TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

February 16, 1983

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WBRD-50-390/82-83
WBRD-50-391/82-80

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - AUXILIARY BUILDING PLATFORM DESIGN AND DOCUMENTATION - WBRD-50-390/82-83, WBRD-50-391/82-80 - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector F. J. Long on April 26, 1982 in accordance with 10 CFR 50.55(e) as NCR WBN SMP 8216. Interim reports were submitted on May 27, and October 20, 1982. Enclosed is our third interim report. We expect to submit our next report on or about May 13, 1983.

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 Licensing

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

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2
AUXILIARY BUILDING PLATFORM DESIGN AND DOCUMENTATION
NCR WBN SMP 8216
WBRD-50-390/82-43, WBRD-50-391/82-40
10 CFR 50.55(e)
THIRD INTERIM REPORT

Description of Deficiency

A seismic analysis was not performed on some of the platforms in the auxiliary building at Watts Bar shown on the TVA drawing series 48W1210. This does not follow the requirements of Watts Bar Design Criteria WB-DC-20-21. Additionally, design documentation for some platforms cannot be found.

Interim Progress

The design documentation for some of the platforms shown on drawing series 48W1210 could not be located. As a result of this fact, along with the lack of a seismic analysis being performed on some of the platforms, all of the platforms shown on drawing series 48W1210 are being redesigned.

Field mapping of the platforms which were determined to be significantly loaded has been completed under the program initiated to resolve NCR 3659R (see WBRD-50-390/81-99, WBRD-50-391/81-99, Loading Criteria for Structural Steel and Supports). TVA has completed approximately 90 percent of the design and checking efforts for the platforms which did require field mapping. Approximately 80 percent of the design effort and 10 percent of the checking effort has been completed for those platforms which did not require field mapping.

More information will be forwarded in our next report.