

TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

June 24, 1982

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WBRD-50-390/82-5t  
WBRD-50-391/82-55

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 - CONCRETE ANCHORAGE FREE EDGE  
VIOLATION - WBRD-50-390/82-58, WBRD-50-391.82-55 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
D. Quick on May 28, 1982 in accordance with 10 CFR 50.55(e) as NCR 4068R.  
Enclosed is our first interim report. We expect to submit our next report  
by October 27, 1982.

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, DC 20555

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ENCLOSURE

WATTS BAR NUCLEAR PLANT UNITS 1 AND 2  
CONCRETE ANCHORAGE FREE EDGE VIOLATION  
NCR 4068R

WBRD-50-390/82-58, WBRD-50-391/82-55

10 CFR 50.55(e)

FIRST INTERIM REPORT

Description of Deficiency

In some instances, the G-32 specifications for space limitations for adequate spacing of anchor bolts have been violated. The bolts were spaced such that their right circular cone area for pullout is truncated. This represents a loss-of-concrete support for the bolt within the cone itself. These bolts are attached to a nonload bearing wall and are, in some instances, installed in grout instead of concrete. Grout has little or no resistance to pullout.

Interim Process

An investigation is underway to determine what systems are involved in this deficiency. TVA will provide further information in the next report.