

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

5N 157B Lookout Place

MAY 05 1988

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 - VENDOR WELD REVIEW

In our December 5, 1986 submittal to Harold R. Denton responding to NRC letters dated July 24 and October 14, 1986, TVA committed to perform a review of vendor welds by April 1987. Subsequent to that, because of limited resources, a new schedule was developed with a planned completion date of April 1, 1988.

The purpose of this report is to provide NRC with the current status of the WBN vendor welding evaluation program and to notify you of a further extension of the planned completion date from April 1, 1988 to December 30, 1988.

An inspection plan has been implemented by TVA which provides the steps necessary to evaluate vendor-welded components. Under the direction of the site quality manager, various indicators have been reviewed to identify adverse trends by specific vendors. Those trends have been further analyzed to determine the possible generic applicability of deficient vendor welds. These evaluations have been grouped into categories to take advantage of previous reinspections. These categories range from no previous generic review to previous evaluation of all welding within a particular contract.

TVA has been able to determine from the information compiled that further representative evaluation is needed for those vendor components which had previously been identified as having weld deficiencies, but had no generic evaluation performed. More evaluation is necessary where only similar or identical welds within the same component were previously evaluated. The objective of such further evaluation is to either confirm that previous actions are sufficient to resolve WBN vendor weld quality questions or to identify the scope of vendor welds which still need corrective action.

The WBN vendor weld evaluation program is approximately 26 percent complete. The following vendors are currently being addressed:

Dravo
Masoneilan
Pittsburgh-Des Moines
Chicago Bridge & Iron
Tube Turns
Stearn-Roger

Yuba Heat Transfer Corp.
Westinghouse Accumulator Tanks
Opeilaka Tank Co.
Julius Mock & Son
WRD-NTD (Master Craftsmen Inc.)

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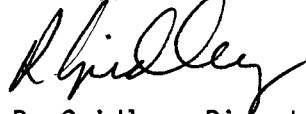
The first step of identifying and reviewing the quality indicators and identifying the applicable vendors has been completed. The remaining steps of performing inspections and assessing inspection results, along with nonconformance dispositions and root cause analyses, are ongoing. Following the completion of this inspection program, TVA will generate a final report detailing the results. The currently planned completion date for the WBN vendor weld review program final report is December 30, 1988.

Glenn Walton, NRC, was notified of the extended schedule on April 1, 1988. Raj Auluck, NRC, was notified on April 12, 1988.

If there are any questions, please telephone C. J. Riedl at (615) 365-8527.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



R. Gridley, Director
Nuclear Licensing and
Regulatory Affairs

cc: Mr. K. P. Barr, Acting Assistant Director
for Inspection Programs
TVA Projects Division
U.S. Nuclear Regulatory Commission
Region II
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Mr. G. G. Zech, Assistant Director
for Projects
TVA Projects Division
U.S. Nuclear Regulatory Commission
One White Flint, North
11555 Rockville Pike
Rockville, Maryland 20852

U.S. Nuclear Regulatory Commission
Watts Bar Resident Inspector
P.O. Box 700
Spring City, Tennessee 37381