



Tennessee Valley Authority, Post Office Box 2000, Spring City, Tennessee 37381-2000

William J. Museler  
Site Vice President, Watts Bar Nuclear Plant

**SEP 01 1993**

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) - CRACKS DETECTED ON THE AUXILIARY INSTRUMENT  
AND CONTROL PANELS - PROBLEM EVALUATION REPORT WBPEN 930190 - INTERIM REPORT

The purpose of this letter is to notify NRC that additional time is required to determine whether the deficiencies described in the subject PER could have created a substantial safety hazard, if left uncorrected. This letter is being submitted under the requirements of 10 CFR 50.55(e)(1)(ii).

WBPEN930190 documents a concern with the Auxiliary Instrument and Control Panels. While performing welds on panels 1-L-10 and 2-L-10, several seam weld cracks were detected on each panel. The cracks are believed to be due to inadequate vendor panel fabrication welds. Of primary concern is the ability of the affected panels to withstand a seismic event. Specimens of the seam weld cracks have been sent to a laboratory for analysis. The results of this analysis will be used to determine whether the cracks could have created a substantial safety hazard, if left uncorrected. The substantial safety hazard evaluation and reportability determination for the subject PER are expected to be completed by October 22, 1993.

If you have any questions, please contact P. L. Pace at (615) 365-1824.

Very truly yours,

William J. Museler

Enclosure

cc: See page 2

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cc (Enclosure):

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ENCLOSURE

LIST OF COMMITMENTS

The substantial safety hazard evaluation and reportability determination for WPPER 930190 are expected to be completed by October 22, 1993.