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

SUBJECT: Requests relief from performance of hydrostatic test during percommercial outage.Liquid penetrant exam or radiographic exam will be performed to establish integrity of weld. Requests acceptance by 841214.Fee paid.

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PP&L Pennsylvania Power & Light Company
Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

Norman W. Curtis
Vice President-Engineering & Construction-Nuclear
215/770-7501

NOV 0 2 1984

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
RELIEF REQUEST
ER 100508 FILE 841-2
PLA-2345 Docket No. 50-388

Dear Mr. Schwencer:

During the Susquehanna SES Unit 2 Nov.-Dec. 1984 precommercial outage, Pennsylvania Power & Light Company intends to make a cut in an ASME Class 2 non-safety-related main steam drip leg drain line to remove a suspected blockage in the line and then reweld the line. Under ASME Section XI, a 1.25 X Design Pressure hydrostatic test is required following the repair.

The hydrostatic test for the 1½" weld will involve removal of main steam relief valves (since the MSIV's cannot be used for isolation on the outboard side), pressurizing the reactor vessel, and pressurizing against a turbine stop valve which, if it leaks, could allow water into the HP turbine.

Since isolation of the ASME Class 2 drain line from the primary system is not feasible, PP&L requests relief from the performance of a hydrostatic test during the precommercial outage. The weld is included in the Susquehanna SES ISI plan but, as previously stated, it is classified as non-safety-related.

To establish the integrity of the weld, PP&L will perform a liquid penetrant exam if the repair weld is a socket weld or, a radiographic exam if a full penetration weld is performed. In addition, a VT-2 examination will be performed at normal operating conditions when the line is returned to service. Finally, a VT-2 examination of the weld will again be performed during the first scheduled ISI hydrostatic test for the line.

The above approach is consistent with the requirements of ASME Code Case N-416 which has been approved by the main committee but has not yet been issued.

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Please provide your acceptance by December 14, 1984.

Pursuant to 10CFR170.22 the appropriate fee is enclosed.

Very truly yours,

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

Enclosure

cc: R. H. Jacobs USNRC
R. L. Perch USNRC