



Tennessee Valley Authority, Post Office Box 2000, Soddy-Daisy, Tennessee 37379-2000

September 5, 1995

U.S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, D.C. 20555

Gentlemen:

In the Matter of
Tennessee Valley Authority

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Docket Nos. 50-327
50-328

SEQUOYAH NUCLEAR PLANT (SQN) - USE OF BABCOCK AND WILCOX (B&W)
ANALYSIS METHODOLOGY TOPICAL REPORTS FOR FUEL CONVERSION

The purpose of this letter is to inform NRC of TVA's need to have the review and approval of B&W topical reports completed to support the implementation of SQN's conversion to B&W fuel during the Cycle 9 core loads. TVA met with NRC on December 7, 1994, in Rockville, Maryland to discuss TVA's schedule for conversion to B&W fuel. This schedule included the submittal of a SQN specific topical report, prepared by B&W, to NRC by March 1996. This schedule required B&W to complete the report and provide it to TVA by December 1995. The analysis work being performed by B&W is based upon methodologies which have either been approved by NRC or are under active NRC review. The methodologies that have not been formally approved by NRC are contained in the following B&W topical reports:

<u>Topical Report No.</u>	<u>Title</u>
BAW-10168P, Revision 02	BWNT Loss-of-Coolant Accident Evaluation Model for Recirculating Steam Generator Plants - Small Break
BAW-10159P-A*	BWCMV Correlation of Critical Heat Flux in Mixing Vane Grid Fuel Assemblies

* Base methodology has been approved by NRC. Extension of base methodology to Westinghouse Electric Corporation V5H fuel assemblies is under NRC review.

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U.S. Nuclear Regulatory Commission
Page 2
September 5, 1995

In letters to NRC dated April 24 and July 3, 1995, B&W has requested NRC to complete review and approval of the methodologies contained within these topicals in December 1995, to correspond with completion of the SQN fuel transition analysis. TVA also requests NRC to perform the review and approvals by the dates requested by B&W to ensure the license amendment process, associated with the fuel conversion effort, will remain on the schedule presented to NRC.

Please direct questions concerning this issue to Keith Weller at (615) 843-7527.

Sincerely,



R. H. Shell
Manager
SQN Site Licensing

cc: Mr. D. E. LaBarge, Project Manager
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