

Babcock & Wilcox

Power Generation Group

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November 20, 1979

Dr. Denwood F. Ross, Jr.
Deputy Director
Division of Project Management
Office of Nuclear Reactor Regulation
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Subject: LOFT L3-1 Pre-test Prediction

Dear Dr. Ross:

On November 20, 1979, Mr. Paul Norian of the NRC Staff was briefed at B&W's offices in Lynchburg on the status of the LOFT L3-1 Prediction. The purpose of this briefing was to provide Mr. Norian with sufficient information to form the basis for B&W's pre-test prediction of L3-1 and also allow him to easily recognize any future change to B&W's LOFT L3-1 calculational model.

The following information to be used in the L3-1 Analysis was provided to Mr. Norian:

- a) A basic description of the CRAFT 2 Model.
- b) LOFT Nodal diagram.
- c) CRAFT 2 Input Listing.
- d) Selected CRAFT 2 Output plots.
- e) Microfiche film of Preliminary CRAFT 2 Output for 750 sec into the L3-1 experiment.

B&W plans to submit the complete analysis of LOFT L3-1 in early 1980. Items a, b, c and d are included herein for your information. The minutes of our meeting with Mr. Norian are also included herein for your information.

Very truly yours,

James H. Taylor
James H. Taylor
Manager, Licensing

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

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