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Point Beach 1 – Quarterly Plant Inspection Findings

2Q/2017 – Plant Inspection Findings

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Initiating Events

Mitigating Systems

Significance: G Jun 30, 2017

Identified By: Self-Revealing

Item Type: FIN Finding

Failure to Evaluate Operating Experience

A finding of very low safety significance was self-revealed for the failure to follow program description PI-AA-102, "Operating Experience Program," Revision 3. Specifically, the licensee failed to evaluate operating experience that applied to Point Beach that identified the potential for cable connectors to disconnect due to machine vibration. PI-AA-102, Section 5, Instructions, Step 5.1(3), Screening Operating Experience Items, states, "If the initial screening indicates potential applicability to a NextEra Energy nuclear plant, program (including corporate administered programs), policy, process, or procedure; then an evaluation is conducted." Subsequently, a disconnected magnetic speed sensor cable on the G-04 emergency diesel generator caused a failure during a surveillance run attempt. The licensee's short term corrective actions included reconnecting the G-04 EDG magnetic speed sensor cable and installing lock-wire to prevent the connector from unintentionally disconnecting. The licensee's long-term corrective actions included changing their maintenance procedures to check connector tightness on the diesels periodically.

The inspectors determined that the failure to evaluate the external operating experience was contrary to licensee program description PI-AA-102 and was a performance deficiency. The finding was determined to be more than minor because the failure to evaluate operating experience was associated with the Mitigating Systems cornerstone attribute of Equipment Reliability and adversely affected the cornerstone objective to ensure the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences (i.e. core damage). The inspectors applied IMC 0609, Attachment 4, "Initial Characterization of Findings," issued October 7, 2016, to this finding. The inspectors answered "Yes" to question A within Table 3, "Significance Determination Process Appendix Router," and transitioned to IMC 0609, Appendix G, Attachment 1, "Shutdown Operations Significance Determination Process Phase 1 Initial Screening and Characterization of Findings," dated May 9, 2014. The inspectors referenced

Exhibit 3 - Mitigating Systems Screening Questions. The finding screened as of very low safety significance (Green) because the inspectors answered "No" to the screening questions. The inspectors did not identify a cross-cutting aspect. The cause of the finding occurred in 2012 and was not reflective of present performance.
Inspection Report# : 2017002 (*pdf*)

Significance:  Dec 31, 2016

Identified By: NRC

Item Type: NCV Non-Cited Violation

Scaffolding Constructed Without Required Engineering Approvals

A finding of very low safety significance and associated non-cited violation of 10 CFR Part 50, Appendix B, Criterion V, "Instructions, Procedures, and Drawings," was identified by inspectors for the licensee failing to follow step 4.1.3 (2) of procedure MA AA-100-1002, "Scaffold Installation, Modification, and Removal Requests." Specifically, the licensee failed to obtain and document engineering approval for multiple scaffolds constructed in the cable spreading room that did not meet the separation criteria of Attachment 1 of MA-AA-100-1002. The licensee's short term corrective actions included obtaining the appropriate engineering evaluations for the affected scaffolding and conducting a stand-down and information sharing with the scaffold builders to ensure they were aware of the importance obtaining engineering approvals.

The finding was determined to be more than minor because the finding, if left uncorrected, had the potential to become a more significant safety concern. Specifically, if the licensee continued to construct scaffolding without obtaining required engineering approvals, scaffolding could be constructed that was not seismically qualified and adversely affected the operability of surrounding SSCs. The inspectors concluded this finding was associated with the Mitigating Systems Cornerstone. The inspectors determined the finding could be evaluated using the SDP in accordance with IMC 0609, "Significance Determination Process," Attachment 0609.04, "Initial Characterization of Findings," issued on June 19, 2012. Specifically, the inspectors used IMC 0609 Appendix A "SDP for Findings At-Power," issued June 19, 2012, Exhibit 2, "Mitigating Systems Screening Questions" to screen the finding. The finding screened as of very low safety significance (Green) because the inspectors answered "No" to the screening questions. This finding has a cross-cutting aspect of Teamwork (H.4), in the area of Human Performance, for the failure of individuals and work groups to communicate and coordinate their activities across organizational boundaries to ensure nuclear safety is maintained. Specifically, the scaffold building team failed to communicate with the engineering organization to ensure the engineering evaluations were complete.

Inspection Report# : 2016004 (*pdf*)

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Security

The security cornerstone is an important component of the ROP, which includes various security inspection activities the NRC uses to verify licensee compliance with Commission regulations and thus ensure public health and safety. The Commission determined in the staff requirements memorandum (SRM) for SECY-04-0191, "Withholding Sensitive Unclassified Information Concerning Nuclear Power Reactors from Public Disclosure," dated November 9, 2004, that specific information related to findings and performance indicators associated with the security cornerstone will not be publicly available to ensure that security-related information is not provided to a possible adversary. Security inspection report cover letters will be available on the NRC Web site; however, security-related information on the details of inspection finding(s) will not be displayed.

Miscellaneous

Current data as of : September 05, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017