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400 Chestnut Street Tower II

June 29, 1981

BLRD-50-438/81-42
BLRD-50-439/81-44



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 - FAILURE TO IMPLEMENT ALTERNATE
ANALYSIS DESIGN CRITERIA - BLRD-50-438/81-42, BLRD-50-439/81-44 -
FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
R. V. Crlenjak on May 29, 1981 in accordance with 10 CFR 50.55(e) as
NCR BLN BLP 8112. Enclosed is our first interim report. We expect to
submit our next report by September 29, 1981.

If you have any questions concerning this matter, please get in touch with
D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

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
FAILURE TO IMPLEMENT ALTERNATE ANALYSIS DESIGN CRITERIA
BLRD-50-438/81-42, BLRD-50-439/81-44
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of the Deficiency

TVA employees have failed to conform to criteria as defined in TVA topical report CEB 76-11, "Alternate Criteria For Pipe Analysis and Supports." We did not adhere to the spacing requirements for axial pipe supports as defined in CEB 76-11. Further investigation of this problem showed no indication that this nonconformance is applicable to other TVA nuclear plants.

Interim Progress

TVA is in the process of identifying the piping systems which are affected by the subject deficiency. These piping systems will be reanalyzed by rigorous analysis checking the piping stress and the support loads. TVA has initiated action to instruct those individuals involved in alternate analysis calculations that all the requirements of the alternate analysis criteria must be strictly followed.