50-387

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

April 29, 1996

Mr. Robert G. Byram
Senior Vice President-Nuclear
Pennsylvania Power and Light
Company
2 North Ninth Street
Allentown, PA 18101

SUBJECT: STAFF APPROVAL OF TEMPORARY NON-CODE REPAIRS TO THE REACTOR WATER CLEANUP SYSTEM HEAT EXCHANGER FOR SUSQUEHANNA STEAM ELECTRIC STATION, UNIT 1 (TAC NO. M95213)

Dear Mr. Byram:

In a letter to NRC dated April 23, 1996, you requested relief from performing ASME Code Section XI repairs on the Susquehanna Steam Electric Station, Unit 1, Reactor Water Cleanup System (RWCS) Regenerative Heat Exchanger in accordance with 10 CFR 50.55a(g)(6)(i). The justification was that a Code repair would result in a duration of RWCS inoperability that would result in reduced reactor coolant quality and a plant shutdown based on Technical Specification chemistry limits. As discussed in the enclosed Safety Evaluation, the staff has found that the requirements of the code are impractical and the temporary non-ASME Code repair is acceptable provided you complete the permanent Code repair during the next scheduled refueling outage beginning September 1996, a structural integrity assessment, and a root cause analysis. NRC should also be informed if the stress assessment results or the root cause findings deviate from your current assessment.

The relief granted is authorized by law and will not endanger life or property or the common defense and security and is otherwise in the public interest giving due consideration to the burden upon the licensee that could result if the requirements were imposed on the facility.

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If you have any questions regarding this evaluation and approval, please contact Chester Poslusny, the Susquehanna Project Manager, at (301) 415-1402.

Sincerely,

original signed by L.Olshan for C.Poslusny

John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

Docket No. 50-387

Enclosure: As stated

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Sincerely,

for

John F. Stolz, Director
Project Directorate I-2
Division of Reactor Projects - I/II
Office of Nuclear Reactor Regulation

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