

PART 21 IDENTIFICATION NO. 81-342-000 COMPANY NAME Tennessee Valley Authority
DATE OF LETTER 1/12/81 DOCKET NO. 50-439
DATE DISTRIBUTED 1/16/81 p.m. ORIGINAL REPORT ☒ SUPPLEMENTARY ☐

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VENDOR BR. R-IV

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LOEB / MPA MNB 5715

NMSS / FCMS SS-395

NRR/DOL

AEOD MNB 7602

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PDR

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U.S. NUCLEAR REGULATORY COMMISSION

ACTION:

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

IE ☒

NRR ☐

NMSS ☐

OTHER ☐

EES

8101230 311

REV. 8/1/80
9/17/80
12/2/80

1112 Part 2115 81-546-000
TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

January 12, 1981

BLRD-50-439/81-04

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 - ATWOOD AND MORRILL VALVE DEFICIENCY -
BLRD-50-439/81-04 - FIRST INTERIM REPORT

The subject nonconformance was initially reported to NRC-OIE Inspector M. Thomas on December 12, 1980, in accordance with 10 CFR 50.55(e) as NCR 1312. Enclosed is our first interim report. We expect to submit our next written report by April 14, 1981. We consider 10 CFR Part 21 to be applicable to this nonconformance.

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

BELLEFONTE NUCLEAR PLANT UNIT 2
ATWOOD AND MORRILL VALVE DEFICIENCY
BLRD-50-439/81-04
10 CFR 50.55(e)
FIRST INTERIM REPORT

Description of Deficiency

Decay heat removal valve Mark No. 3RW0413-ND-3D (12" check valve) S/N 142-13894 (ASME III-2), which was manufactured by Atwood and Morrill, has a surface crack approximately two inches long. The crack is located in the upper body of the valve.

In addition, an area approximately 2-5/8" by 3-5/8" has been ground to an approximate depth of 1/4". The grinding activity was performed without engineering authorization. The site welding unit was unable to determine minimum wall thickness because of different contours in the valve's inner and outer diameters.

Interim Progress

TVA is in the process of investigating the subject deficiency. The purchasing agent has been notified, and TVA is awaiting instructions from the vendor, Atwood and Morrill.