

## LICENSEE EVENT REPORT

CONTROL BLOCK: 1										(PLEASE PRINT OR TYPE ALL REQUIRED INFORMATION)																																																																															
P A B V S 1 2 0 0 - 0 0 0 0 0 - 0 0 3 4 1 1 1 1 4										5																																																																															
LICENSEE CODE										LICENSE NUMBER										LICENSE TYPE										CAT 58																																																											
CON'T										REPORT SOURCE										DOCKET NUMBER										EVENT DATE										REPORT DATE																																																	
0 1										L 6 0 5 0 0 0 3 3 4 7 0 9 1 7 8 2 8										0 9 3 0 8 2 9																																																																					
EVENT DESCRIPTION AND PROBABLE CONSEQUENCES (10)																																																																																									
0 2										During a load reduction, caused by a low heater drain tank level, delta																																																																															
0 3										flux exceeded its required target band. After the Plant was stabilized																																																																															
0 4										at 81% Reactor Power, rods were borated out to return delta flux to its																																																																															
0 5										target band. There were no safety implications, since the delta flux																																																																															
0 6										remained in the acceptable operation range and the delta flux was																																																																															
0 7										returned to its target band within the action statement time																																																																															
0 8										requirements. (See Attachment)																																																																															
0 9										SYSTEM CODE										CAUSE CODE										CAUSE SUBCODE										COMPONENT CODE										COMP SUBCODE										VALVE SUBCODE																													
Z Z 11										E 12										E 13										I N S T R U 14										C 15										Z 16																																							
17										EVENT YEAR										SEQUENTIAL REPORT NO.										OCCURRENCE CODE										REPORT TYPE										REVISION NO.																																							
3 2										0 3 5										0 3										L										0																																																	
ACTION TAKEN										FUTURE ACTION										EFFECT ON PLANT										SHUTDOWN METHOD										HOURS										ATTACHMENT SUBMITTED										NPRD-4 FORM SUB.										PRIME COMP. SUPPLIER										COMPONENT MANUFACTURER									
E 18										Z 19										B 20										Z 21										0 0 0 0										Y 22										N 23										N 24										M 1 2 0 0 26									
CAUSE DESCRIPTION AND CORRECTIVE ACTIONS (27)																																																																																									
1 0										The high level heater drain tank dump valve stuck 75% open which caused																																																																															
1 1										a low level in the tank. This reduced the available feedwater. A power																																																																															
1 2										reduction was commenced to maintain steam generator levels. The rods																																																																															
1 3										were inserted to maintain Tave with Tref and the target band was																																																																															
1 4										exceeded. The controller for LCV-SD-106B was adjusted.																																																																															
FACILITY STATUS										% POWER										OTHER STATUS										METHOD OF DISCOVERY										DISCOVERY DESCRIPTION																																																	
E 28										1 0 0 29										N/A										A 31										Operator Observation																																																	
ACTIVITY CONTENT										RELEASED OF RELEASE										AMOUNT OF ACTIVITY										LOCATION OF RELEASE																																																											
Z 33										Z 34										N/A										N/A																																																											
PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLCITY																																																											
NUMBER										NUMBER										TYPE										DESCRIPTION										DESCRIPTION																																																	
0 0 0 37										0 0 0 40										Z 38										N/A										N/A																																																	
PERSONNEL EXPOSURES										PERSONNEL INJURIES										LOSS OF OR DAMAGE TO FACILITY										PUBLCITY																																																											
NUMBER										NUMBER										TYPE										DESCRIPTION										DESCRIPTION																																																	
0 0 0 37										0 0 0 40										Z 38										N/A										N/A																																																	
LOSS OF OR DAMAGE TO FACILITY										PUBLCITY										ISSUED										DESCRIPTION																																																											
Z 42										N/A										N/A										N/A																																																											
NAME OF PREPARER										W. S. Lacey										PHONE										412-643-8525																																																											

Attachment To LER 82-035/03L  
Beaver Valley Power Station  
Duquesne Light Company  
Docket No. 50-334

At 0525 hours, a low level alarm (A6-72) was received on the Heater Drain Tank [SD-TK-2]. The operator sent to investigate the problem found that the high level heater drain tank dump valve [LCV-SD-106B] was approximately 75% open. [LCV-SD-106B] was placed in manual control and shut. At 0538 hours, the control room operators noticed that all three main feed regulator valves were full open, and a power reduction was commenced to maintain steam generator levels. Prior to the load reduction delta flux was approximately -3.5 (target flux -2.04). During the load reduction the control rods were driven into approximately 160 steps, to maintain Tave with Tref. The plant was stabilized at 81% reactor power and delta flux was approximately -15.

The rods were then borated out to return delta flux to within the target band. At 0608 hours, the delta flux was within the target band and a 30 minute penalty time was accumulated. After verifying smooth operation of [LCV-SD-106B], a load increase was commenced to 100%.