



UNITED STATES  
NUCLEAR REGULATORY COMMISSION  
WASHINGTON, D. C. 20555

NRC PDR

SEP 25 1979

Mr. James H. Taylor  
Manager, Licensing  
Babcock & Wilcox Company  
Nuclear Power Generation  
P. O. Box 1260  
Lynchburg, Virginia 24505

Dear Mr. Taylor:

SUBJECT: EVALUATION OF BAW-10118

We have completed our evaluation of Babcock & Wilcox Topical Report BAW-10118, "Core Computational Techniques and Procedures". We have determined that BAW-10118 is acceptable for reference to describe the calculational procedures used for the analyses of rod worths, reactivity coefficients, and power peaking in core design. A summary of our evaluation is enclosed.

If our criteria or regulations change, such that our conclusions concerning BAW-10118 are invalidated, we will notify you and provide you with an opportunity to revise and, if you desire, resubmit this report for our review.

We request, that within three months, you issue a revised version of BAW-10118 incorporating this letter and your responses to our requests for additional information.

Sincerely,

A handwritten signature in cursive script that reads "L. S. Rubenstein".

L. S. Rubenstein, Acting Chief  
Light Water Reactors Branch No. 4  
Division of Project Management

Enclosure:  
As stated

cc: Mr. Robert B. Borsum  
Babcock & Wilcox Company  
7735 Old Georgetown Road  
Bethesda, Maryland 20014

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