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 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
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 CURTIS, N.W. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 SCHWENCER, A. Licensing Branch 2

SUBJECT: Submits addl info re proposed Amends 47 & 8 to Licenses
 NPF-14 & NPF-22, respectively, per request. Amends result from
 mods to add two 8-inch motor operated butterfly valves in
 Unit 1 reactor bldg in emergency svc water return lines.

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JAN 8 1985

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

SUSQUEHANNA STEAM ELECTRIC STATION
ADDITIONAL INFORMATION REQUESTED BY
NRC IN SUPPORT OF PROPOSED AMENDMENTS 47
TO LICENSE NPF-14 AND 8 TO LICENSE NPF-22
ER 100450 FILE 841-8
PLA-2386

Docket Nos. 50-387
50-388

Dear Mr. Schwencer:

The purpose of this letter is to provide additional information which was requested by NRC staff concerning our proposed Amendments 47 to License NPF-14 and 8 to License NPF-22. This letter supersedes our letter, PLA-2379 dated December 21, 1984.

As we have stated in our letter (PLA-2297 dated September 19, 1984), this proposed amendment is a result of the modifications to both Unit 1 and Unit 2 needed to support the corrective action described in the final report on a deficiency involving water hammer in the Emergency Service Water (ESW) system. The modifications involve adding two 8 inch motor operated butterfly valves (HV-08693A and B) in the Unit 1 reactor building in the ESW return lines from the control structure chillers. Since these 8 inch butterfly valves are used in support of the common control structure chillers, they are included in both the Unit 1 and Unit 2 Technical Specification Table 3.8.4.2-1. Also as part of these modifications, the motor operators from the ESW pump discharge valves (HV-01101A, B, C, D) will be removed.

The Unit 2 modifications (submitted as proposed Amendment 9 to License NPF-22) include the installation of two 4 inch motor operated butterfly valves (HV-21144A and B) in the ESW return lines from the direct-expansion (DX) units. The Unit 2 modifications are unique to Unit 2 and do not have to be added to the Unit 1 Technical Specifications.

The removal of the motor operators from the ESW pump discharge valves HV-01101A thru D) without the installation of the motor operated valves on the ESW return lines from the Unit 2 DX units has been analyzed and found acceptable.

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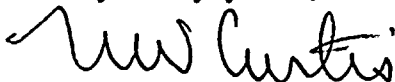
SSES PLA-2386
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Mr. A. Schwencer

Both the 8 inch and 4 inch butterfly valves are manufactured by Contromatics and are Seismic Category I. Contromatics butterfly valves are not used in other safety systems at Susquehanna SES. These valves have environmentally qualified Limitorque motor operators. The piping system was analyzed for the addition of the valves and operators and was appropriately supported. The installation of these valves will be in accordance with Section XI of the ASME Boiler and Pressure Vessel Code.

As we stated in our original submittal, we request that the Technical Specification change for the addition of the Unit 1 valves (HV-08693A and B) and the deletion of the motor operators from the ESW pump discharge valves (HV-01101A thru D) be approved prior to the start of the first refueling outage and be conditioned to become effective prior to startup following the first refueling outage.

The Technical Specification changes associated with Unit 2 should be approved as requested in our letter PLA-2356, dated November 12, 1984.

Very truly yours,



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

Enclosures

cc: M. J. Campagnone US NRC
R. H. Jacobs US NRC

