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August 15, 1979
LD-79-047

Mr. Richard P. Denise, Acting Assistant
Director for Reactor Safety
Division of Systems Safety
U. S. Nuclear Regulatory Commission
Washington, D. C. 20555

Subject: Hydraulic Oscillations in the Semiscale Mod-3 System

Reference: NRC letter, R. P. Denise to A. E. Scherer, dated
July 13, 1979.

Dear Mr. Denise:

In the referenced letter, concern was expressed that hydraulic instabilities observed in the Semiscale Mod-3 (S-07-6) LOCA test could occur in prototypic PWRs. In that letter we were requested to show that our ECCS model properly accounts for the factors which influence this oscillatory phenomenon. We anticipate that our response to this concern will be completed within the next month.

If you have any further questions on our schedule, please feel free to contact me or Ms. J. M. Cicerchia of my staff at (203)688-1911, ext. 2595.

Very truly yours,

COMBUSTION ENGINEERING, INC.

A. E. Scherer
for A. E. Scherer
Licensing Manager

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