

United States Nuclear Regulatory Commission PLANT ISSUE MATRIX

By Primary Functional Area

Region II
MCGUIRE

Date	Source	Functional Area	ID	Type	Template Codes	Item Title Item Description
01/15/2000	1999009	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: 1C Ter: 4B	Y2K MONITORING Licensee monitoring and preparedness for potential Year 2000 problems were well implemented. (Section O2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
01/15/2000	1999009	Pri: OPS Sec:	Licensee	POS	Pri: 1B Sec: 2A Ter:	CONTAINMENT ISOLATION VALVE TESTING Containment isolation valve 1NM22 failed to close during a quarterly test. Operators adequately responded and complied with Technical Specifications. Separately, control board open indication for containment isolation valve 1RV33 was lost. Evaluation of the condition by operations and engineering was timely and reasonable to justify continued operability of valve 1RV33. Overall, the inspectors determined that the licensee's corrective actions were adequate. (Section O2.2)
Dockets Discussed: 05000369 McGuire 1						
12/11/1999	1999008	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	UNIT 1 REFUELING AND RESTART ACTIVITIES The licensee successfully conducted refueling and restart activities for Unit 1 without incident or significant equipment problems. (Section O1.1)
Dockets Discussed: 05000369 McGuire 1						
12/11/1999	1999008	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: Ter:	OPERATOR RESPONSE TO DEMINERALIZER SYSTEM LEAKAGE Operator response to demineralizer system leakage was prompt and in accordance with applicable procedures. The leakage events did not significantly impact plant operation. Corrective actions to remove fouling from the demineralizer system piping were successful and reduced immediate operational concerns. (Section O2.1)
Dockets Discussed: 05000369 McGuire 1						
12/11/1999	1999008	Pri: OPS Sec:	NRC	POS	Pri: 2A Sec: Ter:	COLD WEATHER PREPARATIONS The licensee's freeze protection activities, including annual functional checks, were initiated and completed in a timely manner. Corrective actions for previous problems have been effectively implemented. Current cold weather support equipment required minor repair. Overall, the licensee's preparations to protect plant equipment and systems from freezing conditions were acceptable. (Section O2.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
12/11/1999	1999008	Pri: OPS Sec:	NRC	POS	Pri: 5C Sec: Ter:	RESPONSE TO INFORMATION NOTICE 95-03 The McGuire plant is susceptible to a reactor coolant system draindown with potential steam binding of the emergency core cooling system pumps because of the plant's design. However, the licensee's corrective actions for Information Notice 95-03 and Generic Letter 98-02, administrative controls, plant procedures, operator training, and operations practices reduced the plant's vulnerability to this type of common mode failure of the emergency core cooling system. (Section O2.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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12/11/1999	1999008-01	Pri: OPS Sec:	Licensee	NCV	Pri: 1A Sec: Ter:	Non-Compliance with TS 3.4.12 (LTOP) During Unit 1 Restart A non-cited violation was identified for failing to meet Technical Specification requirements for the low temperature over-pressure protection system for Unit 1. The licensee's immediate corrective actions were appropriate to address this Technical Specification non-compliance. The licensee had dissenting comments on this issue. (Section O4.1)
Dockets Discussed: 05000369 McGuire 1						
10/23/1999	1999007	Pri: OPS Sec:	NRC	NEG	Pri: 1A Sec: 3A Ter:	MISPOSITIONED PLANT COMPONENTS An adverse trend in operator performance resulting in mispositioned plant components has emerged. Operations management was addressing these and other examples of human performance issues. (Section O4.2)
Dockets Discussed: 05000369 McGuire 1						
10/23/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	OPERATOR PERFORMANCE DURING UNIT 1 SHUTDOWN Operators' cognizance and control of the Unit 1 shutdown for the End-of-Cycle 13 refueling outage was good. Previously identified rod control problems required a planned manual reactor trip. The operators maintained adequate control of the unit during the shutdown and adequately addressed other problems that were encountered. (Section O2.1)
Dockets Discussed: 05000369 McGuire 1						
10/23/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 2B Ter:	OPERATIONAL EMPHASIS ON RISK MANAGEMENT Operations placed appropriate emphasis on oversight of unit operations and preventing problems during increased risk outage activities. Operational focus was noted on the monitoring and updating of computerized risk management tools and system interaction matrixes. (Section O1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 3A Ter: 4B	PERFORMANCE OF OUTAGE ACTIVITIES During the Unit 1 End-of-Cycle 13 refueling outage, operators successfully performed a temporary test to full flow test containment spray check valves and flushed radioactive crud in stagnant water from the suction pipe between the containment sump isolation valve and the suction to the residual heat removal and containment spray pumps. Shutdown risk operating experience was appropriately factored into the pre-job brief and test procedure to preclude an inadvertent loss of reactor coolant system inventory. Improvements over the previously performed evolution in Unit 2 were made to take advantage of the extended Unit 1 refueling outage. Operator performance, engineering support, and overall test execution were performed in an excellent manner and consistent with previous test coordination during the March 1999 Unit 2 outage. (Section O4.1)
Dockets Discussed: 05000369 McGuire 1						
09/11/1999	1999006	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: Ter:	OPERATOR RESPONSE TO FIRE IN THE "E" INSTRUMENT-AIR COMPRESSOR MOTOR Following a reported fire in the "E" instrument-air compressor motor, the response of the control room and maintenance staff was appropriate, thorough, and timely. (Section O4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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09/11/1999	1999006	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: 2A Ter:	RESPONSE TO PROBLEMS WITH THE UNIT 1 ROD CONTROL SYSTEM Operators and maintenance technicians' initial response to problems with the Unit 1 rod control system was adequate to assess the problem and assure the unit was maintained in a safe configuration. Management's attention to the problem was appropriate. (Section O2.1)
Dockets Discussed: 05000369 McGuire 1						
09/11/1999	1999006	Pri: OPS Sec:	NRC	POS	Pri: 4A Sec: 4B Ter:	CHANGE TO TECHNICAL SPECIFICATION SURVEILLANCE REQUIREMENT The licensee appropriately followed established regulatory processes to address a required Technical Specification Surveillance Requirement associated with the rod control system that could have impacted operation of Unit 1. (Section O2.1)
Dockets Discussed: 05000369 McGuire 1						
07/31/1999	1999005	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: Ter:	OPERATOR RESPONSE TO AN INADVERTENT UNIT 2 REACTOR TRIP Operator response to an inadvertent Unit 2 reactor trip was in accordance with applicable response procedures. Operator oversight of unit parameters was well controlled during the reactor trip recovery and during the subsequent unit restart. (Section O2.2)
Dockets Discussed: 05000370 McGuire 2						
07/31/1999	1999005	Pri: OPS Sec:	NRC	STR	Pri: 3B Sec: Ter:	SPECIALIZED TRAINING FOR TIME CRITICAL OPERATOR ACTIONS Specialized training for time critical operator actions was well researched, provided excellent focus on safety, and provided a redundant method to verify Updated Final Safety Analysis Report assumptions, risk significant operator actions, and procedural implementation. Overall, the augmented training was considered a strength. (Section O7.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005-01	Pri: OPS Sec:	Licensee	NCV	Pri: 2B Sec: 3A Ter:	Failure to Follow Procedure and an Inadequate Procedure Regarding Reactor Trip Breaker Maintenance and A non-cited violation was identified concerning an inadequate reactor trip breaker maintenance procedure which resulted in a Unit 2 reactor trip. Inappropriate personnel actions also contributed to the root cause of the event. (Section O2.2)
Dockets Discussed: 05000370 McGuire 2						
06/19/1999	1999004	Pri: OPS Sec:	NRC	NEG	Pri: 1A Sec: Ter:	NRC IDENTIFIED CONFIGURATION CONTROL PROBLEM A negative observation was made for an NRC identified configuration control problem involving an inappropriately capped air vent for steam generator power operated relief valve 2SV-13. (Section O4.1)
Dockets Discussed: 05000370 McGuire 2						

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06/19/1999	1999004	Pri: OPS Sec:	NRC	POS	Pri: 2A Sec: 5C Ter:	HOUSEKEEPING Housekeeping in the doghouses and the material condition of the steam generator power operated relief valve were adequate. Licensee implemented recommendations from a 1997 self-assessment on steam generator power operated relief valves' accessibility improved operators' ability to successfully complete time critical actions. (Section O4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
06/19/1999	1999004	Pri: OPS Sec:	NRC	POS	Pri: 5B Sec: 5C Ter: 3A	CORRECTIVE ACTIONS FOR A REACTOR COOLANT SYSTEM LEAK The licensee's efforts to identify and eliminate a reactor coolant system leak within the Unit 2 pressurizer cubicle were well planned and executed. (Section O2.2)
Dockets Discussed: 05000370 McGuire 2						
06/19/1999	1999004-01	Pri: OPS Sec:	Licensee	NCV	Pri: 1A Sec: Ter:	Failure to Follow Pressurizer Vent Restoration Procedure A non-cited violation was identified concerning a failure to totally remove a vent ring from a pressurizer vent valve. (Section O2.2)
Dockets Discussed: 05000370 McGuire 2						
06/19/1999	1999004-02	Pri: OPS Sec:	Licensee	NCV	Pri: 5C Sec: Ter:	Failure to Take Adequate Corrective Actions Following PORV Shaft Key Replacement A non-cited violation was identified for failure to provide adequate corrective actions to prevent the recurrence of a Unit 2 steam generator power operated relief valve shaft key problem. The inadequate corrective actions for replacement of a missing key on valve 2SV-1 in 1996 contributed to two similar failures in 1999. (Section O4.1)
Dockets Discussed: 05000370 McGuire 2						
05/08/1999	1999003	Pri: OPS Sec:	NRC	NEG	Pri: 5B Sec: 2B Ter:	CHANGE TO MIDLOOP PLANS The decision to drain to midloop in lieu of the original outage plan to remove steam generator nozzle dams in reduced inventory was not timely and did not allow for the most efficient use of established risk planning methods. (Section O4.2)
Dockets Discussed: 05000370 McGuire 2						
05/08/1999	1999003	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	PLANT OPERATIONS DURING THE UNIT 2 OUTAGE EVOLUTIONS Plant operations placed appropriate emphasis on nuclear safety during the Unit 2 outage evolutions and startup activities. (Section O1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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05/08/1999	1999003	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	REDUCED INVENTORY Operators' draining of the reactor coolant system and plant operations in reduced inventory (including midloop conditions) following Unit 2 core reload were satisfactorily performed. Requirements for shutdown Technical Specifications and associated selected licensee commitments were satisfied. (Section O4.2)
Dockets Discussed: 05000370 McGuire 2						
05/08/1999	1999003	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: 1C Ter:	OPERATOR PERFORMANCE DURING AN EMERGENCY DRILL During an emergency drill, operators in the control room simulator followed plant procedures and communicated clearly and effectively in implementing the abnormal and emergency operating procedures. The crew performed in an excellent manner. (Section O4.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/08/1999	1999003	Pri: OPS Sec:	NRC	POS	Pri: 2A Sec: 1A Ter:	REACTOR BUILDING MATERIAL CONDITION Unit 2 reactor building equipment was well maintained with no active leaks identified. Areas inspected were free of loose debris which minimized the potential for containment sump strainer blockage. These observations reflected positively on the licensee's material condition walkdowns of containment prior to the restart. (Section O2.1)
Dockets Discussed: 05000370 McGuire 2						
05/08/1999	1999003-01	Pri: OPS Sec:	Licensee	NCV	Pri: 1A Sec: 3A Ter:	Failure to Meet the Requirements of TS 3.4.12, LTOP Reactor A Non-Cited Violation was identified for failure to meet Technical Specification requirements for low temperature overpressure protection system due to lack of self-verification, checking oversight, and test planning deficiencies. (Section O4.1)
Dockets Discussed: 05000370 McGuire 2						
03/27/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 2B Ter: 3A	OPERATIONS PERFORMANCE DURING A TEMPORARY TEST During Unit 2 cold shutdown (Mode 5), operators successfully performed a temporary test to: (1) full flow test containment spray check valve in accordance with Technical Specification surveillance requirements and (2) flush radioactive crud in stagnant water in the suction pipe between the containment sump isolation valve and the suction to the residual heat removal and containment spray pumps. Shutdown risk operating experience (Generic Letter 98-02) was appropriately factored into the pre-job brief and test procedure to preclude an inadvertent loss of reactor coolant system inventory. Plant configuration was adequately controlled, communications between the operators and test evolution coordinator were clear and effective, and the test was executed in an excellent manner. (Section O4.1)
Dockets Discussed: 05000370 McGuire 2						
03/27/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 5A Ter: 5B	CORRECTIVE ACTIONS FOR A FAILED AGASTAT TIME-DELAY RELAY The licensee's investigation and proposed corrective actions for a failed Agastat time-delay relay that partially controls fuel oil to the 1A emergency diesel generator was adequate. Operator's identification of the degraded condition through operator rounds and attention-to-detail revealed this degraded diesel generator condition. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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03/27/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 5C Ter:	PLANT OPERATIONS DURING UNIT SHUTDOWN Plant operations placed appropriate emphasis on preventing recurrence of previous unit shutdown problems. Increased use of peer review and good oversight by a dedicated shutdown senior reactor operator were noted for the Unit 2 end of cycle 12 refueling outage shutdown. (Section O1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002	Pri: OPS Sec:	NRC	STR	Pri: 5A Sec: Ter:	OPERATIONS SELF-ASSESSMENT PROGRAM A strength was identified for the operations self-assessment program which critiques operator performance following significant plant transients or equipment malfunctions. Two examples were noted for application of this process during the inspection period. These self-assessments provided timely and comprehensive feedback to operations personnel for improvements in the areas of human performance, procedures, and operator training. (Sections O4.2 and O4.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002	Pri: OPS Sec:	NRC	WK	Pri: 1A Sec: 3A Ter:	UNIT 1 FLOOD EVENT An operational weakness was identified for poor planning, communication, and configuration control (isolation valve not fully closed) of Unit 2 service water system valves to support system draining and maintenance activities. The overall risk significance of the activity was not fully understood or evaluated prior to the maintenance activity. These problems resulted in a flood event in the Unit 1 auxiliary feed-water pump room with Unit 1 at approximately 100 percent power. (Section O2.1)
Dockets Discussed: 05000370 McGuire 2						
03/27/1999	1999002-01	Pri: OPS Sec:	Licensee	NCV	Pri: 1B Sec: 3A Ter:	Reactor Operator Failure to Follow Procedure During Loss of Vital Inverter A non-cited violation was identified for an operator's failure to follow an abnormal operating procedure in response to a plant transient. The plant transient involved a loss of a vital electrical inverter on February 15, 1999. The improper operator action resulted in an inadvertent opening of a Unit 1 primary power operated relief valve. (Section O4.2)
Dockets Discussed: 05000369 McGuire 1						
03/27/1999	1999002-02	Pri: OPS Sec:	Licensee	NCV	Pri: 1A Sec: 3A Ter:	Failure to Maintain Pressurizer Heatup/Cooldown Limits During Reactor Shutdown A non-cited violation was identified for failure to maintain pressurizer heatup/cooldown limits within Selected Licensee Commitments and procedural limits during the Unit 2 shutdown. (Section O4.3)
Dockets Discussed: 05000370 McGuire 2						
02/13/1999	1999001	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 3C Ter:	MANAGEMENT OVERSIGHT AND REVIEW OF MISPOSITIONED COMPONENT EVENTS Management oversight and review of mispositioned component events continued to be strong and has resulted in a significant decrease in the number of reported problems for 1998. The licensee continued to evaluate other potential changes to existing configuration control processes in order to further reduce the number and significance of configuration control issues. (Section O7.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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02/13/1999	1999001	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: 5B Ter:	OPERATOR RESPONSE TO AN "URGENT ALARM" ON THE UNIT 2 ROD CONTROL SYSTEM Operator response to an "urgent alarm" on a power supply for the Unit 2 rod control system and response to the loss of a non-safety water supply (upper surge tank) for the auxiliary feedwater pumps was excellent. Post-event follow-up including plant impact evaluation by operations personnel was thorough and comprehensive for the loss of the upper surge tank event. (Section O4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
01/15/2000	1999009	Pri: MAINT Sec:	Self	NEG	Pri: 2A Sec: 2B Ter:	MAIN GENERATOR STATOR COOLING COIL FOULING Copper oxide fouling of the Unit 1 main generator stator cooling coils had occurred, in part, due to inadequacies in maintaining the dissolved oxygen content of the cooling water and outage system layup conditions. (Section M2.2)
Dockets Discussed: 05000369 McGuire 1						
01/15/2000	1999009	Pri: MAINT Sec:	NRC	POS	Pri: 4B Sec: Ter:	ON-LINE CHEMICAL CLEANING OF STATOR COILS A first-time evolution for McGuire Nuclear Station involving on-line chemical cleaning of the stator coils fouled by copper oxide was adequately controlled to prevent a potential turbine trip/reactor trip. Control room operators were prepared for a potential turbine trip/reactor trip during the evolution. Manual turbine trip/reactor trip criteria were clearly established and incorporated into a temporary procedure for the chemical cleaning evolution. (Section M2.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
01/15/2000	1999009-01	Pri: MAINT Sec:	Licensee	NCV	Pri: 5B Sec: 2B Ter:	Inadequate Corrective Actions for Previously Identified Lack of Logic Circuit Testing and Uncorrected Inaccu Modified engineered safeguards features testing identified an incorrect permissive logic contact for one train of the Unit 1 hydrogen recombiner system. A non-cited violation was identified for inadequate corrective actions associated with previously identified incomplete circuit testing and updating the Updated Final Safety Analysis Report. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
01/15/2000	1999009-02	Pri: MAINT Sec:	Licensee	NCV	Pri: 5B Sec: 2B Ter:	Incorrect Wiring Associated with the Train A Hydrogen Recombiner A non-cited violation was also identified against 10 CFR Appendix B, Criterion V for failure to install the appropriate contact switch logic on hydrogen recombiner contact switch DD(1ESGAX3) - 8/8a as depicted on the applicable station drawings. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
12/11/1999	1999008	Pri: MAINT Sec:	NRC	POS	Pri: 2A Sec: Ter:	MATERIAL CONDITION OF ICE CONDENSER No significant material condition problems for the Unit 1 ice condenser were identified.
Dockets Discussed: 05000369 McGuire 1						

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12/11/1999	1999008	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 3A Ter:	PERFORMANCE OF MAINTENANCE AND SURVEILLANCE ACTIVITIES Maintenance and surveillance activities reviewed were adequately completed. (Section M1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
12/11/1999	1999008	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 5A Ter:	ICE CONDENSER MAINTENANCE AND SURVEILLANCE Maintenance and surveillance activities required to support operability of the ice condenser were appropriately implemented. Identified deficiencies were appropriately documented in the licensee's corrective action system.
Dockets Discussed: 05000369 McGuire 1						
10/23/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: Ter:	INSERVICE INSPECTIONS The licensee's inservice inspection, service water inspections, and reactor vessel internals modifications were conducted in a conservative manner. Results of inspections and resolutions to identified problems were given appropriate engineering and management reviews. (Section M1.2)
Dockets Discussed: 05000369 McGuire 1						
10/23/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 3A Ter:	PERFORMANCE OF MAINTENANCE AND SURVEILLANCE ACTIVITIES Routine and outage related maintenance and surveillance activities reviewed were adequately completed. (Section M1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 5B Ter: 4B	INSPECTION OF UNIT 1 REFUELING WATER STORAGE TANK The licensee adequately performed initial inspections and interior coating repair for the Unit 1 refueling water storage tank. Identified foreign material was removed and appropriately evaluated for past operability considerations. Modifications made to the tank were completed in a conservative manner, limiting radioactive contamination and potential for the introduction of foreign material to emergency core cooling suction piping. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1						
10/23/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 5B Sec: 5C Ter:	RESOLUTION OF UNIT 1 CONTROL ROD PROBLEM The licensee performed a variety of diagnostic activities to resolve a Unit 1 control rod problem that required a manual reactor trip during the refueling outage shutdown. Although no definitive root cause was identified, the licensee replaced suspect components and verified function of the components within the limits of plant conditions. (Section M2.2)
Dockets Discussed: 05000369 McGuire 1						

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09/11/1999	1999006	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: Ter:	INSTRUMENT AIR SYSTEM FAILURES UNDER THE MAINTENANCE RULE PROGRAM The licensee's consideration of recent instrument air system failures under the Maintenance Rule program has been appropriate. (Section M4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: MAINT Sec:	NRC	NEG	Pri: 2A Sec: 5C Ter:	MATERIAL CONDITION OF POTENTIAL INTERNAL PLANT FLOOD SOURCES Visible material condition of potential internal plant flood sources (i.e., fire protection piping, service water system piping) in the auxiliary building was generally adequate, with the exception of uninsulated portions of service water pipe in the Unit 1 auxiliary feedwater pump room which exhibited substantial exterior corrosion. Recent inservice inspection of large-bore, non-isolable service water pipes (in the auxiliary building) to the standby nuclear service water pond indicated deep pitting on the interior pipe wall. Corrective actions were initiated to address the degraded pipe conditions. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: MAINT Sec:	NRC	POS	Pri: 1C Sec: Ter:	PLANT PROCEDURES FOR COPING WITH AN INTERNAL FLOOD Plant procedures for coping with an internal flood were being improved through the development of abnormal procedures for flooding. Operators demonstrated adequate knowledge of flood indications and associated flood protection actions. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: MAINT Sec:	NRC	POS	Pri: 2A Sec: 5B Ter: 5C	CORRECTIVE ACTIONS FOR FLOOD PROTECTION DEFICIENCIES Comprehensive corrective actions for flood protection deficiencies were being implemented in a timely manner to reduce plant vulnerability to an internal flood. Flood protection equipment and instrumentation were operable and were maintained in good condition. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 4B Ter:	SPECIAL INSPECTION FOR ICE ACCUMULATION IN THE UNIT 1 ICE CONDENSER The licensee's performance of a special inspection for ice accumulation on the Unit 1 ice condenser lower inlet doors was well planned and implemented. The conservative inspection was based on response to associated industry events and exceeded the requirements of routine Technical Specification surveillances. (Section M2.2)
Dockets Discussed: 05000369 McGuire 1						
06/19/1999	1999004	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 3C Ter: 3A	CONTROL ROOM AREA VENTILATION SYSTEM AIR HANDLING UNIT BEARING CORRECTIVE MAINTENANCE The June 11, 1999, control room area ventilation system air handling unit bearing corrective maintenance was performed in accordance with the work order, procedures, and the associated Technical Specification. Compensatory measures were conservative with thorough Plant Operations Review Committee and Nuclear Safety Review Board review and comment. A detailed and complete pre-job briefing included discussion regarding contingency actions if the running train of control room ventilation became inoperable during the planned maintenance. Strong maintenance supervisory oversight and engineering support were provided. (Section M4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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06/19/1999	1999004	Pri: MAINT Sec:	NRC	POS	Pri: 3A Sec: 5A Ter: 5C	EFFORTS TO TROUBLESHOOT AND REPAIR THE 2A EMERGENCY DIESEL GENERATOR Maintenance and engineering efforts to troubleshoot and repair the 2A emergency diesel generator were focused and well controlled. This focus allowed the licensee to promptly resolve the identified problem and restore the diesel to an operable configuration. As a result of the apparent root cause, the licensee was reviewing the established breaker preventative maintenance program for enhancements to preclude future problems in this area. (Section M2.1)
Dockets Discussed: 05000370 McGuire 2						
06/19/1999	1999004-04	Pri: MAINT Sec:	Licensee	NCV	Pri: 1A Sec: 4B Ter:	Failure to Comply with TS 3.7.7 when Electrically De-energizing Auxiliary Building Filtered Exhaust System F A non-cited violation was identified for previous failures to enter and/or comply with the associated action statements for Technical Specification 3.7.7 for a number of periods when electrically deenergizing auxiliary building filtered exhaust system fans. (Section M8.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/08/1999	1999003	Pri: MAINT Sec:	NRC	NEG	Pri: 2A Sec: Ter:	FOREIGN MATERIAL IN THE UNIT 2 REFUELING WATER STORAGE TANK Foreign material (gasket material and sand blast particles) were found in the Unit 2 refueling water storage tank. Past and current operability for the material were considered adequate based on current information. (Section M2.1)
Dockets Discussed: 05000370 McGuire 2						
05/08/1999	1999003	Pri: MAINT Sec:	NRC	POS	Pri: 2A Sec: Ter:	UNIT 2 REFUELING WATER STORAGE TANK Initial licensee inspections of the Unit 2 refueling water storage tank indicated that the interior coating system was adequate and there were no immediate operability concerns. (Section M2.1)
Dockets Discussed: 05000370 McGuire 2						
05/08/1999	1999003	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: Ter:	ROUTINE MAINTENANCE AND SURVEILLANCE ACTIVITIES Routine maintenance and surveillance activities reviewed were adequately completed and no problems were identified concerning testing of equipment being restored from the Unit 2 outage. (Section M1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/08/1999	1999003	Pri: MAINT Sec:	NRC	POS	Pri: 4B Sec: 3A Ter:	FOREIGN MATERIAL IN UNIT 2 CONTAINMENT SPRAY SYSTEM The licensee operability evaluations and attempts to retrieve metal shavings from the Unit 2 containment spray system were considered adequate. (Section M2.2)
Dockets Discussed: 05000370 McGuire 2						

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03/27/1999	1999002	Pri: MAINT Sec:	NRC	NEG	Pri: 2A Sec: Ter:	BLOCKED DRAIN IN THE AUXILIARY BUILDING UNDERDRAIN GRID During a system walkdown, the inspectors identified a blocked drain in the auxiliary building underdrain grid system (groundwater drainage system/flood protection) that was indicative of a material condition deficiency. (Section O2.1)
Dockets Discussed: 05000369 McGuire 1						
03/27/1999	1999002	Pri: MAINT Sec:	NRC	POS	Pri: 2A Sec: Ter:	MATERIAL CONDITION OF THE UNIT 2 ICE CONDENSER No significant material condition problems for the Unit 2 ice condenser were identified. (Section M2.2)
Dockets Discussed: 05000370 McGuire 2						
03/27/1999	1999002	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: Ter:	REVIEW OF THREE ICE CONDENSER SURVEILLANCE AND MAINTENANCE TEST PROCEDURES A review of three ice condenser surveillance and maintenance test procedures showed that these procedures were clearly written and met Technical Specification requirements. (Section M3.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 2A Ter:	THE EROSION/CORROSION PROGRAM The erosion/corrosion program correctly identified significant wall thinning in the service water discharge piping. (Section M1.2)
Dockets Discussed: 05000370 McGuire 2						
03/27/1999	1999002	Pri: MAINT Sec:	NRC	POS	Pri: 3A Sec: Ter:	REPAIRS AND SERVICING OF ICE BASKET COMPONENTS No problems were identified during observation of ongoing repairs or servicing of ice basket components. (Section M2.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002	Pri: MAINT Sec:	NRC	STR	Pri: 2B Sec: 3A Ter:	INSERVICE EXAMINATION ACTIVITIES Inservice examination activities observed were performed using approved procedures by certified examiners who were skillful in the use of the test equipment, knowledgeable of the test methods, and who properly recorded and evaluated the inspection results in accordance with the appropriate test procedures. (Section M1.2)
Dockets Discussed: 05000370 McGuire 2						

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03/27/1999	1999002-03	Pri: MAINT Sec:	Licensee	NCV	Pri: 2B Sec: 4C Ter:	Failure to Complete Ice Condenser Surveillance for Lower Turning Vanes A non-cited licensee identified violation was identified for failure to perform lower ice condenser flow passage inspections. (Section O8.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002-04	Pri: MAINT Sec:	Self	NCV	Pri: 5C Sec: 2A Ter:	Inadequate Corrective Action for Diesel Generator Spring Failures A non-cited violation was identified for the licensee's failure to develop and implement adequate corrective actions to prevent the installation and use of unqualified diesel engine cylinder valve springs. This resulted in a repetitive valve spring failure of an unqualified spring on February 23, 1999, and degraded the 1A emergency diesel generator. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002-05	Pri: MAINT Sec:	Licensee	NCV	Pri: 2B Sec: Ter:	Inadequate Opening Torque Testing of Lower Ice Condenser Inlet Doors A non-cited, licensee identified violation was identified regarding inadequate opening torque testing of lower ice condenser inlet doors. (Section M3.1)
Dockets Discussed: 05000369 McGuire 1						
02/13/1999	1999001	Pri: MAINT Sec:	Self	NEG	Pri: 2A Sec: 2B Ter:	MAINTENANCE PREVENTABLE FAILURES OF THE STANDBY SHUTDOWN FACILITY (SSF) Several maintenance preventable failures of the non-safety related standby shutdown facility (SSF) diesel generator rendered the SSF diesel generator inoperable during a eight day period. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: MAINT Sec:	NRC	POS	Pri: 1A Sec: 2B Ter:	PRE-OUTAGE STAGING OF MATERIALS Pre-outage staging of materials for the upcoming Unit 2 refueling outage was determined to have been performed in a safe manner. (Section M4.1)
Dockets Discussed: 05000370 McGuire 2						
02/13/1999	1999001	Pri: MAINT Sec:	NRC	POS	Pri: 1A Sec: 4B Ter: 5B	PLANT CONFIGURATION MANAGEMENT Plant configuration management was adequately maintained to maximize availability of emergency diesel generators and auxiliary feedwater system during the standby shutdown facility window of unavailability. Engineering support, preliminary root cause evaluation, and proposed corrective actions were prompt, comprehensive, and effective in improving system reliability. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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02/13/1999	1999001	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 3A Ter:	PERFORMANCE OF MAINTENANCE ACTIVITIES Sampled routine maintenance and surveillance activities were adequately completed. (Section M1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 3C Ter: 5C	MAINTENANCE PROCEDURE GROUP PERFORMANCE MONITORING A review of recently implemented maintenance procedure group performance monitoring indicated that the licensee had established good tools for assessing the existing backlog inventory. The tools allowed for improved management oversight of maintenance procedure backlogs. Sampling of the existing backlog and review of performance measures and other audits indicated they were being well controlled and managed. (Section M3.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
01/15/2000	1999009-03	Pri: ENG Sec:	Licensee	NCV	Pri: 1C Sec: Ter:	Failure to Properly Implement and Maintain the Plant Fire Protection Program Requirements for Fire Barrier One non-cited violation was identified for failure to implement and maintain in effect the provisions of the fire protection program for inoperable fire barrier penetration seals between safety and non-safety plant areas. (Section F2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: ENG Sec:	NRC	NEG	Pri: 2A Sec: 4B Ter:	EMERGENCY DIESEL GENERATOR COMPONENT RELIABILITY A negative trend on emergency diesel generator subcomponent reliability continued with two recent issues involving valve seat inserts. The time spent to address the valve seat insert condition resulted in additional emergency diesel generator unavailability time, which the licensee has acknowledged as a continuing adverse trend. These degraded subcomponents were considered an additional example of a previous violation for inadequate vendor oversight of rebuilding activities performed in 1997. (Section E2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: ENG Sec:	NRC	POS	Pri: 5B Sec: 5C Ter:	REPLACEMENT OF DG EXHAUST SEAT Corrective action to video boroscope all emergency diesel generator exhaust valve seat inserts was prudent; technical basis for continued operability was adequate; and proposed long-term corrective action to replace the exhaust valve seat inserts to a more robust part was acceptable. (Section E2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: ENG Sec:	NRC	POS	Pri: 5B Sec: 5C Ter:	UNIT 1 SPLIT PIN MODIFICATION During the Unit 1 split pin modification, the licensee discovered a manufacturing variation in the upper core plate. The variation was appropriately evaluated for potential safety impact and adequately justified the operability of the affected guide tubes, split pins, and associated rod cluster control assemblies. (Section E4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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09/11/1999	1999006-01	Pri: ENG Sec:	NRC	NCV	Pri: 4B Sec: Ter:	Failure to Perform an Adequate 10 CFR 50.59 Evaluation for Use of Fuel Assemblies with Coarse or Fine Mesh A non-cited violation was identified for failure to perform an adequate 10 CFR 50.59 evaluation for use of fuel assemblies with coarse or fine mesh plates. The original evaluation approving the new fuel assemblies did not address clogging of the fuel assemblies with debris following a postulated loss of coolant accident. (Section E8.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: ENG Sec:	NRC	NEG	Pri: 5C Sec: Ter:	RESPONSE TO NRC GENERIC LETTER 89-13, ACTION V The licensee's response to NRC Generic Letter 89-13, Action V, was less than adequate, in that, no specific review of plant procedures was performed to reduce human errors in operation of the service water system. This contributed, in part, to the flood of the Unit 1 auxiliary feedwater pump room during draining of the Unit 2A service water system in March 1999. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: ENG Sec:	NRC	NEG	Pri: 5C Sec: Ter:	REVIEW OF NRC GENERIC LETTER 93-06 The licensee's review of NRC Generic Letter 93-06 was weak, in that, it did not identify or evaluate the potential risk of a non-seismic hydrogen line routed through the Unit 1 safety-related refueling water storage tank trench. (Section F8.1)
Dockets Discussed: 05000369 McGuire 1						
07/31/1999	1999005	Pri: ENG Sec:	NRC	POS	Pri: 5A Sec: 5B Ter: 5C	POST-TRIP REVIEW OF A UNIT 2 REACTOR TRIP A post-trip review of a Unit 2 reactor trip event was well organized, accurately identified the apparent cause of the trip, and resolved other equipment anomalies prior to restart of the unit. (Section O2.2)
Dockets Discussed: 05000370 McGuire 2						
06/19/1999	1999004	Pri: ENG Sec:	NRC	MISC	Pri: 4A Sec: 4C Ter:	THE YEAR 2000 CHECKLIST The Year 2000 checklist, per Temporary Instruction 2515/141, was completed. Overall, the Year 2000 project is about 90 percent complete and the contingency plan is about 90 percent complete. (Section E2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
06/19/1999	1999004	Pri: ENG Sec:	NRC	NEG	Pri: 4B Sec: Ter:	DOCUMENTATION OF REQUIRED SAFETY REVIEWS Documentation of the required safety reviews to support the leak search evolutions within the pressurizer cubicle while generally adequate, was less than thorough in documenting one alternate heavy load scenario. (Section O2.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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06/19/1999	1999004	Pri: ENG Sec:	NRC	POS	Pri: 4B Sec: Ter:	USE OF AN INDEPENDENT BEARING EXPERT System engineering's use of an independent bearing expert was appropriate in addressing a failed control room area ventilation system air handling unit bearing. Corrective actions for the June 1999 repair were adequate. (Section M4.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
06/19/1999	1999004-03	Pri: ENG Sec:	Self	NCV	Pri: 5C Sec: Ter:	Inadequate Corrective Action for Air Handling Unit Bearing Failures A non-cited violation was identified for inadequate corrective actions following a failed safety-related air handling unit bearing in March 1999. A repetitive bearing failure was experienced in June 1999. (Section M2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/08/1999	1999003	Pri: ENG Sec:	NRC	NEG	Pri: 2A Sec: 5B Ter: 5C	ADVERSE TREND IN THE PRESSURIZER HEATER CAPACITY The licensee appropriately identified an adverse trend in the pressurizer heater capacity, identified the root cause of the problem, and took appropriate actions to correct the issue in the current refueling outage. The issue could have been prevented by a more detailed procurement review process of the replaced heater cable termination lugs. (Section E8.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/08/1999	1999003-02	Pri: ENG Sec:	Licensee	NCV	Pri: 4A Sec: Ter:	Failure to Comply with GDC 57 for Main Steam Supply Piping to TDAFW Pumps A Non-Cited Violation was identified for failure to effectively translate the design basis and applicable regulatory requirements for the turbine driven auxiliary feed water pumps' main steam supply piping into specifications, drawings, and procedures. (Section E8.4)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002	Pri: ENG Sec:	NRC	POS	Pri: 4A Sec: 4C Ter:	DESIGN CONTROLS Appropriate design controls were implemented for sampled Unit 2 outage modifications. (Section E1.1)
Dockets Discussed: 05000370 McGuire 2						
03/27/1999	1999002	Pri: ENG Sec:	NRC	POS	Pri: 4B Sec: 4C Ter:	10 CFR 50.59 SAFETY EVALUATIONS FOR THE FINAL SAFETY ANALYSIS REPORT VERIFICATION PROJECT 10 CFR 50.59 safety evaluations for the Final Safety Analysis Report Verification Project identified discrepancies and Unit 2 outage modifications were technically adequate. (Section E1.1)
Dockets Discussed: 05000370 McGuire 2						

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03/27/1999	1999002	Pri: ENG Sec:	NRC	POS	Pri: 4C Sec: 5C Ter:	UNIT 2 OUTAGE MODIFICATIONS Lessons learned from previous modifications on Unit 1 were effectively implemented on Unit 2 outage modifications. (Section E1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002	Pri: ENG Sec:	NRC	POS	Pri: 5C Sec: 5B Ter:	LICENSEE PROBLEM REPORTS INVOLVING ICE CONDENSER SYSTEM COMPONENTS Licensee problem reports involving ice condenser system components, determined that identified concerns were appropriately corrected or resolved. Any potential reportable issues were evaluated and an appropriate determination made. (Section E1.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002-07	Pri: ENG Sec:	NRC	NCV	Pri: 4A Sec: Ter:	Failure to Identify Divider Barrier Coupons on Applicable Drawings A non-cited violation was identified for failure to properly identify divider barrier test coupons on appropriate drawings for storage in the reactor building. (Section E8.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
03/27/1999	1999002-06	Pri: ENG Sec: OPS	NRC	NCV	Pri: 4A Sec: Ter:	Failure to Maintain Electric Cable Separation Criteria A non-cited violation was identified for failing to maintain minimum electrical separation for redundant safety-related cables in the control area ventilation system as described by applicable design procedures. (Section E1.3)
Dockets Discussed: 05000369 McGuire 1						
01/15/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 5A Sec: 5B Ter: 5C	NUCLEAR PERFORMANCE ASSESSMENT The 1999 Nuclear Performance Assessment Section assessment of the facility's fire protection program was comprehensive and effective in identifying fire protection program safe shutdown circuit analysis documentation issues to management. The most significant issues identified by the audit team involved the adequacy of fire protection safe shutdown circuit analysis documentation. Planned corrective actions in response to the audit issues were substantial and included the initiation of a Fire Protection Generic Issues Project. (Section F7.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
12/11/1999	1999008	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	CONTROL OF LIQUID AND GASEOUS EFFLUENTS The licensee had maintained an effective program for the control of liquid and gaseous radioactive effluents from the plant. The radiation doses from those releases were a small percentage of regulatory limits. (Section R1.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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12/11/1999	1999008	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	IMPLEMENTATION OF ENVIRONMENTAL MONITORING PROGRAM The licensee had complied with the sampling, analytical and reporting requirements for the radiological environmental monitoring program, the environmental sampling equipment was being well maintained, and the monitoring program was effectively implemented. (Section R1.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
12/11/1999	1999008-03	Pri: PLTSUP Sec:	Licensee	NCV	Pri: 1C Sec: Ter:	Failure to Ship Contaminated Equipment in Accordance with Department of Transportation Regulations The licensee had established appropriate procedures for properly preparing radioactive materials for shipment. One non-cited violation was identified for failure to ship contaminated equipment in accordance with Department of Transportation regulations. (Section R1.4)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	RADIOLOGICAL CONTROLS The licensee was properly monitoring and controlling personnel radiation exposure during the Unit 1 refueling outage and posting area radiological conditions in accordance with 10 CFR Part 20. Personnel entering the radiologically controlled area were adequately briefed on radiological hazards and protective measures. Maximum individual radiation exposures were controlled to levels which were well within the regulatory limits for occupational dose specified in 10 CFR 20.1201(a). The licensee was usually successful in meeting established As Low As Reasonably Achievable goals. (Section R1.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
10/23/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	SHUTDOWN CHEMISTRY CONTROLS The licensee had implemented an effective shutdown chemistry control plan and closely monitored primary coolant chemistry during the shutdown for the Unit 1 refueling outage. (Section R1.2)
Dockets Discussed: 05000369 McGuire 1						
09/11/1999	1999006	Pri: PLTSUP Sec:	NRC	NEG	Pri: 1C Sec: Ter:	EMERGENCY PLANNING EXERCISE An exercise weakness was identified for the misclassification of the initiating event as a Notification of Unusual Event instead of an Alert during the biennial exercise on August 24, 1999. (Section P4.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
09/11/1999	1999006	Pri: PLTSUP Sec:	NRC	NEG	Pri: 1C Sec: Ter:	EMERGENCY PLANNING EXERCISE The turnover from the Technical Support Center to the Emergency Operations Facility was rushed and was not conducted in a manner consistent with the licensee's procedures during the biennial exercise on August 24, 1999. (Section P4.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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09/11/1999	1999006	Pri: PLTSUP Sec:	NRC	NEG	Pri: 1C Sec: Ter:	EMERGENCY PLANNING EXERCISE The licensee's initial briefing of the NRC team in the Emergency Operations Facility was incomplete during the biennial exercise on August 24, 1999. (Section P4.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
09/11/1999	1999006	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	EMERGENCY PLANNING EXERCISE The licensee's overall performance in responding to the simulated emergency during the biennial exercise on August 24, 1999, was satisfactory, and the exercise was judged to be a successful demonstration of the licensee's emergency response capabilities. (Section P4.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: PLTSUP Sec:	NRC	POS	Pri: 3A Sec: 4A Ter:	INDEPENDENT SPENT FUEL STORAGE INSTALLATION The licensee performed adequate installation of concrete rebar and formwork, as well as adequately controlled placement of the concrete for the independent spent fuel storage installation pads. The construction records and related documents were adequate. (Section R2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005	Pri: PLTSUP Sec:	NRC	POS	Pri: 4B Sec: Ter:	INDEPENDENT SPENT FUEL STORAGE INSTALLATION The licensee performed adequate identification and evaluation of the transportation pathway for the specially designed fuel cask transporter over buried piping and components inside the protected area. (Section R2.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
07/31/1999	1999005-02	Pri: PLTSUP Sec:	NRC	NCV	Pri: 4A Sec: Ter:	Failure to Meet 10 CFR 50.48 Concerning Non-Seismic Hydrogen Piping in a Safety-Related Area A non-cited violation was identified by the NRC for failing to meet the requirements of 10 CFR 50.48 regarding the routing of non-seismic hydrogen piping near the refueling water storage tank and associated piping. (Section F8.1)
Dockets Discussed: 05000369 McGuire 1						
05/13/1999	1999010	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	RADIOACTIVE MATERIAL LABELLING Material was labeled appropriately. (Section R1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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05/13/1999	1999010	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	PERSONNEL DOSIMETRY DEVICES Personnel dosimetry devices were appropriately worn. (Section R1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/13/1999	1999010	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	AS LOW AS REASONABLY ACHIEVABLE PROGRAM The licensee was maintaining exposures As Low As Reasonably Achievable. (Section R1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
05/13/1999	1999010-01	Pri: PLTSUP Sec:	Licensee	NCV	Pri: 1C Sec: 3A Ter:	Failure to properly post and control access to a Very High Radiation Area A non-cited violation was identified for failure to adequately post and properly control access to a Very High Radiation Area. (Section R1.1)
Dockets Discussed: 05000370 McGuire 2						
05/13/1999	1999010-02	Pri: PLTSUP Sec:	NRC	NCV	Pri: 1C Sec: Ter:	Failure to implement adequate controls, including having adequate process controls, for the sump room when the area was a Very High Radiation Area. A non-cited violation was identified for failure to implement adequate controls, including having adequate process controls, for the sump room when the area was a Very High Radiation Area. (Section R1.1)
Dockets Discussed: 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	RADIOLOGICAL PROTECTION Radiological postings and worker adherence to protective clothing requirements were considered adequate. Locked high radiation doors were properly controlled, high radiation and contamination areas were properly posted, and radiological survey maps were updated to accurately reflect radiological conditions. (Section R1.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	NUCLEAR SECURITY PLAN The alarm stations were appropriately equipped, manned, and operated in accordance to the Nuclear Security Plan commitments and regulatory requirements. (Section S1.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	NUCLEAR SECURITY PLAN The alarm stations were capable of maintaining continuous onsite and offsite communications according to the Nuclear Security Plan commitments and regulatory requirements. (Section S1.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	NUCLEAR SECURITY PLAN The conduct of security and safeguards activities in protected area access control of personnel, packages and material, and vehicles met regulatory requirements and Nuclear Security Plan commitments. (Section S1.4)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	NRC INFORMATION NOTICE 98-35 Actions to implement NRC Information Notice 98-35, "Threat Assessments and Consideration of Heightened Physical Protection Measures," dated September 4, 1998, were adequate. (Section S4.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 2A Ter:	PROTECTED AREA INTRUSION DETECTION SYSTEMS The protected area intrusion detection systems were functional, effective, and met the Nuclear Security Plan commitments and regulatory requirements. (Section S2.2)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 2A Ter:	NUCLEAR SECURITY PLAN The assessment aids were functional, well maintained, and effective for both covert and overt penetration attempts after an intrusion detection alarm and met the licensee's commitments and regulatory requirements. (Section S2.3)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 2A Sec: 1C Ter:	VEHICLE BARRIER SYSTEM The vehicle barrier system was functional, well-maintained and met Nuclear Security Plan commitments and regulatory requirements. (Section S2.5)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						

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02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	STR	Pri: 1C Sec: 2B Ter:	TESTING AND MAINTENANCE PROGRAM FOR SECURITY EQUIPMENT The testing and maintenance program for security equipment was effective and was considered a program strength. (Section S2.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001	Pri: PLTSUP Sec:	NRC	STR	Pri: 1C Sec: 3A Ter: 2A	PERSONNEL SEARCH EQUIPMENT The performances of the personnel search equipment and the proficiency of security personnel were security program strengths. (Section S2.4)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
02/13/1999	1999001-02	Pri: PLTSUP Sec:	Licensee	NCV	Pri: 1C Sec: Ter:	Failure to Follow Security Procedures for Protected Area Vehicle Checks EA 99-028 A non-cited violation was identified for failure to follow security procedures and willfully supplying inaccurate vehicle checklist documentation associated with protected area activities. (Section S8.1)
Dockets Discussed: 05000369 McGuire 1 05000370 McGuire 2						
06/21/1999	1999302	Pri: OTHER Sec:	NRC	POS	Pri: 3B Sec: Ter:	OPERATOR LICENSING The licensee developed written retake examination met the requirements of NUREG-1021. (Section O5.1)
Dockets Discussed: 05000369 McGuire 1						
02/05/1999	1999301	Pri: OTHER Sec:	NRC	POS	Pri: 3B Sec: Ter:	OPERATOR LICENSING In general, the examiners found that the as-submitted written examination and operating tests met the requirements of NUREG-1021 and improved on the 1997 examination submittal. The approved written examination questions were noted to be excellent test items for measuring candidate understanding of systems and administrative knowledge. (Section O5.1)
Dockets Discussed: 05000369 McGuire 1						

United States Nuclear Regulatory Commission PLANT ISSUE MATRIX

By Primary Functional Area

Legend

Type Codes:

BU	Bulletin
CDR	Construction
DEV	Deviation
EEI	Escalated Enforcement Item
IFI	Inspector follow-up item
LER	Licensee Event Report
LIC	Licensing Issue
MISC	Miscellaneous
MV	Minor Violation
NCV	NonCited Violation
NEG	Negative
NOED	Notice of Enforcement Discretion
NON	Notice of Non-Conformance
OTHR	Other
P21	Part 21
POS	Positive
SGI	Safeguard Event Report
STR	Strength
URI	Unresolved item
VIO	Violation
WK	Weakness

Template Codes:

1A	Normal Operations
1B	Operations During Transients
1C	Programs and Processes
2A	Equipment Condition
2B	Programs and Processes
3A	Work Performance
3B	KSA
3C	Work Environment
4A	Design
4B	Engineering Support
4C	Programs and Processes
5A	Identification
5B	Analysis
5C	Resolution

ID Codes:

NRC	NRC
Self	Self-Revealed
Licensee	Licensee

Functional Areas:

OPS	Operations
MAINT	Maintenance
ENG	Engineering
PLTSUP	Plant Support
OTHER	Other

EEIs are apparent violations of NRC Requirements that are being considered for escalated enforcement action in accordance with the "General Statement of Policy and Procedure for NRC Enforcement Action" (Enforcement Policy), NUREG-1600. However, the NRC has not reached its final enforcement decision on the issues identified by the EEIs and the PIM entries may be modified when the final decisions are made.

URIs are unresolved items about which more information is required to determine whether the issue in question is an acceptable item, a deviation, a nonconformance, or a violation. A URI may also be a potential violation that is not likely to be considered for escalated enforcement action. However, the NRC has not reached its final conclusions on the issues, and the PIM entries may be modified when the final conclusions are made.