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SUBJECT: Interim Deficiency Rept SCR BLN CEB 8705 re unverified sketches used for analysis. Initially reported on 870501. As-built configuration control drawings to be developed & issued. Final rept to be submitted one yr before fuel load.

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TENNESSEE VALLEY AUTHORITY

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JUN 17 1987

BLRD-50-438/87-03
BLRD-50-439/87-02

10 CFR 50.55(e)

U.S. Nuclear Regulatory Commission
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Gentlemen:

BELLEFONTE NUCLEAR PLANT (BLN) UNITS 1 AND 2 - UNVERIFIED SKETCHES USED FOR ANALYSIS - BLRD-50-438/87-03, BLRD-50-439/87-02 - INTERIM REPORT

The subject deficiency was initially reported to NRC-Region II Inspector Art Johnson on May 1, 1987, in accordance with 10 CFR 50.55(e) as SCR BLN CEB 8705. Enclosed is our interim report. We expect to submit our final report on or about one year before fuel load. We do not consider 10 CFR 21 to be applicable to SCR BLN CEB 8705.

A delay in submittal of this report to June 10, 1987, was discussed with NRC-Region II Inspector Gordon Hunegs on June 2, 1987.

If there are any questions, please get in touch with D. L. Terrill at (205) 574-8820.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

J. A. Doman
R. L. Gridley, Director
Nuclear Safety and Licensing

Enclosure
cc: see page 2

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U.S. Nuclear Regulatory Commission

JUN 17 1987

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ENCLOSURE
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
UNVERIFIED SKETCHES USED FOR ANALYSIS
BLRD-50-438/87-03, BLRD-50-439/87-02
SCR BLN CEB 8705
10 CFR 50.55(e)
INTERIM REPORT

Description of Deficiency

Sketches were used to document as-built dimensions for seismic analysis of field routed pipe. The sketches were not issued as "Q" documents, were not formally verified, and cannot be used to maintain configuration control for the life of the plant. With these sketches used as the design basis input for seismic analysis on Category I, I(L)A, and I(L)B piping, the analysis may be invalidated by deficiencies existing in dimensional input.

The cause of this problem is unverified and uncontrolled design input information being used in analysis.

Interim Progress

As-built configuration control drawings (CCD) will be developed and issued for the field routed piping based upon walkdown data. Analysis calculation package input geometry will be compared to the CCD. Any discrepancies found will be corrected and the analysis calculation package revised accordingly.