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Diablo Canyon 1 – Quarterly Plant Inspection Findings

2Q/2017 – Plant Inspection Findings

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Initiating Events

Mitigating Systems

Significance: G Jul 14, 2016

Identified By: Self-Revealing

Item Type: NCV Non-Cited Violation

Inadequate Maintenance Procedure affected the Performance of Safety-Related Emergency Diesel Generator

The inspectors assessed a self-revealed, non-cited violation of Technical Specification 5.4.1.a, "Procedures," for the licensee's failure to implement properly preplanned maintenance procedures that affected the performance of safety-related equipment. Specifically, two maintenance procedures associated with the emergency diesel generators' fuel injectors lacked adequate details on specific key mechanical parameters (capscrew bolt torque setup and fuel injection pump alignment) to ensure that maintenance activities were performed in a manner adequate to the circumstances. In both examples, the licensee entered the issues into the corrective action program and corrected the condition to restore the emergency diesel generators to an operable status.

This finding was more than minor because it was associated with the procedure quality attribute of the Mitigating Systems cornerstone and affects the associated cornerstone objective to ensure the availability, reliability, and capability of systems that respond to initiating events. Using Inspection Manual Chapter 0609, Appendix A, "The Significance Determination Process for Findings At Power," issued June 19, 2012, the inspectors determined the finding was of very low safety significance (Green) because the finding did not represent the loss of a system or function, the loss of a train of a technical specification safety system for greater than its allowed outage time, or the loss of a non-technical specification high-safety-significant system for greater than 24 hours. This finding had a cross-cutting aspect in the area of human performance associated with work management - "organization implements a process of planning, controlling, and executing work activities such that nuclear safety is the overriding priority." Specifically, work on the emergency diesel generators fuel oil system components was not effectively planned and executed by incorporating conditions to ensure a successful outcome [H.5].

Inspection Report# : 2016009 (*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 : August 03, 2017

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