

United States Nuclear Regulatory Commission PLANT ISSUE MATRIX

By Primary Functional Area

Region II
 ROBINSON

Date	Source	Functional Area	ID	Type	Template Codes	Item Title Item Description
01/29/2000	1999009	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	Clearance Implementation Clearances associated with charging pump valve replacement and emergency diesel generator maintenance provided adequate isolation conditions for personnel safety and protection of plant equipment. The clearances were implemented in accordance with the licensee's procedures.
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 2A Ter:	EDG Walkdown The emergency diesel generators were appropriately configured and maintained. System parameters were being maintained within TS requirements.
Dockets Discussed: 05000261 Robinson 2						
12/18/1999	1999008	Pri: OPS Sec:	NRC	POS	Pri: 1C Sec: Ter:	Operator Workarounds The licensee had appropriately identified operator workarounds. The existing workarounds did not significantly impact plant operational safety.
Dockets Discussed: 05000261 Robinson 2						
12/18/1999	1999008	Pri: OPS Sec:	NRC	POS	Pri: 2A Sec: Ter:	Control Room Instrumentation Deficiencies Control room instrumentation deficiencies were being managed effectively by operations personnel in accordance with the licensee's procedures. There was no significant cumulative impact on operational safety as a result of the instrumentation deficiencies, and no Technical Specification (TS) requirements were impacted.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	Shutdown and Startup Unit 2 shutdown and startup activities observed during Refueling Outage 19 were conducted effectively and in accordance with the licensee's procedures. No problems were encountered.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	Draindown Activities Drain-down activities were conducted in a deliberate and controlled manner, with close monitoring of key parameters such as reactor coolant system level and temperature.
Dockets Discussed: 05000261 Robinson 2						

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11/06/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: Ter:	Tornado Response and Recovery The licensee appropriately notified the NRC of a tornado which passed through the plant protected area during a thunderstorm on September 29. The licensee response and recovery from the tornado was appropriate.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 1B Sec: 2A Ter:	Turbine Runback Operators responded appropriately to a turbine runback resulting from a failed rod bottom bistable. The plant systems performed as designed, the transient was stabilized, and the unit was returned to 100 percent power.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: OPS Sec:	NRC	POS	Pri: 4B Sec: 5C Ter:	Temporary Instruction The licensee had determined that the plant was susceptible to a drain-down similar to that at Wolf Creek. The licensee had adequately addressed the issues identified in Temporary Instruction 2515/142 to preclude a drain-down during shutdown and common mode failure.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: OPS Sec: MAINT	NRC	POS	Pri: 2A Sec: 1C Ter:	Cold Weather Preparations The licensee program for cold weather protection was adequately implemented. Freeze protection panels and circuits, as well as, temporary enclosures and heaters were appropriately installed and maintained.
Dockets Discussed: 05000261 Robinson 2						
09/25/1999	1999006	Pri: OPS Sec: PLTSUP	NRC	POS	Pri: 1A Sec: Ter:	Hurricane Preparations Site preparations for Hurricane Floyd were appropriate.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005-01	Pri: OPS Sec:	NRC	NOED	Pri: 1A Sec: Ter:	Service Water Temperature Notice Of Enforcement Discretion The licensee requested and received a Notice of Enforcement Discretion (NOED) related to Technical Specifications (TS) service water (SW) temperature limits. SW temperature exceeded TS limits during a period of sustained hot weather. The NOED allowed continued unit operation.No violation of NRC requirements occurred.
Dockets Discussed: 05000261 Robinson 2						

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07/30/1999	1999301	Pri: OPS Sec:	NRC	NEG	Pri: 1C Sec: Ter:	Examination Results Four of seven (57%) applicants passed the examination. All of the SRO applicants passed. All of the RO applicants failed the written examination. One of the RO applicants failed the operating test as well.
Dockets Discussed: 05000261 Robinson 2						
07/30/1999	1999301	Pri: OPS Sec:	NRC	POS	Pri: 1C Sec: Ter:	Operator Licensing Exam The as-submitted written examination and operating tests met the guidelines of NUREG-1021.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	New Fuel Inspections New fuel inspections were performed in accordance with the licensee's procedures. The required fuel inspections were performed and documented by a reactor engineer. Foreign material exclusion procedures were correctly implemented.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	Moderator Temperature Coefficient Measurement of the end of life moderator temperature coefficient (MTC) was performed in accordance with licensee procedures. Plant maneuvers were conservative with respect to reactivity addition. There were no discrepancies noted with the acquisition of the data and the calculation of the MTC.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: OPS Sec:	NRC	MISC	Pri: 2A Sec: Ter:	Housekeeping / Temporary Material Storage Overall plant housekeeping was found to be maintained in accordance with licensee procedures. The licensee's plant housekeeping procedure was noted to have some confusing guidelines with regard to temporary material storage. The licensee plans to resolve the concern through the condition report process.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: OPS Sec:	NRC	NEG	Pri: 3A Sec: 1A Ter:	Equipment-Out-Of-Service Program The Equipment-Out-Of-Service (EOOS) program had not been utilized in the scheduling of work activities for a week contrary to recommendations in the licensee's procedures. The EOOS program graphically illustrates the change in core damage frequency when equipment is taken out-of-service. An acceptable level of risk was ensured by utilizing the matrix of safety significant combinations as presented in the work coordination procedure.
Dockets Discussed: 05000261 Robinson 2						

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05/22/1999	1999003	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	Power Reductions Two power reductions conducted during the report period were well planned and executed. Effective communications were maintained between operations personnel. Technical Specification limiting conditions for operation were met throughout the evolutions.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: OPS Sec:	NRC	POS	Pri: 2A Sec: 1C Ter:	System Walkdown A system walkdown found that the Post Accident Containment Ventilation System and the Isolation Valve Seal Water System were appropriately configured and maintained. System parameters were being maintained within Technical Specification requirements.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: OPS Sec: MAINT	NRC	POS	Pri: 1A Sec: Ter:	Clearance Review A clearance associated with a safety injection pump breaker inspection provided adequate isolation conditions for personnel safety and protection of plant equipment. The clearance was implemented in accordance with the licensee's procedures.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: OPS Sec:	NRC	NEG	Pri: 1A Sec: 3A Ter:	Radiation Monitor Setpoint Verification A discrepancy between the Reactor Turbine Generator Board indication and the radiation monitoring system recorder indication for the letdown radiation monitor was observed. Operators exhibited inattention to detail in not recognizing the discrepancy.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: 3B Ter:	Walkdown of Important Field Operator Actions A walkdown of the important field operator actions identified by the Probabilistic Safety Analysis determined that the operator was knowledgeable and that necessary equipment was appropriately staged to perform necessary tasks in a timely manner.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1C Sec: Ter:	Tracking and Resolution of Operator Work Arounds The licensee had established adequate procedural guidance for the identification, tracking and resolution of Operator Workarounds (OWA). One new OWA was identified that had not been identified by the licensee.
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Date	Source	Functional Area	ID	Type	Template Codes	Item Title Item Description
04/10/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1C Sec: Ter:	Operator Work Arouns Effect On Component Reliability The inspectors did not identify any reduction in system or component reliability or availability due to Operator Work Arouns or compensatory measures. The simulator and training staff were adequately maintaining the simulator like the plant and also were incorporating modeling changes necessary to mimic the actual plant deficiencies.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: OPS Sec:	NRC	POS	Pri: 1C Sec: 5A Ter:	Cummulative Effect of Operator Work Arouns Except for one example, the licensee effectively identified OWAs, established reasonable corrective actions, and satisfactorily assessed OWAs for overall cumulative effect on safe operations of the plant. The recent self-assessments dealing with OWAs were thorough, detailed, and self-critical. Senior site management routinely reviewed the results of the OWA cumulative assessments and were aware of ongoing problems, compensatory measures, and scheduled corrective actions.
Dockets Discussed: 05000261 Robinson 2						
02/27/1999	1999001	Pri: OPS Sec:	NRC	NEG	Pri: 1C Sec: Ter:	Requalification Program The majority of the biennial written examination questions met the guidelines of NUREG-1021, Examiner Standards and facility training procedures. Some of the written operator licensing examination questions contained psychometric flaws which diminished their effectiveness in evaluating operator knowledge. Overall the examination was considered valid.
Dockets Discussed: 05000261 Robinson 2						
02/27/1999	1999001	Pri: OPS Sec:	NRC	POS	Pri: 1A Sec: Ter:	Auxiliary Feedwater Walkdown A system walkdown found that the auxiliary feedwater system was appropriately aligned, component labeling and housekeeping were adequate.
Dockets Discussed: 05000261 Robinson 2						
02/27/1999	1999001	Pri: OPS Sec:	NRC	POS	Pri: 1C Sec: Ter:	Requalification Program The conduct and performance of the simulator examinations were satisfactory. The facility evaluators were thorough in noting individual performance discrepancies and the scenarios observed were effective in determining areas in need of retraining. Job performance measures adequately tested operators ability to perform tasks using the licensee's procedures. The licensee conducted remedial training and evaluations as required by 10 CFR 55.59 and facility training procedures. Operators that had failed requalification tests and quizzes were removed from shift until remediation was complete.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 3A Ter:	Inservice Inspection Activities Inservice examination activities observed were performed using approved procedures by skilled certified examiners. The inspection results were properly recorded and evaluated in accordance with the appropriate test procedures.
Dockets Discussed: 05000261 Robinson 2						

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11/06/1999	1999007	Pri: MAINT Sec:	Licensee	POS	Pri: 3A Sec: 1B Ter:	Inadvertent De-energization Of 480 Volt Bus Caused By Personnel Error A brief loss of decay heat removal was caused by a technician inadvertently tripping the bus supply breaker for the running residual heat removal pump. Safety significance was minimal as plant equipment functioned as designed and the operators took the appropriate actions in responding to the event. The licensee made the appropriate notifications per the regulations. The licensee's corrective actions addressed the root cause and causal factors contributing to the event (LER 1999-001-00).
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 3A Sec: 2A Ter:	Containment Local Leak Rate Testing Containment local leak rate testing was performed in accordance with the licensee's procedures. Total containment leak rate was determined to meet the requirements of 10 CFR 50 Appendix J.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: MAINT Sec:	NRC	POS	Pri: 5A Sec: 5C Ter:	Licensee Inservice Inspection Audits Licensee audits were identifying and resolving issues within the corrective action program.
Dockets Discussed: 05000261 Robinson 2						
09/25/1999	1999006	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: 4B Ter:	Maintenance Rule Program A review of four recent equipment functional failures indicated that the Maintenance Rule Program was effectively managed.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002-01	Pri: MAINT Sec:	NRC	NCV	Pri: 3A Sec: 3B Ter:	Failure To Follow Procedures During Safety Related Breaker Maintenance Preventive maintenance on the "B" containment spray pump breaker was performed by knowledgeable electricians. A violation was identified involving an electrician's failure to follow the preventive maintenance procedure during annunciator checks of the breaker.
Dockets Discussed: 05000261 Robinson 2						
02/27/1999	1999001	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: Ter:	Pressure Isolation Valve Maintenance/Testing The program for maintenance and testing of pressure isolation valves (PIVs) satisfied Technical Specification requirements. Leakage testing of two PIVs was not required and not included in the licensee's in-service testing program. There were no examples of inadequate maintenance or examples that would indicate an adverse trend or degradation in the material condition of reactor coolant system PIVs. Review of leakage testing data indicated good material condition of these isolation boundaries.
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02/27/1999	1999001	Pri: MAINT Sec:	NRC	POS	Pri: 2B Sec: Ter:	Relief Valve Testing The program for testing of ASME Section XI Class 2 and 3 relief valves met requirements. The initiatives for increased testing frequency of certain relief valves demonstrated a positive safety culture.
Dockets Discussed: 05000261 Robinson 2						
12/18/1999	1999008	Pri: ENG Sec:	NRC	POS	Pri: 4B Sec: Ter:	Service Water (SW) Operability Determination An operability determination (OD) and repair instructions for a SW piping leak downstream of the component cooling water heat exchangers was performed in accordance with the licensee's engineering procedures.
Dockets Discussed: 05000261 Robinson 2						
12/18/1999	1999008	Pri: ENG Sec: MAINT	NRC	POS	Pri: 4C Sec: 2A Ter:	Motor Operated Valve (MOV) Testing A review of data for select MOVs tested during the recent refueling outage determined that the tested MOVs met the acceptance criteria. No operability concerns were identified.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007-01	Pri: ENG Sec: MAINT	Licensee	NCV	Pri: 4B Sec: 4C Ter:	TS Violations Involving OPDT And OTDT Setpoints A violation for failure to meet the requirements of TS 3.3.1, Reactor Protection System (RPS) Instrumentation, for Over Power Delta Temperature (OPDT) and Over Temperature Delta Temperature (OTDT) RPS trip setpoints was identified and adequately corrected. The identification by the system engineer of the improper gain settings in the calibration procedure affecting the OPDT and OTDT reactor trip setpoints demonstrated excellent diligence. The safety significance related to the non-conservative gain adjustments was minimal (LERs 50-261/1999-002-00 & 1999-002-01).
Dockets Discussed: 05000261 Robinson 2						
09/25/1999	1999006-01	Pri: ENG Sec:	Licensee	NCV	Pri: 3A Sec: Ter:	Failure To Follow Procedures During Main Steam Safety Valve Testing A main steam safety valve was rendered inoperable during setpoint testing when an incorrect differential set pressure was used to calculate the "as left" lift set pressure. A violation was identified related to the failure to follow procedures during this evolution.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005	Pri: ENG Sec:	NRC	NEG	Pri: 4A Sec: Ter:	Containment Air Temperature The licensee adequately maintained the containment bulk air temperature within design limits. Two discrepancies associated with a design calculation and a modification package were identified by the inspectors and corrected by the licensee.
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08/14/1999	1999005-02	Pri: ENG Sec:	Licensee	NCV	Pri: 4C Sec: Ter:	Inadequate Procedures for Obtaining American Society of Mechanical Engineers Code Required Vibration Data An operability determination for the charging pumps addressed the appropriate technical concerns and was performed in accordance with the licensee's procedures. The predictive maintenance engineer displayed a good questioning attitude discovering the discrepancy. A violation was identified that involved inadequate procedures for obtaining the required pump vibration data specified by the ASME code.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005	Pri: ENG Sec: OPS	NRC	POS	Pri: 4B Sec: Ter:	Emergency Diesel Generator Operability Evaluation An engineering service request addressing the operability of the B emergency diesel generator (EDG) following the breaking of one of the three drive belts for the room supply fan utilized conservative assumptions and was consistent with the methodology used in the current design calculations. The B EDG was determined to be operable with the belt broken.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: ENG Sec:	NRC	NEG	Pri: 5C Sec: Ter:	Safety Injection Accumulator Level Transmitter Corrective actions taken to resolve an safety injection accumulator level transmitter LT-930 inaccuracy involved numerous maintenance attempts over a two month period indicating poor problem resolution. While cross checking the operable accumulator level instrument LI-928, with other parameters showed that this instrument channel was functional, the licensee could have provided greater assurance of LI-928 accuracy by performing a calibration early in the corrective action process.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: ENG Sec:	NRC	POS	Pri: 1C Sec: Ter:	Design Change Control Procedures The licensee's design change control procedures complied with regulatory requirements.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: ENG Sec:	NRC	POS	Pri: 1C Sec: Ter:	Year 2000 Review A year 2000 (Y2K) readiness program review was completed. Overall the Y2K project is about 98 percent complete and the contingency plan is about 95 percent complete. Both programs were on target to be completed by their scheduled due dates.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: ENG Sec:	NRC	POS	Pri: 4B Sec: 1C Ter:	Containment Liner Inspection The licensee's procedure for inspection of the containment liner incorporated current regulatory requirements. Engineering provided good support to the plant to effectively implement industry experience with liner corrosion issues and prepare to implement the requirements of Article IWE of ASME Section XI.
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07/03/1999	1999004	Pri: ENG Sec:	NRC	POS	Pri: 5A Sec: 5B Ter:	Engineering Self-Assessments The self-assessments performed within the Robinson Engineering Support Section (RESS) were effective in identifying engineering performance deficiencies and were useful in providing oversight to management.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004-01	Pri: ENG Sec:	NRC	NCV	Pri: 4A Sec: Ter:	Failure To Follow Design Control Procedures Plant modification packages were technically adequate with some exceptions. The 10 CFR 50.59 safety evaluation, design inputs, design evaluations, assumptions and references, and installation instructions generally met regulatory requirements. Six examples of a violation were identified for failure to follow design control procedures.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: ENG Sec:	NRC	POS	Pri: 4A Sec: Ter:	North Service Water Header Modification A 10 CFR 50.59 screening and Unreviewed Safety Question determination for the modification of the north service water header included the appropriate design considerations and was performed in accordance with the licensee's procedure.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: ENG Sec:	NRC	NEG	Pri: 4B Sec: Ter:	Operability Evaluation for "A" Emergency Diesel Generator Weaknesses in the operability evaluation associated with an emergency diesel generator lube oil leak were identified. The root cause analysis performed by the licensee associated with the lube oil gasket failure was thorough and resulted in appropriate corrective actions.
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Effluent Controls The consistently low doses from the plant liquid and gaseous effluents, relative to regulatory limits, were indicative of overall good performance by the licensee's effluent control program.
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Radiation Dose/Contamination Control The licensee was continuing to improve standards to keep collective dose and personnel contaminations to a minimum and maintain radiological exposures As Low As Reasonably Achievable.
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01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Solid Radwaste The licensee was successful in reducing the volume of solid radioactive waste generated.
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Radioactive Material Shipping Documenatation Reviewed radioactive material shipping documentation was found in compliance with applicable NRC and Department of Transportation requirements.
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 3A Ter:	Vehicle Search A vehicle search of a locomotive prior to entering the protected area was effectively performed by the licensee's security personnel in accordance with plant security procedures.
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 3B Ter:	Radiation Protection Controls Health Physics personnel demonstrated good awareness of plant radiological conditions and prescribed appropriate radiation protection controls for the radiological conditions .
Dockets Discussed: 05000261 Robinson 2						
01/29/2000	1999009	Pri: PLTSUP Sec:	NRC	STR	Pri: 1C Sec: 5A Ter:	Environmental & Radiation Control Self Assessment The inspectors found that the licensee made good use of self evaluations to improve staff knowledge, make program improvements, and to verify site programs were being effectively implemented. Corrective actions for identified problems were being corrected. The E&RC self assessment performance was identified as a program strength.
Dockets Discussed: 05000261 Robinson 2						
12/18/1999	1999008	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Emergency Preparedness Drill Scenario Package The licensee's submittals of the scope and objectives as well as the scenario package were timely and appropriate for this biennial emergency preparedness exercise.
Dockets Discussed: 05000261 Robinson 2						

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12/18/1999	1999008	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Emergency Preparedness Full Scale Drill Exercise Performance The licensee's performance in responding to the simulated emergency during the biennial exercise on December 8, 1999 was competent, and the exercise constituted a successful demonstration of the licensee's emergency response capabilities. Emergency declarations were correct and timely, and offsite notifications were initiated within approximately 15 minutes with the exception of the General Emergency notification. Command and control in each of the emergency response facilities was effective. Staffing of emergency response facilities was timely.
Dockets Discussed: 05000261 Robinson 2						
11/23/1999	01014-EA99 272	Pri: PLTSUP Sec:	Licensee	VIO IV	Pri: 1C Sec: Ter:	Failure To Comply With The Regulations In 10 CFR Part 73 And The Provisions Of The Robinson Physical Sec SL IV Violation related to access authorization with four examples. Example 1 was for failure to review and evaluate background information for persons granted unescorted access. Example 2 was for continuation of granting unescorted access authorization. Example 3 was for failure to maintain original data on which the licensee granted unescorted access authorization. Example 4 was for failure to log safeguards events within 24 hours of discovery.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Individual Radiation Exposure All individual radiation exposures in all dose categories were well within regulatory limits
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Refueling Outage Occupational Radiation Control/ALARA The licensee was effective in minimizing collective occupational radiation exposures on several jobs during the refueling outage. However, the licensee's shutdown cleanup for the outage was not as effective as that seen in previous shutdowns. Licensee management demonstrated strong support for the As Low As Reasonably Achievable (ALARA) program following the discovery of a leaking secondary source by providing resources to research and develop a comprehensive plan to minimize the impact of the leaking secondary source on the refueling outage doses.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Radioactive Waste Generation The licensee was successful in minimizing the volume of radioactive waste generated and was meeting their waste minimization goals.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	HP Technician Qualifications The licensee's vendor health physics technicians met the minimum qualifications required by Technical Specifications.
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11/06/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 3A Sec: Ter:	Refueling Outage Radiological Work Controls The inspectors observed good radiological work controls during refueling outage activities.
Dockets Discussed: 05000261 Robinson 2						
11/06/1999	1999007	Pri: PLTSUP Sec:	NRC	POS	Pri: 5A Sec: Ter:	Licensee Self Assessment The Nuclear Assessment Section audit of Robinson environmental and radiation control activities identified numerous opportunities for the licensee to improve the environmental and radiation control programs. The Nuclear Assessment Section Daily Turnover Records provided site management a useful tool to gauge real-time site performance. Identified problems were entered into the licensee's corrective action program, as appropriate.
Dockets Discussed: 05000261 Robinson 2						
09/25/1999	1999006	Pri: PLTSUP Sec:	NRC	POS	Pri: 5B Sec: 5C Ter:	Personnel Contamination Event The inspectors concluded that a personnel contamination event did not result in a significant dose to an individual. The licensee's investigation of the event was thorough and effective, and appropriate corrective actions were completed in a timely manner.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005	Pri: PLTSUP Sec:	NRC	NEG	Pri: 1C Sec: Ter:	Radiological Effluents The 1998 radiological effluents were well within release limits. The 1998 Radiological Effluent Release Report submitted to the NRC on April 29, 1999, contained numerous errors and the report will be corrected and submitted with the 1999 Effluent Report.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Counting/Analysis Techniques The licensee maintained adequate counting room quality control charts to monitor instrumentation reliability and trends. The licensee routinely demonstrated the ability to accurately quantify analyses through intra-laboratory and inter-laboratory testing and to correct analysis techniques when inaccuracies were identified.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Effluent Monitoring Effluent monitoring stations were adequately maintained and operational.
Dockets Discussed: 05000261 Robinson 2						

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08/14/1999	1999005	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 5A Ter:	Independent Spent Fuel Storage Installation (ISFSI) Control of the Independent Spent Fuel Storage Installation (ISFSI) was in conformance with the commitments and requirements contained in the site- specific ISFSI license and Technical Specifications. A recent audit of ISFSI activities was an excellent example of the licensee's ability to perform effective program reviews and identify program weaknesses.
Dockets Discussed: 05000261 Robinson 2						
08/14/1999	1999005	Pri: PLTSUP Sec:	NRC	POS	Pri: 5C Sec: Ter:	Refueling Outage 19 Radiation Exposure Planning The licensee was taking additional measures to minimize occupational radiation exposures for a fall refueling outage following the contamination of the reactor coolant system by leaking secondary startup sources. The licensee plans to cool the containment building in order to reduce personnel contaminations and improve worker efficiency and safety. Licensee efforts to minimize occupational radiation exposures were good.
Dockets Discussed: 05000261 Robinson 2						
07/03/1999	1999004	Pri: PLTSUP Sec:	NRC	NEG	Pri: 3A Sec: 1C Ter:	Fire Protection Equipment Use For Non-Fire Protection Functions An instance where the licensee was going to use the motor driven fire pump for non-fire protection use was identified. Licensee procedures related to the fire protection system provided conflicting guidance with regard to this non-fire protection related use. The licensee plans to resolve this matter through the condition report system.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: PLTSUP Sec:	NRC	POS	Pri: 3A Sec: Ter:	Radiation Controls and Security Radiological controls and security practices were properly conducted. Areas observed in the radiological control area were appropriately posted and secured. The security plan was effectively implemented and compensatory actions were initiated when required.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003	Pri: PLTSUP Sec:	NRC	POS	Pri: 3A Sec: 3B Ter:	Reactor Coolant System Sampling and Analysis The sampling and analysis to determine reactor coolant system (RCS) gross activity and dose equivalent iodine-131 activity was performed by knowledgeable technicians in accordance with the licensee's procedures. Technical Specification(TS) surveillance frequency requirements were being met and the RCS gross activity and dose equivalent iodine activity were well below TS limits.
Dockets Discussed: 05000261 Robinson 2						
05/22/1999	1999003-01	Pri: PLTSUP Sec:	NRC	NCV	Pri: 3A Sec: Ter:	Failure To Follow Procedure During Vehicle Search A violation involving the failure to follow procedures during a vehicle search was identified by the inspectors. A security officer was observed filling out and signing-off a vehicle search checklist before the search was completed.
Dockets Discussed: 05000261 Robinson 2						

United States Nuclear Regulatory Commission PLANT ISSUE MATRIX

By Primary Functional Area

Region II
ROBINSON

Date	Source	Functional Area	ID	Type	Template Codes	Item Title Item Description
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Leaking Secondary Source The licensee identified the source of increased Reactor Coolant System (RCS) coolant activity as a secondary source leak. The total antimony activity released to the coolant was negligible with respect to Technical Specification (TS) limits for gross specific activity. The licensee's action plan for dealing with the antimony was thorough and made good use of industry operating experience.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Emergency Planning Drill An emergency drill met its objectives and provided beneficial training to the site emergency organization.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Fire Related Incidents During the period 1997 through 1999, there were four incidents of fire, smoke, or significant equipment overheating within Unit 2 safety-related plant areas. Fire related conditions were identified and mitigating actions were taken in a timely manner. No significant increase or decrease in the number of fire related incidents occurred over the time period.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Fire Brigade Pre-Fire Strategies The fire brigade pre-fire strategies were found to be satisfactory and met the requirements of the NRC approved fire protection program.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: Ter:	Fire Brigade Drill Program The fire brigade drill program and fire drill participation met the requirements of the site fire protection program. The fire brigade demonstrated good response and fire fighting performance during a simulated fire brigade drill conducted during this inspection. A number of fire brigade drills had been performed in risk significant plant locations.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 2A Ter:	Combustible Control Procedures The licensee's implementation of the combustible control procedures and plant operational practices in safety-related areas were consistent with the approved fire protection program. Plant housekeeping and trash control was satisfactory. There was no adverse trend in the number of significant fire prevention program problems during the past two years.
Dockets Discussed: 05000261 Robinson 2						

United States Nuclear Regulatory Commission PLANT ISSUE MATRIX

By Primary Functional Area

Region II
 ROBINSON

Date	Source	Functional Area	ID	Type	Template Codes	Item Title Item Description
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 1C Sec: 5B Ter:	Fire Protection Program Self-Assessments The licensee's Nuclear Assessment Section assessments of the facility's fire protection program for a two-year period were effective in reporting fire protection program performance to management. The licensee's corrective actions in response to previously identified issues were comprehensive and timely.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 2A Sec: 1C Ter:	Fire Brigade Equipment Personal protective fire fighting equipment provided to the brigade was in good condition, well staged, properly maintained, and provided a sufficient level of personal safety needed to handle onsite fire emergencies.
Dockets Discussed: 05000261 Robinson 2						
04/10/1999	1999002	Pri: PLTSUP Sec:	NRC	POS	Pri: 2A Sec: 1C Ter: 5A	Fire Protection Systems and Equipment Appropriate emphasis had been placed on the operability of the fire protection equipment and components. The number of degraded fire protection components was low. Manual fire fighting equipment, automatic fire detection systems, and fire barrier features of fire zone/area walls, floors, and ceilings were operational and were well maintained. A National Fire Protection Association Code compliance vulnerability had been identified by the licensee and included in the plant corrective action program. No adverse trends had been observed for fire detection system spurious alarms and Electric Thermal Link fire damper resistance values for the carbon dioxide and Halon fire suppression systems.
Dockets Discussed: 05000261 Robinson 2						
02/27/1999	1999001	Pri: PLTSUP Sec:	NRC	NEG	Pri: 3A Sec: Ter:	Human Error During Resin Transfer Human error during a resin sluice caused displacement of resin into the auxiliary building drains and sump. The cleanup and resin recovery efforts resulted in personnel doses of approximately 325 millirem. All contaminated floor space was promptly decontaminated.
Dockets Discussed: 05000261 Robinson 2						
02/27/1999	1999001	Pri: PLTSUP Sec:	NRC	POS	Pri: 3A Sec: Ter:	Plant Support Radiological Controls and Security Radiological controls and security practices were properly conducted. Areas observed in the radiological control area were appropriately posted and secured. The security plan was effectively implemented and compensatory actions were initiated when required.
Dockets Discussed: 05000261 Robinson 2						

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.