

REGULATORY INFORMATION DISTRIBUTION SYSTEM (RIDS)

ACCESSION NBR: 7907030348 DDC 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: GILLELAND, J. E. AUTHDR AFFILIATION: Tennessee Valley Authority
 RECIP. NAME: D'REILLY, J. P. RECIPIENT AFFILIATION: Region 2, Atlanta, Office of the Director

SUBJECT: Forwards response to IE Insp Repts 50-438/79-11 & 50-439/79-11. Infraction: failure to follow procedures for control of welding mats. Caused by employee error. Corrective actions: briefing personnel re requirements & surveillance.

DISTRIBUTION CODE: 80195 COPIES RECEIVED: LTR / ENCL / SIZE: 2
 TITLE: CONSTRUCTION DEFICIENCY REPORT (10CFR50.55E).

NOTES:

	RECIPIENT ID CODE/NAME	COPIES LTR ENCL	RECIPIENT ID CODE/NAME	COPIES LTR 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 IE	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		

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TOTAL NUMBER OF COPIES REQUIRED: LTR 43 ENCL 43

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

500C Chestnut Street Tower II

JUN 26 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 UNIT 1 - INFRACTION 50-438/79-11-01 - FAILURE
TO FOLLOW PROCEDURES FOR CONTROL OF WELDING MATERIALS

This is in response to C. E. Murphy's letter dated May 31, 1979,
RII:EJV 50-438/79-11, 50-439/79-11, 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 UNIT 1
INFRACTION 79-11-01
FAILURE TO FOLLOW PROCEDURES FOR
CONTROL OF WELDING MATERIALS

Infraction 50-438/79-11-01

As required by 10 CFR 50, Appendix B. Criterion V, as implemented by the FSAR, paragraph 17.1.5, activities affecting quality shall be prescribed by documented instructions and procedures and shall be accomplished in accordance with these instructions and procedures. QC Procedure BNP-QCP-8.1, R3 states that all welding materials must be properly stored and that all unused coated electrodes shall be returned to the control center within 4 hours.

Contrary to the above, two bundles (about five pounds) of 7018 coated electrodes were found unattended and improperly stored in the fuel storage building, top floor (667 foot elevation). No welders were in the area and the rods were confiscated after shift change.

Corrective Action Taken & Results Achieved

An apparent willful violation of BNP-QCP-8.1, "Weld Filler Material Control" by a craft welder resulted in this infraction. As required by procedure, the E7018 electrodes were supposed to be returned to a rod control center within the allotted time indicated on the rod control issue slip. However, there was no rod control slip with the filler metal when discovered by the NRC inspector and consequently no positive identification of the welder or the allowable exposure time could be ascertained.

Welding Engineering Unit personnel have increased surveillance activities in Auxiliary Building Phase II, all elevations, as well as other project areas. This surveillance is being documented on the "Welding Surveillance Weekly Checklist" (Attachment B of BNP-QCP-8.1) under the heading of "Other". This increased surveillance has led to the discovery of other instances of uncontrolled filler material which have been corrected.

In addition, a memorandum was issued by the General Construction Superintendent on June 11, 1979, to craft personnel regarding the importance of filler material control.

Steps Taken to Avoid Further Recurrence

Craft personnel have been reinstructed as to the importance of proper filler metal control. Any welders violating the requirements of BNP-QCP-8.1 will have their welding certifications revoked.

Date of Full Compliance

TVA projected that Bellefonte Nuclear Plant would have been in full compliance by June 20, 1979; however, on June 21, 1979, C. E. Murphy, R. W. Wright and W. Kleinsorge of OIE and J. F. Cox of TVA discussed the results of an inspection held on June 12-15, 1979, during which similar noncompliances were uncovered. As a result of the additional concerns raised by this recent inspection, the date of full compliance will be reported in a subsequent response that addresses these concerns.

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