

Vogtle 1

Initiating Events

G

Significance: Jun 29, 2002

Identified By: Licensee

Item Type: NCV NonCited Violation

Loss of Main Feedwater Leads to Unplanned ESF Actuation and Manual Reactor Trip

Unit 1 Technical Specification (TS) 5.4.1.a requires that written procedures be implemented covering the activities listed in Regulatory Guide 1.33, Revision 2, Appendix A, February 1978, which includes administrative procedures covering authorities and responsibilities for safe operation. Licensee Procedure 10000-C, Conduct of Operations, Revision 50, requires that for any abnormal conditions or indications, the shift operating crew take appropriate actions to stabilize the plant. The failure to take appropriate actions in response to lowering steam generator water levels was a failure to follow Procedure 10000-C. This violation of TS 5.4.1.a is being treated as a non-cited violation. The failure resulted in an unexpected reactor trip and a challenge to safety systems. This [violation] was placed in the licensee's corrective action program as CR 2002001458.

Inspection Report# : [2002002\(pdf\)](#)

Mitigating Systems

G

Significance: Dec 31, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Properly Assemble CCW Valve 1HV11817 Results in CCW Transient

Green. The improper reassembly of a Component Cooling Water isolation valve resulted in the loss of CCW inventory when CCW relief valves lifted. A self-revealing non-cited violation of Technical Specification 5.4.1.a was identified for maintenance personnel failure to follow valve reassembly procedures in March 2002. This finding is greater than minor because it affected the mitigating system cornerstone objective of equipment unavailability and reliability, in that, the lifting of system relief valves challenged the CCW system inventory. The finding is of very low safety significance because the CCW inventory loss was not in excess of the normal system makeup capability.

Inspection Report# : [2002004\(pdf\)](#)

G

Significance: Sep 28, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Adequately Correct EDG TS Surveillance Preconditioning Problem

Green. A Non-Cited Violation of 10 CFR Part 50, Appendix B, Criterion XVI, "Corrective Action," was identified for failing to implement adequate corrective actions for unacceptable preconditioning of the Emergency Diesel Generators (EDGs) prior to Technical Specification surveillance testing. This preconditioning was identified by the NRC in May 2001 and again in July 2002. Licensee corrective actions were ineffective at preventing recurrence of this condition. This finding was of very low significance because no actual loss of EDG safety function or undetected EDG performance condition actually occurred. The direct cause of this finding involved the cross-cutting area of Problem Identification and Resolution (Section 1R22.1).

Inspection Report# : [2002003\(pdf\)](#)

G

Significance: Sep 28, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Promptly Identify and Correct Unit 1, Component Cooling Water Pump #2 Bearing Degradation Problem

Green. A Non-Cited Violation of 10 CFR Part 50, Appendix B, Criterion XVI, "Corrective Action," was identified for failing to take prompt and effective corrective actions following degraded pump inboard oil bearing analysis results associated with Unit 1, Component Cooling Water (CCW) Pump #2. This finding was of concern because it rendered the CCW pump inoperable, but of very low safety significance because no actual loss of CCW safety function occurred. The direct cause of this finding involved the cross-cutting area of Problem Identification and Resolution (Section 1R22.2).

Inspection Report# : [2002003\(pdf\)](#)



Significance: Jun 29, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to Follow Scaffold Construction Procedure - Two Examples

A Non-Cited Violation of Technical Specification 5.4.1.a was identified for plant personnel failing to follow safety related maintenance activity procedures associated with the construction of scaffold near/around safety-related equipment in containment and a Nuclear Service Cooling Water pump. The procedure violations resulted in numerous scaffold construction deviations that were not evaluated for adequacy by engineering to ensure that safety-related equipment would not be adversely impacted by the scaffold during a seismic event. This finding was of very low safety significance because the procedure deviations would most likely not have resulted in the actual collapse of the scaffold during a design basis seismic event. However, failure to follow scaffold construction procedures was identified as a widespread problem due to the multiple examples that were identified. [The violation has been entered into the licensee's corrective action program as CRs 2002001346, 2002001392, and 2002001697.] The direct cause of this finding involved the cross-cutting area of Human Performance (Sections 1R19 and 1R20).

Inspection Report# : [2002002\(pdf\)](#)



Significance: Jun 29, 2002

Identified By: Licensee

Item Type: NCV NonCited Violation

Isolation of the Designated Boration Flow Path

Unit 1 Technical Specification (TS) 5.4.1.a requires that written procedures be implemented covering the activities listed in Regulatory Guide 1.33, Revision 2, Appendix A, February 1978, which includes equipment control activities such as locking and tagging. Licensee Procedure 00304-C, Equipment Clearance and Tagging, Revision 45, Section 4.2.2.3.f, requires that clearances be evaluated for impact on component/system operability and configuration control. The failure to properly evaluate the impact of Clearance 10215123 resulted in the isolation of the designated boration flow path established by Procedure 14406-1, Boron Injection Flow Path Verification - Shutdown. This finding is of very low safety significance since core alterations and positive reactivity additions were not in progress and another boration flow path was available. This issue was placed in the licensee's corrective action program as CR 2002001251. (Green)

Inspection Report# : [2002002\(pdf\)](#)



Significance: Jun 29, 2002

Identified By: Licensee

Item Type: NCV NonCited Violation

Improperly Wired Interlocks Affects ECCS Recirculation Valve

Unit 1 Technical Specification (TS) 3.5.2 requires that two trains of ECCS shall be available when in modes 1, 2 and 3. The licensee discovered that, due to valve wiring errors, a loss of A train power (single failure) would have prevented the establishment of High Pressure Recirculation from the control room from either train. This was a violation of TS 3.5.2 which was caused by human performance errors. This issue was placed in the licensee's corrective action program as CR's 2002000723 and 2002001223. Additional information on this issue can be found in Section 4OA3 of this report. (Green)

Inspection Report# : [2002002\(pdf\)](#)

Barrier Integrity



Significance: Jun 29, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Ineffective Implementation of Containment Equipment Hatch Emergency Closure Administrative Controls

A Non-Cited Violation of Technical Specification 5.4.1.a was identified for plant personnel failing to follow safety related maintenance activity procedures associated with emergency closure of the containment equipment hatch during reactor vessel refueling. The procedure violations had the potential to affect the licensee's capability to promptly close the containment equipment hatch during a fuel handling accident. The finding was of very low safety significance because no fuel handling event actually occurred requiring implementation of the containment equipment hatch emergency closure procedure and the discrepancies identified would likely not have resulted in preventing the licensee's capability of closing the equipment hatch at the time the issue was identified. In addition, the licensee's analyses of a fuel handling accident without closure of the equipment hatch does not result in radiological exposures to the public or control room operators that exceed regulatory limits. [The violation has been entered into the licensee's corrective action program as CRs 2002001165, 2002001172, and 2002001322.] The

direct cause of this finding involved the cross-cutting area of Human Performance (Section 1R20).
Inspection Report# : [2002002\(pdf\)](#)

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

Significance: SL-IV Dec 31, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Falsification of Security Access Control System Records

A Severity Level IV, non-cited violation of 10 CFR 50.9 was identified for the failure to maintain the results of a drug screening test and the associated entry in the licensee's Access Control System database complete and accurate in that the site Fitness-for-Duty Coordinator deliberately altered information indicating a specimen was negative for drugs when it was, in fact, positive for marijuana and amphetamines. Because this issue involved willfulness on the part of a licensee employee and inaccurate information which impacts the regulatory process, it was not subject to the provisions of the Reactor Oversight Process, and was dispositioned in accordance with traditional enforcement. The finding was determined to be greater than minor because a barrier was lost in the physical security system in that the failure to properly categorize and report a positive drug test result had the potential to allow unescorted plant access to an individual who did not meet access requirements.

Inspection Report# : [2002004\(pdf\)](#)

Miscellaneous

Last modified : March 25, 2003