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ACCESSION NBR: 9403150416 DOC. DATE: 94/03/08 NOTARIZED: NO DOCKET #
 FACIL: 50-387 Susquehanna Steam Electric Station, Unit 1, Pennsylv 05000387
 50-388 Susquehanna Steam Electric Station, Unit 2, Pennsylv 05000388
 AUTH. NAME AUTHOR AFFILIATION
 BYRAM, R.G. Pennsylvania Power & Light Co.
 RECIP. NAME RECIPIENT AFFILIATION
 MILLER, C.L. Project Directorate I-2

SUBJECT: Requests approval to use recently endorsed ASME Code Case, at SSES, for drain valve replacements on reactor recirculation sys of both units.

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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
REQUEST TO USE ASME CODE CASE N-416-1
PLA-4101 **FILE R41-2**

Docket Nos. 50-387
and 50-388

Dear Mr. Miller:

The purpose of this letter is to request approval to use a recently endorsed ASME Code Case at Susquehanna SES for drain valve replacements on the Reactor Recirculation System of both units. These replacements are scheduled to begin in the Unit 2 Sixth Refueling and Inspection Outage which is to start on March 12, 1994. The particular Code Case is:

N-416-1 Alternative Pressure Test Requirement for
Welded Repairs or Installation of Replacement
Items by Welding

Since this code case is not listed with the approved code cases in the latest edition of Regulatory Guide 1.147, we are requesting approval to use this code case. The governing ASME Section XI Edition for Susquehanna SES Unit 2 is the 1980 Edition, Winter 1981 addendum.

Code Case N-416-1 provides for the utilization of a system leakage test in lieu of performing a hydrostatic pressure test when performing valve replacements via welding. In conjunction with this system leakage test, NDE (volumetric) is also required to be performed as well as performing a visual VT-2 exam.

The reason for this request is that performance of a hydrostatic pressure test following the drain valve replacements on the Reactor Recirculation System will compromise the integrity of the Reactor Recirculation Pump Mechanical Seals and will require unscheduled seal replacements. Utilization of this Code Case will preclude the need to perform a hydrostatic pressure test and will therefore maintain the integrity of the existing pump seals. The attached drawing shows the location of these valves.

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Please provide your approval by April 1, 1994. Our current plans include the drain valve replacement during the Unit 2 Sixth Refueling and Inspection Outage which is to begin on March 12, 1994. If we do not receive your approval, the drain valve replacement will be scheduled for a later outage to coincide with the replacement of the Recirculation Pump Mechanical Seal.

If you have any questions, please contact Mr. C. T. Coddington at (610) 774-7915.

Very truly yours,



R. G. Byram

Attachment

cc: NRC Document Control Desk (original)
NRC Region I
Mr. G. S. Barber, NRC Senior Resident Inspector
Mr. R. J. Clark, Senior Project Manager