

November 25, 1998

Carolina Power & Light Company  
ATTN: Mr. D. E. Young  
Vice President  
H. B. Robinson Steam Electric Plant Unit 2  
3581 West Entrance Road  
Hartsville, SC 29550

SUBJECT: INSPECTION PLAN - H. B. ROBINSON STEAM ELECTRIC PLANT UNIT NO. 2

Dear Mr. Young:

On November 2, 1998, the NRC staff completed an inspection resource planning meeting. The staff conducted this review for all operating nuclear power plants in Region II to develop an integrated inspection plan. We conducted this meeting in lieu of the semiannual Plant Performance Review, which the staff has moved to February 1999 because of the agency's shift to an annual Senior Management Meeting cycle.

This letter advises you of our planned inspection effort resulting from the inspection planning meeting. We have provided it to minimize the resource impact on your staff and to allow for scheduling conflicts and personnel availability to be resolved before the inspector's arrival onsite. Enclosure 1 details our inspection plan for the next 4 months. We have provided the rationale or basis for each inspection outside the core inspection program so that you are aware of the reason for emphasis in these program areas. Resident inspections are not listed due to their ongoing and continuous nature.

During the scheduling cycle, we will continue to focus some of our discretionary inspection effort on the resolution of open inspection items. Therefore, we may conduct additional inspections, which are not listed on Enclosure 1, to close open inspection items that are ready to be resolved. We will notify you at least 3 weeks before the start of these inspections.

The NRC's general policy for reactor inspections is that we will announce each inspection, unless announcing the inspection could compromise the objectives of the inspectors. Therefore, we may not have included some specific inspections on Enclosure 1, such as in the security and radiological protection areas, and these inspections may not be announced.

Enclosure 2 contains a historical listing of plant issues, called the Plant Issues Matrix (PIM). The PIM includes only items from inspection reports or other docketed correspondence between the NRC and Carolina Power & Light. This material will be placed in the public document room.

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PDR ADOCK 05000261  
Q PDR

TFCI

We will inform you of any changes to the enclosed inspection plan. If you have any questions, please contact me at (404) 562-4560.

Sincerely,

(Original signed by B. R. Bonser)

Brian R. Bonser, Chief  
Reactor Projects Branch 4  
Division of Reactor Projects

Docket No. 50-261  
License No. DPR-23

Enclosures: 1. Inspection Plan  
2. Plant Issues Matrix

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cc w/encls continued: See page 3

cc w/encls: Continued  
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NRC Resident Inspector  
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OFFICE	RII:DRP	RII:DRS	RII:DRS	RII:DRS	RII:DRS	RII:DRS	
SIGNATURE	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	
NAME	GmacDonald alt	KBar	GBelisle	PFredrickson	KLandis	TPeebles	
DATE	11/25/98	11/17/98	11/16/98	11/16/98	11/16/98	11/16/98	11/ /98
COPY?	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO

**ROBINSON  
INSPECTION PLAN**

INSPECTION PROCEDURE/ TEMPORARY INSTRUCTION	TITLE/PROGRAM AREA	NUMBER OF INSPECTORS	PLANNED INSPECTION DATES	TYPE OF INSPECTION - COMMENTS
IP 81700	Physical Security	1	12/07-11/98	Core Inspection
IP 62700	Maintenance (Intersystem LOCA)	1	1/25-29/99	Initiative Inspection IPE/PRA Significance
IP 71001	Operator Requalification	1	1/25-29/99	Core Inspection
IP 83750	Radiation Protection	1	3/8-12/99	Core Inspection
IP 64704	Fire Protection	1	3/15-19/99	Core Inspection
TI 2515/138	Operator Workarounds	3	3/15-19/99	Initiative Inspection

## United States Nuclear Regulatory Commission

Date: 11/25/1998

Time: 14:36:40

Region II  
ROBINSON

## PLANT ISSUE MATRIX

By Primary Functional Area

Date	Source	Functional Area	ID	Type	Template Codes	Item Description
09/12/1998	1998008	Pri: ENG Sec:	NRC	POS	Pri: 4B Sec: 2A Ter:	A review of the Auxiliary Feedwater (AFW) system determined that the system was capable of performing its safety function. The system engineer was knowledgeable of system status, maintenance rule data, outstanding system work orders, and planned/proposed system modifications.
09/12/1998	1998008	Pri: ENG Sec:	NRC	POS	Pri: 4B Sec: 4A Ter:	A review of an Engineering Service Request that changed the Isolation Valve Seal Water System tank operating pressure and low pressure alarm concluded that the plant change was performed in accordance with engineering modification package requirements.
09/12/1998	1998008	Pri: ENG Sec:	NRC	POS	Pri: 5A Sec: 4A Ter:	A licensee operability determination for an Emergency Diesel Generator (EDG) Service Water piping configuration found to be different than the original design was thorough. The piping maintained structural integrity and EDG operability was not affected.
09/12/1998	1998008	Pri: MAINT Sec:	Licensee	NEG	Pri: 3A Sec: Ter:	The inspectors concluded that the licensee had demonstrated that valve CC-749A was not degraded. The increased stroke time previously experienced was apparently the result of a measurement error. The retesting of valve CC-749A could have been performed in a more timely manner.
09/12/1998	1998008	Pri: OPS Sec:	Licensee	NEG	Pri: 2A Sec: 5A Ter:	Two components were found to be out of their normal position. Appropriate corrective actions were taken to restore these components to their normal configuration. The safety significance for both these events was minimal.
09/12/1998	1998008	Pri: OPS Sec: PLTSUP	NRC	POS	Pri: 1A Sec: Ter:	The licensee took appropriate measures to prepare the site for adverse weather conditions in anticipation of Hurricane Bonnie.
08/02/1998	1998008-01	Pri: OPS Sec:	Licensee	NCV	Pri: 3B Sec: Ter:	A Non-cited violation (NCV) was identified involving a failure to perform Technical specification (TS) required iodine sampling following a power reduction. Operators did not fully understand the requirements for sampling dose equivalent iodine following a rapid power change.
09/12/1998	1998008	Pri: PLTSUP Sec:	NRC	POS	Pri: 3A Sec: 1C Ter:	Radiological controls utilized during a Chemical and Volume Control System filter replacement were effective in minimizing personnel exposure and contamination.

# United States Nuclear Regulatory Commission

## PLANT ISSUE MATRIX

By Primary Functional Area

Date: 11/25/1998  
Time: 14:36:40

### 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
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.



# United States Nuclear Regulatory Commission PLANT ISSUES MATRIX

by SALP Functional Area

ROBINSON

16-Nov-98

DATE	TYPE(s)	SEC. SFA	SOURCE(s)	ID'd	ISSUE(s)	SMM CODES
<b>OPERATIONS</b>						
9/3/98	Negative		IR 98-07	NRC	Events associated with the June 29, 1998 EDG testing exhibited an instance of non conservative decision making. Licensee followup of the event was thorough and safety consequences were minimal.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
9/3/98	Negative		IR 98-07	NRC	Operators took appropriate actions in responding to a power transient resulting from a control failure of the low pressure heater bypass valve. The inspector noted that the operator exhibited inattention to detail and unfamiliarity with system component in incorrectly determining bypass valve position.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	NRC	The inspectors concluded that the Corrective Action Management program was effectively implemented. The licensee demonstrated effective controls for the identification, resolution, and prevention of issues that would degrade the quality of plant operations and safety. Corrective actions were generally thorough, although two examples were identified where the corrective actions were not totally effective. Defect repetitiveness, system and component operability, and industry events, when required, were addressed in each of the CRs reviewed.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
8/20/98	Strength	ENG	IR-98-07	NRC	Training feedback and evaluation programs were effectively implemented. Procedure requirements were met and the timeliness of corrective actions were satisfactory. The licensee's use of operating experience was a strength.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
8/20/98	Strength	ENG	IR-98-07	NRC	The Nuclear Assessment Section and Self-Assessments were a program strength. This was based upon the number, level of detail, quality of the assessments, and the significance of the findings. Corrective actions implemented for the identified items were generally satisfactory. Management demonstrated a proactive attitude with respect to self-assessments and corrective actions.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
8/20/98	Weakness	ENG	IR-98-07	NRC	The quality and detail of 10 CFR 50.59 safety evaluations was a weakness. Some screening question answers were not thorough and detailed and were not of sufficient detail to ensure an independent reviewer could draw the same conclusion and arrive at the same answer. The inspectors observed some improvement in the quality and detail of two recently completed 10 CFR 50.59 safety evaluations.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



ROBINSON

16-Nov-98

DATE	TYPE(s)	SEC. SFA	SOURCE(s)	ID'd	ISSUE(s)	SMM CODES
8/20/98	Positive		IR-98-07	NRC	Problem identification and resolution were effectively implemented. Plant problems were appropriately assessed for potential significance, work request were correctly assigned a priority, and deficient items were appropriately entered into the corrective action program. Probabilistic Safety Assessments were effectively used in work control management.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/>
7/27/98	NCV		IR 98-06	LICENSEE	A Non-Cited Violation (NCV) related to failure to appropriately log the Motor Driven Auxiliary Feedwater (MDAFW) pump inoperable and enter the appropriate Technical Specification (TS) action statement was identified (Section 02.1).	1 2 3 4 5 A <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6/29/98	VIO		IR98-05	LICENSEE	A violation for failure to perform a required surveillance test on the containment personnel air lock test was identified (Section 04.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6/29/98	Negative		IR98-05	NRC	Reactor operator response to the failed closed turbine control valve was incorrect. Licensee plans to review this event to enhance future training activities. Overall plant response was appropriate. Reactor startup activities following the trip were uneventful (Section 02.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6/29/98	Positive		IR98-05	NRC	The inspector observed portions of startup related activities and concluded that management decision to suspend startup to verify potential affects of the seismic event were conservative. The inspector did not note any affect to the plant as a result of the seismic event. Operator performance during startup was considered good (Section 01.3).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6/29/98	NCV		IR 98-05	SELF	A non-cited violation involving inadequate testing of refueling equipment was identified. There were no direct safety consequences of the fuel assembly drop incident. Had an irradiated assembly been subject to a similar drop, any release of radioactivity would have been contained, due to containment closure requirements during fuel movement. Licensee follow up to this event was appropriate (Section 01.2).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Positive		IR 98-02	NRC	Nuclear Assessment Section and Plant Nuclear Safety Committee continued to provide strong oversight, including during refueling outage 18 (Section 07.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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16-Nov-98

DATE	TYPE(s)	SEC. SFA	SOURCE(s)	ID'd	ISSUE(s)	SMM CODES
4/27/98	Negative	IR 98-02	SELF		The Reactor Coolant System draindown and overflow of approximately 200 gallons of water onto the containment floor exhibited a weakness on part of operations in the monitoring of available indications. The normal level of attention to detail was not exhibited by operations that contributed to this event (Section 01.4).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	NCV	IR 98-02	LICENSEE		A non-cited violation for not having both residual heat removal trains operable in Mode 6 was identified by the licensee (Section 01.3).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Negative	IR 98-02	NRC		An issue related to logging of Technical Specification action statement identified by the inspector was promptly corrected (Section 01.1).	1 2 3 4 5 A <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Strength	IR 98-300	NRC		The examiners identified generic strengths in the following areas: communications and the use of plant announcements. (Section 05.3)	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Weakness	IR 98-300	NRC		The examiners identified operating test generic performance weaknesses in the following areas: Subcooling Margin calculation, the use of plant curves to determine Emergency Diesel Generator Loading, and the prediction of plant response during nuclear instrument testing. (Section 05.3)	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Weakness	IR 98-300	NRC		The examiners identified potential generic knowledge weaknesses, based on written examination evaluation, in the following areas: Technical Specification design of Spent Fuel Pool Reactivity, operator actions for seal failures, trip logic for S/G low level, adjustment of Power Range Nuclear Instruments during testing, reactivity control during reactor start up with both Source Range Nuclear Instruments failing, prediction of plant parameters following a Reactor Coolant Pump trip, effects of a safety valve failing open, basis for tripping the turbine following an ATWS, actions and basis for rod insertion limits following a turbine runback and boric acid addition following two stuck rods. (Section 05.3)	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

ROBINSON

16-Nov-98

DATE	TYPE(s)	SEC. SFA	SOURCE(s)	ID'd	ISSUE(s)	SMM CODES
4/13/98	Negative		IR 98-300	NRC	The submitted written examination was acceptable with the exception of a limited number of written question distractors which lacked plausibility. The submitted operating examinations were acceptable, however, five prescribed JPM questions contained incomplete answers, resulting in licensee generated post-examination comments. (Section 05.2)	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Positive		IR 98-300	NRC	Control room activities were observed during the examination validation week and examination administration week. The operators were found to be attentive and professional in their duties. (Section 01.1)	1 2 3 4 5 A <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Negative		IR 97-14	SELF	The licensee promptly and adequately implemented and planned corrective actions to return the "A" Emergency Diesel Generator to operable status following inadvertent wetting of equipment due to inappropriate valve lineup on the service water system (Section 02.1).	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Negative		IR 97-14	NRC	The inspector identified that the licensee had erroneously included the wrong heatup and cooldown limit curves during the implementation of improved TS. The licensee determined that these errors were caused by inattention to detail. The potential safety implications were minimal due to plant procedures specifically prescribing the correct heatup and cooldown limits (Section 01.2).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/22/97	Negative		IR 97-12	NRC	The failure to properly implement Regulatory Guide commitments as described in the Updated Final Safety Analysis Report (UFSAR) associated with the Loose Parts Monitoring Program was considered similar to deficiencies and inconsistencies in the UFSAR and other licensing documents previously identified during the NRC's Architectural Engineering (A/E) Team Inspection. 4B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/22/97	Positive		IR 97-12	NRC	The onsite review functions of the Plant Nuclear Safety Committee (PNSC) were conducted in accordance with TS. The PNSC meetings were well coordinated and meeting topics were thoroughly discussed and evaluated. NAS continued to provide strong oversight of licensee activities. A NAS assessment of the Robinson Motor-Operated Valve program was thorough and resulted in important findings. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/22/97	Positive		IR 97-12	NRC	The licensee's implementation and transition to the Improved Technical Specifications was good. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

DATE	TYPE(s)	SEC. SFA	SOURCE(s)	ID'd	ISSUE(s)	SMM CODES
12/22/97	Positive		IR 97-12	NRC	Overall, licensee implementation of cold weather protection activities was satisfactory and the system engineer was familiar with plant cold weather protection equipment. Additionally, a Nuclear Assessment Section (NAS) audit of the plant cold weather protection activities was thorough, and condition reports were appropriately initiated to address several deficiencies that were identified by the NAS audit. 1A	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/22/97	NCV		IR 97-12	NRC	Two Non-Cited Violations (NCVs) were identified involving operator failure to follow procedures while implementing Technical Specification (TS) surveillance requirements. While individually, each of these items had low safety consequence, they indicated weaknesses in operator log keeping accuracy and operator attention to detail. 1A/3A	1 2 3 4 5 A <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/22/97	Positive		IR 97-12	NRC	Overall, operator response to the failure of a condensate pump shaft and subsequent automatic reactor trip was appropriate. Plant shutdown and startup activities were satisfactorily conducted. Ineffective corrective actions from a similar condensate pump shaft failure that occurred in 1991 resulted in the subsequent failure on November 16, 1997. 1B/5C	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive	MAINT	IR 97-11	NRC	The overall approach to assessing the risk-impact of maintenance activities was considered adequate. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive		IR 97-11	NRC	Licensed operators had a good understanding of the Maintenance Rule, understood how to use the matrix for taking equipment out-of-service, and understood their responsibilities for implementing the Maintenance Rule. 3B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	VIO		EEL 97-10-02, -03, Sect. 08.1, pg 6-9	NRC	Two apparent violations were identified for the failure to identify and correct a mispositioned EDG output breaker control switch prior to NRC identification, as well as the failure to assure adequate configuration controls of the switch position. The licensee determined that the switch was most likely mispositioned as a result of someone bumping the switch. Controls for verifying the switch position were weak. Enforcement Conference with the licensee was scheduled for 11/25/97.	1 2 3 4 5 A <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	Negative	SAQV	IR 97-10, Sect. 07.1, pg 5-6	NRC	PNSC failed to review a 1996 NRC notification event (10CFR50.72) as required by TS. The event involved an offsite notification to SCDEHC related to a diesel fuel oil storage tank leak. An error was made in the classification of the Condition Report related to the issue. Instead of Level 1, the CR was classified as Level 3, which does not get automatic review by PNSC. The inspector determined this was an isolated occurrence.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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10/11/97	Positive		IR 97-10, Sect. O2.1 and O2.2, pg 3-5	NRC	Walkdowns of plant electrical distribution and control room ventilation systems revealed that they were being operated in accordance with UFSAR and licensee lineup procedures. The systems were well maintained and TS surveillances were being met. Good licensee control and maintenance of systems important to safety.	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	Positive	ENG	IR 97-10, Sect. O1.3, pg 2-3	NRC	Licensee actions following the receipt of Loose Parts Monitoring alarms on SG A were responsive, thorough, and indicative of strong management attention. While the source of the noise was not identified, action plans were detailed and exhaustive. Good management attention and sensitivity on potential for loose part.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	Weakness	ENG	URI 97-10-01, Sect. O1.3, pg 2-3	NRC	Potential discrepancies were identified in the licensee's implementation of Loose Parts Monitoring System implementation and FSAR commitments to RG 1.133, with regards to testing and maintenance of LPMS. Failure to implement regulatory guide commitments as described in the UFSAR.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	Negative		IR 97-10, Sect. O1.1, pg 1	NRC	Overall, control room operator logs were appropriately maintained; however, on instance was noted where the status of a seismic monitor was not appropriately logged. Operator inattention to detail	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>MAINTENANCE</b>						
8/20/98	Positive		IR-98-07	NRC	The Maintenance Rule periodic assessment performed by the licensee took into account SSC's performance, condition monitoring, associated goals and preventive maintenance activities and met procedural requirements.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7/27/98	Positive		IR 98-06	NRC	The inspector concluded that the performance of OST-302-2 was satisfactorily accomplished. Coordination of the test was good. The licensee's response to out of specification conditions was appropriate, including the entering of the required action statements. Sound engineering judgment was used to correct the out of specification conditions.	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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7/27/98	Negative		IR 98-06	NRC	The inspector concluded that semi-annual maintenance was satisfactorily accomplished for the "B" Emergency diesel Generator (EDG). Several material and component problems were encountered during the maintenance and post maintenance testing. Resolution of these problems was accomplished expeditiously and appropriately through good coordination between maintenance, engineering and operations personnel. The inspector identified a procedural weakness with regard to the disposition of test equipment during OST-409-2. The procedure did not require that the chart recorder used for capturing surveillance acceptance criteria be checked for proper set-up and programming. As a result, OST-409-2 was re-performed, extending the unavailability time for the "B" EDG. The "B" EDG was returned to operability within the required time allowed by TS (Section M3.2).	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
7/27/98	NCV		IR 98-06	LICENSEE	A NCV for failure to install fuse clips and blown fuse indicator for the control rod power supplies was identified. The failure was caused by an inadequate procedure. Safety significance of the condition was determined to be minor (Section M3.1).	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
6/29/98	NCV		IR98-05	SELF	Two orifices on the MDAFW recirculation lines that had been worked on during the outage were installed backwards due to inattention to detail on the part of the mechanic. This issue was identified as a non-cited violation. The incorrectly installed orifices did not contribute to the pump deadheading (Section M4.1).	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
6/29/98	Positive		IR98-05	SELF	The "A" motor driven feedwater (MDAFW) pump was deadheaded during a test configuration. This did not cause damage to the pump. Licensee actions to determine the root cause, including formation of an event review team (ERT), were appropriate.	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
6/29/98	Positive		IR98-05	SELF	The repairs on the service water (SW) header were appropriately completed. Management oversight of this problem was considered good (Section M2.1).	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
4/27/98	Positive	ENG	IR 98-02	NRC	Records of Flow Accelerated Corrosion Testing that were reviewed were found to be complete and accurate. Isolated areas with below code minimum thickness were identified in Steam Generator (SG) "A" Feedwater nozzle to pipe reducer. These areas were properly evaluated by engineering and accepted for an additional fuel cycle (Sectoin M1.6).	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>

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4/27/98	Weakness	ENG	IR 98-02	NRC	The piping modification to increase the net positive suction head (NPSH) margin available to "B" and "C" safety injection (SI) pumps was implemented following design specifications and applicable code requirements. Fabrication of acceptable welds was accomplished with some degree of difficulty as evidenced by numerous weld rejections. Radiographs of the new welds exhibited film artifacts and the sensitivity on a number of films showed a need for improving the shooting technique and film developing practices. These observations reflected a weakness in the areas of welding and radiography (Section M1.5).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Positive	ENG	IR 98-02	NRC	The eddy current examination of SG tubes during this outage was well managed and executed following approved plans, procedures and industry guidelines. Technical personnel were well qualified to perform their assigned tasks. The eddy current inspection plan and the results attained met code and industry standards. There were no pluggable tubes identified (Section M1.4).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Positive	ENG	IR 98-02	NRC	Inservice inspection (ISI) activities observed were performed following approved procedures and applicable code requirements. Technicians were well trained and qualified to perform the assigned ISI examinations. The licensee's evaluations of unacceptable field conditions were evaluated and dispositioned with conservatism (Section M1.3).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Negative		IR 98-02	SELF	Licensee response to the Emergency Diesel Generator problems resulting from a raw water pressure switch during the 24 hour surveillance test were appropriate. However, a more detailed and thorough investigation after the first problem (reverse power trip) could have potentially identified the failure of the stopping relay (Section M1.2).	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Negative		IR 97-14	SELF	The inspector concluded that a weakness in the post maintenance testing and planning existed, which necessitated a reentry in a TS action statement following air filter replacement. However, the licensee identified several problems with post maintenance and surveillance testing that could place the unit in TS 3.0.3.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3/12/98	Positive	OPS	IR 9801	NRC	Changes made to maintenance and operation procedures which implemented the more restrictive requirements delineated in the new Improved Technical Specifications were found to be effective and thorough.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
3/12/98	Positive		IR 98-01	NRC	The process followed by the licensee in handling a pin hole leak in Component Cooling Water Line 10-AC-41 until a code repair could be performed was correct and thorough.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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12/22/97	Positive		IR 97-12	NRC	Emergency diesel generator (EDG) maintenance management indicated advanced planning and careful attention to detail. EDG post-maintenance testing was performed in a thorough and professional manner. The licensee thoroughly researched potential sources of vibration experienced on the "B" EDG and planned further evaluations during an upcoming planned diesel maintenance outage. The "B" EDG vibration data exceeded the in-service limit but was well below the vendor recommended shutdown limit. 2B	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
12/7/97	Positive		IR 97-11	NRC	Assessments of the Maintenance Rule were very good and provided effective monitoring of implementation of the Maintenance Rule. Audit personnel demonstrated good knowledge of Maintenance Rule requirements. 5A/5B	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
12/7/97	Strength		IR 97-11	NRC	In general, plant material condition and housekeeping observed during walkdowns was excellent. Preservation of equipment by painting was considered to be good. The licensee initiated corrective actions for the minor discrepant conditions noted in the structural area. The overall excellent housekeeping and material condition was considered a strength. 2A	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
12/7/97	Weakness		IR 97-11	NRC	Industry-wide operating experience had been considered, where practical, and operating data had been properly captured. However, a weakness was identified in the licensee's program in the area of collecting and tracking unavailability for safety significant SSCs. 4B/2B/3A	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/></p>
12/7/97	Strength		IR 97-11	NRC	For (a)(2) SSCs, in general, detailed performance criteria had been properly established, suitable trending had been performed, and corrective actions were taken when SSCs failed to meet performance criteria or experienced failures. The overall detailed program, specifically monitoring at the function level, was considered a strength. 4B/2B	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
12/7/97	VIO		IR 97-11	NRC	A violation was identified for failure to identify an unavailability period for two (a)(1) Maintenance Rule components. 4B/3A	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>
12/7/97	Positive		IR 97-11	NRC	In general, operating data was being properly captured, and industry-wide operating experience was considered, as appropriate. 4B/2B	<p>1 2 3 4 5</p> <p>A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p> <p>C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/></p>



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12/7/97	Positive		IR 97-11	NRC	Corrective actions, goals, and monitoring were very detailed and comprehensive for all (a)(1) SSCs reviewed. 4B/5A	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive		IR 97-11	NRC	The licensee considered safety in establishment of goals and monitoring for the (a)(1) systems and components reviewed. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Negative		IR 97-11	NRC	Procedural instructions to the system engineers for how to collect and track unavailability time were considered weak. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive	ENG	IR 97-11	NRC	The licensee's method for balancing reliability and unavailability was satisfactory and met the intent of paragraph (a)(3) of the Maintenance Rule. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive		IR 97-11	NRC	The licensee's plans for performing periodic evaluations and assessments met the requirements of the Maintenance Rule. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	VIO	ENG	IR 97-11	NRC	A violation was identified for failure to include the switchyard relay building and the turbine exhaust hood spray system within the scope of the Rule. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive		IR 97-11	NRC	In general, required structures, systems, and components (SSCs) were included within the scope of the Rule. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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12/7/97	Positive		IR 97-11 (Maintenance Rule Team Inspection)	NRC	Overall, the inspection team concluded that the licensee had a comprehensive Maintenance Rule program that met the requirements of 10 CFR 50.65, and the program was being effectively implemented. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	Strength		IR 97-10, Sect. M1.2, pg 10-11	NRC	The licensee's process for incorporating PSA/PRA information in the planning of online maintenance activities was considered a strength. Management has a strong commitment to utilizing PSA/PRA information in the planning and implementation of maintenance.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>ENGINEERING</b>						
7/27/98	NCV		IR 98-06	LICENSEE	A NCV for failure to maintain operable inside containment purge valves when the open travel limits were found set greater than 70 degrees in violation of TS 3.6.3 was identified. Licensee Event Report 98-01-01 issued for this event was closed (Section E8.7).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
7/27/98	Negative		IR 98-06	NRC	The inspector concluded that the NAS assessment was thorough, which resulted in the identification of several deficiencies. The safety significance of the inadequate Net Positive Suction Head (NPSH) for the charging pumps under certain conditions was minor as they are not relied upon during accident mitigation. However, the deficiency highlighted weaknesses in the design control process. Specifically, the responsible engineer as well as the reviewers had failed to recognize the impact on the charging pumps during the ongoing efforts to address the Safety Injection (SI) NPSH issues following the Architect/Engineer inspection (Section E4.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Positive		IR 98-02	NRC	The licensee's program for inspection of the containment vessel liner was effectively implemented. The results of the inspections showed that the liner met design requirements (Section E2.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/27/98	Positive		IR 98-02	NRC	Activities for correcting the instrumentation sensing line slope were performed in a technically and administratively acceptable manner (Section E1.3).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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4/27/98	Positive		IR 98-02	LICENSEE	Licensee appropriately evaluated the condition involving missing reactor coolant pump diffuser cap screws that was identified during the outage. The evaluation included the potential impact of the loose parts that were created by virtue of the missing cap screws on the reactor coolant system pressure boundary as well as fuel integrity as well as operating the reactor coolant pump with less than 16 diffuser cap screws (Section E1.1).	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	VIO		IR 98 01	NRC	A violation was identified with three examples of failure to update the UFSAR in accordance with 10 CFR 50.71 (e). A non-cited violation was also identified for the six examples of licensee identified UFSAR discrepancies discussed in IR-50-261/97-201 (Section E8.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
4/13/98	Negative		IR 98-01	LICENSEE	The I&C technician exhibited good questioning attitude when he noticed that the Ronan I/P had behaved differently than what he had remembered from a previous conversation with the responsible engineer. A non-cited violation was identified for not adequately considering the failure modes associated with the installation of new Ronan I/P. Upon identification, the licensee immediately stopped the installation activity and reconsidered the merits of the ESR as written (Section E3.1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Strength		IR 98-01	NRC	Based on the NRC inspections of the licensee's implementation of GL 89-10 and on the licensee's commitments in its letter dated February 20, 1998, the NRC is closing its review of the GL 89-10 program at Robinson (Section E1.2).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
12/22/97	VIO		IR 97-12	NRC	A Violation was identified for the failure to adequately control post modification testing related to ESR 9500783. The post-modification testing failed to confirm that the cooling performance of the Containment Air Recirculation Cooling system was not adversely impacted, and that the system was capable of meeting its intended safety function as described in Section 9.4.3.1 of the licensee's UFSAR. 2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/22/97	MISC		IR 97-12	NRC	The licensee had not met its original commitment date for correcting adverse findings regarding its implementation of Generic Letter (GL) 89-10 identified during NRC Inspection 50-261/96-12. Progress toward correcting the findings by the new date proposed by the licensee was generally satisfactory. Some concerns were identified. These concerns and the outstanding findings from rpt 97-12 will be re-examined in a future insp which will assess the licensee's completion of GL8910. (2B)	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
12/7/97	Strength	MAINT	IR 97-11	NRC	System engineer's knowledge of their systems and the Maintenance Rule was excellent. They understood how to apply the Maintenance Rule to their systems and were proactive in taking corrective actions. The system engineering area was considered a strength. 3B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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12/7/97	Positive	OPS	IR 97-11	NRC	The licensee's process for ensuring that critical safety functions were available during planned outages was adequate. The use of Equipment Out-Of-Service (EOOS) Monitor to evaluate plant configurations was good. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Strength	OPS	IR 97-11	NRC	The approach, under paragraph (a)(3) of the Rule, to assessing the risk-impact of maintenance activities was good. The assignment and use of licensed operators in the planning process and to perform evaluations of planned configurations was a strength. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive	MAINT	IR 97-11	NRC	The approach to risk-ranking for the Maintenance Rule was adequate. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive	MAINT	IR 97-11	NRC	The expert panel committee meeting discussions on covered topics were good, and the expert panel meeting minutes were well documented. 3A	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive	OPS	IR 97-11	NRC	The method of assuring the assumptions for reliability and availability in the PRA are conserved was good. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/7/97	Positive	MAINT	IR 97-11	NRC	The overall quantitative approach used to perform risk ranking for SSCs in the scope of the Maintenance Rule was good. Performance criteria were established with substantial probabilistic risk assessment (PRA) input. Documentation of PRA input was good. 4B/2B	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	NCV		NCV 97-10-05, Sect. E8.1, pg 14-15	LICENSEE	An NCV was identified against 10CFR50, App. B, Criterion III, Design Controls, for the lack of adequate design controls related to the licensee's repairs and alterations to the ECCS sump screens that resulted in degraded sump conditions. This issue was originally identified as URI 50-261/96-12-08.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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10/11/97	VIO		EEI 97-10-04, Sect. E2.2, pg13-14	LICENSEE	Licensee actions upon discovery of USQ associated with certain SF shipping activities were adequate. An apparent violation was identified for the failure to meet 50.59 requirements for performing a change to shipping procedures involving a USQ. Apparent violation was reviewed by NRC management and addressed in 11/7/97 correspondence where the NRC exercised enforcement discretion from issuing a violation.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
10/11/97	Strength		IR 97-10, Sect. E2.1, pg 12	NRC	Licensee management asked probing questions during maintenance rule system review meetings that were recently initiated. The reviews sensitized appropriate managers to the problems related to the systems. Maintenance rule system review meetings should result in better focus and management of problems related to maintenance rule plant systems.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/>
10/11/97	Positive	MAINT	IR 97-10, Sect. E1.1, pg 11-12	NRC	The spent fuel pool anti-siphon modification was properly implemented including adequacy of 10CFR50.59, UFSAR updates, and post-mod. testing. This modification further enhances plant safety, in that, it eliminates the potential for a siphon induced draindown of the spent fuel pool.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
<b>PLANT SUPPORT</b>						
8/20/98	Positive		IR-98-07	NRC	The annual radiological effluent report met applicable requirements and no adverse trends in radiological effluents were identified. All radiological effluents were well within release limits.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	NRC	The radiological effluent monitors and site meteorological station were adequately maintained.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	NRC	The liquid and gaseous radioactive waste systems were adequately maintained.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	NRC	The inspectors found the operation of the ISFSI in conformance with the commitments and requirements contained in the site specific ISFSI license and technical specifications.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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8/20/98	Positive		IR-98-07	NRC	Radioactive waste and radioactive material transportation documentation met licensee, NRC, and DOT regulatory requirements. Reviewed shipping documentation and records were properly completed. Staff responsible for preparing shipments of radioactive waste and material were qualified to perform transportation responsibilities.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	NRC	Solid radioactive waste generation and disposal were effectively monitored and managed. Licensee procedures for the control and packaging of solid radioactive waste met applicable regulatory requirements. Licensee radioactive waste streams were properly characterized.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	SELF	The inspector determined that the licensee's T&QP was adequate, that security personnel were trained and qualified and that the training was documented as required by the T&QP. (Section S5).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	SELF	The SFMs adequately demonstrated that they had the requisite knowledge necessary to effectively implement the duties and responsibilities associated with their day-to-day and contingency response positions.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	SELF	The licensee had developed very good procedures which clearly defined the actions to be taken by the officers during normal day-to-day operations and emergency contingencies. The licensee was maintaining an appropriate safeguards event log and were appropriately documenting failures of security personnel and equipment. The security failures were being appropriately analyzed and appropriate actions had been taken on each logged event. (Section S3).	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
8/20/98	Positive		IR-98-07	SELF	The licensee implemented proper compensatory measures during security equipment malfunctions or when the security system became inoperative due to weather related events. (Section S1).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6/29/98	Positive			SELF	I	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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6/29/98	Strength		IR98-05	NRC	Overall, as-low-as-reasonably-achievable (ALARA) planning efforts were appropriate and were effectively implemented for most outage work activities. Unanticipated problems and poor planning resulted in excess dose of 13 person-rem for three of the thirty-one planned projects (Section R1.2).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
6/29/98	Positive		IR98-05	SELF	The effectiveness of the licensee's dose reduction efforts in non-outage periods during 1997 were very good and had resulted in the site's lowest annual collective dose. The 1997 collective dose was 13 person-rem (Section R1.2).	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Strength		IR 98-04	NRC	The licensee's response strategy for protection of the vital equipment was very well planned and the execution was excellent during three table-top drills and one actual drill.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	NCV		IR 98-04	SELF	Alarm station and access control operators were well trained and responded to all alarms and assessments as required. On November 19, 1997, for approximately seven hours, the protected area perimeter intrusion detection system microwave zone (ALMWABZ-1) was inoperative without proper compensatory measures being implemented. This resulted in Non-Cited Violation (NCV) 50-261/98-04-01.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Strength		IR 98-04	NRC	Performance testing of the licensee's access control, personnel entry, intrusion detection, alarm station and alarm assessment equipment verified that the licensee had developed and employed a very good day-to-day security system that met the licensee's Physical Security Plan and Procedures requirements.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
4/13/98	Strength		IR 98-01	NRC	Overall licensee performance in 1997 in the Radiological protection area was excellent (Section R1.2) as evidenced by the low annual exposure.	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Strength		IR 97-13	NRC	The controller/evaluator organization conducted an excellent critique process. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>

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12/31/97	Strength		IR 97-13	NRC	Emergency Response Facilities were organized, equipped, and maintained in a manner that provided for the emergency response. 1C	1 2 3 4 5 A <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Strength		IR 97-13	NRC	The Joint Information Center and its staff were activated and functioned in a manner that provided for the dissemination of coordinated and accurate information to the public via the news media. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Strength		IR 97-13	NRC	Provisions existed for the prompt communications among principal response organizations to emergency personnel, and they were effectively used during the exercise to provide timely information and coordinate emergency response. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Strength		IR 97-13	NRC	The licensee demonstrated the ability to make timely and concise initial and follow-up notifications to the States and counties. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Weakness		IR 97-13	NRC	The licensee had a standard system for emergency classifications and used it to effectively classify the off-normal events. An Exercise Weakness was identified for failure to promptly declare a Notification of Unusual Event. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Strength		IR 97-13	NRC	Pre-designated personnel with well defined responsibilities promptly staffed the Emergency Response Facilities. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
12/31/97	Strength		IR 97-13	NRC	The scenario developed for this exercise was effective for testing the integrated emergency response capability and exercise preparations were well organized. 1C	1 2 3 4 5 A <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> B <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> C <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>



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16-Nov-98

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10/11/97	Positive		IR 97-10, Sect. S1.2, pg 16-17	NRC	The licensee completed construction upgrades of the security firing range training facility. The licensee's efforts to upgrade the training facility was indicative of good management support to further enhance security personnel performance.	<table border="0"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>A</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>B</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>C</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		1	2	3	4	5	A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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10/11/97	Positive		IR 97-10, Sect. R1.2, pg 16	NRC	The licensee's corrective actions for problems related to personnel entering the Radiation Control Area included the implementation of new turnstiles at the Radiation Control Area to provide greater positive controls. The licensee's corrective actions for problems related to personnel entering the RCA without appropriate monitoring was considered aggressive.	<table border="0"> <tr> <td></td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> </tr> <tr> <td>A</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>B</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> <tr> <td>C</td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input type="checkbox"/></td> <td><input checked="" type="checkbox"/></td> <td><input type="checkbox"/></td> </tr> </table>		1	2	3	4	5	A	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	B	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	C	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>
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**SMM Template Codes:**

1A	OPERATION PERFORMANCE - Normal Operations
1B	OPERATION PERFORMANCE - Operations During Transients
1C	OPERATION PERFORMANCE - Programs and Processes
2A	MATERIAL CONDITION - Equipment Condition
2B	MATERIAL CONDITION - Programs and Processes
3A	HUMAN PERFORMANCE - Work Performance
3B	HUMAN PERFORMANCE - KSA
3C	HUMAN PERFORMANCE- Work Environment
4A	ENGINEERING/DESIGN - Design
4B	ENGINEERING/DESIGN - Engineering Support
4C	ENGINEERING/DESIGN - Programs and Processes
5A	PROBLEM IDENTIFICATION & SOLUTION - Identification
5B	PROBLEM IDENTIFICATION & SOLUTION - Analysis
5C	PROBLEM IDENTIFICATION & SOLUTION - Resolution

**SALP Functional Areas:**

ENG	ENGINEERING
MAINT	MAINTENANCE
OPS	OPERATIONS
PLT SU	PLANT SUPPORT
SAQV	SAFETY ASSESSMENT & QV

**ID Code:**

LICENSEE	LICENSEE
NRC	NRC
SELF	SELF-REVEALED

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. Before the NRC makes its enforcement decision, the licensee will be provided with an opportunity to either (1) respond to the apparent violation or (2) request a predecisional enforcement conference.

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. 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.