

ENCLOSURE

BELLEFONTE NUCLEAR PLANT UNITS 1 AND 2
ERCW PUMP MOTORS
NCR 1138
10 CFR 50.55(e)
FINAL REPORT

Description of Deficiency

The nonconformance report identified a problem of rust in the oil reservoirs of seven out of eight essential raw cooling water (ERCW) pump motors. The damage to the motors occurred as the result of covers on the motors being removed to allow coupling to the ERCW pumps, which in turn allowed water to enter the motor.

Safety Implications Statement

Failure to correct the problem could have led to loss of one or more ERCW pump motors. Loss of these pumps would result in loss of cooling to essential equipment required to maintain core cooling.

Corrective Action

TVA has cleaned, flushed with oil, and reinspected four of the seven motors. The site inspector has now approved the use of these motors. The remaining three motors are to be returned to the service shop offsite for repair and cleaning.

Construction installation procedures for installation of these motors are being updated to eliminate the uncovering of motors during adverse weather conditions. Appropriate inspection employees will be retrained on the revised procedures.

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