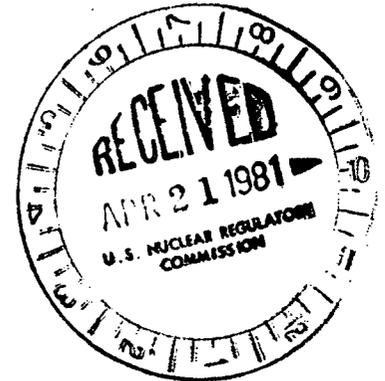


TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 13, 1981



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 - RADIATION DOSE INSIDE CONTAINMENT
EXCEEDS CABLE QUALIFICATION - NCR WBN QEB 8001 - FOURTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector M. Thomas on March 31, 1980, in accordance with 10 CFR 50.55(e). Interim reports were submitted on April 24, 1980, July 1, 1980, and September 19, 1980. We expect to provide additional information by June 18, 1981.

TVA is developing the capability to accurately calculate the beta radiation to the cables inside containment as a function of depth into the cable insulation jacket. Also, TVA is proceeding to analyze the radiation exposure to cables considering layout geometries, exposure areas, and cable materials and dimensions.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

cc: Mr. Victor Stello, Director ✓
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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