

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 13, 11982

BLRD-50-438/81-33

BLRD-50-439/81-36

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:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - DIMENSIONALLY NONCONFORMING
ANCHORAGE MATERIAL - BLRD-50-438/81-33, BLRD-50-439/81-36 - FIFTH
INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on May 5, 1981 in accordance with 10 CFR 50.55(e) as NCR's 1447 and 1457. This was followed by our interim reports dated June 5, August 19, and November 12, 1981 and February 2, 1982. Enclosed is our fifth interim report. We expect to submit our next report by August 16, 1982. TVA considers 10 CFR Part 21 to be applicable to this deficiency.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

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

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
DIMENSIONALLY NONCONFORMING ANCHORAGE MATERIAL
NCR'S 1447 AND 1457
BLRD-50-438/81-33, BLRD-50-439/81-36
10 CFR 50.55(e)
FIFTH INTERIM REPORT

Description of Deficiency

INRYCO, Incorporated, is the contractor, contract No. 75C53-85380, for supplying and installing the prestressing system for the primary containments at Bellefonte Nuclear Plant units 1 and 2. On April 15, 1981, INRYCO informed TVA that a shophead/bushing failure had occurred during stressing operations on March 19, 1981 at the Braidwood Nuclear Plant and that INRYCO had submitted a report in accordance with 10 CFR Part 21 to the Nuclear Regulatory Commission to document this failure. As a result of this failure, INRYCO began measuring the unstressed anchorage material at Bellefonte. Several cases have been documented whereby the dimensions measured do not fall within the tolerances established by the shop fabrication manual. In some instances, the anchorage material is oversized and in other instances, the anchorage material is undersized.

Interim Progress

TVA is awaiting Inryco's submittal of all anchorage measurements before finalizing a disposition of this deficiency. All anchorages are measured, and Inryco is preparing to transmit these measurements to TVA.

All NCR's concerning dimensionally nonconforming anchorage material will be handled under this report (BLRD-50-438/81-33, -439/81-36). To date these include 1447, 1457, 1461, 1469, 1473, 1474, 1475, 1485, 1491, 1502, 1510, 1511, 1521, 1523, 1542, 1547, 1558, 1562, 1571, 1590, 1591, 1628, 1629, 1630, 1642, 1643, 1650, 1657, 1670, 1678, 1698, 1704, 1712, and 1724.