

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

OCT 24 1990

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

Gentlemen:

In the Matter of the Application of) Docket Nos. 50-390
Tennessee Valley Authority) 50-391

WATTS BAR NUCLEAR PLANT (WBN) UNIT 1 - AMERICAN SOCIETY OF MECHANICAL
ENGINEERS (ASME) SECTION III AND SECTION XI REQUIREMENTS FOR WELDING ACTIVITIES

The Nuclear Regulatory Commission (NRC) position provided in a July 2, 1987 letter to TVA stated that welding activities at WBN should be performed to the Construction Code of Record, ASME Section III - 1971 Edition through Summer 1973 Addenda. To comply with the NRC position, TVA realigned the WBN welding program to require that welding activities affecting ASME code systems be performed in accordance with the Construction Code of Record.

Following WBN completion of design evaluations, modifications, repairs and successful prestart testing, systems are being turned over to the Operations department. TVA is proposing that when the requirements of the construction code for welding activities have been satisfied, including supplements to the N-5 data packages and system acceptance by operations, any future welding activities affecting the system be completed to the requirements of ASME Section XI.

This process would allow TVA to transition from Section III welding activity requirements that apply during the construction phase of the plant to Section XI for the operating phase of the plant. TVA requests NRC approval of this approach for transitioning to ASME Section XI requirements.

If there are any questions, please telephone P. L. Pace at (615) 365-1824.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

R. H. Shell
for E. G. Wallace, Manager
Nuclear Licensing and
Regulatory Affairs

9010310005 901024
PDR ADOCK 05000390
A PDC

cc: See page 2

A047
110

U.S. Nuclear Regulatory Commission

OCT 24 1990

cc: Ms. S. C. Black, Deputy Director
Project Directorate II-4
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

NRC Resident Inspector
Watts Bar Nuclear Plant
P.O. Box 700
Spring City, Tennessee 37381

Mr. P. S. Tam, Senior Project Manager
U. S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

Mr. B. A. Wilson, Project Chief
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323