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 SCHWENCER, A. Licensing Branch 2

SUBJECT: Informs that revised seismic response spectra, resulting from recent vertical dynamical model assessment, will be incorporated in design work specs by encl of 1982.

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July 2, 1982

Mr. A. Schwencer, Chief
Licensing Branch No., 2
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

SUSQUEHANNA STEAM ELECTRIC STATION
RESPONSE TO NRC CONCERNS ON REVISED RESPONSE SPECTRA
ER 100450 FILE 841-2
PLA-1159

Docket Nos. 50-387
388

Dear Mr. Schwencer:

The following information is provided in response to recent NRC concerns about the revised seismic response spectra. Piping system frequencies were reviewed against frequencies that had higher "g" loadings. Piping systems having fundamental frequencies in the vertical direction at or near the new peak accelerations were analyzed. All systems that were not analyzed, were determined not to have significant vertical mode frequencies at the new peak accelerations.

PP&L will commit to applying the revised response spectra, generated as a result of the recent vertical dynamical model assessment, to future design for Susquehanna. It will take several months to revise the specifications for design work to include the new response spectra. Once this is accomplished, design work will be performed in accordance with these revised specifications. We anticipate this will occur before the end of 1982.

Very truly yours,

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

DPM

cc: R.L. Perch - NRC

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