

# Harris 1

## 3Q/2006 Plant Inspection Findings

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### Initiating Events

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### Mitigating Systems

**Significance:**  Jun 30, 2006

Identified By: Self-Revealing

Item Type: NCV NonCited Violation

#### **Failure to Follow Procedure During Service Water Control Valve Preventive Maintenance**

A Green self-revealing NCV of Technical Specification (TS) 6.8.1 was identified for the failure to follow procedures while performing maintenance on a service water valve which supports the train "A" essential services chilled water (ESCW) system chiller. This deficiency led to the valve actuator disconnecting from the valve, and rendered the train "A" ESCW system chiller inoperable. The licensee entered this failure to follow procedure into the Corrective Action Program (CAP).

This finding is more than minor because it affected the reliability objective of the equipment performance attribute under the Mitigating Systems Cornerstone in that it affected the mitigating availability of the train "A" ESCW chiller. This finding was determined to be of very low safety significance (Green) because it did not represent a loss of system safety function, the single train of the ESCW system affected did not lose functionality for greater than the TS allowed outage time, and the finding was not potentially risk-significant due to external events. This finding is associated with the cross-cutting area of human performance because maintenance personnel improperly executed plant procedures. (Section 1R15)

Inspection Report# : [2006003\(pdf\)](#)

**Significance:**  Jun 30, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

#### **Failure to Maintain Adequate Procedures Such That a Required Torque Was Not Provided for a Threaded Fastener on an ESCW System Chiller**

A self-revealing NCV was identified for the failure to maintain adequate procedures for the performance of maintenance on the ESCW system chillers. Specifically, procedures lacked sufficient details to perform maintenance on the chiller's pre-rotational vane actuator. This deficiency led to the train "A" ESCW system chiller being incapable of starting and inoperable for a period of time greater than allowed by the TS.

This issue is more than minor because it affected the reliability objective of the equipment performance attribute under the Mitigating Systems Cornerstone in that it affected the mitigating availability of the train "A" ESCW chiller. Based upon the additional input provided by the licensee at the Regulatory Conference, the NRC has concluded that the final significance of the finding is appropriately characterized as Green (i.e., a finding of very low safety significance), in the Mitigating System cornerstone. A contributing cause of this issue is associated with the cross-cutting area of human performance, in that the maintenance organization did not generate specific, written procedures to perform ESCW maintenance. (Section 1R15)

Subsequently, NRC issued a Choice Letter with preliminary White finding on September 11, 2006. Significance Determination Process (SDP) Phase 3 analysis results were enclosed in the Choice Letter.

A Regulatory Conference meeting was held on October 13, 2006, in Region II office. A final SDP letter (Inspection Report No. 05000400/2006009) was issued on November 14, 2006, with a Green Non-Cited Violation finding. Accordingly, apparent violation (AV) 05000400/2006003-01 and Licensee Event Report 05000400/2006-002-00, ESCW Inoperable for

a Period Longer than Allowed by Technical Specifications Due to Inadequate Procedure, are closed.

Inspection Report# : [2006003\(pdf\)](#)

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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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## **Physical Protection**

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

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## **Miscellaneous**

Last modified : December 21, 2006