

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 24, 1983

WBRD-50-390/82-90

WBRD-50-391/82-86

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:

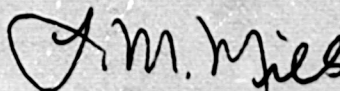
**WATTS BAR NUCLEAR PLANT UNITS 1 AND 2 - FAILURE TO CONSIDER SEISMIC AND INERTIAL LOADINGS ON LADDERS, ETC., WBRD-50-390/82-90, WBRD-50-391/82-86 - FINAL REPORT**

The subject deficiency was initially reported to NRC-OIE Inspector D. Quick on August 26, 1982 in accordance with 10 CFR 50.55(e) as NCR GEN CEB 8210. Our first interim report was submitted on September 27, 1982. Enclosed is our final report. TVA no longer considers the subject nonconforming condition adverse to the safe operation of the plant. Therefore, we will amend our records to delete this item as a 10 CFR 50.55(e) item.

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

OFFICIAL COPY  
IE 27

8302010461 830124  
PDR ADOCK 05000390  
S PDR

**ENCLOSURE**  
**WATTS BAR NUCLEAR PLANT UNITS 1 AND 2**  
**FAILURE TO CONSIDER SEISMIC AND INERTIAL LOADINGS ON LADDERS, ETC.**  
**WBRD-50-390/82-90, WBRD-50-391/82-86**  
**NCR GEN CEB 8210**  
**FINAL REPORT**

**Description of Deficiency**

In the design calculations for the ladders, platforms, and walkways attached to the steel containment vessel, no consideration was given to the inertial effects of earthquake and DBA loadings. These structures were designed for live plus dead loading only.

**Safety Implications**

The ladders, platforms, and walkways attached to the containment vessel have been reevaluated for the applicable load combinations, including earthquake and DBA loadings in accordance with the criteria defined in TVA design specification WBNP-DS-1705-1440-03. These calculations indicate that no safety related problems exist and that no structural/hardware corrective action is required. Consequently, the cited components may be used as is.

Since the cited components have been dispositioned "use-as-is," the components will adequately perform their intended function and there is no condition adverse to the safe operation of the plant. We therefore no longer consider 10CFR50.55(e) applicable to this condition.

**Corrective Action**

No corrective action is required since this item is not considered reportable.