

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

84 NOV 14 P 1:00
November 5, 1984

BLRD-50-438/84-51
BLRD-50-439/84-47

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - MISINTERPRETATION OF SUPPORT SPACING
REQUIREMENTS - BLRD-50-438/84-51, BLRD-50-439/84-47 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
P. E. Fredrickson on October 5, 1984 in accordance with 10 CFR 50.55(e) as
NCR 3492. Enclosed is our first interim report. We expect to
submit our next report on or about February 13, 1985.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

James A. Doman
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)
Institute of Nuclear Power Operations
1100 Circle 75 Parkway, Suite 1500
Atlanta, Georgia 30339

OFFICIAL COPY

8411290290 841105
PDR ADCK 05000438
S PDR

1027
11

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
MISINTERPRETATION OF SUPPORT SPACING REQUIREMENTS
NCR 3492
BLRD-50-438/84-51, BLRD-50-439/84-47
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Seismic cable tray supports at Bellefonte Nuclear Plant (BLN) have been located and installed by measurement of the distance between the inside edges of the support brackets. The supports should have been located by measurement of the distance between the center lines of the support brackets. BLN Design Criteria N4-50-D78 and various cable tray support drawings (X2 series) require a maximum of 8 feet of separation between supports. Additionally, BLN FSAR Section 3.10.3.1 states that cable tray supports will be spaced at a "maximum of 8 feet on centers." This condition has resulted in a center line to center line dimension in excess of 8 feet in some cases.

TVA has determined that the apparent cause of this deficiency was BLN Construction Engineering's interpretation of the applicable design criteria. This interpretation resulted in the determination that the measurement was to be made between the inside edges of the support brackets.

Interim Progress

The subject nonconformance report (NCR) has been forwarded to TVA's Office of Engineering (OE) for disposition. TVA is still in the process of investigating this condition.