

Beaver Valley 1 3Q/2004 Plant Inspection Findings

Initiating Events

Significance:  Dec 31, 2003

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

REACTOR TRIP DUE TO PERSONNEL ERROR DURING SOLID STATE PROTECTION SYSTEM TESTING

The inspectors identified a non-cited violation of Technical Specification (TS) 6.8.1, for failure to follow a procedure associated with safety-related equipment on Unit 1. This failure involved human performance errors and resulted in an automatic reactor trip. The corrective actions for this event included procedural improvements and increased management oversight for risk significant activities.

This finding is greater than minor because it affected the Initiating events cornerstone in that the probability of a reactor trip was increased. The finding is of very low safety significance because the event did not increase the likelihood that mitigation equipment or functions would not be available.

Inspection Report# : [2003005\(pdf\)](#)

Mitigating Systems

Significance:  Jul 23, 2004

Identified By: NRC

Item Type: NCV NonCited Violation

INADEQUATE CORRECTIVE ACTION ASSOCIATED WITH A BORIC ACID LEAK ON THE UNIT 1 'A' LHSI PUMP.

The inspectors identified a non-cited violation of 10 CFR 50, Appendix B, Criterion XVI, "Corrective Action," because inadequate corrective action associated with boric acid leakage caused a low head safety injection (LHSI) pump to be rendered inoperable. The affected pump was subsequently repaired and returned to service.

This finding is greater than minor because it affected the availability and reliability of a mitigating systems component. The finding is of very low safety significance because the LHSI pump was out of service for less than its allowed outage time of 72 hours.

Inspection Report# : [2004004\(pdf\)](#)

Significance:  Dec 31, 2003

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

FAILURE TO PERFORM ADEQUATE AND TIMELY CORRECTIVE ACTIONS FOR SPURIOUS 480-VOLT CIRCUIT BREAKER TRIPS

The inspectors identified a non-cited violation of 10 CFR 50, Appendix B, Criterion XVI, Corrective Actions, for the failure to take adequate and timely corrective actions associated with the spurious trip of Unit 1 480V circuit breaker 9P7. This failure rendered an Emergency Diesel Generator (EDG) out of service for over 7 hours. The licensee is currently in the planning stages to resolve the spurious trip issue associated with the affected 480 volt circuit breakers.

The finding was considered a performance deficiency since there was existing generic communications, i.e., NRC IN 93-75, as well as similar failures that occurred in 1997, that were not adequately addressed. The finding is more than minor because it affected the Mitigating System cornerstone objective of ensuring the availability and reliability of systems that respond to initiating events to prevent undesirable consequences. The finding is of very low safety significance because the EDG was out of service for less than the technical specification allowed outage time of 72 hours.

Inspection Report# : [2003005\(pdf\)](#)

Barrier Integrity

Emergency Preparedness

Significance:  May 13, 2004

Identified By: NRC

Item Type: NCV NonCited Violation

PAR DEVELOPMENT DEFICIENCY NOT IDENTIFIED BY THE LICENSEE IN ITS CRITIQUE

The inspectors identified a non-cited violation against 10 CFR 50 Appendix E, Section IV.F.2.g, when the licensee's critique did not identify an invalid radiological release duration time used in dose projections during the May 11, 2004, exercise.

This finding is more than minor because it affects the emergency response organization performance attribute of the emergency preparedness cornerstone. Failing to identify and correct an invalid radiological release duration time could impact the EP cornerstone objective of ensuring that the licensee is capable of implementing adequate measures to protect the health and safety of the public in the event of a radiological emergency. Because the performance problem occurred with a protective action recommendation developed in association with a successful Drill and Exercise Performance (DEP) Performance Indicator (PI) opportunity, it is not considered to be a loss of planning standard function of 10 CFR 50.47(b)(14) and therefore is of very low safety significance.

Inspection Report# : [2004008\(pdf\)](#)

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

[Physical Protection](#) information not publicly available.

Miscellaneous

Last modified : December 29, 2004