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 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 GRIER, B.H. Region 1, Philadelphia, Office of the Director

SUBJECT: Notices of potential deficiency in Cutler-Hammer push button switches, in addition to defects & conditions in Amphenol connector pins & F-30 switches noted in 790911 ltr. Reportability to be determined by 791111.

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

NOTES: -----

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October 11, 1979

Mr. Boyce H. Grier
Director, Region I
U. S. Nuclear Regulatory Commission
621 Park Avenue
King of Prussia, Pennsylvania 18406

SUSQUEHANNA STEAM ELECTRIC STATION
NOTIFICATION OF A POTENTIAL DEFICIENCY IN
AMPHENOL CONNECTORS AND CUTLER HAMMER E-30 SWITCHES (STATUS UPDATE)
ERs 100450/100508 FILE 840-4
PLA-409

Dear Mr. Grier:

Defects and conditions reported in PLA-399 of September 11, 1979 concerning Amphenol female connector pins and push button switches are still under review by our Nuclear Steam System Supplier, General Electric. Because of the need to secure a technical assessment from G.E., the evaluation of the reportability of the deficient conditions has not been completed. Based upon G.E.'s assessment and following Bechtel Corporation's evaluation of the NSSS report on these items, PP&L will conduct its evaluation and advise the Commission accordingly.

In the interim, additional inspections have revealed that, in addition to the defects on Cutler-Hammer push button switches outlined in PLA-399, the following problems have also been identified:

1. Some C-H push button switches stick when an attempt is made to depress the switch mechanism.
2. Another failure mode was found with push button switch HS-271B1. The switch auto and manual mode functions do not indicate proper operation. When the manual mode is exercised, the manual switch legend floats at the same height as the auto mode, thereby giving the operator a false indication of the switch position.

The Commission will be advised of PP&L's assessment of the reportability of all conditions by November 11, 1979.

Very truly yours,

N. W. Curtis
Vice President-Engineering & Construction

PENNSYLVANIA POWER & LIGHT COMPANY

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