

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

March 30, 1982

BLRD-50-438/82-23

BLRD-50-439/82-20

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 - DEFICIENCIES FOUND BY OIE  
BULLETIN 79-14 INSPECTION PROGRAM - BLRD-50-438/82-23, BLRD-50-439/82-20  
FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector Don Quick on March 1, 1982 in accordance with 10 CFR 50.55(e) as NCR BLN CEB 8202. Enclosed is our first interim report. We expect to submit our next report by August 10, 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*  
L. M. Mills, Manager  
Nuclear Regulation and Safety

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  
DEFICIENCIES FOUND BY OIE BULLETIN 79-14 INSPECTION PROGRAM  
10 CFR 50.55(e)  
BLRD-50-438/82-23, BLRD-50-439/82-20  
NCR BLN CEB 8202  
FIRST INTERIM REPORT

Description of Deficiency

U.S. Nuclear Regulatory Commission, OIE Bulletin 79-14, addresses the concern that installed piping systems including the supports were not in conformance with design documents. The bulletin requires that steps be taken to ensure the seismic analysis accurately reflects the as-constructed configuration. Spot inspections of as-constructed piping systems against analysis isometrics have identified discrepancies that warrant resolution.

Interim Progress

TVA has put support numbers on isometrics and is in the process of developing inspection packages. The packages pull together analysis isometrics, support load tables, and support drawings pertaining to each analysis problem.

A 79-14 program plan has been developed. The program will identify any potential deviations such as potential interferences, dimensional inconsistencies, omissions, support modifications, etc., between the as-constructed piping system and the analysis isometric and support drawings. Each potential deviation will be assigned an identifying number and will be tracked to resolution. Significant deviations will be resolved by reanalysis or by modifications to the piping systems or their supports. Insignificant deviations will be documented by drawing changes or the inspection package. The duration of this NCR will correspond to the duration of the 79-14 program. TVA will provide a final report on the results of the 79-14 program before fuel loading.