



Tennessee Valley Authority, 1101 Market Street, Chattanooga, Tennessee 37402-2801

OCT 05 2000

U.S. Nuclear Regulatory Commission  
ATTN: Document Control Desk  
Washington, D.C. 20555-0001

10CFR50.4

Gentlemen:

In the Matter of	)	Docket Nos. 50-327
Tennessee Valley Authority	)	50-328
		50-390

SEQUOYAH AND WATTS BAR NUCLEAR PLANTS - TRITIUM PROGRAM -  
LOCTA\_JR CODE - INTERFACE ITEM 16

On June 23, 2000, TVA provided Westinghouse's LOCTA\_JR code for NRC review which had been requested in the NRC Safety Evaluation Report (Interface Item 16) regarding tritium production. This submittal provides a revision to the proprietary version and a non-proprietary version of that code for public disclosure use. Revision 1 of the proprietary version identifies the proprietary information and corrects some typographical errors and/or clarifies information as indicated by the revision bars on pages 2-3, 3-2, and 3-4.

Enclosure 1 provides the proprietary version of WCAP-15409, Revision 1, "Description of the Westinghouse LOCTA\_JR 1-D Heat Conduction Code for LOCA Analysis for Fuel Rods," September 2000. It contains information proprietary to Westinghouse Electric Company LLC, the owner of the information. Enclosure 2 contains the Westinghouse affidavit and the Westinghouse authorization letter, CAW-00-1417, Proprietary Information Notice, and Copyright Notice.

The affidavit sets forth the basis on which the information may be withheld from public disclosure by the Commission and addresses, with specificity, the considerations listed in

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paragraph (b) (4) of 10 CFR Section 2.790 of the Commission's regulations. Accordingly, we request that the information which is proprietary to Westinghouse be withheld from public disclosure in accordance with 10 CFR Section 2.790 of the Commission's regulations.

Correspondence with respect to the copyright or proprietary aspects of the items listed above or the supporting Westinghouse affidavit should reference CAW-00-1417 and should be addressed to H. A. Sepp, Manager of Regulatory and Licensing Engineering, Westinghouse Electric Company, P.O. Box 355, Pittsburgh, Pennsylvania 15230-0355.

Enclosure 3 provides the non-proprietary version of WCAP-15578, Revision 0, "Description of the Westinghouse LOCTA\_JR 1-D Heat Conduction Code for LOCA Analysis for Fuel Rods," September 2000.

As stated in our June 23 letter, TVA and Westinghouse are planning to use the LOCTA\_JR code to support the license amendment request for tritium production in Watts Bar Unit 1 and Sequoyah Units 1 and 2, which are currently planned to be submitted in early 2001.

If you should have any questions, please contact Rickey Stockton at (423) 365-1818.

Sincerely,



Mark J. Burzynski  
Manager  
Nuclear Licensing

Enclosures

cc: See page 3

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cc (Enclosures):

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ENCLOSURE 2  
WESTINGHOUSE LETTER CAW-00-1417