

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

March 21, 1983

BLRD-50-438/82-75  
BLRD-50-439/82-69

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USNRC REGION II  
ATLANTA, GEORGIA

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 - FAILURE TO PERFORM ANALYSIS CHECKS  
ON ISOMETRICS AND LOAD TABLES - BLRD-50-438/82-75, BLRD-50-439/82-69 -  
SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector  
R. V. Crlenjak on October 26, 1982 in accordance with 10 CFR 50.55(e) as  
NCR BLN CEB 8215. This was followed by our first interim report dated  
November 24, 1982. Enclosed is our second interim report. We expect to  
submit our next report by March 25, 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

*DS Kammer*

*for* 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

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2  
FAILURE TO PERFORM ANALYSIS CHECKS ON ISOMETRICS  
NCR BLN CEB 8215  
BLRD-50-438/82-75, BLRD-50-439/82-69  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

Description of Deficiency

Problems N4-1KE-F, N4-2KE-F, N4-1NK-B, and N4-2NK-B, isometrics drawings and load tables were signed out and issued before the analysis check was performed. On problems N4-1KE-F and N4-2KE-F, the analysis check has now been performed and several analysis errors have been found which are significant. Problems N4-1NK-B and N4-2NK-B have not been checked at this time. The cited isometrics and load tables are used in the design of essential raw cooling water pipe supports and reactor coolant drains and vents system supports.

Interim Progress

The deficiencies in problem N4-1KE-F have been resolved and the problem is being signed out for issue. Problem N4-2KE-F is scheduled for reanalysis with a late finish date of February 15, 1985. The class 2 analysis of problems N4-1NK-B and N4-2NK-B are scheduled to be completed by August 31, 1983. TVA's review and stress report of problems N4-1NK-B and N4-2NK-B leading to sign-out and issue are to be completed by June 3, 1984.

TVA is still evaluating this deficiency to determine if programmatic deficiencies exist and need to be addressed.