

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

September 4, 1981

YCRD-50-566/81-02

YCRD-50-567/81-02

Mr. James P. O'Reilly, Director  
Office of Inspection and Enforcement  
U.S. Nuclear Regulatory Commission  
Region II - Suite 3100  
101 Marietta Street  
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 - THIRD 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, and June 23, 1981. Enclosed is our third interim report. We expect to submit our next report by December 8, 1981.

If you have any questions concerning this matter, please get in touch with D. L. Lambert at FTS 857-2581.

Very truly yours,

TENNESSEE VALLEY AUTHORITY

*L. M. Mills*  
for L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, Jr., 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  
YCRD-50-566/81-02, YCRD-50-567/81-02  
10 CFR 50.55(e)  
THIRD 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 scheduling a special team of Quality Engineering Branch employees to survey each site for the purpose of:

1. Reviewing weld defects associated with vendor-supplied equipment,
2. Determining the cause or reason the defects were not discovered by source inspection, and
3. Developing appropriate corrective actions.