

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

1630 Chestnut Street Tower II

June 13, 1985

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BLRD-50-438/85-17
BLRD-50-439/85-17

U.S. Nuclear Regulatory Commission
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Dr. Grace:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - INADEQUATE CONCRETE COVER FOR GROUTED
ANCHOR INSTALLATIONS - BLRD-50-438/85-17 AND BLRD-50-439/85-17 - FIRST INTERIM
REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Al
Ignatonis on May 20, 1985 in accordance with 10 CFR 50.55(e) as NCR 4156.
Enclosed is our first interim report. We expect to submit our next report on
or about October 11, 1985.

If you have any questions, please get in touch with R. H. Shell at FTS
858-2688.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Homer
for J. W. Hufham, Manager
Licensing and Regulations

Enclosure

cc (Enclosure):

Mr. James Taylor, 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

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
INADEQUATE CONCRETE COVER FOR GROUTED ANCHOR INSTALLATIONS
BLRD-50-438/85-17 AND BLRD-50-439/85-17
NCR BLN 4156
FIRST INTERIM REPORT

Description of Deficiency

Seismic pipe supports have been installed with anchor bolts in violation of General Construction Specification G-32 (implemented onsite by Bellefonte Nuclear Plant (BLN) Quality Control Procedure (QCP) 2.8). Appendix D of G-32 requires that in large holes or chipped out areas where grouted anchors are used, the clear distance between the existing concrete and the bolthead is at least three nominal bolt diameters for individual and six nominal bolt diameters for multiple anchors.

In some instances, grouted anchors have been installed in holes chipped through a wall or floor slab without providing three or six bolt diameters of concrete cover beyond the embedded end of the anchor bolts.

Interim Progress

All affected grouted anchors have not been specifically identified at this time. BLN plant personnel are to identify grouted anchors which violate General Construction Specification G-32. Once identified, each installation will be evaluated for adequacy by TVA's Office of Engineering.