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 AUTH.NAME AUTHOR AFFILIATION
 BYRAM, R.G. Pennsylvania Power & Light Co.
 RECIPIENT NAME RECIPIENT AFFILIATION
 MILLER, C.L. Project Directorate I-2

SUBJECT: Informs of decision to defer implementation of Unit 1 mod to revise control strategy for HPCI suction transfer pending resolution of recently identified design issues. Util plans to perform review of design features for both units.

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Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101-1179 • 610/774-5151

Robert G. Byram
Senior Vice President—Nuclear
610/774-7502
Fax: 610/774-5019

OCT 11 1994

Director of Nuclear Reactor Regulation
Attention: Mr. C. L. Miller, Project Director
Project Directorate I-2
Division of Reactor Projects
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MANUAL CONTROL OF HPCI SUCTION TRANSFER
PLA-4196 FILES A30/A17-17/R41-2

Docket Nos. 50-387
and 50-388

- References: 1. Letter, PLA-3696, H.W. Keiser to C.L. Miller, "Submittal of the IPE Report", dated December 13, 1991.
2. Letter, PLA-3902, H.W. Keiser to C.L. Miller, "Individual Plant Evaluation, Supplemental Information", dated January 11, 1993.

Dear Mr. Miller:

This letter informs you of our decision to defer implementation of a Unit 1 modification to revise the control strategy for HPCI suction transfer pending resolution of recently identified design issues. This modification was based on the results of the Susquehanna IPE.

Our commitment in PLA-3902 was to install a bypass or manual override for the HPCI suction transfer during the upcoming Unit 1 and 2 RIO (the Unit 1 RIO is scheduled to begin March 1995) in order to ensure timely availability and alignment of HPCI for high pressure injection under severe accident scenarios which result in high suppression pool temperatures (>150°F). Since our commitment was made, we have been examining the removal of the transfer logic in its entirety as an alternative solution. This modification would preclude the need for operator action. Our evaluation of this design, however, has resulted in the late identification of additional challenges which must be addressed. Therefore, we have decided to place a hold on installation of a modification to permit a thorough review of all design features.

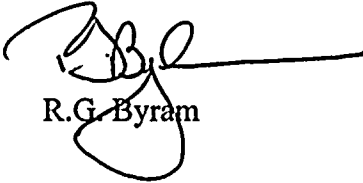
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It should be noted that the intended modification would address postulated severe accident events accompanied by high suppression pool temperature. For design basis events such as MSIV closure, both units have been modified to ensure HPCI availability in the pressure-control mode (CST to CST configuration) by allowing the HPCI high suppression pool level automatic suction transfer only when HPCI is injecting to the vessel.

Our current plan on both units is to perform a thorough review of all design features and assure that the proposed modification will address all requirements including postulated severe accident concerns. Should you have any questions, please contact Mr. W.W. Williams at (610) 774-5610.

Very truly yours,



R.G. Byram

cc: NRC Document Control Desk (original)
NRC Region I
Ms. M. Banerjee, NRC Sr. Resident Inspector - SSES
Mr. C. Poslusny, Jr., NRC Sr. Project Manager - OWFN