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 AUTH. NAME AUTHOR AFFILIATION
 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Notices of Potential Deficiencies ER 100450 & ER100508 re States Co sliding links. Failure occurs in form of crack between threaded screw hole & side of U-shaped link. Will advise of date of final rept.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

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PP&L

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NORMAN W. CURTIS
Vice President-Engineering & Construction
821-5381

June 23, 1980

Mr. Boyce H. Grier
Director, Region I
U. S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, Pennsylvania 19406

SUSQUEHANNA STEAM ELECTRIC STATION
NOTIFICATION OF A POTENTIAL DEFICIENCY ON
STATES COMPANY SLIDING LINKS
ERs 100450/100508 FILE 840-4
PLA-499

Dear Mr. Grier:

This letter serves to confirm information provided by telephone to NRC Inspector Mr. R. McGaughy by Mr. A. R. Sabol of PP&L on June 17, 1980. During that conversation, Mr. McGaughy was advised that the subject condition was being evaluated for reportability under the provisions of 10CFR50.55(e).

The defect involves the failure of the U-shaped link on the States Company sliding link terminal block. The failure occurs in the form of a crack between the threaded screw hole and the side of the U-shaped link. The U-shaped link and associated spacer forms a connection between two slotted bars on the terminal block when the spacer and link are tightened by a screw. When the screw is tightened a crack may result which can cause an open or a poor electrical connection. Since these links are used on safety related equipment, the defective condition has been evaluated as potentially reportable under the provisions of 10CFR50.55(e).

The subject defect has also been previously recognized by the NRC and was described in your Information Notice 80-08 issued on March 7, 1980.

Bechtel has under development a sampling procedure which includes guidance for their Quality Control field organization to inspect the links. The PP&L Integrated Startup Group will also be instructed to follow the guidance outlined in the sampling plan whenever they operate the links during preoperational testing activities. We expect this approach to provide us with quantitative information on the extent of the deficiency.

Since the details of this report provide information relevant to the reporting requirements of 10CFR21, this correspondence is considered to also discharge any formal responsibility PP&L may have for reporting in compliance thereto.

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PENNSYLVANIA POWER & LIGHT COMPANY

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Mr. Boyce H. Grier

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June 23, 1980

PP&L and Bechtel are continuing to analyze the problem and to establish an acceptable corrective action plan. Based upon the satisfactory completion of our investigation, we will advise the Commission of the date by which a final report will be submitted should the conditions be determined to be reportable.

Very truly yours,



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

FLW:mcb

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