

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

March 17, 1983

WBRD-50-390/82-25

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNIT 1 - NUCLEAR INSTRUMENTATION SYSTEM (NIS)
CONDUIT INSTALLATION - WBRD-50-390/82-25 - FOURTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on February 18, 1982 in accordance with 10 CFR 50.55(e) as NCR 3836R. Interim reports were submitted on March 22, July 6, and October 26, 1982. We expect to submit our next report on or about September 1, 1983.

TVA has established an envelope of maximum NIS cable-routing deviations for each characteristic type of electrical noise source, and has requested a price quote from Westinghouse for NIS electrical noise interference testing and/or analysis for these deviations. From results of this Westinghouse work, a determination will be made on what, if any, corrective action may be required to eliminate problems involved with electrical noise within the NIS.

Additional information will be provided in our next report.

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
L. M. Mills, Manager
Nuclear Licensing

cc: Mr. Richard C. DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

8303240571 830317
PDR ADOCK 05000390
S PDR

OFFICIAL COPY

IE 27