TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

NRC REGION II
81 NOV 13 A8:20

November 9, 1981

WBRD-50-390/81-89
WBRD-50-391/81-83

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U.S. NUCLEAR REGULATORY COMMISSION

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - INCORRECT MODELING OF FEEDWATER PIPING VALVES - WBRD-50-390/81-89, WBRD-50-391/81-83 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on October 9, 1981 in accordance with 10 CFR 50.55(e) as NCR WBN CEB 8112. Enclosed is our first interim report. We expect to submit our next report by January 27, 1982.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure
cc: Mr. Victor Stello, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
INCORRECT MODELING OF FEEDWATER PIPING VALVES
WBRD-50-390/81-89, WBRD-50-391/81-83
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During a review of piping analysis problems 0600200-02-05, -06, -07, and -08, TVA discovered a valve weight modeling error for valves FCV 3-236, -242, -245, and -239. The current piping analyses for these problems are based upon a valve weight of 990 pounds; the current valve drawing, Leslie drawing 717543030, states the correct valve weight of 1300 pounds. This weight difference in these particular lines is sufficient to warrant reanalysis.

Interim Progress

TVA is reanalyzing these piping problems (0600200-02-05,-06, -07, and -08) with the correct data. TVA's Watts Bar Design Project will modify piping support designs as required to qualify the piping and associated equipment components. TVA is presently investigating the cause of this deficiency and actions to prevent recurrence. The results of this investigation and the reanalysis will be provided in our next report.