

TENNESSEE VALLEY AUTHORITY

ATLANTA, GEORGIA 37401

400 Chestnut Street Tower II

8488QVA1631A 10-55, 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 290C

Atlanta, Georgia 30323

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 - THIRD INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector P. E. Fredrickson on September 5, 1983 in accordance with 10 CFR 50.55(e) as NCR 2296. This was followed by our interim reports dated October 4, 1983 and February 2, 1984. Enclosed is our third interim report. We expect to submit our next report on or about November 1, 1985.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

James A. Dorn

for J. W. Hufham, Manager
Licensing and Regulations

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)
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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)
THIRD 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

Personnel at Bellefonte Nuclear Plant (BLN) have investigated the flexible conduit seals at the plant, and based on this investigation believe that the number of items requiring corrective action is less than originally thought. TVA's Office of Engineering (OE) is evaluating the results of this investigation. More information will be forwarded in our next report.