

# Hatch 1

## 3Q/2006 Plant Inspection Findings

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### Initiating Events

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### Mitigating Systems

**Significance:** SL-IV Sep 30, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

**Failure to Report Safety Relief Valve Test Results Outside Technical Specification Limits.**

An NRC-identified non-cited violation of 10 CFR 50.73 (a)(2)(i)(B) was identified for failure to report past conditions prohibited by plant Technical Specifications (TSs). The inspectors determined that, during the most recent operating cycle for both Units 1 and 2, several main steam safety/relief valves exceeded the TS lift setting tolerance.

This finding was evaluated using the traditional enforcement process because the failure to accurately report events has the potential to impact the NRC's ability to perform its regulatory function. This finding was determined to be a Severity Level IV violation based on Supplement I of the NRC Enforcement Policy.

Inspection Report# : [2006004\(pdf\)](#)

**Significance:**  Jul 14, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

**Failure to Use Adequate Test Instrumentation During Room Cooler Performance Tests.**

The team identified a Green non-cited violation (NCV) of 10 CFR Part 50, Appendix B, Criterion XI, Test Control, for not assuring adequate test equipment or suitable environmental conditions were used for testing safety related room coolers. Specifically, the licensee used instrumentation with excessive instrument inaccuracies and did not establish the proper test conditions with an adequate room heat load as described in GL 89-13. The licensee entered this finding into their corrective action program as CR-2006107057 and planned to reestablish a baseline for room cooler performance.

This finding is greater than minor because it is related to the equipment performance attribute of the mitigating systems cornerstone and affects the objective of ensuring the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences. This finding is of very low safety significance because the operability evaluation performed by the licensee determined that the margin afforded by the excess design capacity of these room coolers and the actual assumed accident heat loads were such that the room coolers could perform their safety function. The cause of the finding is related to the cross-cutting element of human performance in the aspect of resources.

Inspection Report# : [2006007\(pdf\)](#)

**Significance:**  Jul 14, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

**Failure to Analyze Circuit Components with Motor Thermal Overload Devices Bypassed.**

The team identified a Green non-cited violation (NCV) of 10 CFR Part 50,

Appendix B, Criterion III, Design Control, relating to a design deficiency which has existed since initial plant operation. Specifically, the team identified that the licensee bypassed the thermal overload protection of several 600 Volt motors and failed to evaluate and fully understand the effect on each motor's circuit components to ensure that they would be able to withstand motor overload currents without catastrophic failure. The licensee initiated a corrective action to evaluate the effect of overcurrent on 600 Volt motor circuit components and entered the finding into their corrective action program as CR-2006107110.

This finding is greater than minor because it is associated with the design control attribute of the mitigating systems cornerstone and affected the cornerstone objective of ensuring reliable, available, and capable systems that respond to initiating events to prevent undesirable consequences. This finding is of very low safety significance because no loss of safety function occurred and only limited equipment on one motor control center would be lost in an overcurrent condition due to selective tripping. The cause of the finding is related to the cross-cutting element of problem identification and resolution in the aspect of operating experience.

Inspection Report# : [2006007\(pdf\)](#)

**Significance:**  Jul 14, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

**Alternate Boron Injection Supply Hose not suitable for pump suction application.**

The team identified a Green non-cited violation (NCV) of 10 CFR Part 50

Appendix B, Criterion III, Design Control, for improperly analyzing and allowing the use of a collapsible fire hose in the transfer of borated water from the standby liquid control (SLC) pump moat to the high pressure safety injection (HPCI) pump suction during alternate SLC injection in accordance with emergency operating procedures. This finding has been entered into the licensee's corrective action program as CR 2006106806.

This finding is greater than minor because it is related to the design control attribute of the mitigating systems cornerstone and affected the cornerstone objective of ensuring the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences (i.e., core damage). This finding is of very low safety significance because although the alternate boron injection flowpath would not function reliably, the actual safety system function was not lost due to the availability of the two trains of the normal SLC system.

Inspection Report# : [2006007\(pdf\)](#)

**Significance:**  Mar 31, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

**Failure to Demonstrate that the Traveling Water Screen System Was Effectively Controlled per 10 CFR 50.65 (a)(2)**

An NRC-identified Non-Cited Violation (NCV) of 10 CFR 50.65 (Maintenance Rule) was identified for failing to demonstrate that the performance of the Traveling Water Screens (TWS) was being effectively controlled through the performance of appropriate preventive maintenance such that the system remained capable performing its intended function to provide adequate water quality to the safety-related Residual Heat Removal Service Water (RHRSW) pumps. As a result, after the Maintenance Rule (a)(2) performance criteria was exceeded, the licensee had neither established goals nor monitored the performance of the TWS per 10 CFR 50.65 (a)(1). The licensee entered their failure to monitor the performance of the TWS into their Corrective Action Program for resolution.

This finding was more than minor because it adversely affected the equipment performance attribute associated with the Mitigating Systems cornerstone objective in that debris were able to bypass the TWS which degraded RHRSW pump flow. This finding was of very low safety significance because redundant RHRSW pumps were operable and the affected

RHRWSW pumps were returned to operable status within the Technical Specification allowed outage times. This finding directly involved the cross-cutting aspect of Problem Identification and Resolution, in that, the licensee failed to identify that each of the RHRWSW pump degraded flow events were maintenance preventable functional failures of the TWS.  
Inspection Report# : [2006002\(pdf\)](#)

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## Barrier Integrity

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## Emergency Preparedness

**Significance:** SL-IV Jun 23, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

### **Implementation of a Change which Decreased the Effectiveness of the Emergency Plan, Version 24**

A Severity Level IV non-cited violation was identified for failure to comply with the emergency plan change requirements of 10 CFR 50.54(q). A change involving removal from the Emergency Plan of the licensee's methodology for determining offsite Protective Action Recommendations (PAR) decreased the effectiveness of the Emergency Plan, Version 24, without prior NRC approval.

The finding was evaluated using the NRC's Enforcement Policy because licensee reductions in the effectiveness of its emergency plan impact the regulatory process. This finding is more than minor because it involved deletion from the licensee's Emergency Plan of most of the substantive information addressing emergency planning standard 10 CFR 50.47 (b)(10). The finding was determined to be a Severity Level IV violation because it involved licensee failure to meet an emergency planning requirement not directly related to assessment and notification.

Inspection Report# : [2006013\(pdf\)](#)

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## Occupational Radiation Safety

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## Public Radiation Safety

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## Physical Protection

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

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## Miscellaneous

Last modified : December 21, 2006