



Pennsylvania Power & Light Company

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

February 12, 1985

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 - NON-VALID DIESEL FAILURE
ER 100450 FILE 841-23
PLAS-038

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

Dear Dr. Murley:

This special report documents the "C" Diesel Generator Non-Valid Failure as required by Regulatory Guide 1.108, Section C.3.b, and Technical Specification 4.8.1.1.3.

At 0243 on January 14, 1985, the "C" Diesel Generator tripped on over excitation during a four (4) hour loaded run. The four (4) hour loaded run is required prior to Maintenance performing the Crankshaft Web Deflection Check. The purpose of this check is to ensure the main bearing is in exact alignment. The over excitation condition was caused by Control Room personnel inadvertently increasing the VAR loading to the trip setpoint. Since the trip is attributed to operating error, this is considered a non-valid failure.

The diesel generator was restarted and successfully loaded approximately thirty (30) minutes after the initial trip. The diesel start log indicates no diesel failures in the last one-hundred (100) starts. The diesels are on a test interval of every thirty-one (31) days, per Regulatory Guide 1.108, Section C.2.d.

H.W. Keiser
Superintendent of Plant-Susquehanna

RWS/pjg

cc: Mr. R.H. Jacobs
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