

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

SEP 28 1990

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

Gentlemen:

In the Matter of the Application of) Docket No. 50-390
Tennessee Valley Authority)

WATTS BAR NUCLEAR PLANT (WBN) UNIT 1 - 20 PERCENT COMPLETION OF SAFETY-RELATED ELECTRICAL, INSTRUMENTATION AND CONTROL, AND MECHANICAL/NUCLEAR CALCULATIONS

The purpose of this submittal is to notify NRC that TVA has completed at least 20 percent of the required safety-related calculations for the electrical power, instrumentation and controls, and mechanical/nuclear discipline calculation programs. Although the number of calculations in this population is not yet finalized, as of this date, 828 calculations have been completed from an approximate total population of 1327. Completed in this context means that no additional open items remain on these calculations. TVA has reviewed all of the open items related to the calculation program for these disciplines.

This information was requested by the Region II staff as prerequisite for the calculation program inspection. A list of completed calculations is available at the WBN site for NRC review.

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

cc: See page 2

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U.S. Nuclear Regulatory Commission

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