Nine Mile Point 1
1Q/2005 Plant Inspection Findings

Initiating Events

Significance: G Jun 30, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Failure to Follow ERV Maintenance Procedure Leads to ERV Failure to Close and Subsequent Scram.
A self-revealing non-cited violation (NCV) of Unit 1 Technical Specification 6.4, "Procedures," was identified concerning inadequate use of procedures, in that an extra gasket was installed in an electromatic relief valve (ERV) pilot valve assembly, contrary to the maintenance procedure instructions. The procedure did not direct installing a second gasket; however, a second gasket was installed which caused the ERV to fail to close during post-maintenance testing at power. The performance deficiency associated with this finding is the failure to follow procedures. The finding is greater than minor because it is associated with the human performance attribute of the Initiating Event Cornerstone and adversely affects the cornerstone objective to limit the likelihood of those events that upset plant stability during power operations. The finding is of very low safety significance as determined by Phase 2 of the significance determination process. The failure to follow procedures is an example of a cross-cutting issue in the area of human performance.
Inspection Report# : 2004003*(pdf)*

Mitigating Systems

Significance: G Dec 31, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Failure of the Nine Mile Point Unit 1 & 2 Plant-Referenced Simulator to Demonstrate Expected Plant Response to Operator Input and to Transient Conditions
An NRC identified finding for failure of the NMP Unit 1 and Unit 2 simulators to comply with 10 CFR 55.46(c)(1), "Plant-referenced simulators." The NCV involved two examples of the failure of Nine Mile Point simulators to correctly demonstrate the expected plant response to two separate events, one at each NMP unit.

This finding is more than minor because it affects the human performance (human error) attribute of the Mitigating Systems Cornerstone. The finding is of very low safety significance (Green) because the simulators' uncorrected model discrepancies did not have an adverse impact on operator actions such that safety-related equipment was made inoperable during normal operations or in response to a plant transient.
Inspection Report# : 2004005*(pdf)*

Significance: G Sep 30, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Failure to Promptly Identify and Correct Deficient (unqualified) Okonite Cable Splices
The inspectors identified a violation of 10 CFR 50, Appendix B, Criterion XVI, "Corrective Action," for failure to promptly identify and correct seven deficient Okonite cable splices at Unit 1 that were required to be environmentally qualified (EQ). The cable splices were repaired and EQ program deficiencies were addressed by the corrective action program. The finding is greater than minor because it was associated with the equipment performance attribute of the Mitigating Systems Cornerstone and affected the cornerstone objective of equipment reliability. The finding is of very low safety significance because the unqualified cable splices had been determined to be operable per Generic Letter 91-18. The failure to promptly identify and correct deficient Okonite cable splices is an example of a cross-cutting issue in problem identification and resolution.
Inspection Report# : 2004004*(pdf)*

Significance: G Sep 03, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Failure to Maintain a Controlled Document Current Resulted in a Surveillance Test Being Erroneously Considered Satisfactory
The inspectors identified a Non-Cited Violation of the NMP1 Technical Specifications (TS), Section 6.4, "Procedures," regarding a May 2004 surveillance test of the NMP1 High Pressure Coolant Injection (HPCI) system that was incorrectly evaluated as satisfactory due to a controlled

document not being maintained current for a TS and risk-significant system.

The performance deficiency was that NMP1 did not ensure that the most recent revision of a controlled document was used during a TS surveillance test of the HPCI system. The finding is more than minor since it is associated with the maintenance and testing procedures attribute of the Mitigating Systems cornerstone objective of ensuring the availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences (i.e., core damage). The issue was determined to be of very low safety significance (Green) because it was not a design or qualification deficiency that resulted in a loss of function per Generic Letter 91-18.

Inspection Report# : 2004007*(pdf)*

Significance: G Sep 03, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Failure to Maintain the NMP1 EOP Technical Basis Document Current
The inspectors identified a Green Non-Cited Violation of 10CFR50, Appendix B, Criterion V, "Instruction, Procedures, and Drawings," for NMP1's failure to maintain current the Technical Basis Document for the Unit 1 Emergency Operating Procedures (EOPs). Specifically, the basis for the Anticipated Transient Without a Scram (ATWS) EOP did not discuss the "Fuel Zone" reactor water level indication, and the use of the associated correction table.

The performance deficiency was that NMP1 did not maintain the EOP Technical Basis Document (a controlled procedure) consistent with the plant's EOPs. The finding is more than minor because it affects the procedure quality attribute of the Mitigating Systems cornerstone objective to ensure that availability, reliability, and capability of systems that respond to initiating events to prevent undesirable consequences (i.e., core damage). The finding was determined to be of very low safety significance (Green), because the EOP technical basis document did not represent a design or qualification deficiency that resulted in a loss of function per Generic Letter 91-18.

Inspection Report# : 2004007*(pdf)*

Barrier Integrity

Significance: G Sep 30, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Procedural Noncompliance Resulted in Failure to Shutdown Cooling Isolation Valve IV-38-02 Motor Operator
A self-revealing non-cited violation (NCV) of Unit 1 Technical Specification 6.4.1 was identified, in that the motor operator a for shutdown cooling (SDC) system supply isolation valve was jogged open, contrary to precautions given in the system operating procedure. The performance deficiency associated with this finding is procedural non-compliance which led to failure of the valve's motor operator and resultant loss of remote isolation capability. The finding is greater than minor because it is associated with the Barrier Integrity Cornerstone attribute of containment barrier performance and affects the cornerstone objective of providing reasonable assurance that physical design barriers protect the public from radionuclide releases caused by accidents or events. The finding is of very low safety significance because it did not represent a degradation of the radiological barrier function provided for the control room, spent fuel pool, or standby gas treatment system, did not represent a degradation of the barrier function of the control room against smoke or a toxic atmosphere, and did not represent an actual open pathway in the physical integrity of reactor containment or involve an actual reduction in defense-in-depth for the atmospheric pressure control or hydrogen control functions of the reactor containment. The procedure violation involving operation of the SDC system supply isolation valve is an example of a cross-cutting issue in human performance.

Inspection Report# : 2004004*(pdf)*

Significance: G Jun 30, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Ineffective Corrective Action to Prevent Recurrence of Plant Equipment Obstruction by Scaffolding.
A self-revealing non-cited violation (NCV) of 10 CFR 50, Appendix B, Criterion XVI, "Corrective Action," was identified at Unit 1 for a repeat occurrence of a scaffold installation that interfered with operation of one of the reactor building to pressure suppression chamber vacuum breakers. The performance deficiency associated with this finding is that scaffolding was installed such that it would have restricted the vacuum breaker from fully opening, thereby rendering the vacuum breaker valve inoperable. A contributing cause is ineffective corrective action since a previous occurrence of a vacuum breaker being blocked by scaffolding was identified by the NRC in 2003. The finding is greater than minor because it is associated with the Barrier Integrity Cornerstone attribute of barrier performance, and adversely affects the associated cornerstone objective of providing reasonable assurance that the primary containment protect the public from radionuclide releases caused by accidents or events. The finding is of very low safety significance in accordance with Table 6.2 of the Containment Integrity SDP because it relates to failure of a component critical to suppression pool integrity/scrubbing, and because the condition existed for less than three days. The

inadequate corrective action taken to prevent operational interferences due to scaffolding installations is an example of a cross-cutting issue in problem identification and resolution.

Inspection Report# : 2004003*(pdf)*

Emergency Preparedness

Significance: G Sep 30, 2004
Identified By: NRC
Item Type: NCV NonCited Violation
Failure to Maintain the Emergency Power Supply to the Technical Support Center
The inspectors identified a non-cited violation (NCV) of 10 CFR 50.47, "Emergency Plans," in that the emergency power supply to the Technical Support Center (TSC) was taken out of service for 16 months. The performance deficiency associated with this finding is that the licensee failed to take compensatory measures to provide for the continued operability of the TSC in the event of a loss of the normal power supply. The finding is greater than minor because it is associated with the facilities and equipment attribute of the Emergency Preparedness cornerstone and affects the cornerstone objective planning standard of 10 CFR 50.47(b)(8). The finding is of very low safety significance because the performance deficiency was failure to comply with a non-risk significant planning standard and no loss of planning standard function occurred. The failure to maintain TSC emergency electrical power is an example of a cross-cutting issue in problem identification and resolution.

Inspection Report# : 2004004*(pdf)*

Occupational Radiation Safety

Public Radiation Safety

Physical Protection

Physical Protection information not publicly available.

Miscellaneous

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