineralizer Room.

H. W. Keiser
Superintendent of Plant-Susquehanna

RWS/jls

cc: Dr. Thomas E. Murley
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