

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 27, 1982 ^{82 MAY 2} AG: 00

BLRD-50-438/81-70
BLRD-50-439/81-69

U.S. Nuclear Regulatory Commission
Region II
Attn: Mr. James P. O'Reilly, Regional Administrator
101 Marietta Street, Suite 3100
Atlanta, Georgia 30303

Dear Mr. O'Reilly:

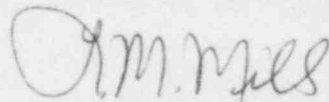
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - UNCOORDINATED DESIGN CHANGE -
BLRD-50-438/81-70, BLRD-50-439/81-69 - FINAL REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on October 28, 1981 in accordance with 10 CFR 50.55(e) as NCR BLN CEB 8109. This was followed by our interim reports dated November 24, 1981 and March 9, 1982. Enclosed is our final report.

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



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, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
UNCOORDINATED DESIGN CHANGE

NCR BLN CEB 8109

BLRD-50-438/81-70, BLRD-50-439/81-69

10 CFR 50.55(e)

FINAL REPORT

Description of Deficiency

TVA drawings 1RW0407-X2-3R11 and 1RW0404-X2-01R6 were submitted, recommended, and approved by the TVA Division of Engineering Design Civil Engineering Branch under an Engineering Change Notice (ECN) S1 designation (i.e., minor change). These revisions incorporated the addition of a "hydrogen vent penetration" which may represent a change which should have been coordinated with other affected organizations.

Safety Implications

Failure to properly coordinate a safety-related design change could result in a deficiency remaining undetected which would adversely affect plant safety.

Corrective Action

The penetration sleeve that was labeled "hydrogen vent penetration" is a spare penetration sleeve and is not scheduled for use. The drawings affected were revised to reflect this and were issued on January 20, 1982. Therefore, corrective action for this deficiency is complete.

It has been determined that the cause of this deficiency is the failure to follow the intent of the TVA Division of Engineering Design Engineering Procedure (EP) 4.02 as it relates to the use of an ECN S1 designation. To prevent recurrence of this deficiency, a reassessment and revision of EP 4.02 is being performed. This revision will apply to all TVA nuclear plants and will be issued on or before November 12, 1982.