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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

May 17, 1985

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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 UNIT 1 - OFFICE OF INSPECTION AND ENFORCEMENT -
BULLETIN 79-02 - PIPE SUPPORT BASE PLATE DESIGNS USING CONCRETE EXPANSION ANCHOR
BOLTS

We have reviewed D. M. Verrelli's letter dated February 15, 1985 concerning the
results of the January 8, 1985 technical meeting held in Region II offices.
Below is our response to this letter.

Bulletin 79-02 (Unit 1)

The referenced letter details the results of a meeting with the NRC
held in Atlanta to discuss TVA's responses to the subject bulletin.
As documented in the letter, the NRC was satisfied that TVA's design
verification work provides reasonable assurance that there are no IE
Bulletin 79-02 related safety concerns which would preclude issuance
of an operating license.

However, the letter concluded by asserting that in order to provide
complete assurance that the requirements of bulletin 79-02 are met for
Watts Bar Nuclear Plant (WBN) unit 1, a 100-percent review of all
affected support calculations should be performed.

Consequently, TVA will perform a review of the design calculations for
engineered pipe supports for WBN unit 1 to assure that the expansion
anchor factor-of-safety requirements of IE Bulletin 79-02 are met.
The review will be performed on 100 percent of the engineered pipe
supports for unit 1 that were designed prior to implementation of IE
Bulletin 79-02 requirements in TVA Civil Design Standard DC-C1.7.1. A
special procedure will be developed for the review. The methods used
for the review of the supports will be the same as those used for
evaluation of the sample of 496 supports reported in revision 2 of the
final report on IE Bulletin 79-02 for WBN unit 1.

Missing Calculation (Unit 1)

TVA will also regenerate 100 percent of the missing support design
calculations which were originally made under contract with EDS
Nuclear.

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Commitment

All unit 1 review work for IE Bulletin 79-02 and all regeneration of EDS Nuclear calculations for unit 1 are scheduled for completion before startup after the first refueling outage.

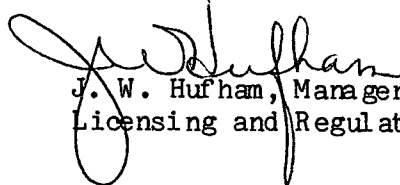
Unit 2

For unit 2, these issues are being addressed as part of the ongoing design process so that compliance with the provisions of IE Bulletin 79-02 is achieved by unit 2 fuel load.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY


J. W. Hufham, Manager
Licensing and Regulations

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

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