



Pennsylvania Power & Light Company

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

January 18, 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
SPECIAL REPORT - ECCS INJECTION
ER 100450 FILE 841-23
PLA-2048

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

Dear Dr. Murley:

This special report, required by Technical Specifications 3.5.1 ACTION f and 6.9.2, documents an Emergency Core Cooling System actuation which resulted in injection of water into the Reactor Coolant System.

A reactor scram occurred on November 2, 1983 due to a main steam line high radiation signal. The plant responded to the transient as designed. The response included an automatic High Pressure Coolant Injection (HPCI) initiation and injection. As of the November 2, 1983 occurrence, the total actuations of HPCI is thirteen and a conservative analysis indicates the usage factor for all affected nozzles is less than 0.70.

H.W. Keiser
Superintendent of Plant-Susquehanna

LAK/pjg

cc: L.R. Plisco
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