

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 27, 1982

YRCD-50-566/82-15
YRCD-50-567/82-15

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:

YELLOW CREEK NUCLEAR PLANT UNITS 1 AND 2 - FAILURE TO CONSIDER SEISMIC AND INERTIAL LOADINGS ON LADDERS, ETC., YRCD-50-566/82-15, YRCD-50-567/82-15 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Don Quick on August 26, 1982 in accordance with 10 CFR 50.55(e) as NCR GEN CEB 8210. Enclosed is our first interim report.

TVA has elected to defer construction activities for the Yellow Creek Nuclear Plant. Deferral does not mean that the project will be cancelled, but that TVA is minimizing its expenditures and construction efforts until such time that TVA has sufficient information to indicate whether the project should be completed or cancelled. Therefore, we will not be submitting another report for this nonconformance until a final decision is made regarding this project. A deficiency at Watts Bar Nuclear Plant on the same subject is being handled separately.

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

YELLOW CREEK NUCLEAR PLANT UNITS 1 AND 2
FAILURE TO CONSIDER SEISMIC INERTIAL
LOADINGS FOR LADDERS, ETC.
NCR GEN CEB 8210
YRCD-50-566/82-15, YRCD-50-567/82-15
FIRST INTERIM REPORT

Description of Deficiency

Chicago Bridge and Iron Company (CBI) designed the ladders, platforms, and walkways attached to the containment vessels for live and dead load only. Inertial earthquake loadings may not have been applied to these structures.

Interim Progress

The containment vessel stress reports have not been submitted at this time. CBI will be advised of this condition and instructed to make the necessary revisions to include inertial earthquake loadings in the final design.