



Pennsylvania Power & Light Company

September 20, 1984

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

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  
SPECIAL REPORT - ECCS INJECTIONS  
ER 100450 FILE 841-23  
PLA-2318

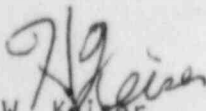
Docket No. 50-387  
License No. NPF-14

Dear Dr. Murley:

This Special Report, required by Technical Specification 3.5.1 Action f, documents a High Pressure Cooling Injection (HPCI) system actuation which resulted in injection of water into the reactor coolant system.

On July 3, 1984, lightning struck and automatically deenergized the transmission line which supplies the Unit 1 startup transformer. This ultimately resulted in a reactor scram on low vessel level (The scram has been reported in Licensee Event Report 84-029). The HPCI system initiated per design when vessel level reached -38 inches. Reactor vessel level subsequently increased to the high level setpoint which tripped the HPCI system.

As of July 3, 1984, the total number of HPCI actuation cycles is fourteen (14). A conservative analysis indicates the current usage factor for all affected nozzles is less than 0.70.

  
H.W. Kaiser  
Superintendent of Plant - Susquehanna

LAK/pjg

cc: Mr. R.H. Jacobs  
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