

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Susquehanna Steam Electric Station - Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 8 7	PAGE (3) 1 OF 0 2
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TITLE (4)
Turbine Building SPING Out of Service.

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
0 9	0 6	8 4	8 4	0 3 9	0 0	1 0	0 5	8 4	0 5 0 0 0

OPERATING MODE (8) 1	THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)				
POWER LEVEL (10) 11010	<input type="checkbox"/> 20.402(b)	<input type="checkbox"/> 20.405(e)	<input type="checkbox"/> 50.73(a)(2)(iv)	<input type="checkbox"/> 73.71(b)	OTHER (Specify in Abstract below and in Text, NRC Form 365A)
	<input type="checkbox"/> 20.405(a)(1)(i)	<input type="checkbox"/> 50.38(e)(1)	<input type="checkbox"/> 50.73(a)(2)(v)	<input type="checkbox"/> 73.71(c)	
	<input type="checkbox"/> 20.405(a)(1)(ii)	<input type="checkbox"/> 50.38(e)(2)	<input type="checkbox"/> 50.73(a)(2)(vii)		
	<input type="checkbox"/> 20.405(a)(1)(iii)	<input checked="" type="checkbox"/> 50.73(a)(2)(i)	<input type="checkbox"/> 50.73(a)(2)(viii)(A)		
	<input type="checkbox"/> 20.405(a)(1)(iv)	<input type="checkbox"/> 50.73(a)(2)(ii)	<input type="checkbox"/> 50.73(a)(2)(viii)(B)		
	<input type="checkbox"/> 20.405(a)(1)(v)	<input type="checkbox"/> 50.73(a)(2)(iii)	<input type="checkbox"/> 50.73(a)(2)(ix)		

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

COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)										
CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	
A	I	L	P	*	N					

SUPPLEMENTAL REPORT EXPECTED (14)		EXPECTED SUBMISSION DATE (15)	MONTH	DAY	YEAR
<input type="checkbox"/> YES (If yes, complete EXPECTED SUBMISSION DATE)	<input checked="" type="checkbox"/> NO				

ABSTRACT (Limit to 1400 spaces, i.e., approximately fifteen single-space typewritten lines) (18)

The Unit 1 Permanent Turbine Building Special Particulate Iodine Noble Gas Monitor was taken out of service at 1015, September 4, 1984. Turbine Building Particulate and Iodine Temporary Monitoring Equipment was placed in service. At 1100 on September 6, 1984, the Temporary Monitoring Equipment failed. This interrupted the continuous collection of the Iodine and Particulate, as required by Technical Specification 3.3.7.11, for thirty (30) minutes until the Temporary Monitoring Equipment was placed back into service.

8410190008 841005
PDR ADDCK 05000387
S PDR

Handwritten initials/signature

*Temporary Sample Pump.

LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

FACILITY NAME (1) Susquehanna Steam Electric Station Unit 1	DOCKET NUMBER (2) 0 5 0 0 0 3 8 7	LER NUMBER (6)			PAGE (3)	
		YEAR	SEQUENTIAL NUMBER	REVISION NUMBER		
		8 4	- 0 3 9	- 0 0	0 2	OF 0 2

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

The Unit 1 Permanent Turbine Building Special Particulate Iodine Noble Gas (SPING) Monitor was taken out of service at 1015, September 4, 1984. The SPING was taken out of service due to defective Flow Transmitter (FT-16503A), which caused improper system flow rates. Turbine Building Particulate and Iodine Temporary Monitoring Equipment was placed on the roof of the Reactor Building and took a sample directly from the Turbine Building Exhaust Stack which is the discharge for the Turbine Building Heating Ventilation and Air Conditioning. At 1100 on September 6, 1984, a Noble Gas sample was taken by disconnecting the tubing from the sample pump. During this operation the tubing was dropped onto the gravel roof of the Reactor Building. A small amount of gravel was drawn into the sample pump which damaged the pump. A Limiting Condition of Operation (LCO) was declared and a new sample pump was obtained and installed within thirty (30) minutes. Since the monitoring equipment was out of service for thirty (30) minutes Technical Specification 3.3.7.11, which requires continuous collection of the Iodine and Particulate, was not met. The LCO was cleared at 1130 on the Temporary Monitoring Equipment. The Permanent Turbine Building Special Particulate Iodine Noble Gas (SPING) Flow Transmitter (FT-16503A) was replaced and satisfactorily calibrated. The SPING was returned to service September 10, 1984 at 1815.

Turbine Building vent releases continued for thirty (30) minutes without the Unit 1 SPING in service. Although this equipment was not in service, the plant was at a continuous power with no transients. Additionally, continuous air monitors located on three (3) elevations of the Turbine Building indicated satisfactory readings during this time period.



Pennsylvania Power & Light Company

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October 5, 1984

U.S. Nuclear Regulatory Commission
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Washington, DC 20555

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 84-039-00
ER 100450 FILE 841-23
PLA-2332

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

Attached is Licensee Event Report 84-039-00. This event was determined reportable per 10CFR50.73(a)(2)(i), in that the Turbine Building SPING was inoperable for thirty (30) minutes which did not meet Technical Specification 3.3.7.11.

H.W. Keiser
Superintendent of Plant-Susquehanna

RWS/pjg

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