

PART 21 IDENTIFICATION NO. 81-362-000 COMPANY NAME Tennessee Valley Authority  
 DATE OF LETTER 2/11/81 DOCKET NO. 50-566  
 DATE DISTRIBUTED 2/11/81 a.m. ORIGINAL REPORT ☒ SUPPLEMENTARY ☐

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PDR

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## ACTION:

PRELIMINARY EVALUATION OF THE ATTACHED REPORT INDICATES LEAD RESPONSIBILITY FOR  
 FOLLOWUP AS SHOWN BELOW:

IE ☒NRR ☐NMSS ☐OTHER ☐

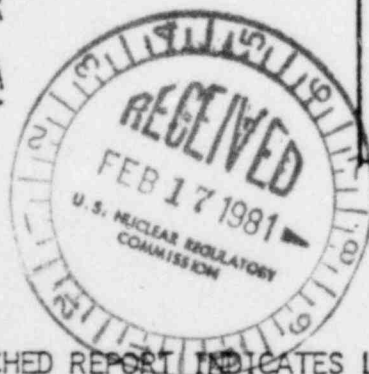
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REC Part 2 ID # 61-362-000  
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

February 5, 1981

50-566

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 UNIT 1 - DEFICIENT WELDS ON GAS STRIPPER MODULE  
- NCR YC-100 - SECOND INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector M. Thomas on October 8, 1980, in accordance with 10 CFR 50.55(e). This was followed by our first interim report dated November 3, 1980. Enclosed is our second interim report. We consider 10 CFR 21 applicable to this deficiency. We expect to submit our next report by March 31, 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, 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

## ENCLOSURE

YELLOW CREEK NUCLEAR PLANT UNIT 1  
DEFICIENT WELDS ON GAS STRIPPER MODULE  
NCR YC-100  
10 CFR 50.55(e)  
SECOND INTERIM REPORT

### Description of Deficiency

During installation of the gas stripper pump module (GSPM) at Yellow Creek Nuclear Plant, a TVA welding inspector noticed several weld deficiencies. For example, fillet welds were found to be undersized with some visible porosity. There also appeared to be a lack of penetration on butt welds. Arc strikes were visible. The GSPM is manufactured by Norwalk Fabricators. It was purchased by TVA from Combustion Engineering.

### Interim Progress

Members of TVA, Norwalk Fabricators, and Combustion Engineering (CE) met onsite on October 16, 1980. After a visual inspection, a conference was held, and the subject deficient welds were discussed.

Since that meeting, Combustion Engineering Power Systems and its subcontractor, Norwalk Fabricators of Branford, Connecticut, have agreed with TVA that repair of the subject deficient welds will be necessary.

TVA has informed CE that TVA is willing to perform the actual repair if CE will accept full responsibility for repair procedures. TVA has suggested guidelines and objectives for these procedures and reserves the right to review and approve any vendor procedure before it is undertaken.