

Farley 2 4Q/2015 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance:  Dec 31, 2015

Identified By: Self-Revealing

Item Type: NCV Non-Cited Violation

Failure to Provide Adequate Instructions for the 2A Service Water Pump Motor Cable Connections

A self-revealing, non-cited violation of Technical Specification 5.4 “Procedures,” was identified for the failure to provide an adequate procedure for installing the 2A service water (SW) pump motor cable connections. As a result, the connection degraded over time, which degraded the Raychem insulation that caused the circuit breaker to trip on overcurrent. The licensee repaired the 2A SW pump motor cable connection under WO SNC717176 and returned the pump to service on October 16, 2015. This event was captured in the licensee’s corrective action program with CR 10135057.

The performance deficiency was more than minor because it was associated with the procedure quality attribute of the mitigating systems cornerstone and adversely affected the cornerstone objective because the inadequate procedure resulted in the pump circuit breaker trip due to an overcurrent condition. The significance of this finding was determined to be of very low safety significance (Green). This finding was associated with the cross-cutting aspect of Evaluation in the Problem Identification and Resolution area. [P.2]

Inspection Report# : [2015004](#) (*pdf*)

Significance:  Mar 31, 2015

Identified By: NRC

Item Type: NCV Non-Cited Violation

Failure to identify deficiencies during a fire drill

A NRC-identified NCV of Farley Nuclear Plant, Unit 1, Operating License Condition 2.C.(4), and Unit 2, Operating License Condition 2.C.(6), “Fire Protection” was identified for the licensee’s failed to identify deficiencies during a fire drill as required by procedure NMP-TR-425, “Fire Drill Program”, Version 7.2. This violation was entered into the licensee’s corrective action program as CR 10038847 and CR 10038846.

The licensee’s failure to identify deficiencies during the drill was a performance deficiency (PD). This PD was more than minor because it was associated with the Protection Against External Events attribute (i.e., fire) of the Mitigating Systems cornerstone and adversely affected the cornerstone objective in that the failure to identify and correct fire brigade deficiencies could negatively affect the fire brigade’s capability to combat an actual fire. This finding was of very low safety significance (Green) because the ability of the fire brigade to respond to the fire drill. The finding was directly related to the cross-cutting aspect of procedure adherence in the human performance area.

Inspection Report# : [2015001](#) (*pdf*)

Significance:  Mar 31, 2015

Identified By: NRC

Item Type: NCV Non-Cited Violation

Failure to ensure rolling fire doors would automatically close

A NRC-Identified NCV of Farley Nuclear Plant, Unit 1, Operating License Condition 2.C. (4), and Unit 2, Operating License Condition 2.C.(6), “Fire Protection” was identified for the licensee’s failure to install rolling steel fire doors in the Appendix R 3-hour fire barriers between the auxiliary building and new fuel storage area for each of the two units in accordance with the Updated Final Safety Analysis Report (UFSAR). The licensee did not adequately locate fire detectors (fusible links or other type of labeled fire detection devices) associated with these doors to ensure these doors would automatically close under fire conditions. The licensee entered this violation in their corrective action program as CR 855837.

The licensee’s failure to install the rolling steel fire doors in accordance with the approved UFSAR is a performance deficiency (PD). This PD is more than minor because the installed fire doors were associated with the Mitigating Systems cornerstone attribute of Protection Against External Factors (Fire) and adversely affected the cornerstone objective in that the fire doors would not automatically close which could allow a fire in one area to propagate to an adjacent area. The significance of this finding was determined to be of very low safety significance (Green) because the fire door, when closed, would provide a 1-hour or greater fire endurance rating. The cause of this finding was not associated with a cross-cutting area because it is not reflective of current licensee performance.

Inspection Report# : [2015001](#) (*pdf*)

Significance:  Mar 31, 2015

Identified By: NRC

Item Type: NCV Non-Cited Violation

Failure to ensure DG rolling fire doors were labeled fire doors

A NRC-identified NCV of Farley Nuclear Plant, Unit 1, Operating License Condition 2.C.(4), and Unit 2, Operating License Condition 2.C.(6), “Fire Protection” was identified for the licensee’s failure to install rolling steel fire doors in the Appendix R 3-hour common fire barrier for three diesel generators in accordance with the Updated Final Safety Analysis Report (UFSAR). The installed rolling steel fire doors do not have an Underwriters Laboratory (UL) label identifying it as an “A” label fire door (3-hour fire rating), as stated in the UFSAR. The licensee entered this violation in their corrective action program as CR10029684.

The licensee’s failure to install the rolling steel fire doors in accordance with the approved UFSAR is a performance deficiency. This PD is more than minor because the installed fire doors degraded one of the fire protection defense in depth elements and adversely affected the Mitigating Systems cornerstone objective in that a fire in the common hallway could propagate into the individual EDG compartments. The significance of this finding was determined to be of very low safety significance (Green) because the combustible loading on both sides of the wall was representative of a fire duration less than 1.5 hours based on FNP Fire Hazards Analysis. The cause of this finding was not associated with a cross-cutting area because it is not reflective of current licensee performance.

Inspection Report# : [2015001](#) (*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

Last modified : March 01, 2016