

CONTROL BLOCK:										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)									
P A S E S I										0 0 - 0 0 0 0 0 - 0 0									
L I C E N S E C O D E										L I C E N S E N U M B E R									
L I C E N S E T Y P E										C A T									
R E P O R T S O U R C E										D O C K E T N U M B E R									
E V E N T D E S C R I P T I O N A N D P R O B A B L E C O N S E Q U E N C E S																			
Results from test performed by Teledyne, requested by PP&L, indicate the the 3 way																			
clamps on the CRD insert and withdrawal lines may not be able to withstand worst																			
case axial water hammer loads. LOO per T.S. 3.1.3.1.c was entered to prevent con-																			
trol rod movement in order to restrain loads on the lines. During this event the																			
unit remained shutdown, and all control rods remained inserted; there were no ad-																			
verse consequences to public health and safety.																			
SYSTEM CODE										CAUSE CODE									
I C										B									
COMPONENT CODE										COMP. SUBCODE									
P I P E X X										A									
VALVE SUBCODE										Z									
LER/RO REPORT NUMBER										EVENT YEAR									
8 3										—									
SEQUENTIAL REPORT NO.										OCCURRENCE CODE									
1 6 4										0 1									
REPORT TYPE										REVISION NO.									
T										0									
ACTION TAKEN										FUTURE ACTION									
X										X									
EFFECT ON PLANT										SHUTDOWN METHOD									
Z										Z									
HOURS										ATTACHMENT SUBMITTED									
0 0 0 0										N									
PRIME COMP. SUPPLIER										COMPONENT MANUFACTURER									
A										0 0 6 8									
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS																			
Long term studies by BWR owners group resulted in PP&L's study of loads exerted																			
on three way clamps for the CRD insert and withdrawal lines. Additional testing																			
is being considered to determine what corrective actions, if any, need to be																			
performed prior to Unit 1 startup and Unit 2 fuel load.																			
FACILITY STATUS										% POWER									
G										0 0 0									
OTHER STATUS										METHOD OF DISCOVERY									
NA										C									
DISCOVERY DESCRIPTION																			
Waterhammer Testing																			
ACTIVITY CONTENT RELEASED OF RELEASE										AMOUNT OF ACTIVITY									
Z										NA									
LOCATION OF RELEASE																			
NA																			
PERSONNEL EXPOSURES NUMBER										DESCRIPTION									
0 0 0										Z									
PERSONNEL INJURIES NUMBER										DESCRIPTION									
0 0 0										NA									
LOSS OF OR DAMAGE TO FACILITY TYPE										DESCRIPTION									
Z										NA									
PUBLICITY ISSUED										DESCRIPTION									
N										NA									
NAME OF PREPARER										PHONE									
B.L. Wilks										(717) 542-2181 Ext. 3239									

NAME OF PREPARER B.L. Wilks

PHONE: (717) 542-2181 Ext. 3239



Pennsylvania Power & Light Company

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

January 3, 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 83-164/01T-0
ER 100450 FILE 841-23
PLA-2025

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

Dear Dr. Murley:

Attached is Licensee Event Report No. 83-164/01T-0. This event was determined reportable per Technical Specification 6.9.1.8.i, in that clamps used to restrict movement of Control Rod Drive Insert and Withdrawal Lines may require rework to ensure motion is restricted in all three directions. Limiting Condition for Operation (LCO) per Technical Specification 3.1.3.1.c was entered to prevent control rod movement and restrain loads on the lines while alternate corrective actions are being considered. During this event the unit remained shutdown with all control rods inserted. There were no adverse consequences to public health and safety.

H.W. Keiser for

H.W. Keiser
Superintendent of Plant-Susquehanna

BLW/pjg

cc: L.R. Plisco
Resident Inspector
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