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August 1, 1979

Dr. R. J. Mattson, Director Division of Systems Safety Office of Nuclear Reactor Regulation U.S. Nuclear Regulatory Commission Washington, D.C. 20555

Subject: Auxiliary Feedwater Flow Rate Sensitivity Study

Reference: J. H. Taylor to R. J. Mattson, Babcock and Wilcox

Company's Commitments, April 30, 1979

Dear Dr. Mattson:

Enclosed is a report entitled, "Auxiliary Feedwater Flow Rate Following a Loss of Main Feedwater (177 FA Plants)." The purpose of the analysis in this report is to evaluate the response of the B&W 177 fuel assembly plants to a spectrum of auxiliary feedwater flow rates following a loss of main feedwater. Please note that this completes commitment III.D. of the referenced letter.

If you have any questions, please call.

Very truly yours,

James H. Taylor Manager, Licensing

JHT:dsf Enclosure

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

T. H. Novak (NRC)

Z. R. Rosztoczy (NRC)

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