

November 16, 1977

Mr. Victor Stello, Jr., Director  
Division of Operating Reactors  
Office of Nuclear Reactor Regulation  
U.S. Nuclear Regulatory Commission  
Washington, D. C. 20555

Subject: Final Draft Report - Hydrodynamic/Structural Interaction in the  
Mark I BWR Pressure Suppression System.  
(B&R 20 19 04 02 FIN A0208)

Dear Mr. Stello:

Enclosed is a draft final report covering FY77 activities entitled  
"Effect of Torus Wall Flexibility on Forces in the Mark I BWR Pressure  
Suppression System - Part I." This describes the progress to date in  
our study and quantification of the subject interaction effects. We  
look forward to your organization's written comments. The finished  
report will be sent approximately seven weeks after receipt of your  
review.

Sincerely,

*E. W. McCauley*  
E. W. McCauley

Thermo Fluid Mechanics  
Nuclear Test Engineering Division

*R. W. Martin*

R. W. Martin  
Nuclear Systems Group  
Nuclear Test Engineering Division

EWM:RWM:sac

cc: with appendices  
B. D. Liaw, DOR

cc: without appendices  
D. Eisenhut, DOR  
L. C. Shao, DOR  
R. J. Stuart, DOR  
J. T. Telford, DOR  
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