

## Hatch 2

### 2Q/2005 Plant Inspection Findings

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#### Initiating Events

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#### Mitigating Systems

**Significance:**  Jun 30, 2005

Identified By: NRC

Item Type: NCV NonCited Violation

##### **Untimely and Unapproved Manual Operators Actions for Post-Fire SSD**

The inspectors identified a non-cited violation of Technical Specification 5.4.1.a because Abnormal Operating procedure 34AB-X43-001-2, "Fire Procedure," was not adequate to preclude spurious opening of all eleven safety relief valves (SRVs) during plant fires. In lieu of protecting the cables, a local manual operator action was directed to preclude spurious opening of the SRVs as a result of fire damage to cables in the SRV control circuitry. The inspectors determined that the local manual operator action would not be performed in sufficient time to be effective.

The finding is greater than minor because it affects the Mitigating Systems cornerstone objective of ensuring the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences. Specifically, spurious operation of all SRVs during certain fire scenarios could complicate post-fire recovery actions. The finding is associated with the protection against external factors attribute. The finding was evaluated using the Fire Protection SDP and was determined to be a finding of very low safety significance because the likelihood of starting a fire in Fire Area 2104 was very low and equipment needed to mitigate the transient caused by all SRVs opening would be unaffected by the fire. In addition, the inspectors verified the systems and equipment required to achieve and maintain hot shutdown conditions would remain free of fire damage and that safe shutdown capability could be achieved even with all SRVs open.

Inspection Report# : [2005003\(pdf\)](#)

**Significance:** SL-IV Sep 25, 2004

Identified By: NRC

Item Type: NCV NonCited Violation

##### **Failure to Perform 10 CFR 50.59 Evaluation**

The inspectors identified a SL-IV non-cited violation (NCV) when the licensee failed to perform a 10 CFR 50.59 screening or evaluation for failing closed the RHRSW minimum flow valves. This evaluation was required to demonstrate that the change did not create the possibility of a malfunction of equipment important to safety with a different result than any previously evaluated in the updated final safety analysis report (UFSAR).

As described in the NRC Enforcement Policy, violations of 10 CFR 50.59 are considered to potentially impede or impact the regulatory process. Therefore, the significance of this finding was assessed using the Enforcement Policy Supplements. The inspectors determined the finding was more than minor because the inspectors could not reasonably determine that the change would not ultimately require NRC approval, based on the lack of licensee documentation related to compensatory measures, short or long term corrective actions. Based on the inspectors review of the licensee's 10 CFR 50.59 evaluation, this violation was determined to be of very low safety significance.

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

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#### Barrier Integrity

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#### Emergency Preparedness

**Significance:** TBD Jun 30, 2005

Identified By: NRC

Item Type: AV Apparent Violation

##### **Failure to Maintain Facilities and Equipment to Support Emergency Response**

The NRC identified an apparent violation associated with emergency preparedness planning standard 10 CFR 50.47(b)(8). [The Technical

Support Center (TSC) was rendered inoperable for greater than seven days due to planned modification activities.]

This finding is greater than minor because it is associated with the Facilities and Equipment attribute of the Emergency Preparedness (EP) Cornerstone and impacts the objective of the Hatch TSC to maintain facilities and equipment to support emergency response in that the TSC was inoperable during the modification activities and could not be returned to operable within a short period. Based upon IMC 0609, Appendix B, Emergency Preparedness Significance Determination Process, Sheet 1, and the examples provided in Section 4.8, this finding was [preliminarily] determined to be of low to moderate safety significance (White) because the PS function was lost in that the TSC was inoperable for greater than seven days due to a planned outage in which activities were not scheduled to proceed with high priority for completion.  
Inspection Report# : [2005003\(pdf\)](#)

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## Occupational Radiation Safety

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### Public Radiation Safety

**Significance:**  Mar 31, 2005

Identified By: NRC

Item Type: NCV NonCited Violation

#### **Failure to Implement Appropriate DOT Type A Package Closure Requirements**

An NRC-identified non-cited violation of 10 CFR 71.5 was identified for failure to implement current package design specifications for proper closing of Type A shipping packages (CRDM shipment boxes) as required by DOT regulations. Specifically, for Type A packages containing CRDM equipment shipped between January 2003 and February 2005, the licensee failed to prepare the package closures in accordance with vendor package specifications as required by 49 CFR 173.475(e).

This finding is more than minor because it is associated with the public radiation cornerstone program and process attribute and it affected the cornerstone objective to ensure adequate protection of public health and safety from exposure to radioactive material released into the public domain. The issue was reviewed using the Public Radiation Safety Significance Determination Process and was determined to be of very low safety significance (Green) because a radiation limit was not exceeded nor was the packaging breached. In addition, previous shipments made by the licensee had arrived at their destination with no identified degradation of the subject packaging and immediate corrective actions assured that on-going CRDM equipment packages were prepared properly prior to shipment.

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

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### Physical Protection

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

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### Miscellaneous

Last modified : August 24, 2005