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

SUBJECT: Commits to resolve SER Outstanding Issue 29. Hydrodynamic mass constant (K) of 2 will be used for calculating all submerged structure drag loads due to LOCA steam condensation. Results of studies will be transmitted.

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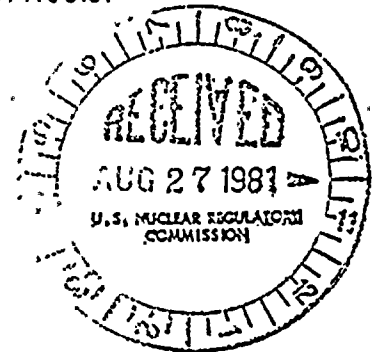


Pennsylvania Power & Light Company

Two North Ninth Street • Allentown, PA 18101 • 215 / 770-5151

August 24, 1981

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



SUSQUEHANNA STEAM ELECTRIC STATION

SER OUTSTANDING ISSUE 29

ER 100450

FILE 841-2

Docket Nos.: 50-387

PLA-917

50-388

Reference: PLA - 885

Dear Mr. Schwencer:

In the referenced letter, PP&L agreed to performing a series of sensitivity studies to determine the appropriate plant specific values for the hydrodynamic mass constant (K) to be used in calculating the submerged structure drag loads due to LOCA steam condensation.

Based on our assessment of the results of these studies, we will be using a hydrodynamic mass constant (K) of 2 for calculating all submerged structure drag loads due to LOCA steam condensation. The results of these studies will be formally transmitted to you in the near future.

We understand this commitment will close SER Outstanding Issue 29.

Very truly yours,

N. W. Curtis

Vice President- Engineering & Construction -Nuclear

PAF/DFR/jaa

cc: E. B. Poser Bechtel  
J. A. Weyandt Bechtel

Boal  
9/1/0