

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
400 Chestnut Street Tower II

March 22, 1983

WBRD-50-390/83-10
WBRD-50-391/83-09

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

83 MAR 24 11:14 AM
ATLANTA REGIONAL
OFFICE

Dear Mr. O'Reilly:

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - SUMMATION OF LOADS IN STRUDL CODE
- WBRD-50-390/83-10, WBRD-50-391/83-09- FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector L. Watson on February 15, 1983 in accordance with 10 CFR 50.55(e) as NCR WBN SWP 8310. Enclosed is our first interim report. We expect to submit our next report on or about July 8, 1983. The submittal date of this report was discussed with NRC-OIE Inspector P. Fredrickson on March 21, 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
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
SUMMATION OF LOADS IN STRUDL CODE
NCR WBN SWP 8310
WBRD-50-390/83-10, WBRD-50-391/83-09
10 CFR 50.55(e)
FIRST INTERIM REPORT**

Description of Deficiency

Users of STRUDL computer programs including dynamic analysis have combined static and dynamic loads by a method which yields less conservative results. Output from this code is used to design miscellaneous steel platforms in safety-related areas.

Interim Progress

Watts Bar designers have been advised of this NCR. It has been determined that approximately ten platforms are affected at Watts Bar Nuclear Plant. Three have been checked and are adequate without modification. The other platforms are to be checked. More information will be provided in our next report.