

## Vogtle 1

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### Initiating Events

G**Significance:** Dec 14, 2001

Identified By: NRC

Item Type: NCV NonCited Violation

**A Non-cited violation was identified for inadequate Procedural Guidance for Establishing Nuclear Service Cooling Water System (NSCW) Single Pump Operation.**

A non-cited violation (NCV) of Technical Specification (TS) 5.4.1.a. was identified for an inadequate abnormal operating procedure (AOP). The procedural guidance contained in AOP 18021-C, Loss of Nuclear Service Cooling Water System (NSCW), directed the operators to use a system operating procedure that did not provide adequate guidance to establish NSCW single pump operation for the condition that was being addressed by AOP 18021-C. This finding had a credible impact on safety, in that, the inadequate guidance in AOP 18021-C could affect the ability of the operators to establish cooling to the reactor coolant pump (RCP) seals in a timely manner to reduce the likelihood of a RCP seal loss of coolant accident following a loss of both trains of the NSCW system. This finding was of very low safety significance based on the minimal risk increase associated with a non-proceduralized recovery action in the control room, given ample time to accomplish the task and sufficient indications and general training to know what to do, versus taking the same recovery action with the benefit of a procedure.

Inspection Report# : [2001008\(pdf\)](#)G**Significance:** Dec 30, 2000

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

**INADEQUATE TECHNICAL SPECIFICATION (TS) SURVEILLANCE PROCEDURE RESULTS IN REACTOR TRIP**

Unit 1 TS 5.4.1.a requires that written procedures shall be established, implemented and maintained covering the activities listed in Regulatory Guide 1.33, Revision 2, Appendix A, February 1978. The failure to have an adequate TS surveillance procedure for conducting reactor protection system testing on December 9, 2000, was a violation of TS 5.4.1.a. This violation was entered in the licensee's corrective action program as CR 2000002309. The inspectors reviewed this licensee identified violation and determined the violation was of very low significance.

Inspection Report# : [2000005\(pdf\)](#)

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### Mitigating Systems

G**Significance:** Dec 29, 2001

Identified By: Licensee

Item Type: NCV NonCited Violation

**Failure to Follow Procedure was a Violation of Unit 1 Technical Specification 4.1.a.**

NCV 50-424/01-06-01 was issued for a licensee identified violation. 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. Regulatory Guide 1.33, Appendix A includes equipment control activities such as equipment locking and tagging. The failure to correctly position breaker 1BA03-15 in the disconnect position as required by the clearance step was a failure to follow licensee Procedure 00304-C, Equipment Clearance and Tagging, and was a violation of TS 5.4.1. a. This failure rendered the adjacent breakers (1B Containment Spray pump and Component Cooling Water pump #6) inoperable for a period of approximately 17.5 hours. This issue was placed in the licensee's corrective action program as CR 2001001914.

Inspection Report# : [2001006\(pdf\)](#)G**Significance:** May 29, 2001

Identified By: NRC

Item Type: NCV NonCited Violation

**Failure to Prevent Recurrence of Chemical Residue Accumulation on EDG Overspeed Trip Valves**

The inspectors identified that the licensee failed to implement adequate corrective actions in response to jacket water leakage and chemical residue accumulation which had previously resulted in the failure of both overspeed trip vent valves on the 1A Emergency Diesel Generator (EDG). This finding was also a Non-Cited Violation of 10 CFR Part 50, Appendix B, Criterion XVI, Corrective Action. This finding was more than minor

because a failure of the overspeed trip vent valves could result in engine damage during an overspeed condition. The finding was of very low safety significance because no loss of safety function of the EDG occurred.

Inspection Report# : [2001003\(pdf\)](#)

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**Significance:** Dec 30, 2000

Identified By: Licensee

Item Type: NCV NonCited Violation

**FAILURE TO TEST SAFETY INJECTION VALVE WITH INSTRUCTIONS APPROPRIATE TO THE CIRCUMSTANCES RESULTS IN INOPERABILITY OF SAFETY INJECTION SYSTEM**

10 CFR 50, Appendix B, Criterion V, requires that activities affecting quality shall be prescribed by documented instructions or procedures of a type appropriate to the circumstances. On September 17, 2000, the licensee failed to perform testing of valve 1HV8802A with instructions appropriate to the circumstances, resulting in the failure to adequately control the system configuration and the inadvertent entry into TS 3.0.3 due to rendering both trains of SI inoperable. This violation was entered in the licensee's corrective action program as CR 2000001563. The inspectors reviewed this licensee identified violation and determined the violation was of very low significance.

Inspection Report# : [2000005\(pdf\)](#)

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## Barrier Integrity

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## Emergency Preparedness

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## Occupational Radiation Safety

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## Public Radiation Safety

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**Significance:** Dec 30, 2000

Identified By: Licensee

Item Type: NCV NonCited Violation

**FAILURE TO SURVEY RADIOACTIVE MATERIAL AS REQUIRED BY 10 CFR 20.1501**

10 CFR 20.1501 requires licensee's perform surveys that are reasonable under the circumstances to evaluate radiological hazards. The licensee failed to perform adequate surveys resulting in a package containing radioactive material being released offsite on November 9, 2000. This violation was entered in the licensee's corrective action program as CR 2000002181. The inspectors reviewed this licensee identified violation and determined the violation was of very low significance.

Inspection Report# : [2000005\(pdf\)](#)

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## Physical Protection

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**Significance:** Mar 31, 2001

Identified By: NRC

Item Type: NCV NonCited Violation

**DISQUALIFYING BACKGROUND INFORMATION NOT PROCESSED PER LICENSEE PROCEDURES**

A non-cited violation of licensee procedures as required by 10 CFR Part 73.55 was identified due to the licensee failing to promptly enter potentially disqualifying information into the Plant Access Data System (PADS) for an individual who had apparently failed to provide accurate criminal history information during employee screening. Also, telephone contact was not made with other utilities where the individual was actively badged,

notifying them of the information. The licensee received the criminal history information on March 29, 1999. PADS was not updated until September 20, 2000. Using the Physical Protection Significance Determination Process, this finding was determined to be of very low significance due to the absence of a malevolent act. It was more than minor because the individual was able to access two other Nuclear Plants after the licensee had received the potentially disqualifying information from the criminal history check. This information is relied upon by other utilities participating in the PADS program and may have led to a decision by the other utilities to deny the worker unescorted access.

Inspection Report# : [2000006\(pdf\)](#)

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## Miscellaneous

**Significance:** N/A Jan 26, 2001

Identified By: NRC

Item Type: FIN Finding

### **ANNUAL BASELINE INSPECTION FOR PROBLEM IDENTIFICATION AND RESOLUTION**

Overall, the licensee's Corrective Action Program (CAP) was effective at identifying, evaluating, and correcting problems. The threshold for entering problems into the CAP was low, resulting in a large number of Condition Reports (CRs). Problems entered into the CAP were adequately evaluated and appropriate actions were taken to resolve the problem. One exception was noted concerning the resolution of human performance errors associated with configuration control of components. Although the problem had been previously identified by the licensee as a management priority, the number of instances had remained elevated since the previous NRC team inspection of the CAP in March 2000. The problem was not captured in a single overall CAP trend CR. Therefore, a comprehensive analysis of the scope of the problem and a comprehensive corrective action plan was not developed. Although additional and appropriate corrective actions were taken by the licensee, they were not coordinated or tracked by the CAP. Some instances of incorrect classification, evaluation, and documentation of low-level CRs were noted. System engineers were found to use the CAP effectively to address equipment issues. Quality Assurance organization audits were effective in identifying issues but licensee self-assessments were inconsistent in scope and format. Self-assessment findings were not always entered into the CAP which was also noted on the previous NRC inspection of corrective action. A safety conscious work environment was found where employees felt free to raise safety issues in CRs or the employee concerns program.

Inspection Report# : [2001002\(pdf\)](#)

Last modified : March 29, 2002