

**TENNESSEE VALLEY AUTHORITY**

CHATTANOOGA, TENNESSEE 37401

231878 Lookout Place

January 30, 1986

WBRO-50-390/85-33

WBRO-50-391/85-32

U.S. Nuclear Regulatory Commission

Region II

Attn: Dr. J. Nelson Grace, Regional Administrator

101 Marietta Street, NW, Suite 2900

Atlanta, Georgia 30323

Dear Dr. Grace:

**WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - POTENTIALLY EXCESSIVE INDICATION  
ERRORS IN RVLIS - WBRO-50-390/85-33, WBRO-50-391/85-32 - SUPPLEMENTAL FINAL  
REPORT**

The subject deficiency was initially reported to NRC-DIE Inspector  
Al Ignatonis on August 23, 1985 in accordance with 10 CFR 50.55(e) as  
NCR WBN NEB 8508 RI. Our final report was submitted on September 20, 1985.  
Below is our supplemental final report. We consider 10 CFR Part 21 applicable  
to this deficiency.

In our final report, TVA committed to perform modifications to restore the  
Reactor Vessel Level Indication System (RVLIS) accuracy to  $\pm 6$  percent. These  
modifications are to be implemented by Westinghouse Field Change Notices  
(FCNs) WATM-107458 (unit 1) and WBTM-107178 (unit 2) and were scheduled to be  
completed by November 30, 1985 and May 30, 1986 respectively. However, FCN  
approval for rework was not received until November 19, 1985. This did not  
allow sufficient time to accomplish the necessary work by the initial  
commitment date for unit 1. As explained in the final report, no action based  
on RVLIS readings will be performed until after the first refueling outage for  
unit 1. Therefore, these modifications will be completed by the end of the  
first refueling outage for unit 1 and by initial fuel load for unit 2. This  
is commensurate with the operational needs and modification/construction  
schedules for the respective units.

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PDR ADOCK 05000370  
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U.S. Nuclear Regulatory Commission

January 30, 1986

If you have any questions concerning this matter, please get in touch with R. H. Shell at FTS 858-2688.

Very truly yours.

TENNESSEE VALLEY AUTHORITY

  
R. L. Gridley  
Manager of Licensing

cc: Mr. James Taylor, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Washington, D.C. 20555

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Institute of Nuclear Power Operations  
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