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

December 2, 1981

WBRD-50-390/81-66
WBRD-50-391/81-62

RECEIVED
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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 - ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (NUREG-0588) - WBRD-50-390/81-66, WBRD-50-391/81-62 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector John McDonald on July 29, 1981 in accordance with 10 CFR 50.55(e) as NCR WBN MEB 8107. Our first interim report was submitted on August 31, 1981. Enclosed is our second interim report. We expect to submit our next report by February 16, 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
ENVIRONMENTAL QUALIFICATION OF ELECTRICAL EQUIPMENT (NUREG-0588)
WBRD-50-390/81-66, WBRD-50-391/81-62
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

During TVA's NUREG-0588 environmental qualification program, the following components were identified as potentially deficient because of insufficient documentation to verify that the equipment is environmentally qualified. This equipment was procured before the issuance of NUREG-0588.

NCR	Equipment Affected
WBNMEB8107	Auxiliary air compressor control equipment and motors
WBNMEB8108	Auxiliary feedwater pump motors (Parsons Peebles)
WBMMEB8109	Auxiliary feedwater pump turbine electrical control equipment
WBNNEB8118	Limit switches
WBNNEB8119	Flow indicating switches and level switches
WBNNEB8123	Temperature elements
WBNNEB8127	Solenoid valves
WBNNEB8128	Solenoid valves

Interim Progress

For that equipment identified in NCR WBNMEB8107, it has subsequently been determined that the equipment is located in a mild environment zone rather than a harsh environment. A reevaluation of the components will be done to determine the environmental qualification status of these components.

The other equipment identified is being evaluated on a case-by-case basis by reviewing all available sources of documentation.