

Turkey Point 4

1Q/2003 Plant Inspection Findings

Initiating Events

Mitigating Systems

Significance:  Sep 28, 2002

Identified By: Self Disclosing

Item Type: NCV NonCited Violation

Failure to take Corrective Action Required by the Maintenance Rule for RHR Sump Pump Failures

Green. The licensee did not correctly assess and take corrective action when the Residual Heat Removal (RHR) sump pumps performance goals were not met. This is a violation of the Maintenance Rule, 10 CFR 50.65. The system had not been placed into status a(1) when multiple failures caused the established performance goals to not be met. This finding was of very low safety significance because it involved administrative implementation of the Maintenance Rule, and the probability of a flooding event that could impact both trains of the RHR system was extremely low. (Section 1R12).

Inspection Report# : [2002003\(pdf\)](#)

Significance:  Aug 23, 2002

Identified By: NRC

Item Type: NCV NonCited Violation

Ineffective Corrective Actions To Prevent Recurring Charging Pump and 4KV Breaker Failures

A noncited violation of 10 CFR 50, Appendix B, Criterion XVI was identified for ineffective corrective actions to prevent recurring charging pump and vital electrical breaker functional failures. These failures constituted repetitive significant conditions adverse to quality. This finding was considered more than minor due to the safety significance of the affected systems and because actual loss of component safety functions occurred. The charging pump controller failures, and the failure of the 3A component cooling water pump breaker were determined to be of very low safety significance by the significance determination process because the failures did not reduce the number of available pumps to below that required for each of the involved systems to perform their safety function. (Section 4OA2.c).

Inspection Report# : [2002005\(pdf\)](#)

Barrier Integrity

Emergency Preparedness

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

Miscellaneous

Significance: N/A Aug 23, 2002

Identified By: NRC

Item Type: FIN Finding

Identification and Resolution of Problems

Overall, the licensee's corrective action program (CAP) was effective at prioritizing, evaluating and resolving conditions adverse to quality. The licensee was particularly effective at identifying problems with a low threshold and entering them into the CAP. One finding was identified involving corrective actions that were not fully effective in preventing repetitive failures of charging pumps and important electrical breakers. Several negative observations were also identified during the inspection. Some Condition Report records did not contain documentation to fully support disposition of the issues in that apparent causes or corrective actions were not adequately described. The significance level of some condition reports was not in accordance with licensee program guidance. Also, the Plant Nuclear Safety Review Committee was not consistently reviewing Technical Specification violations documented in NRC inspection reports. Operating experience information, including NRC generic communications, was routinely reviewed for applicability in a timely manner and effectively utilized. Root cause analyses were usually comprehensive and in-depth, and apparent cause determinations were sufficiently rigorous. Overall, audits and self-assessments were sufficiently critical and thorough; licensee identified findings, weaknesses, areas of improvement, or recommendations were consistently tracked to resolution. For almost all problems, appropriate corrective actions were developed and implemented in a timely manner commensurate with the safety significance. A safety conscious work environment was evident at Turkey Point where employees felt free to raise safety concerns.

Inspection Report# : [2002005\(pdf\)](#)

Last modified : May 30, 2003