

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.

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