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Hatch 1 – Quarterly Plant Inspection Findings

4Q/2017 – Plant Inspection Findings

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Initiating Events

Mitigating Systems

Significance: G Nov 14, 2017

Identified By: NRC

Item Type: NCV Non-Cited Violation

Installation of Non-Conforming RPS Equipment

- Green. An NRC-identified non-cited violation (NCV) of 10 CFR 50, Appendix B, Criterion III, "Design Control" was identified for failure to translate regulatory requirements and the design basis of the scram discharge volume (SDV) thermal probes into the System Evaluation Document, which resulted in the installation of a nonsafety-related terminal board in the reactor protection system (RPS). As an immediate corrective action the licensee installed fully qualified equipment. The failure to classify reactor protection system components as safety-related in accordance with design documents was a performance deficiency. The violation was entered into the licensee's corrective action program as CR 10344772.
- The performance deficiency was more than minor because it affected the design control attribute of the Mitigating Systems Cornerstone objective to ensure the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences. Specifically, the ensured reliability of the RPS system was adversely affected because the installed components were not qualified for the application. The team used IMC 0609, Attachment 4, "Initial Characterization of Findings," issued June 19, 2012, for Mitigating Systems, and IMC 0612, Appendix A, "The Significance Determination Process for Findings At-Power," issued June 19, 2012, and determined the finding to be of very low safety significance (Green), because the finding was a deficiency affecting the design or qualification of a mitigating SSC, and the SSC maintained its operability. The inspectors determined that this finding did not have an associated cross-cutting aspect because this finding did not occur within the previous three years and is not reflective of current licensee performance. (Section 1R18)

Inspection Report# : 2017003 (*pdf*)

Significance: G Jun 30, 2017

Identified By: NRC

Item Type: NCV Non-Cited Violation

Hardened grease prevents 1RHRSW pump breaker operation

Green. A self-revealing, Green, non-cited violation (NCV) of Hatch Unit 1 Technical Specification 5.4 "Procedures" was identified when procedures to rejuvenate grease in the '1C' residual heat removal service water (RHRSW) Pump breaker were not implemented resulting in failure of the pump to start. The violation was entered into the licensee's corrective action program as condition report (CR) 10263236 and the breaker was replaced to restore compliance.

Failure to rejuvenate the lubricating grease on 4kv DHP-VR breakers in accordance with vendor guidance was a performance deficiency. Specifically, the hardened grease prevented the '1C' RHRSW pump breaker from closing resulting in the inoperability of the '1C' RHRSW pump. The performance deficiency was associated with the Mitigating Systems cornerstone and was more than minor because it adversely affected the cornerstone objective to ensure availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences. The inspectors screened this finding using IMC 0609, Appendix A, "The Significant Determination Process (SDP) For Findings At-Power," dated June 19, 2012. Because all four questions in Section A of Exhibit 2, "Mitigating Systems Screening Questions," were answered "no," the finding screened as Green. The inspectors determined that this finding did not have an associated cross cutting aspect because this finding is not reflective of current licensee performance. (Section 1R12)

Inspection Report# : 2017002 (*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 : February 01, 2018

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