

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

October 29, 1982

HTRD-50-518/82-16, -520/82/16
WBRD-50-390/82-69, -391/82-66
BLRD-50-438/82-44, -439/82-40
YCRD-50-566/82-12, -567/82-12

U.S. Nuclear Regulatory Commission
Region II

ATTN: James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

HARTSVILLE, WATTS BAR, BELLEFONTE, YELLOW CREEK NUCLEAR
PLANTS - REPORTABLE DEFICIENCY - EXPANSION ANCHORS SPACING CRITERIA -
HTRD-50-518/82-16, -520/82-16, WBRD-50-390/82-69, 69, -391/82-66 - BLRD-
50-438/82-44, -439/82-40 - YCRD-50-566/82-12, -567/82-12

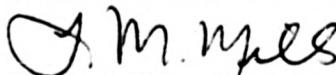
The subject deficiency was initially reported to NRC-OIE, Region II,
Inspector R. V. Crlenjak on June 7, 1982 as NCR GENQAB 8203. Our first
interim report was submitted on July 7, 1982. In accordance with
paragraph 50.55(e) of 10 CFR Part 50, we are enclosing the second interim
report on the subject deficiency. We anticipate transmitting additional
information regarding this issue by April 5, 1983.

TVA has elected to defer construction activities for Hartsville and
Yellow Creek. 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 BWRs
and Ralph Shell at FTS 858-2676 for PWRs.

Very truly yours,

TENNESSEE VALLEY AUTHORITY



L. M. Mills, Manager
Nuclear Licensing

Enclosure

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

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NRC REGION II
ATLANTA, GEORGIA

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ENCLOSURE
WATTS BAR, BELLEFONTE, HARTSVILLE,
AND YELLOW CREEK NUCLEAR PLANTS
EXPANSION ANCHORS SPACING CRITERIA
10CFR50.55(e) REPORT NO. 2 (INTERIM)
NCR GENQAB8203

Description of Deficiency

Before the issuance of General Construction Specification TVA G-32 R6, "Bolt Anchors Set in Hardened Concrete," (February 17, 1981) which provides screening criteria to TVA's Division of Construction (CONST) inspectors for expansion anchor spacing, CONST had minimum anchor spacing criteria as provided by G-32 R5 which could have been inadequate under certain circumstances. This means that CONST inspectors could have applied the minimum spacing criteria to specific attachments being inspected without noting adjacent attachments that could influence expansion anchor spacing requirements. As a result, it is possible that expansion anchors are installed at various plants which do not meet minimum spacing requirements when combined action of multiple attachments are considered.

Interim Progress

A detailed inspection and sampling program is being developed for Watts Bar and Bellefonte Nuclear Plants. This program will probably involve inspection, sampling survey, and analysis of baseplates which have been installed with expansion anchors. Upon completion of this program, a detailed report will be issued.

Efforts to resolve this nonconformance at deferred projects will be suspended pending resumption of design and construction activities or until information is received that will allow closure of this item for the deferred units.