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 RECIP. NAME: SCHWENCER, A. RECIPIENT AFFILIATION: Licensing Branch '2

SUBJECT: Concludes that block walls do not need fixing, per FSAR, Question 130.27 & SER Item 13. Calculated design stresses have been combined by SRSS method instead of absolute summation as previously done.

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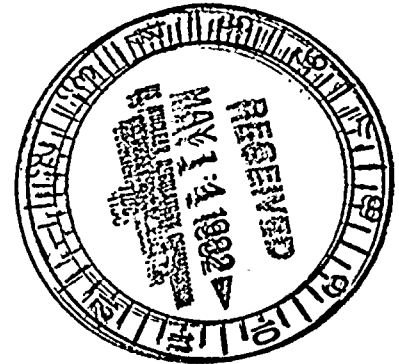
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MAY 12 1982

Mr. A. Schwencer, Chief
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U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
MASONRY WALLS SER ITEM #13
ER 100450 FILE 841-2
PLA-1088

Docket Nos. 50-387
50-388

Dear Mr. Schwencer:

In our earlier evaluation of block walls, Pennsylvania Power & Light Company had considered a 33% increase in allowable stresses under an OBE. However, interim criteria by the NRC Structural Engineering Branch does not allow this increase. For resolving FSAR Question 130.27, this item was discussed with the Structural Engineering Branch in various telecons and also in a meeting in Bethesda, MD. In the meeting, we had stated that assuming no increase in the allowable load may result in fixing a total of four walls (maximum). We have now completed our re-evaluation of these walls, considering Phase III loading also, and our conclusion is that none of these walls need fixing.

In this respect, please note that the calculated design stresses have been combined by the SRSS method instead of the absolute summation, as was done previously.

This letter closes SER item #13.

If you have any questions, please contact us.

Very truly yours,

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

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