

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401
1630 Chestnut Street Tower II

May 20, 1985

BLRD-50-438/85-14
BLRD-50-439/85-14

U.S. Nuclear Regulatory Commission
Region II
Attn: Dr. J. Nelson Grace, Regional Administrator
101 Marietta Street, NW, Suite 2900
Atlanta, Georgia 30323

Dear Dr. Grace:

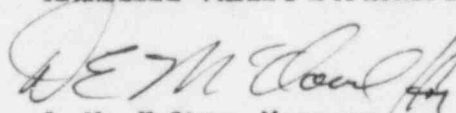
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - CONTAINMENT ISOLATION BARRIER
DEFICIENCY - BLRD-50-438/85-14, BLRD-50-439/85-14 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Al Ignatonis on April 22, 1985 in accordance with 10 CFR 50.55(e) as
NCR BLN NEB 8503. Enclosed is our first interim report. We expect to
submit our next report on or about September 17, 1985.

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



J. W. Hufham, Manager
Licensing and Regulations

Enclosure

cc (Enclosure):

Mr. James Taylor, Director
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, D.C. 20555

Records Center
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
CONTAINMENT ISOLATION BARRIER DEFICIENCY
BLRD-50-438/85-14 AND BLRD-50-439/85-14
10 CFR 50.55(e)
NCR BLN NEB 8503
FIRST INTERIM REPORT

Description of Deficiency

The design criteria for the containment isolation and leak testing system, N4-NI-D740, requires at least two containment isolation barriers with the following minimum requirements: containment isolation valves, piping between these valves, and closed systems used as isolation barriers shall be, as a minimum, ANS Safety Class 2.

The drain line and the compressed air line attached to the fuel transfer tube (penetrations X-37 and X-78) each have only one manual isolation valve within the seismic category I, safety class 2 boundaries.

Interim Progress

TVA design documents are being reviewed to determine the required document revisions to comply with code and safety requirements. When this review is complete, the documents will be issued and the required modifications will be made to the plant piping to provide the required containment isolation.