

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

34 AUG 27 1984
August 21, 1984

WBRD-50-390/84-41

WBRD-50-391/84-36

U.S. Nuclear Regulatory Commission
Region II

Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Mr. O'Reilly:

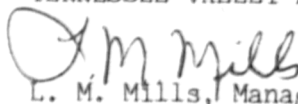
WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - ACTIVE COMPONENTS PROCUREMENT
DEFICIENCIES - WBRD-50-390/84-41, WBRD-50-391/84-36 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Floyd Cantrell on July 23, 1984 in accordance with 10 CFR 50.55(e) as NCR
WBN MEB 8429. Enclosed is our first interim report. We expect to submit our
next report on or about September 14, 1984.

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
ACTIVE COMPONENTS PROCUREMENT DEFICIENCIES
NCR WBN MEB 8429
WBRD-50-390/84-41 AND WBRD-50-391/84-36
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

On August 8, 1984, TVA issued a Division of Engineering Design (EN DES) calculation No. NEB 830808 218 entitled, "Active Components List." This calculation provides a list, by system, of all active components in Watts Bar Nuclear Plant (WBN). Most of the components for WBN were procured before the issuance of this calculation. It has now been identified that various components required to be active by this calculation were not procured as active. The definition of and criteria for designating a component as "active" is found in Regulatory Guide 1.48. TVA committed to Regulatory Guide 1.48 for WBN in September 1974.

Additionally, WBN FSAR Tables 3.9-17, -25, and -26 list various components which are required to be active. The WBN FSAR lists do not agree with calculation No. NEB 830808 218. A cursory review of the valves procured for the essential raw cooling water (ERCW) system showed that the active valve procurements agreed with the WBN FSAR tables, but did not agree with calculation No. NEB 830808 218.

Interim Progress

TVA is still investigating the subject deficiency. More information will be provided in the next report.