

TENNESSEE VALLEY AUTHORITY
CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

April 27, 1982

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USNRC REGION II
ATLANTA, GEORGIA

YCRD-50-566/81-02
YCRD-50-567/81-02

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:

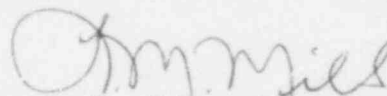
YELLOW CREEK NUCLEAR PLANT UNITS 1 AND 2 - SOURCE INSPECTION -
YCRD-50-566/81-02, YCRD-50-567/81-02 - SIXTH INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector M. Thomas on January 20, 1981 in accordance with 10 CFR Part 50.55(e) as NCR YCN QAB 8101. This was followed by our interim reports dated February 19, June 23, September 4, and December 7, 1981 and February 18, 1982. Enclosed is our sixth interim report. We expect to submit our next report by August 27, 1982.

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

YELLOW CREEK NUCLEAR PLANT UNITS 1 AND 2
SOURCE INSPECTION
NCR YCN QAB 8101
YCRD-50-566/81-02, YCRD-50-567/81-02
10 CFR 50.55(e)
SIXTH INTERIM REPORT

Description of Deficiency

On four separate occasions between June and December 1980, employees of TVA's Division of Construction discovered defects in welds by visual examination after the subject material had been released from the vendor shop by TVA's source inspectors.

All of the four occasions were handled as individual nonconformance reports (NCR's). The specific safety implication of each NCR will be addressed in that manner. However, this NCR was written to address the generic implications associated with a breakdown in the quality system at the source inspection level.

Interim Progress

TVA is continuing its evaluation of the results of the inspection of equipment and material purchased on approximately 200 contracts and major purchase orders. The inspection was to determine the cause or reason the defects were not discovered by source inspection and to determine the appropriate corrective actions. Also, TVA is evaluating the potential generic implications of this deficiency to other TVA plants.