

LICENSEE EVENT REPORT (LER)

FACILITY NAME (1) Susquehanna Steam Electric Station - Unit 1										DOCKET NUMBER (2) 0 5 0 0 0 3 8 7 1					PAGE (3) 1 OF 0 1				
TITLE (4) Simulated Thermal Power Time Constant Not Included in Surveillance Test.																			
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)						
0 2	1 3	8 5	8 5	0 0 5	0 0 0	3 1	5 8	5					0 5 0 0 0						
OPERATING MODE (9) 5		THIS REPORT IS SUBMITTED PURSUANT TO THE REQUIREMENTS OF 10 CFR §: (Check one or more of the following) (11)																	
POWER LEVEL (10) 0 0 0		20.402(b)				20.405(c)				50.73(a)(2)(iv)				73.71(b)					
		20.405(a)(1)(i)				50.36(c)(1)				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)				X 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, III										TELEPHONE NUMBER									
										AREA CODE		7 1 7 5 4 2 - 3 7 5 9							
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	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS	CAUSE	SYSTEM	COMPONENT	MANUFACTURER	REPORTABLE TO NPDOS
D	I	G	*	*	*														
SUPPLEMENTAL REPORT EXPECTED (14)										EXPECTED SUBMISSION DATE (15)			MONTH DAY YEAR						
YES (If yes, complete EXPECTED SUBMISSION DATE)										X NO									

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

On February 13, 1985, it was determined that verification of the 6 ± 1 second Simulated Thermal Power Time Constant was inadvertently omitted from the routine surveillance testing for the Average Power Range Monitors (APRM). Technical Specification Surveillance Requirement Table 4.3.1.1-1 requires an 18-month verification of the time constant in Footnote (h). The time constant was initially verified correct per pre-operational test data completed March 31, 1982. Testing completed on February 17, 1985, determined that the time constant in each of the five APRM channels is still within the 6 ± 1 second limit.

The existing surveillance testing confirms the existence of the time constant but does not verify its duration. The semi-annual surveillance test which calibrates the APRM channels includes a note which directs that '... adjustments should be made very slowly to allow for the 6 second time constant...', which would constitute a qualitative check of the time constant. Quantitative verification will be provided by the regularly scheduled 18-month time response test of the APRM's.

The Unit 2 APRM time constant was initially verified correct by pre-operational test data completed November 15, 1983. Future verification will be provided by the regularly scheduled 18-month time response test of the Unit 2 APRM's.

* Not Applicable

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Pennsylvania Power & Light Company

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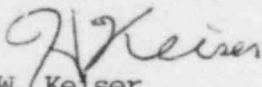
March 15, 1985

U.S. Nuclear Regulatory Commission
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SUSQUEHANNA STEAM ELECTRIC STATION
LICENSEE EVENT REPORT 85-005-00
ER 100450 FILE 841-23
PLA- 055

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

Attached is Licensee Event Report 85-005-00. This event was determined reportable per 10CFR50.73(a)(2)(i), in that verification of the Simulated Thermal Power Time Constant was inadvertently omitted from routine surveillance testing of the Average Power Range Monitors.


H.W. Kelser
Superintendent of Plant-Susquehanna

LAK/pjg

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