

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

JUN 29 1990

WBRD-50-390/87-09
WBRD-50-391/87-09

10 CFR 50.55(e)

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

Gentlemen:

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

WATTS BAR NUCLEAR PLANT (WBN) UNITS 1 AND 2 - SAFETY-RELATED HEATING,
VENTILATING, AND AIR CONDITIONING (HVAC) DUCT WELDING SUPPLEMENTAL RESPONSE
TO WBRD-50-390/87-09 AND WBRD-50-391/87-09 FINAL REPORT

The subject final report was submitted to NRC on March 1, 1990. On May 31, 1990, a meeting on this subject was held in Rockville, Maryland, between the NRC staff and representatives of TVA. The purpose of the meeting was to provide NRC with additional information regarding how TVA determined structural adequacy of HVAC welding at WBN. As a result of this meeting, TVA committed to supplement the 50.55(e) final report on this subject. This supplement documents the results of the weld coupon tests performed by TVA and the Aptech evaluation of these results. Also included is the plan for functional testing and the design criteria for the subject HVAC systems. This supplement contains no new commitments.

Enclosure 1 - Plan for Functional Testing of HVAC Duct

Enclosure 2 - Aptech Evaluation Report including TVA weld coupon test results.

Enclosure 3 - Design Criteria for HVAC Duct including Design Change Notice (DCN) S-10756-A.

If there are any questions, please telephone R. J. Stevens at (615) 365-8650

Very truly yours,

TENNESSEE VALLEY AUTHORITY

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

9007120321 900629
FDR ADDCK 05000390
S PDC

Enclosures
cc: See page 29

*Copy right
Material released
for Peter Tam
7/10/90* *TEF 27*

U.S. Nuclear Regulatory Commission

JUN 29 1990

cc (Enclosures):

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