

August 16, 1979

Dr. D. F. Ross, Jr., Director  
Bulletins and Orders Task Force  
Office of Nuclear Reactor Regulation  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

Subject: Auxiliary Feedwater System (AFWS) Reliability  
Analyses for the B&W Plants

Dear Dr. Ross:

As part of the B&W's Owners' Group/NRC meeting of Thursday August 9, 1979, the scope and schedule for the subject analyses were presented. The analysis presented provided a level of detail that would be useful to each B&W Owner in assessing the impact of proposed changes on overall AFWS reliability. Although no technical problems surfaced at the meeting, the schedule (report to the NRC on February 22, 1980) did not satisfy the needs of the NRC.

A separate discussion with members of your staff clarified the simplifying assumptions used in the NRC report (not yet published) on the reliability of the Westinghouse and Combustion Engineering AFWS. Using these simplifying assumptions and modifying the program will allow the B&W Utilities to send the results to the NRC on an accelerated schedule, as follows:

1. Discuss results of the reliability analysis of the first B&W plant (Rancho Seco) with the NRC.  
August 30, 1979
2. Issue draft report of the Rancho Seco analysis to the NRC. September 17, 1979
3. Issue draft reports to the NRC for the remaining B&W plants (as they are completed) October 22, 1979
4. Issue a final comparative report for all plants.  
December 3, 1979

This schedule was discussed with members of your staff on August 9, 1979. The following B&W Owners have agreed that B&W will perform this work:

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Babcock & Wilcox

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Duke Power  
Arkansas Power & Light  
Florida Power  
Toledo Edison  
Metropolitan Edison  
Sacramento Municipal Utility District

We are proceeding to obtain the necessary plant specific information from the utilities. If you have any questions please contact either Edward R. Kane (Ext. 3740) of my staff or me.

Very truly yours



J. H. Taylor  
Manager, Licensing

JHT/fw

cc: (all utilities on subcommittee list)  
R. A. Capra, NRC  
R. B. Borsum, B&W-Bethesda

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