

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

U.S. NRC RGN.-II
Atlanta, Ga.

May 2, 1983

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BLRD-50-438/83-28
BLRD-50-439/83-23

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:

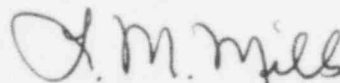
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - BELLEFONTE DESIGN CRITERIA NOT
UP-TO-DATE - BLRD-50-438/83-28, BLRD-50-439/83-23 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector
Linda Watson on April 5, 1983 in accordance with 10 CFR 50.55(e) as
NCR BLN NEB 8301. Enclosed is our first interim report. We expect to
submit our next report by November 23, 1983.

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

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BELLEFONTE DESIGN CRITERIA NOT UP-TO-DATE
BLRD-50-438/83-28, BLRD-50-439/83-23
10 CFR 50.55(e)
NCR BLN NEB 8301
FIRST INTERIM REPORT

Description of Deficiency

Bellefonte design criteria have not been kept up-to-date per the requirements of TVA's Division of Engineering Design's (EN DES) engineering procedure (EP) 3.01, "Design Criteria Documents - Preparation, Review, and Approval." The design criteria for the decay heat removal (DHR) and core flooding (CF) systems were not revised when system descriptions for those systems were revised by Babcock and Wilcox (B&W) and then received and approved by TVA. B&W system descriptions are used as design input by TVA. This deficiency was discovered during the INPO/TVA self-initiated evaluation and may also be applicable to other Bellefonte design criteria.

Interim Progress

TVA will review the latest approved B&W system descriptions for the DHR and CF systems to determine whether or not all requirements are contained, either explicitly or by reference, in the latest TVA design criteria for these systems. The design criteria documents will be updated and revised, as necessary.

Additionally, all other TVA design criteria documents will be reviewed to determine whether or not they are up-to-date, and these will be revised if necessary.