

NRC FORM 366
(12-81)
10 CFR 50U.S. NUCLEAR REGULATORY COMMISSION
LICENSEE EVENT REPORTAPPROVED BY OMB
3150-0011CONTROL BLOCK: ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ (1) (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	LICENSEE CODE										14	15	LICENSE NUMBER										25	26	LICENSE TYPE					30	57	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	1	2	2	1	8	3	8	0	5	2	1	8	4	9	
7	8	REPORT SOURCE										60	61	DOCKET NUMBER										68	69	EVENT DATE					74	75	REPORT DATE					80

EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)

0 2 Test performed by Teledyne, requested by PP&L, indicated the 3-way clamps on the

0 3 CRD insert and withdrawal lines may not be able to withstand worst case axial

0 4 water hammer loads. LCO per T.S. 3.1.2.1.C was entered to prevent rod movement in

0 5 order to restrain loads on the lines. A review of Design/As-built information re-

0 6 vealed additional supports outside containment requiring design drawing/hanger

0 7 modifications.

0 8

0	9	I	C	11	B	12	A	13	P	I	P	E	X	X	14	A	15	Z	16
7	8	SYSTEM CODE		CAUSE CODE		CAUSE SUBCODE		COMPONENT CODE							COMP. SUBCODE		VALVE SUBCODE		
17		EVENT YEAR		SEQUENTIAL REPORT NO.		OCCURRENCE CODE		REPORT TYPE		REVISION NO.									
8		3		1		6		4		0		1		X		2			
18		19		20		21		22		23		24		25		26			
X		X		Z		Z		0		0		0		0		0			
33		34		35		36		37		38		39		40		41			
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42		43		44		45		46		47		48		49		50			
X		Z		Z		0		0		0		0		0		0			
51		52		53		54		55		56		57		58		59			
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ATTACHMENT

LER # 83-164/01X-2

Pennsylvania Power & Light Company
Susquehanna Steam Electric Station
Docket Number: 50-387

Modification to supports on the Insert/Withdrawal Lines for the Control Rod Drive (CRD) System have been completed at Unit 1. In containment, these modifications required changing two way clamps to three way clamps at the CRD Insert/Withdrawal Line outer pedestal supports. Various other changes were required for insert/withdrawal line supports outside containment (such as individual hanger corrections, and as-built drawing corrections).

Modifications to supports for the CRD Insert/Withdrawal Lines, inside and outside of containment, conform to stresses that result from water hammer loads based on newly defined "Fast Scram" Hydrodynamic Loads on CRD systems for the Susquehanna Steam Electric Station.

Further information is being provided pursuant to 10CFR50.55e thru PLA-2118 "Final Report on Deficiency Involving Clamps on CRD Insert and Withdrawal Lines".



Pennsylvania Power & Light Company

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

May 21, 1984

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 83-164/01X-2
ER 100450 FILE 841-23
PLA-2212

Dear Dr. Murley:

Attached, please find a copy of Licensee Event Report No. 83-164/01X-2. This event was originally determined to be reportable per Technical Specification 6.9.1.8.i, in that clamps used to restrict movement of Control Rod Drive Insert and Withdrawal Lines were modified to conform to newly devised stress analysis for the system. Revision 2 of this Licensee Event Report provides additional information.

H.W. Keiser
Superintendent of Plant-SSES

BLW/pjg

Attachment

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

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