

McGuire 2

2Q/2014 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance:  Mar 31, 2014

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to adequately control transient combustible materials in accordance with the fire protection program

An NRC-identified NCV of the McGuire Unit 1 and Unit 2 Renewed Facility Operating License Condition 2.C.4, Fire Protection Program (FPP), was identified for the licensee's failure to adequately control the storage of transient combustibles in the 2A residual heat removal (ND)/containment spray (NS) heat exchanger room near safe shutdown equipment in accordance with the FPP requirements. The licensee initiated immediate corrective actions to evaluate the transient combustible fire loading and remove all the unapproved transient combustibles from the area. This condition was placed in the licensee's corrective action program (CAP).

The licensee's failure to control the storage of transient combustibles in accordance with procedure NSD 313 was more than minor because it was associated with the Mitigating Systems cornerstone attribute of Protection Against External Factors (Fire) and adversely affected the cornerstone objective in that a fire involving transient combustibles could have affected nearby power cables and motor operator for valve 2ND-58A which provides a safe shutdown mitigation function. The finding was determined to have very low safety significance (Green) because it did not affect the ability of the reactor to reach and maintain cold shutdown condition. This finding had a cross cutting aspect of Teamwork in the Human Performance area because multiple groups were responsible for bringing the transient combustibles into the area and the individuals failed to effectively communicate and coordinate their activities to ensure that transient combustible control processes were appropriately implemented (H.4). (Section 1R05.1)

Inspection Report# : [2014002](#) (*pdf*)

Significance:  Mar 31, 2014

Identified By: NRC

Item Type: NCV NonCited Violation

Failure to adequately control the use of self-extinguishing fire lids

An NRC-identified NCV of the McGuire Unit 1 and Unit 2 Renewed Facility Operating License Condition 2.C.4, FPP, was identified for the licensee's failure to adequately control the storage of transient combustibles in waste receptacles equipped with self-extinguishing fire lids in accordance with the FPP requirements. The licensee took actions to correct all waste receptacles in the plant that were filled beyond the manufacturer's specification or had loosely fitted lids. This condition was placed in the licensee's corrective action program.

The licensee's failure to control the storage of transient combustibles in accordance with the requirements of NSD-313 was more than minor because it was associated with the Mitigating Systems cornerstone attribute of Protection Against External Factors (Fire) and adversely affected the cornerstone objective in that the self-extinguishing function

was not retained which could allow the spread of the fire and adversely affect mitigating system equipment in the area. The finding was determined to be of very low safety significance (Green) because it did not affect the ability of the reactor to reach and maintain cold shutdown conditions. A cross-cutting aspect was not assigned because the performance deficiency does not reflect current licensee performance. (Section 1R05.2)

Inspection Report# : [2014002](#) (*pdf*)

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Security

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page. Therefore, the [cover letters](#) to security inspection reports may be viewed.

Miscellaneous

Significance: N/A Jun 26, 2014

Identified By: NRC

Item Type: FIN Finding

Biennial PI&R Summary

The team concluded that, in general, problems were properly identified, evaluated, prioritized, and corrected. The threshold for initiating Problem Identification Program entries (PIPs) in the corrective action program (CAP) was appropriately low, as evidenced by the types of problems identified and the number of PIPs entered annually into the CAP. However, the team did identify deficiencies in the areas of identification of problems, prioritization and evaluation of identified problems, and effectiveness of corrective actions. The team noted that the licensee's 2014 CAP audit results were in line with the team's observations and findings.

The inspectors determined that overall audits and self-assessments were adequate in identifying deficiencies and areas for improvement in the CAP, and appropriate corrective actions were developed to address the issues identified. Operating experience usage was found to be generally acceptable and integrated into the licensee's processes for performing and managing work, and plant operations.

Based upon interviews conducted with plant employees from various departments and a review of the 2013 Safety Culture Assessment Report, the team determined that personnel at the site felt free to raise safety concerns to management and use the CAP to resolve those concerns.

Inspection Report# : [2014007](#) (*pdf*)

Last modified : August 29, 2014