

REGULATOR INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7907030450 DOC. DATE: 79/06/26 NOTARIZED: NO DOCKET #
 FACIL: 50-438 Bellefonte Nuclear Plant, Unit 1, Tennessee Valley Au 05000438
 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439
 AUTH. NAME: AUTHOR AFFILIATION
 GILLELAND, J. E. Tennessee Valley Authority
 RECIP. NAME: RECIPIENT AFFILIATION
 O'REILLY, J. P. Region 2, Atlanta, Office of the Director

SUBJECT: Responds to 790626 ltr re Insp Repts 50-438/79-05 &
 50-439/79-05. Infraction: failure to follow procedures re
 purging of pipe welds in waste disposal sys. Corrective
 action: QA training. Welds corrected by Jun 1980.

DISTRIBUTION CODE: B0199 COPIES RECEIVED: LTR 1 ENCL 1 SIZE: 2
 TITLE: CONSTRUCTION DEFICIENCY REPORT (10CFR50.55E).

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTTR ENCL
ACTION:	14 PM BOURNIA	1 1	15 BC LWR #3	1 1
	20 LA LWR #3	1 1	21 AD VASSALLO	1 1
INTERNAL:	01 REG FILE	1 1	02 NRC PDR	1 1
	05 T&E	2 2	07 EDO & STAFF	1 1
	08 MPA	1 1	09 DEPY DIR DPM	1 1
	10 GAB	1 1	11 STANDRDS DEV	1 1
	12 JORDAN, E/IE	1 1	13 FIELD COOR/IE	1 1
	16 AD FOR ENGR	1 1	17 AD PLANT SYS	1 1
	17 AD REAC SFTY	1 1	19 AD SYS/PROJ	1 1
	22 DIR DPM	1 1	23 OELD	1 1
	AD/SITE TECH	1 1	DIRECTOR DSE	1 1
	GEOSCIENCES BR	1 1	STRUCT ANLYS BR	1 1
EXTERNAL:	03 LPDR	1 1	04 NSIC	1 1
	24 ACRS	16 16		

JUL 6 1979

TOTAL NUMBER OF COPIES REQUIRED: LTTR 43 ENCL 43

TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

500C Chestnut Street Tower II

JUN 28 1979

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

REGULATORY DOCKET FILE COPY

Dear Mr. O'Reilly:

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - INFRACTION 50-438,
50-439/79-12-02 - FAILURE TO FOLLOW WELDING PROCEDURE PURGING REQUIREMENTS
FOR PIPE WELDS IN WASTE DISPOSAL SYSTEM

This is in response to James P. O'Reilly's letter dated May 31, 1979,
RII:BRC 50-438/79-05, 50-439/79-05, concerning activities at the Bellefonte
Nuclear Plant which appeared to have been in violation of NRC regulations.
Enclosed is our response to the citation.

If you have any questions concerning this matter, please get in touch
with D. L. Lambert at FTS 854-2581.

Very truly yours,

J. E. Gilleland
Assistant Manager of Power

Enclosure

cc: Mr. John G. Davis, Acting Director (Enclosure)
Office of Inspection and Enforcement
U.S. Nuclear Regulatory Commission
Washington, DC 20555

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
INFRACTION 79-12-02
FAILURE TO FOLLOW WELDING PROCEDURE PURGING
REQUIREMENTS FOR PIPE WELDS IN WASTE DISPOSAL SYSTEM

Infraction 50-438, 50-439/79-12-02

As required by Criterion V of Appendix B to 10 CFR 50 and as implemented by Section 17.1A.5 of the FSAR, "Activities affecting quality shall be prescribed by documented instructions, procedures and drawings . . . and shall be accomplished in accordance with these instructions, procedures and drawings." TVA's Detail Welding Procedure GT8801 requires an internal gas purge for welding thin wall stainless steel pipe and paragraph 14.14 of process specification 1.M.1.2(b) specifies in part, "Purging shall be maintained during welding"

Contrary to the above, in 1977 a number of pipe welds in the waste disposal system (examples are welds OWD00108 and OWD00128) were welded without a purge as evidenced by severe oxidation on the internal diameter of the welds.

Corrective Action Taken & Results Achieved

As noted in the inspection report, TVA has reported this condition under 10 CFR 50.55(e) (Item 50-438, 50-439/79-13-01) and has filed an interim report by Letter from J. E. Gilleland to J. P. O'Reilly dated June 15, 1979. This report describes the investigation being performed on this condition and the results achieved to date. The report also describes the corrective action that will be taken for the Waste Disposal System welds discussed in the infraction.

Steps Taken to Avoid Further Recurrence

The above mentioned interim report describes the quality assurance training program that was initiated in November, 1977 to promote awareness in craft personnel (including welders) of the quality and procedural requirements for nuclear plant construction.

Date of Full Compliance

The Waste Disposal System welds will be corrected by June 30, 1980.

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

500C Chestnut Street Tower II

JUN 26 1979

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U.S. Nuclear Regulatory Commission
Region II - Suite 3100
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