

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

March 28, 1983

HTRD-50-518/83-04, -520/83-04
YCRD-50-566/83-02, -567/83-02

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

Dear Mr. O'Reilly:

HARTSVILLE A AND YELLOW CREEK NUCLEAR PLANTS - REPORTABLE DEFICIENCY -
FAILURE OF TVA'S DIVISION OF ENGINEERING DESIGN TO PROVIDE BOLT
TIGHTENING REQUIREMENTS TO THE DIVISION OF CONSTRUCTION -
HTRD-50-518/83-04, -520/83-04 - YCRD-50-566/83-02, -567/83-02

The subject deficiency was initially reported to NRC-OIE, Region II, Inspector Ross Butcher on February 28, 1983 as NRCs HTADNP8301 and YCNDNP8301. In compliance with paragraph 50.55(e) of 10 CFR Part 50, we are enclosing our first interim report on the subject deficiency. Generic implications of this nonconformance are being resolved by NCR WBNSWP8230, which was reported to NRC Inspector P. Fredrickson on January 20, 1983.

TVA has elected to defer construction activities for these projects. Deferral does not mean that these projects will be cancelled but that TVA is minimizing its expenditures and construction efforts until such time that TVA has sufficient information to indicate whether these projects should be completed or cancelled. Therefore, we will not be submitting a final report for this nonconformance until a final decision is made regarding these projects.

If you have any questions, please call Jim Domer at FTS 858-2725 for Hartsville and Ralph Shell at FTS 858-2676 for Yellow Creek.

Very truly yours,

TENNESSEE VALLEY AUTHORITY


L. M. Mills, Manager
Nuclear Licensing

Enclosure
cc: See page 2

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Mr. James P. O'Reilly

March 28, 1983

cc (Enclosure):

Mr. R. C. DeYoung, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Records Center
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

ENCLOSURE
HARTSVILLE A AND YELLOW CREEK NUCLEAR PLANTS
FAILURE TO PROVIDE BOLT TIGHTENING REQUIREMENTS
10CFR50.55(e) REPORT NO. 1 (INTERIM)
NCRs HTADNP8301 AND YCNDNP8301
HTRD-50-518/83-04, -520/83-04
YCRD-50-566/83-02, -567/83-02

Description of Deficiency

TVA's Division of Engineering Design (EN DES) has not provided the Division of Construction (CONST) with bolt tightening requirements (for other than anchor bolts) for miscellaneous steel structures, pipe supports, conduit supports, HVAC supports, and instrumentation line supports. These requirements are necessary to ensure that the bolt tightening practices by CONST are adequate.

The majority of the bolts involved are Unistrut bolts, removal pipe supports, and removable HVAC duct supports.

Tightening requirements for anchor bolts are provided in TVA Construction Specification G-32.

Interim Progress

For the Hartsville A and Yellow Creek Nuclear Plants, TVA will investigate and respond to this item after restart of design and construction.