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CURTIS,N.W. Pennsylvania Power & Light Co.
RECIP.NAME RECIPIENT AFFILIATION
SCHWENCER,A. Licensing Branch 2

SUBJECT: Responds to SER,Suppl 5,Item 3.11.1(1)(2) re nonsafety-related electrical equipment.Failure of nonsafety-related equipment unlikely due to classification under qualification program.

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

JUN 20 1983

Director of Nuclear Reactor Regulation
Attention: Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Licensing
U. S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
RESPONSE TO SER SUPPLEMENT 5
ITEM 3.11.1(1)(a)
ER 100450 FILE 843
PLA-1716

Docket No. 50-387
50-388

Dear Mr. Schwencer:

SER Supplement 5, Item 3.11.1(1)(a) requests a list of all nonsafety-related electrical equipment, located in a harsh environment, the failure of which under postulated environmental conditions could prevent satisfactory accomplishment of safety functions by safety-related equipment. The SSES design assures that no nonsafety-related electrical equipment could fail so as to prevent satisfactory accomplishment of safety functions by safety-related equipment. This is because any equipment, whose failure could affect safety equipment, is classified as safety related, and is, therefore, considered under the qualification program.

This position is based upon the SSES design criteria as described in FSAR Sections 3.12 and 8.1.6, which provide both electrical isolation and physical separation of safety and nonsafety-related equipment. These design criteria have been incorporated through the existing design control processes. Therefore, no special review for environmental qualification is necessary.

This letter constitutes our complete response to this item.

Very truly yours,

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

cc: R. L. Perch - NRC

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