

FINAL REPORT
INCOMPLETE RADIOGRAPHIC FILM PACKAGE
POTENTIAL REPORTABLE DEFICIENCY NO. 78/01

I. Description of the Deficiency:

A review of one (1) 14" Check Valve, which was procured for the High Pressure Core Spray System, indicated that film identification numbers 7 to 8 and 10 to 11 were duplicates. Duplication of the radiographs was determined by indications on the weld bevel configuration, therefore resulting in an incomplete film package from the vendor Atwood and Morrill Company, Inc.

The valve was completely re-radiographed, and a defect was found on the inside of the valve body in the machined area of the weld end preparation. The defect was deep enough to result in a valve body thickness less than the minimum design thickness.

II. Safety Implications:

If the defective valve had been utilized, it could have failed during normal operation of the plant. A failure of the valve would be similar to a steam line break and would cause the accident sensors to initiate an emergency shutdown of the reactor.

III. Corrective Action Taken:

Atwood and Morrill Company, Inc., performed tests, received acceptable results, and verified that all other valves supplied met requirements of the specifications. The supplier also repaired the defective valve before returning it to the jobsite.

Details of the corrective action taken for this deficiency and documentation regarding action taken to prevent recurrence will be documented in Bechtel's Management Corrective Action Report (MCAR) No. GGNS - 40. This report will include action taken by Atwood and Morrill Co. to prevent recurrence of the deficiency. Upon completion of all corrective action the subject MCAR will be available for NRC Review.

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