

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

November 12, 1981

USNRC REGION
ATLANTA, GEORGIA

31 NOV 17 1981

BLRD-50-438/81-33

BLRD-50-439/81-36

Mr. James P. O'Reilly, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Region II - Suite 3100
101 Marietta Street
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 - THIRD
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 and August 19, 1981. Enclosed is our third interim report. We
expect to submit our next report by February 2, 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
L. M. Mills, Manager
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., 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
BLRD-50-438/81-33, BLRD-50-439/81-36
10 CFR 50.55(e)
THIRD 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

INRYCO has submitted their final report on this deficiency and it is being evaluated by TVA. In addition, TVA is awaiting Inryco's submittal of all anchorage measurements before finalizing the disposition to this deficiency.

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, and 1630.