

Babcock & Wilcox

Power Generation Group

P.O. Box 1260, Lynchburg, Va. 24505

Telephone: (804) 384-5111

October 9, 1979

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

Subject: Analysis Prediction For Semiscale Test S-07-10B

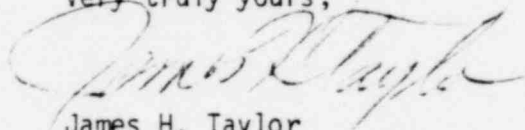
Dear Mr. Denise:

Attached is B&W's prediction for Semiscale Test S-07-10B. B&W has grave reservations as to the usefulness of this analysis as a result of the concerns expressed within. One of these concerns is the lack of information concerning the secondary blowdown of the broken loop as a result of the failure of a valve to close.

B&W did not calculate sufficient depressurization to initiate the ECC systems at the prescribed pressure. As a result of this problem and the concerns mentioned above, we did not calculate the reactor vessel refill nor did we calculate any peak temperatures for the electrical rods.

If you have questions, please call me or Henry Bailey (Ext. 2678) of my Staff.

Very truly yours,



James H. Taylor
Manager, Licensing

JHT:dsf

Encl.

cc: R. B. Borsum (B&W)

1143 236

7910150

589

B

6002
S/11