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

John H. Garrity
Vice President, Watts Bar Nuclear Plant

OCT 16 1991

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) UNITS 1 AND 2 - TEST PROGRAM FOR THE EVALUATION OF SHEAR CAPACITY OF SHALLOW UNDERCUT ANCHORS - SUMMARY REPORT

Reference: TVA letter to NRC, April 9, 1991, TVA Test Program for Evaluation of Shallow Undercut Anchors

TVA has completed a test program to evaluate the capacity of shallow undercut anchors. This test program served to verify that the ultimate shear capacity of shallow undercut anchors, that are not installed near a free edge, provided the intended safety margin.

By the referenced correspondence, TVA advised the staff of the parameters and schedule for this test program.

Enclosed is the summary report for this effort, which is being docketed per NRC request. If you have any questions, please telephone P. L. Pace at (615) 365-1824.

Sincerely,

JHGarrity

John H. Garrity

Enclosure
cc: See page 2

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OCT 16 1991

cc (Enclosure):
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ENCLOSURE

WATTS BAR NUCLEAR PLANT

TEST PROGRAM FOR EVALUATION OF SHEAR CAPACITY OF SHALLOW UNDERCUT CONCRETE ANCHORS

SUMMARY REPORT

JULY 12, 1991

REVISION 0

PREPARED BY: M. A. CONES

REVIEWED BY: J. V. PEYTON
JVP 7-12-91

APPROVED BY: J. G. ADAIR
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