

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

August 13, 1981

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BLRD-50-439/81-48

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:

BELLEFONTE NUCLEAR PLANT UNIT 2 - GOUGES IN PRESSURIZER VESSEL -  
BLRD-50-439/81-48 - FIRST INTERIM REPORT

The subject deficiency was initially reported to NRC-OIE Inspector R. V. Crlenjak on July 14, 1981 in accordance with 10 CFR 50.55(e) as NCR 1522. Enclosed is our first interim report. We expect to submit our next report by November 4, 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

A handwritten signature in cursive script that reads "L. M. Mills".

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

BELLEFONTE NUCLEAR PLANT UNIT 2  
GOUGES IN PRESSURIZER VESSEL  
BLRD-50-439/81-48  
10 CFR 50.55(e)  
FIRST INTERIM REPORT

Description of Deficiency

During an inspection, it was noticed that there were several gouges, approximately 1/16" to 3/16" deep and 1/2" to 1-1/2" long, on the pressurizer vessel. Until the site evaluation is complete, it will not be known if these gouges violate the minimum wall thickness of the vessel. As there is no record of these gouges being present when TVA accepted delivery of the vessel, it is assumed that they were accidentally made by TVA's Division of Construction (CONST). Although it appears that a grinder came in contact with the vessel, the exact cause of the damage is unclear.

Similar deficiencies which have occurred at the site include:

1. Two reactor coolant pump cases (one per unit) which were accidentally gouged, but minimum wall thickness was not violated (NCR's 1442 and 1465).
2. Arc strikes on the elbow connecting the 32-inch cold leg pipe to the steam generator outlet nozzle, which were repaired by buffing (NCR 1212).
3. Arc strikes on the head of a decay heat removal system cooler. TVA is in the process of obtaining corrective action from B&W (NCR 1538).

None of these similar deficiencies were determined to be reportable.

Interim Progress

TVA has notified B&W of this deficiency and requested their recommended corrective action.