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

SUBJECT: Forwards application for amend to License NPF-22,changing Tech Spec Table 3.8.4.2.1 re motor-operated valves thermal overload protection.

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TITLE: OR Submittal: USI A-1 Steam Gen Feedwater Flow Instabl - Water Hammer

NOTES:1cy NMSS/FCAF/PM. LPDR 2cys Transcripts. 05000388
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[illegible] application [illegible] to license [illegible]
[illegible] Table 5 [illegible] values [illegible]
overlap [illegible] protection.

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Holley [illegible] 1958 [illegible]

[illegible]

PP&L Pennsylvania Power & Light Company
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Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215/770-7501

SEP 25 1984

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
PROPOSED AMENDMENT 9 TO LICENSE NPF-22
ER 100450 FILE 841-8
PLA-2321 Docket No. 50-388

Reference: PLA-1812, N. W. Curtis to T. E. Murley, dated Sept. 22, 1983.

Dear Mr. Schwencer:

Via the referenced letter, PP&L submitted its final report on a deficiency involving water hammer in the Emergency Service Water (ESW) system. As part of the modifications needed to support the corrective action described in that report, motor operated valves will be added on the ESW return lines from the Dx units.

The purpose of this letter is to propose changes to Table 3.8.4.2-1 in the Susquehanna SES Unit 2 Technical Specifications in order to support the subject modifications, which will be performed during the first refueling outage of Unit 1. Attachment A provides a mark-up of the Unit 2 changes.

In order to support ESW operability requirements during the Unit 1 first refueling outage, PP&L requests that this change be approved prior to the start of the outage, and that it be conditioned to become effective prior to startup following the outage. This will allow the needed flexibility to perform the modifications anytime during the outage without causing conflicts with the Technical Specifications.

NO SIGNIFICANT HAZARDS CONSIDERATIONS

I. The proposed change does not involve a significant increase in the probability or consequences of an accident previously evaluated. The addition of motor operated valves to the return lines of the Dx units does not create a single failure any more severe than the loss of one Dx unit. The other Dx unit can be used to cool the Emergency Switchgear and Load Center rooms.

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II. The proposed change does not create the possibility of a new or different kind of accident from any accident previously evaluated. See I above. Electrical separation is maintained for the modifications.

III. The proposed change does not involve a significant reduction in a margin of safety. The margin of safety will be improved due to the mitigation of water hammer in the ESW system. The proposed modifications do not affect the capability of ESW to function properly under normal or accident conditions.

Any questions on the proposed changes should be directed to Mr. R. Sgarro at (215) 770-7855. Pursuant to 10CFR170.22, the appropriate fees are enclosed.

Very truly yours,

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

Attachment

cc: R. L. Perch - USNRC

T. M. Gerusky, Director
Bureau of Radiation Protection
Pennsylvania Dept. of Environmental Resources
P.O. Box 2063
Harrisburg, PA 17120