

-CONTROL BLOCK:

(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)

0	1	P	A	S	E	S	1	2	0	0	-	0	0	0	0	0	-	0	0	3	4	1	1	1	1	4		5											
7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35											
LICENSEE CODE															LICENSEE NUMBER										LICENSEE TYPE										CAT 58				

CONT

0	1	R	E	P	O	R	T	S	O	U	R	C	E	6	0	5	0	0	0	3	8	7	7	0	8	0	5	8	3	8	0	9	0	2	8	3	9		
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REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE									

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 With the unit in steady state operation at 100% power, it was found that the valve

0 3 which controls cooling water flow to the HPCI lube oil cooler and barometric con-

0 4 denser would not cycle electrically. It was immediately determined that the valve

0 5 stroked freely when operated manually. Since the valve could have been operated

0 6 manually and the remaining ECCS systems were available during the time period in

0 7 question, there were no adverse effects to public health and safety.

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SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE				COMP. SUBCODE		VALVE SUBCODE							
EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.											
LER/RO REPORT NUMBER		ACTION TAKEN		FUTURE ACTION		EFFECT ON PLANT		SHUTDOWN METHOD		HOURS		ATTACHMENT SUBMITTED		NPRD-4 FORM SUB.		PRIME COMP. SUPPLIER		COMPONENT MANUFACTURER	
8 3		C		D		Z		Z		0 0 0 0		N		Y		N		L 2 0 0	
21 22		33 34		35 36		37 38		39 40		41 42		43 44		45 46		47 48		49 50	

CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)

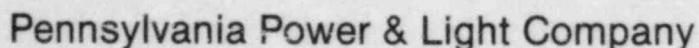
1 0 Valve electrical inoperability was caused by valve motor insulation breakdown

1 1 which led to burned field windings. A replacement motor was installed. The valve

1 2 was stroked electrically and the LCO cleared. The inoperable motor was shipped

1 3 off-site for re-winding and cleaning. No further actions are required.

1	5	E	28	1	0	0	29	NA	30	A	31	Operator observation	32		
7	8	9	10	11	12	13	14	15	16	17	18	19	20		
FACILITY STATUS				% POWER				OTHER STATUS				METHOD OF DISCOVERY			
ACTIVITY CONTENT RELEASED OF RELEASE				AMOUNT OF ACTIVITY				LOCATION OF RELEASE							
1 6 Z 33 Z 34 NA				NA				NA							
PERSONNEL EXPOSURES NUMBER TYPE DESCRIPTION				PERSONNEL INJURIES NUMBER DESCRIPTION				LOSS OF OR DAMAGE TO FACILITY TYPE DESCRIPTION				PUBLICITY ISSUED DESCRIPTION			
1 7 0 0 0 37 Z 38 NA				1 8 0 0 0 40 NA				1 9 Z 42 NA				2 0 N 44 NA			
11 12 13 14				15 16 17 18				19 20 21 22				23 24 25 26			
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September 2, 1983

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

SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 83-111/03L-0
ER 100450 FILE 841-23
PLA-1825

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-111/03L-0. This event was determined to be reportable per Technical Specification 6.9.1.9.b, in that the breaker which controls the electrical operation of one of the valves in the High Pressure Coolant Injection (HPCI) system tripped and would not stay reset. (The valve controls cooling water flow to the HPCI system lube oil cooler and barometric condenser.) This resulted in entry into Limiting Condition for Operation 3.5.1. It was determined that valve motor insulation breakdown caused burned field windings which disabled the valve's electrical operation. The motor was replaced, the valve stroked electrically and the system returned to service.

49 Thompson for

H.W. Keiser
Superintendent of Plant-Susquehanna

LAK/pjg

cc: G.G. Rhoads
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