

Calvert Cliffs 1

2Q/2005 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance:  Mar 31, 2005

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Change SRW Operating Procedure During Sequencer Modification

The inspectors identified a non-cited violation of Technical Specification 5.4.1.a. "..., written procedures shall be established, implemented,..." because plant procedural requirements were not included in all appropriate sections of the Unit 1 Operating Instruction, OI-15, "Service Water System." Specifically, certain procedural sections in OI -15 did not adhere to OI-15 precaution L, which prohibited the system to be in a configuration where two service water pumps could have loaded simultaneously onto a single emergency diesel generator (EDG). An engineering evaluation performed by the licensee, associated with the two pumps simultaneously loading onto an EDG, determined that this system alignment could have adversely affected the reliability of the safety-related Fairbanks Morse EDG following a loss of offsite power (LOOP) event concurrent with a loss of coolant accident (LOCA).

This finding is greater than minor because it was associated with the Mitigating System Cornerstone human performance attribute and affected the cornerstone's objective of ensuring the availability, reliability, and capability of systems that respond to initiating events. This finding did not involve the actual loss or degradation of equipment specifically designed to mitigate a seismic event or the loss of any safety function. As a result, this finding was determined to be of very low safety significance (Green) in accordance with a Phase 1 risk assessment performed in accordance with Inspection Manual Chapter - 0609, "Significance Determination Process." The inspectors identified that a contributing cause of this finding was related to the cross-cutting area of human performance. The relevant causal factor was personnel because the Unit 1 service water procedures were not appropriately changed by operations procedure writers although a procedure revision was noted in the modification package as being required. (Section 1R15)

Inspection Report# : [2005002\(pdf\)](#)

Significance:  Sep 29, 2004

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Properly Brace Erected Scaffolding (Section 1R15)

The inspectors identified a non-cited violation of Technical Specification 5.4.1.a. "..., written procedures shall be established, implemented,..." because plant procedural requirements were not implemented during the construction of scaffolding erected in the vicinity of safety-related equipment. Specifically, on January 14, 2004, and again on September 14, 2004, the inspectors identified that scaffolding was constructed in close proximity to safety-related equipment without the required bracing. An engineering evaluation performed by the licensee, associated with the January 14, 2004 occurrence, determined that the scaffolding could adversely affect the safety-related 14A, 480 Vac electrical load center cooling function following a seismic event.

This finding is greater than minor because it was associated with the mitigating system cornerstone human performance attribute and affected the cornerstone's objective of ensuring the availability, reliability, and capability of systems that respond to initiating events. Additionally, this finding is consistent with a greater than minor finding as described in NRC Manual Chapter 0612, Power Reactor Inspection Report, Appendix E, Example 4.a. This finding did not involve the actual loss or degradation of equipment specifically designed to mitigate a seismic event or the loss of any safety function. As a result, this finding was determined to be of very low safety significance (Green) in accordance with a phase 1 risk assessment performed in the reactor safety significance determination process. The inspectors identified that a contributing cause of this finding was related to the cross-cutting areas of Human Performance since plant procedures were not followed properly. (Section 1R15)

Inspection Report# : [2004006\(pdf\)](#)

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

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

Miscellaneous

Last modified : August 24, 2005