

Farley 1

2Q/2007 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance:  Dec 31, 2006

Identified By: NRC

Item Type: NCV NonCited Violation

Inadequate Corrective Actions for Main Steam Isolation Valve Failures

An NRC-identified non-cited violation of 10 CFR 50 Appendix B, Criterion XVI, Corrective Actions, was identified for failure to correct repetitive failures of main steam isolation valves (MSIVs). The April 2006 failure of the three Unit 1 outboard MSIVs to properly operate exhibited similar symptoms to three previous failures which occurred over the period of 2000 to April, 2006. The inspectors identified a number of missed opportunities for the licensee to properly identify and correct the failure mechanisms which led to the most recent failures. The licensee has entered this violation into the corrective action program as CR 2006103043.

This finding is of greater than minor safety significance because it affected the objectives of the Mitigating Systems cornerstone. It affected the availability and reliability of systems that mitigate initiating events to prevent undesirable consequences and the ability of the outboard MSIVs to close. This finding is of very low safety significance because based on the identified failure mechanisms, the inboard valves were generally independent of the outboard valves performance. The finding had problem identification and resolution cross-cutting aspects related to failure of the licensee to thoroughly evaluate problems such that the resolutions address causes and extent of conditions as necessary.

Inspection Report# : [2006005](#) (*pdf*)

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

Although the NRC is actively overseeing the Security cornerstone, the Commission has decided that certain findings

pertaining to security cornerstone will not be publicly available to ensure that potentially useful information is not provided to a possible adversary. Therefore, the [cover letters](#) to security inspection reports may be viewed.

Miscellaneous

Last modified : August 24, 2007