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APR 28 1993

U.S. Nuclear Regulatory Commission
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Gentlemen:

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

WATTS BAR NUCLEAR PLANT (WBN) - DISCREPANCIES IDENTIFIED FROM WALKDOWN OF
INSTRUMENT LINES - SUPPLEMENTAL INFORMATION REGARDING WBRD-50-390/86-29 AND
INSTRUMENT LINES CORRECTIVE ACTION PROGRAM (CAP) PLAN

The purpose of this letter is to provide supplemental information regarding
TVA's implementation of corrective actions to resolve installation
deficiencies associated with instrument line supports. The supplemental
information is contained in the enclosure.

The subject deficiency was initially reported to NRC Region II Inspector Bob
Carroll on February 4, 1986, in accordance with 10 CFR 50.55(e) as
Nonconformance Report (NCR) W-334-P for Unit 1. A review of Unit 2
installations determined that this deficiency is applicable to Unit 1 only.
Corrective actions to resolve the deficiency were described in a 10 CFR
50.55(e) report dated July 24, 1986, and the Instrument Lines CAP Plan
submitted by letter dated June 27, 1989. TVA is currently tracking this
deficiency as Significant Corrective Action Report (SCAR) NCRW334PSCA.

If you have any questions, please telephone 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

DISCREPANCIES IDENTIFIED FROM
WALKDOWN OF INSTRUMENT LINES
WBRD-50-390/86-29 AND INSTRUMENT LINES
CORRECTIVE ACTION PROGRAM (CAP) PLAN
SUPPLEMENTAL INFORMATION

Corrective action to resolve installation discrepancies associated with Unit 1 instrument lines was identified in 10 CFR 50.55(e) Report WBRD-50-390/86-29 dated July 24, 1986, and the Instrument Lines Corrective Action Program (CAP) Plan submitted by letter dated June 27, 1989. This corrective action involves the walkdown of affected instrument lines to assure that the proper clamps are used and their installation is in accordance with established engineering requirements. Specific reference to TVA internal memorandums was made in the Instrument Lines CAP Plan regarding the acceptance criteria for clamps and bolting to be used for the instrument line walkdown. Subsequently, updated design input and design criteria have been incorporated into the engineering calculations associated with the instrument line walkdown and the acceptance criteria for ensuring proper clamps are used and properly installed has been revised.

The updated criteria requirements for Category I(L) piping was reviewed by NRC during the 1992 Civil Integrated Design Inspection (IDI) and found acceptable as discussed in WBN Safety Evaluation Report (SER) dated January 1992 (NUREG-0847, Supplement 8). Seismic Category I(L) piping has been walked down by TVA contractor Earthquake Engineering, Inc. (EQE) to the updated design criteria requirements. The EQE walkdown was completed under the Hanger Analysis and Update Program (HAAUP) to address Seismic Category I(L) small-bore piping that included Seismic Category I(L) instrument lines. Design output has been issued to resolve the discrepancies identified by the EQE walkdown. TVA considers the EQE walkdown to have accomplished the purpose of the Instrument Lines CAP Plan walkdown requirement for Category I(L) instrument lines to ensure these lines meet the design criteria. Therefore, TVA has determined that no additional walkdown of instrument lines is required to resolve installation discrepancies associated with Category I(L) instrument lines. Corrective action to resolve installation discrepancies associated with Seismic Category I instrument lines will be completed as previously identified in our 10 CFR 50.55(e) report dated July 24, 1986.