

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Susquehanna Steam Electric Station - Unit 2										DOCKET NUMBER (2) 0 5 0 0 0 3 1 8 1 8										PAGE (3) 1 OF 0 2																					
TITLE (4) SBLC Isolations.																																									
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)								
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0 3			2 7			8 5			8 5			0 1			3			0 0			0 4			2 6			8 5									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 9 2						20.402(b)						20.405(c)						50.73(a)(2)(iv)						73.71(b)																	
						20.405(a)(1)(i)						50.36(c)(1)						X 50.73(a)(2)(v)						73.71(c)																	
						20.405(a)(1)(ii)						50.36(c)(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 L.A. Kuczynski - Nuclear Plant Specialist, Level III														TELEPHONE NUMBER 7 1 1 7 5 1 4 2 1 - 1 3 1 7 1 5 1 9																											
COMPLETE ONE LINE FOR EACH COMPONENT FAILURE DESCRIBED IN THIS REPORT (13)																																									
CAUSE		SYSTEM		COMPONENT		MANUFACTURER		REPORTABLE TO NPDs		CAUSE		SYSTEM		COMPONENT		MANUFACTURER		REPORTABLE TO NPDs																							
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SUPPLEMENTAL 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 March 26, 1985, Standby Liquid Control (SBLC) pump 'A' failed its 92 day flow verification surveillance test. Inspection determined that the suction and discharge valves internal to the positive displacement pump needed repair and that the pump's relief valve was leaking by. During the repair work over the following two days, the common suction line from the SBLC tank to the both SBLC pumps was required to be isolated for short periods of time. This configuration resulted in the loss of a single train safety system for a total of five hours twenty-five minutes. The repairs were completed and the system was retested satisfactorily on March 29, 1985.

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LICENSEE EVENT REPORT (LER) TEXT CONTINUATION

APPROVED OMB NO. 3150-0104

EXPIRES: 8/31/85

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

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

On March 26, 1985, with the Unit at 92% power, Standby Liquid Control (SBLC) pump 'A' did not develop sufficient flow to meet the minimum value established by Technical Specification 3.1.5 when tested by its regularly scheduled 92 day surveillance test. Limiting Condition for Operation (LCO) 3.1.5 Action Statement 'a' was entered at 1630 on March 26. Initial investigation determined that there was either leakage through the pump or its associated relief valve. (The SBLC pumps are positive displacement pumps; the discharge of the relief valve feeds back to the pump suction.) Over the following two days, adjustments to the relief valve and replacement of the pump's internal suction and discharge valves necessitated closing the isolation valve in the common suction line from the SBLC tank to both SBLC pumps (March 27 - 1 hour, 45 minutes; March 28 - 1 hour, 03 minutes, and 2 hours, 37 minutes). LCO Action Statement 'b' was entered and cleared each time. While the isolation valve was closed, the entire SBLC system was unavailable for operation (loss of a single-train safety system) during those periods. Proper system flow was verified and LCO 3.1.5 Action Statement 'a' was cleared on March 29, 1985 at 1515. SBLC pump 'B' had passed a similar flow test on March 7, 1985. Evaluation of this occurrence by Maintenance personnel has determined that the malfunctions associated with SBLC pump 'A' are isolated cases and no further action is needed.



Pennsylvania Power & Light Company

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

April 26, 1985

U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 85-013-00
ER 100450 FILE 841-23
PLAS-069

Docket No. 50-388
License No. NPF-22

Attached is Licensee Event Report 85-013-00. This event was determined reportable per 10CFR50.73(a)(2)(v), in that repairs to the Standby Liquid Control (SBLC) System necessitated isolating the common suction line to the SBLC pumps (loss of a single train safety system).

H.W. Keiser
Superintendent of Plant-Susquehanna

DJG/pjg

cc: Dr. Thomas E. Murley
Regional Administrator, Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

Mr. R.H. Jacobs
Senior Resident Inspector
U.S. Nuclear Regulatory Commission
P.O. Box 52
Shickshinny, PA 18655

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