

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 31, 1981

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

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 (NUP'G-0588) - WBRD-50-390/81-66, WBRD-50-391/81-62
- FIRST 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. Enclosed is our first interim report. We expect to submit our next report by December 1, 1981.

If you have any questions, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

A handwritten signature in cursive script, appearing to read "L. M. Mills".

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-50-301/81-62
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

During TVA's NUREG-0588 environmental qualification program, it was discovered that Class IE equipment (auxiliary air compressor control equipment and motors) was procured on TVA contract 77K34-821044 for which sufficient documentation verifying that the subject equipment has been environmentally qualified could not be located. This equipment was procured before implementation of NUREG-0588. This equipment is located on panels O-L-321 and O-L-322 and compressors A-A and B-B of the compressed air system.

Interim Progress

TVA has investigated the subject nonconformance. As a result, it has been determined that the deficient motors cannot be qualified. TVA is continuing its investigation as to whether the auxiliary air compressor control equipment can be qualified. All equipment that cannot be qualified will be replaced.