PP&L Pennsylvania Power & Light Company
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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215 / 770-5381

APR 07 1982

Mr. R. Haynes
Director Region I
U.S. Nuclear Regulatory Commission
631 Park Avenue
King of Prussia, PA 19406

SUSQUEHANNA STEAM ELECTRIC STATION
IE BULLETIN 80-17
ER 100450 FILE 842-3
PLA-1038

Docket Nos. 50-387
50-388

References: 1) NRC memorandum, "BWR Scram Discharge System Safety Evaluation" dated December 1, 1980, Subsection 4.2.4.10 "Design Criterion 10" Page 51.

2) NRC memorandum "BWR Scram Discharge System Safety Evaluation" date December 1, 1980, Subsection 3.1.1.2 "Complex Vent and Drain Piping" Page 25.

3) PLA-770 "IE Bulletin 80-17 Supplement 1 and 2" dated May 26, 1981.

4) PLA-1023 "BWR Scram Discharge System" dated March 8, 1982.

Dear Mr. Haynes:

The following information is provided to revise PP&L's response to IE Bulletin 80-17, Supplement 2, "Failure of 76 of 185 Control Rods to Fully Insert During A Scram at a BWR."

The information being revised concerns Supplement 2, item 1, as stated on page 3 of PLA-770 dated May 26, 1981. PP&L is adding redundant Scram Discharge Volume (SDV) vent and Instrument Volume (IV) drain valves in series as recommended in reference one. IE B80-17 Supplement 2 requires a positive vent directly to building atmosphere without reliance on any component other than the vent valve. Further clarification as provided by reference two confines this requirement to plants having poor hydraulic coupling between the SDV and the IV. Susquehanna has a direct coupling configuration.

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Based on these two issues redundant valves have been installed and valve operators have been ordered. The operators are scheduled for delivery this September. PP&L is also attempting to locate appropriate operators prior to September for a more timely installation. The redundant valves will be mechanically locked open until the operators become available and are installed.

PP&L has also been made aware that the supporting electronics for the redundant Rod Block and the SDV Not Drained level switches and the pressure switch for the Low Pressure on Control Air Header are not available. We are attempting to locate these items for installation prior to fuel load but if they are unavailable they will be installed with the redundant level-sensing instrumentation as stated in reference four.

The final "as-built" drawings for Susquehanna's Control Rod Hydraulic Drive System are now available for review. These drawings reflect all the modifications incorporated into this system and supersede the drawings forwarded to you with PLA-770.

Very truly yours,

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

RJP/mks

cc: Director
Division of Reactor Operations Inspection
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Mr. G. G. Rhoads
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P.O. Box 52
Shickshinny, PA 18655

Mr. L. D. Narrow
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631 Park Avenue
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AFFIDAVIT

COMMONWEALTH OF PENNSYLVANIA)
: SS
COUNTY OF LEHIGH)

I, NORMAN W. CURTIS, being duly sworn according to law, state that I am Vice President, Engineering & Construction-Nuclear of Pennsylvania Power & Light Company and that the facts set forth on the attached response by Applicants to IE Bulletin 80-17 are true and correct to the best of my knowledge, information and belief.

N W Curtis

Norman W. Curtis
Vice President,
Engineering & Construction-Nuclear

Sworn to and subscribed
before me this 6th day
of ~~March 1980~~ April, 1982.

Martha C. Barto

Notary Public

MARTHA C. BARTO, Notary Public
Allentown, Lehigh County, Pa.
My Commission Expires Jan. 13, 1985

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