

TENNESSEE VALLEY AUTHORITY  
CHATTANOOGA, TENNESSEE 37401  
400 Chestnut Street Tower II

February 19, 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 - FIRST 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. Enclosed is our first interim report.  
We expect to submit our next report by June 23, 1981.

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

Very truly yours,

TENNESSEE VALLEY AUTHORITY

L. M. Mills, Manager  
Nuclear Regulation and Safety

Enclosure

cc: Mr. Victor Stello, 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  
10 CFR PART 50.55(e)  
YCRD-50-566/81-02, YCRD-50-567/81-02  
SOURCE INSPECTION  
FIRST 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.

Interim Progress

TVA has initiated a study to determine the generic implications of this condition and develop corrective action.