



Pennsylvania Power & Light Company

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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215/770-7501

December 14, 1983

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
UPDATED INTERIM REPORT OF A DEFICIENCY INVOLVING
SDV VENT & DRAIN VALVE WATERHAMMER
ERs 100450/100508 FILE 821-10
PLA-1987

Reference: PLA-1762 dated July 28, 1983

Dear Dr. Murley:

The referenced PLA-1762 provided the commission with an interim report on the subject deficiency and indicated that PP&L was going to conduct testing and analysis to determine the load and its impact.

This letter serves to provide an updated interim report and identifies the actions PP&L has taken to date.

Testing to collect data to determine waterhammer loads on the SDV began when the Unit 1/Unit 2 tie-in outage started. At present, testing is expected to be performed as follows:

- A hot functional test (TP-155-002) on Unit 1 at the start of the outage (complete).
- A cold test (TP-155-003) on Unit 1 after the hot test.
- A cold test (in preparation) on Unit 2 following the Unit 1 cold test.

The hot and cold tests are being performed on Unit 1 in order to determine what effects temperature will have on the waterhammer loads. These results can then be correlated with the Unit 2 cold tests so that an accurate analysis of the waterhammer loads on Unit 2 can be made.

Based on current schedules it is anticipated that the testing and subsequent analysis will be completed in March, 1984. PP&L therefore expects to submit the final report on this condition, including any additional corrective action which may be necessary, in April, 1984.

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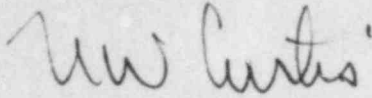
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We trust the Commission will find this report to be satisfactory.

Very truly yours,

A handwritten signature in dark ink, appearing to read "N. W. Curtis". The signature is written in a cursive, flowing style.

N. W. Curtis
Vice President-Engineering & Construction-Nuclear

js/ltl34a:nf

December 14, 1983

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Copy to:

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