

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA TENNESSEE 37401

400 Chestnut Street Tower II

February 2, 1984

BLRD-50-438/83-50

BLRD-50-439/83-43

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:

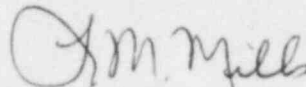
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - MISSING O-RING SEALS ON FLEXIBLE
CONDUIT - BLRD-50-438/83-50, BLRD-50-439/83-43 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector P. E. Fredrickson on September 6, 1983 in accordance with 10 CFR 50.55(e) as NCR 2296. This was followed by our interim report dated October 4, 1983. Enclosed is our second interim report. We expect to submit our next report by November 9, 1984.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY



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

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
MISSING O-RING SEALS ON FLEXIBLE CONDUIT
BLRD-50-438/83-50, BLRD-50-439/83-43
NCR 2296
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

TVA uses various brands of flexible conduit manufactured by several vendors. Some types of flexible conduit are supplied with integral moisture seals while other types require the insertion of a separately supplied "O" ring to preserve the NEMA rating of the enclosure to which flexible conduit is attached. At Bellefonte, TVA has determined that, contrary to the particular manufacturer's instructions, flexible conduit requiring an "O" ring has been installed in various areas of the plant without these "O" rings. The cause of this failure has been determined to be inadequate site procedures concerning installing flexible conduit to manufacturer's instructions.

Interim Progress

TVA has prepared Construction Procedure BNP-QCP-3.32 to verify compliance of field-installed flexible conduit connectors when installed on class 1E electrical enclosures, and BLN Construction is presently investigating all connections to determine the specific corrective action to be applied to each connection missing a required "O" ring.