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RECIP.NAME RECIPIENT AFFILIATION
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SEE RPT

SUBJECT: Forwards "Tech Spec for Fire Qualification Test of Protective Envelope Sys." Testing will be conducted at SWAI in San Antonio,TX during second wk of Aug 1982.

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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
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JUL 23 1982

Mr. A. Schwencer, Chief
Licensing Branch No. 2
Division of Project Management
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
FIRE QUALIFICATION TEST OF PROTECTIVE
ENVELOPE SYSTEM
ER 100450 FILE 841-2 Docket Nos. 50-387
PLA-1212 50-388

Dear Mr. Schwencer:

Pennsylvania Power and Light Company is planning to conduct testing of a protective enveloping system utilized to protect redundant essential cabling at the Susquehanna Steam Electric Station. The objective of this testing is to provide documented evidence that the envelope will satisfactorily withstand an American Society for Testing Materials (ASTM) E-119 (80) fire exposure and provide a one hour effective barrier in accordance American Nuclear Insurers/ Mutual Atomic Energy Reinsurance Pool acceptance rating by maintaining circuit integrity and continuity.

A copy of the test specification is enclosed. As discussed during a telephone conversation with your Mr. Randy Eberly, the specification is patterned after the specification utilized successfully by Texas Utilities Services, Inc. for similar testing conducted for enveloping material utilized at Comanche Peak Steam Electric Station. We are confident that this specification satisfies the requirements as stated in Licensing Condition (7) of the Susquehanna Operating License (NPF-14).

Testing will be conducted at Southwest Research Institute in San Antonio, Texas during the second week of August, 1982. Your observation of this testing is invited. Please contact either Mr. D. Kohn or Mr. W. W. Williams for details if you plan to attend.

Very truly yours,

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

B001

Attachment
cc: R. Perch
R. Eberly