



## Pennsylvania Power & Light Company

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

December 27, 1983

Dr. Thomas Murley  
Regional Administrator, Region I  
U.S. Nuclear Regulatory Commission  
631 Park Avenue  
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION  
INTERIM REPORT UPDATE FOR DEFICIENCY  
INVOLVING SEPARATION IN MULTIPLE DIVISION  
PULL AND JUNCTION BOXES  
ER 100508 FILE 821-10  
PLA-2000

Reference: PLA-1798 dated 8/18/83, N. W. Curtis to Dr. Murley  
PLA-1883 dated 9/30/83, N. W. Curtis to Dr. Murley

Dear Dr. Murley:

The referenced PLAs provided the Commission with interim reports, submitted under the provisions of 10CFR50.55(e), on a potential deficiency involving SSES Unit II electrical system separation inside multiple division pull boxes and junction boxes. PLA-1883 indicated that PP&L anticipated providing a final report in November, 1983. This letter provides the Commission with the current status of the corrective action on the subject deficiency.

Bechtel has completed a Unit II walkdown and analysis for divisional and channel separation. PP&L's review of the Bechtel report indicates that the Bechtel walkdown effort did not adequately cover all of the required aspects. PP&L is initiating additional walkdown efforts and analyses required to fully resolve this deficiency.

Based on the available data, PP&L has identified one pull box which PP&L considers to be reportable. This box contains redundant channel C and D circuits, which are not sufficiently separated by an approved barrier. If they fail, they could disable control of the Unit II C and D 4.16KV switchgear breakers. Therefore, PP&L considers this condition to be reportable for SSES Unit II under the provisions of 10CFR50.55(e).

PP&L issued NCR #83-836 to identify the subject concern for Unit I. A Unit I walkdown is being scheduled to be initiated and completed by the end of the tie-in outage. This work is to be performed and tracked under Work Authorization WA-T32072.

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December 27, 1983

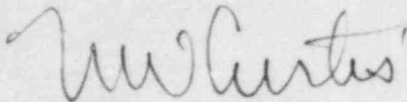
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SSES PLA-2000  
ER 100508 FILE 821-10  
Dr. Thomas Murley

PP&L anticipates providing the Commission with a Final Report in February, 1984.

We trust the Commission will find this action acceptable.

Very truly yours,

A handwritten signature in cursive script, appearing to read "N. W. Curtis".

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

wlb/ltl63a:sd

December 27, 1983

- 3 -

SSES PLA-2000  
ER 100508 File 821-10  
Dr. Thomas E. Murley

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