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

USNRC REGION II
ATLANTA, GEORGIA
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November 19, 1981

WBRD-50-390/81-91
WBRD-50-391/81-85

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 - DIFFERENTIAL PRESSURE LOGIC ON MOTOR-DRIVEN AUXILIARY FEEDWATER PUMPS - WBRD-50-390/81-91, WBRD-50-391/81-85 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on October 19, 1981 in accordance with 10 CFR 50.55(e) as NCR WBN MEB 8111. Enclosed is our first interim report. We expect to submit our next report by January 6, 1982.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

for 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
DIFFERENTIAL PRESSURE LOGIC ON MOTOR-DRIVEN AUXILIARY FEEDWATER PUMPS
WBRD-50-390/81-91, WBRD-50-391/81-85
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

The setpoint on the pressure control valves (PCV 3-122 and -132) which are located on the discharge of the motor-driven auxiliary feedwater pumps were to be changed to maintain a minimum differential pressure of 1215 lb/in^2 across each pump which corresponds to 550 gpm flow through each pump. Engineering Change Notice (ECN) 1225, which requested this change, was not implemented. The ECN was closed without completing this portion of it. These setpoint and flow values (1215 lb/in^2, 550 gpm) have been used by both Westinghouse and TVA for various analyses, instead of the values associated with the present incorrect 1100 lb/in^2 setpoint.

Interim Progress

TVA is still investigating this deficiency. We will provide further details in our next report.