TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
500 Chestnut Street, Tower II

October 6, 1983

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WBRD-50-390/83-27
WBRD-50-391/83-27

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - PUMP MOTORS SUPPLIED WITHOUT SEISMIC ANALYSIS OR OPERABILITY DEMONSTRATED - WBRD-50-390/83-27, WBRD-50-391/83-27 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Linda Watson on April 28, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN NEB 8304. Our first interim report was submitted on May 24, 1983. Enclosed is our second interim report. We expect to submit our next report on or about December 30, 1983.

As discussed with NRC-OIE Inspector Linda Watson on September 7, 1983 concerning the additional information for the subject deficiency, a new submittal date of October 6, 1983 was established.

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 Licensing

Enclosure
cc: Mr. Richard C. DeYoung, Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Records Center (Enclosure)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
PUMP MOTORS SUPPLIED WITHOUT SEISMIC ANALYSIS OR
OPERABILITY DEMONSTRATED
NCR WBN WEB 8304
WBRD-50-390/83-27, WBRD-50-391/83-27
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

The spent fuel pool cooling and cleanup system (SFPCCS) has a discrepancy in the equipment supplied by Westinghouse and the Watts Bar FSAR sections 3.2 and 9.1.3. The pumps were supplied with seismic analysis Westinghouse report No. MA-218 without operability demonstrated. The pump motors were supplied without seismic analysis or operability demonstrated. The FSAR states in section 9.1.4.4.1 that the SFPCCS heat removal equipment is designed to remain functional for the design basis earthquake and within the required stress limits for the operational basis earthquake and is classified TVA class C seismic category I.

Interim Progress

TVA has received additional information from Westinghouse which indicates that the SFPCCS pumps and motors may have already been upgraded to "safeguards" equipment. As such, the seismic analysis and operability demonstrations to qualify the existing pumps and motors to TVA class C seismic category I will have been accomplished. TVA is awaiting the analysis data from Westinghouse.