

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA TENNESSEE 37401

400 Chestnut Street Tower II

August 18, 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 CAPLE QUALIFICATION - NCR WBN QEB 8001 - SIXTH 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, July 1, and September 19, 1980, and April 13, and June 18, 1981. We expect to provide additional information by October 26, 1981.

TVA is continuing to calculate the beta radiation dose to the cables inside containment as a function of depth into the cable. Beta source terms in containment and cable models have been developed, and preliminary analyses of the doses in the cables are still being performed.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at PTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
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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