

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 5, 1983

BLRD-50-438/82-44, -439/82-40

U.S. Nuclear Regulatory Commission

Region II

Attn: Mr. James P. O'Reilly, Regional Administrator

101 Marietta Street, NW, Suite 2900

Atlanta, Georgia 30303

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - EXPANSION ANCHORS SPACING CRITERIA
- BLRD-50-438/82-44, 50-439/82-40 - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE, Region II, Inspector R. V. Crlenjak on June 7, 1982 as NCR GEN QAB 8203. Interim reports were submitted on July 7, and October 29, 1982. Enclosed is our third interim report for Bellefonte. For disposition purposes a separate report is being submitted for Watts Bar. We anticipate transmitting our next report for Bellefonte on October 31, 1983.

If you have any questions, please get in touch with Ralph 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

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

8304130341 830405
PDR ADDCK 05000438
S PDR

OFFICIAL COPY
IE 27

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
EXPANSION ANCHORS SPACING CRITERIA
NCR GEN QAB 8203
BLRD-50-438/82-44, BLRD-50-439/82-40
10 CFR 50.55(e)
THIRD INTERIM REPORT

Description of Deficiency

Before 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 have been installed which do not meet minimum spacing requirements when combined action of multiple attachments are considered.

Interim Progress

Implementation of an inspection and sampling program is proceeding. Additional information will be forwarded in our next submittal.