

MAY 1

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 50-439 Bellefonte Nuclear Plant, Unit 2, Tennessee Valley Au 05000439
 AUTH. NAME AUTHOR AFFILIATION
 MILLS, L.M. Tennessee Valley Authority
 RECIP. NAME RECIPIENT AFFILIATION

SUBJECT: Second interim deficiency rept re potential defects in WKM valves. Valves to be visually inspected onsite & at vendor facility.

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 TITLE: Construction Deficiency Report (10CFR50.55E)

NOTES: -----

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INTERNAL:	01	REG FILE	1	1	02	NRC PDR	1	1
	05	I&E	2	2	07	EDO & STAFF	1	1
	08	MPA	1	1	09	DEPY DIR DPM	1	1
	10	QAB	1	1	11	STANDRDS DEV	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
	22	DIR DPM	1	1	23	OELD	1	1
		AD/RCI/IE	1	1		AD/SITE TECH	1	1
		AEOD	1	1		DIRECTOR DSE	1	1
		GEOSCIENCES BR	1	1		HANAUER, S.	1	1
		I&C SYS BR	1	1		MATL ENG BR	1	1
		MECH ENG BR	1	1		POWER SYS BR	1	1
		STRUCT ENG BR	1	1				
EXTERNAL:	03	LPDR	1	1	04	NSIC	1	1
	24	ACRS	16	16				

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TENNESSEE VALLEY AUTHORITY

CHATTANOOGA, TENNESSEE 37401

400 Chestnut Street Tower II

May 13, 1980

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:

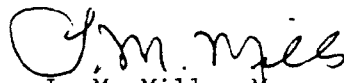
BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2 - POTENTIAL DEFECTS IN WKM
VALVES - NCR BLN NEB 8002 (FORMERLY NEB 80-5) - SECOND INTERIM
REPORT

On February 26, 1980, R. W. Wright, NRC-OIE Region II, was informed that the subject nonconformance was determined to be reportable in accordance with 10 CFR 50.55(e). This was followed by our first interim report dated March 27, 1980. Enclosed is our second interim report. We expect to submit our next report by February 9, 1981.

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

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

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ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
POTENTIAL DEFECTS IN WKM VALVES
NCR BLN NEB 8002 (FORMERLY NEB 80-5)
10 CFR 50.55(e)
SECOND INTERIM REPORT

Description of Deficiency

Recently defects were found in isolation valves supplied by WKM, Division of ACF Industries in Houston, Texas, to Washington Public Power. The valves were manufactured by WKM to the requirements of ASME III, Class 1 and 2. B&W has begun an investigation into these valves to determine the extent and cause of the defects and determine acceptable fixes.

B&W has supplied TVA with four WKM valves to use on Bellefonte Nuclear Plant as control valves. The Bellefonte valves are the control valves in the decay heat cooler outlet (valve mark numbers 1DH-HV3A, 1DH-HV3B, 2DH-HV3A, and 2DH-HV3B).

Interim Progress

TVA requested B&W to advise us of action that will be taken by B&W to resolve this nonconformance and a schedule by which the proposed action will be complete. The B&W proposed action plan to resolve this safety concern on the WKM valves supplied to Bellefonte is:

- Unit 1 - Valves 1DH-HV3A and 1DH-HV3B - These valves are installed. These valves will be given 100 percent visual inspection at the Bellefonte site. B&W will verify that the radiography that was performed has adequate coverage to detect any defects in castings.
- Unit 2 - Valves 2DH-HV3A and 2DH-HV3B - These valves are to be returned to WKM for 100 percent visual inspection and RT verification.