



Pennsylvania Power & Light Company

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September 12, 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 - RCIC INJECTIONS
ER 100450 FILE 841-23
PLA-2308

Docket No. 50-388
License No. NPF-22

Dear Dr. Murley:

This Special Report, required by Technical Specification 4.7.3.d, documents six Reactor Core Isolation Cooling (RCIC) system actuations which resulted in injection of water into the reactor coolant system.

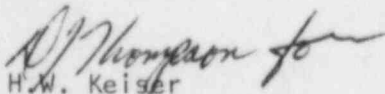
The circumstances of the actuations are as follows:

On June 14, 1984, the RCIC System was initiated manually per Start-up Test 14.4, Low Pressure Auto Quick Start to Vessel.

On June 23, 1984, RCIC was initiated per Startup Test 14.2, Reactor Vessel Injection. Due to concerns about the electrical overspeed trip circuitry, one additional quick start was initiated on June 23, and three initiated on June 24.

As of June 24, 1984, the total number of RCIC actuation cycles is eight. A conservative analysis indicates the current usage factor for all affected nozzles is less than 0.70.

Please note the following change to the previous report of two RCIC injections (PLA-2281): One injection occurred as part of Hot Functional Test HF-250-010, RCIC Turbine Control System Tune Up, and one occurred as part of Startup Test 14.2, Reactor Vessel Injections.


H.W. Keiser

Superintendent of Plant-Susquehanna

LAK/pjg

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