

Enclosure 3

D.C. Cook Restart Action Matrix

June 8, 2000

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
Case Specific Checklist Items						
<p>Notes: CAPT - Corrective Action Program Team Inspection (IR 99024) DCTI - Design Control Team Inspection (IR 99023) ICI - Ice Condenser Inspection (IR 99026) IUI - Instrument Uncertainty Inspection (IR 99032) ECATI - Engineering Corrective Action Team Inspection (IR 99029) EFTI - Engineering Followup Team Inspection (IR 2000007) ST/EOP - Surveillance Testing and Emergency Operating Procedure Program Inspection (IR 99033) PRI - Programmatic Readiness Inspection (IR 99034) MOV - Motor Operated Valve Inspection (IR 2000002) NRR - NRC Office of Nuclear Reactor Regulation RRATI - Restart Readiness Assessment Team Inspection (IR 2000003) SI - Surveillance Inspection (IR 20000001) SRI - Senior Resident Inspector (IR 2000001: 02/26/00-04/01/00) (IR 2000013: 04/02/00-05/27/00) (IR 2000016: 05/28/00-07/01/00)</p> <p>RFI - Licensee is ready for this item to be inspected TBD - To be determined</p> <p>The column labeled "Licensee Status" lists either RFI or gives an estimated date when the licensee will be ready for this item to be inspected.</p>						
1	Programmatic Breakdown in Surveillance Testing					
1A	Inadequate Instructions in Surveillance Tests	SI (Passehl)	High	05/13/00	IR 98004 IR 98005 IR 98007 IR 98009 IR 97017 IR 99033	Closed IR 2000001
1B	Acceptance Criterion Lack Sufficient Margin to Analysis Limit	SI (Passehl)	High	05/13/00	IR 98005 IR 99033	Closed IR 2000001
1C	Failure to Meet Technical Specification Requirements	SI (Passehl)	High	05/13/00	IR 98005 IR 98007 IR 99033 LER 315/98015-01	Closed IR 2000001
1D	Preconditioning of Equipment Prior to Surveillance Testing	SI (Passehl)	High	05/13/00	IR 98007 IR 99033	Closed IR 2000001
1E	Failure to Assess and Control the Quality of Contractors Performing Surveillance Testing	SI (Passehl)	High	05/13/00	IR 98005 IR 99033	Closed IR 2000001

Enclosure 3

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2	Corrective Action Program Breakdown					
2A	Failure to Promptly Identify and Evaluate Conditions Adverse to Quality	CAPT	High			Closed IR 99024
2B	Inadequate Corrective Actions for Previously Identified Conditions Adverse to Quality	ECATI	High		IR 98004 IR 98005 IR98009 IR 97017 LERs 315/98010 315/98017	Closed IR 99029
3	Programmatic Breakdown in the Maintenance of the Design Basis					
3A	Inadequate Design Control Pertaining to Uncontrolled and/or Unintended Changes in the Plant Design	EFTI	High		IR 98004 IR 98005 IR 98007 IR 98009 IR 97017	Closed IR 2000007
3B	Failure to Update the Final Safety Analysis Report	ECATI	High		IR 98005	Closed IR 99029
3C	Failure to Consider Instrument Uncertainties, Setpoints and/or Instrument Bias	IUI	High		IR 98009	Closed IR 99032
3D	Inadequate Consideration for System/Component Failure Modes	ECATI	High		IR 98009	Closed IR 99029
4	Safety Evaluations					
4A	Failure to Perform Safety Evaluations or Safety Evaluation Screenings	DCTI	High			Closed IR 99023
4B	Inadequate Safety Evaluations	DCTI	High			Closed IR 99023
5	Operator Training Issues					
5A	Training Staff Ability to Develop Technically Accurate Examination Material in Accordance with Examination Guidelines Was Considered Poor		High		IR 97305	Closed IR 98023
5B	Operator Ability to Determine the Correct Protective Action Recommendations for the Emergency Event in Question		High		IR 97305	Closed IR 98023
5C	High Failure Rate for the Operator Examinations Indicated That the Applicants Were Not Well Prepared		High		IR 97305	Closed IR 98023

Enclosure 3

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5D	Applicant Abilities to Communicate and Diagnose Events During the Dynamic Simulator Scenarios Was Considered Weak		High		IR 97305	Closed IR 99016
6	Resolution of Ice Condenser Issues	ICI	High		IR 98005 LERs 98004, 5,6,7,8,10,15, 17,24,25,26,32, 35	Closed IR 99026
7	Resolution of Nonsafety-Related Cables Going to Shunt Trip Coils	NRR/ Shear Falevits	High		LER 98016 See Item R.2.7.5 IR 99032 IR 2000013	Closed 0350 Mtg. 05/24/00
8	Resolution of Hydrogen Recombiner Operability Issues	ECATI	High		IR 98007 LER 98009, 98019	Closed IR 99029
9	Resolution of Distributed Ignition Technical Specification Issue	ECATI	High		IR 98007	Closed IR 99029
10	Resolution of Containment Spray System Operability Issues	ECATI	High		LER 98022	Closed IR 99029
11	Resolution of Hydrogen Mitigation System Operability and Material Condition Issues	Holmberg RRATI	High	04/20/00	IR 98007 IR 2000007 IR 2000003 LER 98001	Closed 0350 Mtg. 05/19/00
12	Containment Liner Pitting	ICI	High		LER 98011	Closed IR 99026
13	Systems and Containment Readiness Assessments	SRI	High	05/06/00	Licensee's Restart Plan IR 2000016	Closed 0350 Mtg. 06/05/00
13A	Systems and Containment Problem Discovery		High		Licensee's Restart Plan	Closed IR 99002 IR 99003 IR 99006 IR 99007

Enclosure 3

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13B	Systems and Containment Final Readiness Review	RRATI	High	03/20/00	Licensee's Restart Plan IR 2000016	Closed 0350 Mtg. 06/05/00
14	Programmatic Readiness Assessment	RRATI	High	04/23/00	Licensee's Restart Plan	Closed 0350 Mtg. 05/19/00
14A	Programmatic Problem Discovery		High		Licensee's Restart Plan	Closed IR 99013
14B	Contractor Control Program Ready for Restart	PRI	High		Licensee's Restart Plan	Closed IR 99034
14C	Preventative Maintenance Program Ready for Restart	PRI	High		Licensee's Restart Plan	Closed IR 99034
14D	Emergency Operating Procedures Program Ready for Restart	ST/EOP	High		Licensee's Restart Plan IR 99033	Closed IR 2000010
14E	Electrical Protection Coordination including Fuse/Breaker Control Program Ready for Restart	EFTI	High		Licensee's Restart Plan	Closed IR 2000007
14F	Operability Determination Program Ready for Restart	PRI	High		Licensee's Restart Plan	Closed IR 99034
14G	Programmatic Final Readiness Reviews	RRATI	High	04/23/00	Licensee's Restart Plan	Closed 0350 Mtg. 05/19/00
15	Functional Area Readiness Assessment	RRATI	High	04/21/00	Licensee's Restart Plan	Closed 0350 Mtg. 05/19/00
15A	Functional Area Problem Discovery		High		Licensee's Restart Plan	Closed IR 99013
15B	Functional Area Final Readiness Reviews	RRATI	High	04/21/00	Licensee's Restart Plan	Closed 0350 Mtg. 05/19/00
16	Resolution of Operability of Motor Operated Valves in the GL 89-10 Program	MOV	High	04/10/00 (U2)	CR 98-2246, 3555 & 3920 IR 2000002	Closed 0350 Mtg. 05/01/00
Restart Issues						
R.1	Issues That Involve an Operability Question Regarding a System Required for Restart.					
R.1.1	URI 50-315/96013-06, "Normal Charging Capability"	ECATI	Low		SOPI Issue.	Closed IR 99029

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.1.2	LER 50-316/97003-03, "Performance of Dual Train Component Cooling Water Outage During Unit 2 1996 Refueling Outage Resulted in Condition Outside Plant Design Basis"	ECATI	Low		AE team issue (EEI 50-315/316/9800 9-29).	Closed IR 99029
R.1.3	LER 50-316/97005-01, "Condition Outside Design Basis Results in Technical Specification Required Shutdown"	ECATI	High		See also LER 315/97017-01 CAL Item 1	Closed IR 99029
R.1.4	LER 50-315/97017-01, "Condition Outside Design Basis Results in Technical Specification Required Shutdown"	ECATI	High		See also LER 316/97005-01 CAL Item 1	Closed IR 99029
R.1.5	LER 50-315/97018-01, "Failure to Maintain the 1/4 Inch Particulate Retention Requirement for the Containment Recirculation Sump Results in a Condition Outside the Design Basis"	ECATI	High		AE team issue (EEI 50-315/316/9800 9-08). CAL Item 2	Closed IR 99029
R.1.6	LER 50-315/97019-01, "Operation Contrary to the Design Bases with Residual Heat Removal Suction Valves Automatic Closure Interlock Defeated in Modes 4 and 5"	ECATI	Low		AE team issue (EEI 50-315/316/9800 9-34). CAL Item 6 The licensee plans to submit an amendment to Technical Specifications to close the issue.	Closed IR 99029
R.1.7	LER 50-315/97020-01, "Failure to Maintain Sump Vent Configuration Results in Condition Outside the Design Basis"	ECATI	High		AE team issue (EEI 50-315/316/9800 9-31). CAL Item 2.	Closed IR 99029
R.1.8	LER 50-315/97021-01, "Potential Loss of All Medium and High Head Injection Due to Single Failure Could Result in a Condition That Would Prevent the Fulfillment of the Safety Function of a System"	ECATI	High		AE team issue (URI 50-315/316/9800 9-07). CAL Item 4.	Closed IR 99029

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.1.9	LER 50-315/97022-01, "Failure to Comply with USAS B31.1 Power Piping Code Due to Oversight in Valve Control Requirements Results in a Condition That Could Have Prevented Fulfillment of a Safety Function of a System"	ECATI	Low		AE team issue (URI 50-315/316/98009-24).	Closed IR 99029
R.1.10	URI 50-315/97025-03, "SSPS Relay Operability History"	EFTI	Low		See also LER 315/98002-01.	Closed IR 2000007
R.1.11	LER 50-315/97026-01, "Potential for Over pressurization of the Control Air Headers Determined to Be Unanalyzed Condition"	ECATI	Low		AE team issue (URI 50-315/316/98009-13). CAL Item 5	Closed IR 99029
R.1.12	LER 50-316/98004-02, "Ice Condenser Bypass Potentially in Excess of Design Basis Limit"	ICI	Low			Closed IR 99026
R.1.13	EEL 50-315/316/98004-10, "Failure to Consider the Effects of Change to ES-0.1 on the Shutdown Margin"	ST/EOP	Low			Closed IR 99033
R.1.14	LER 50-316/98005-00, "Interim LER - Potential for High Energy Line Break to Degrade Component Cooling Water System"	EFTI	High		IR 99029	Closed IR 2000007
R.1.15	URI 50-315/316/98005-31, "As-Found Operability of Ice Condenser in Question for Past Plant Operation"	ICI	Low		See also LERs 315/98004-02, 315/98005-03, 315/98006-02, 315/98007-01, 315/98008-02, 315/98015-00, 315/98017-01, 315/98025-00, 315/98026-00, 315/98032-00, 315/98035-01.	Closed IR 99026
R.1.16	URI 50-316/98007-13, "Pending the Licensee's Assessment of the As Found Operability of the Open Electrical Junction Box, and Additional Inspector Review"	ECATI	Low			Closed IR 99029
R.1.17	URI 50-315/316/98009-13, "Apparent Failure to Analyze All Potential Failure Modes of the Instrument Air System That Could Render Redundant Trains of Safety-Related Equipment Inoperable"	ECATI	Low		See also LERs 315/97023-01, 315/97026-01. CAL Item 5	Closed IR 99029

Enclosure 3

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R.1.18	EEL 50-315/316/98009-34, "Operation of the Plant without Overpressure Protection for the RHR System, Contrary to the UFSAR"	ECATI	Low		Technical Specification amendment submitted. See also LER 315/97019-01.	Closed IR 99029
R.1.19	LER 50-315/98031-01, "Potential Common Mode Failure of Residual Heat Removal Pumps Due to Use of Inaccurate Values"	ECATI	Low			Closed IR 99029
R.1.20	LER 50-315/98032-00, "Defective and Missing Ice Condenser Basket Welds Represents Unanalyzed Condition, and 10 CFR Part 21 Report"	ICI	Low			Closed IR 99026
R.1.21	LER 50-315/98037-01, "Ice Condenser Bypass Leakage Exceeds Design Basis Limit of 5 Square Feet"	ICI	Low			Closed IR 99026
R.1.22	LER 50-315/98046-00, "Auxiliary Feedwater System Unable to Meet Design Flow Requirements During Special Test"	ECATI	Low			Closed IR 99029
R.1.23	LER 50-315/98050-00, "Ancillary Equipment Installed in Ice Condenser Not Designed to Withstand Design Basis Accident/Earthquake"	ICI	Low			Closed IR 99026
R.1.24	LER 50-315/98058-00, "Postulated High Energy Line Break Could Result in Condition Outside Design Basis for Auxiliary Feedwater"	EFTI	High			Closed IR 2000007
R.1.25	LER 50-315/99001-00, "General Electric HFA Relays Installed in Emergency Diesel Generators May Not Meet Seismic Qualification"	ECATI	Low			Closed IR 99029
R.1.26	LER 50-315/99008-00, "Residual Heat Removal (RHR) Piping Vibrations Could Potentially Cause RHR Piping Failures"	ECATI	Low			Closed IR 99029
R.1.27	LER 50-315/99010-00, "Reactor Coolant System Leak Detection System Sensitivity Not in Accordance with Design Requirements"	ECATI	Low			Closed IR 99029
R.1.28	LER 50-315/99011-01, "Air System for Emergency Diesel Generators (EDG) May Not Support Long Term Operability Due to Original Design Error"	Holmberg RRATI	High		IR 99029 IR 2000007 IR 2000003	Closed 0350 Mtg. 05/19/00
R.1.29	LER 50-315/99012-00, "Auxiliary Building ESF Ventilation System may not be Capable of Maintaining ESF Room Temperatures Post-Accident"	ECATI	Low			Closed IR 99029

Enclosure 3

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R.1.30	LER 50-315/99013-00, "Safety Injection and Centrifugal Charging Throttle Valve Cavitation During LOCA Could Lead to ECCS Pump Failure"	ECATI	Low			Closed IR 99029
R.1.31	LER 50-316/99003-00, "Fuses Not Installed for Cable Passing Through Containment Penetration"	SRI	Low	03/29/00	IR 2000013	Closed 0350 Mtg. 05/01/00
R.1.32	LER 50-315/99022-01, "Electrical Bus Degraded Voltage Setpoints Too Low For Safety-Related Loads"	NRR	Low	03/31/00	Discuss at 03/24/00 Tech Mtg IR 2000007 IR 2000016	Closed 0350 Mtg. 05/30/00
R.1.33	LER 50-315/99023-00, "Inadequate Technical Specification Surveillance Testing of Essential Service Water Pump Engineered Safety Feature Response Time"	ST/EOP	Low			Closed IR 99033
R.1.34	LER 50-315/99024-00, "Literal Technical Specifications Requirement Not Met By Accumulator Valve Surveillance"	ST/EOP	Low			Closed IR 99033
R.1.35	LER 50-315/99026-00, "High Energy Line Break Programmatic Inadequacies Result in Unanalyzed Conditions"	EFTI	High		Results of the licensee's evaluations and analysis of the safety significance of the conditions described will be provided in a supplement to this LER.	Closed IR 2000007
R.1.36	URI 50-315/316/99021-02, "Review ESW system licensing basis and operational requirements"	SRI	Low		IR 2000013	Closed 0350 Mtg. 05/24/00
R.1.37	LER 50-315/2000-002-00, "Large Bore Piping Not Meeting the Code of Record Results in Safety Systems Being Seriously Degraded"	SRI	Low		IR 2000013	Closed 0350 Mtg. 05/24/00
R.1.38	Licensee biennial review of operations' procedures	SRI	Low		IR 2000016	Closed 0350 Mtg. 06/02/00
R.2	Issues That Pertain to an Existing Case Specific Checklist Item.					
R.2.1	Issues That Pertain to Case Specific Checklist Item 1, Programmatic Breakdown in Surveillance Testing					

Enclosure 3

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R.2.1.1	EEI 50-315/316/97017-03, "A Procedure That Defines How to Perform Containment Inspections and Makes No Reference to Looking for Fibrous Material or Insulation That Could Clog the Recirculation Sump Is Not Appropriate to the Circumstances"	ECATI	High		Escalated enforcement item A.1.c. CAL Item 7.	Closed IR 99029
R.2.1.2	LER 50-315/98001-02, "Containment Air Recirculation System Flow Testing Results Indicate Condition Outside the Design Basis"	ECATI	Low		See also EEI 50-315/316/98007-06.	Closed IR 99029
R.2.1.3	LER 50-315/98004-02, "Interim LER - Restricted Ice Condenser Flow Passages Found to Constitute an Unanalyzed Condition"	ICI	Low			Closed IR 99026
R.2.1.4	IFI 50-315/316/98004-03, "Verification of Sump Screen As-Left Configuration"	ECATI	Low			Closed IR 99029
R.2.1.5	LER 50-315/98006-02, "Interim LER - Ice Basket Weighing Option Results in Potential Unanalyzed Condition"	ICI	Low			Closed IR 99026
R.2.1.6	LER 50-315/98007-01, "Interim LER - Ice Condenser Weights Used to Determine Technical Specification Compliance Not Representative"	ICI	Low		See IR 98005	Closed IR 99026
R.2.1.7	EEI 50-316/98007-07, "An Apparent Violation for Failure to Comply with TS Requirements Upon Discovery of an Inoperable PORV"	ST/EOP	Low		See also LER 316/98002-00.	Closed IR 99033
R.2.1.8	URI 50-315/98007-16, "Review of Additional Information on the Appropriateness of the Use of Duct Tape Inside of Containment"	ST/EOP (N.Shah)	Low		CAL Item 7 IR 99033	Closed IR 2000001
R.2.1.9	URI 50-315/316/98009-09, "ECCS Pump Suction Valves Not Leak-Rate Tested to Confirm Accident Analysis Assumption"	ECATI	High		CAL Item 8.	Closed IR 99029
R.2.1.10	URI 50-315/316/98009-15, "Apparent Failure to Establish Controls to Prevent Potential Operation of the CCW System with the CCW Heat Exchangers Above the Maximum Fouling Factor Value Established by the GL 89-13 Testing Program"	ECATI	Low			Closed IR 99029
R.2.1.11	URI 50-315/316/98009-16, "Performance Testing of the EDG Heat Exchangers Was Not Able to Detect Degradation, As Required by the Licensee's GL 89-13 Testing Program"	SRI	Low		IR 99021 Long Term Corrective Actions to be Addressed After Restart IFI 99021-03	Closed

Enclosure 3

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R.2.1.12	LER 50-315/98015-01, "Ice Weight Requirements Potentially Not Met Due to Nonconservative Assumption in Software Program"	ICI	Low			Closed IR 99026
R.2.1.13	EEL 50-315/98021-03, "Surveillance Procedure Did Not Direct the Operators to Restore the AES System to a Configuration Included in the Normal Operating Procedure or Enter the Appropriate TS Limiting Condition for Operation Action Statement"					Closed IR 99010
R.2.1.14	LER 50-315/98036-00, "Flow Indicator Not Calibrated at Technical Specification Required Frequency"	ST/EOP	Low			Closed IR 99033
R.2.1.15	LER 50-315/98041-00, "Component Cooling Water Pump Surveillance Testing Has Potential to Cause Unplanned Entry into TS 3.0.3"	ST/EOP	Low			Closed IR 99033
R.2.1.16	LER 50-315/98043-00, "Containment Air Locks Testing Not Performed in Accordance with TS 4.6.1.3.a"	ST/EOP	Low			Closed IR 99033
R.2.1.17	LER 50-315/98044-00, "Offsite Power Availability Not Verified as Required by Technical Specification Surveillance"	ST/EOP	Low			Closed IR 99033
R.2.1.18	LER 50-315/98051-00, "Reactor Trip Signal from Manual Safety Injection Not Verified as Required by Technical Specification Surveillance"	ST/EOP (N.Shah)	Low		IR 99033 Licensee Updating CRs	Closed IR 2000001
R.2.1.19	LER 50-315/98053-00, "Interim LER - Use of Inoperable Substitute Subcooling Margin Monitor"	SI (Passehl)	Low	03/31/00	IR 99033 IR 2000013	Closed 0350 Mtg. 05/01/00
R.2.1.20	LER 50-315/98060-00, "Interim LER - Reactor Trip System Response Time Testing Does Not Comply with Technical Specification Requirement"	ST/EOP (J. Maynen)	Low		IR 99033 Licensee Updating CRs	Closed IR 2000001
R.2.1.21	LER 50-315/99003-00, "Control Room Pressurization System Surveillance Test Does Not Test System in Normal Operating Condition"	ST/EOP (N.Shah)	Low		IR 99033	Closed IR 2000001
R.2.1.22	LER 50-316/99002-00, "Requirements of Technical Specification 4.0.5 Not Met Due to Improperly Performed Test"	ST/EOP (N.Shah)	Low		IR 99033	Closed IR 2000001
R.2.1.23	LER 50-315/99032-00, "Failures to Comply with Technical Specification 4.0.5 Identified by Inservice Testing Program Assessment"	MOV/ SI	High	03/31/00	IR 2000002	Closed 0350 Mtg. 05/01/00
R.2.1.24	LER 50-315/99014-00, "Requirements of Technical Specification 4.0.5 Not Met for Boron Injection Tank Bolting"	SRI	Low		IR 2000013	Closed (Pending IR 2000013)

Enclosure 3

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R.2.1.25	LER 50-315/99015-00, "Radiation Monitoring System Not Tested in Accordance with Technical Specification Surveillance Requirements"	SRI	Low		IR 2000013	Closed (Pending IR 2000013)
R.2.1.26	LER 50-315/99016-00, "Technical Specification Requirements for Source Range Neutron Flux Monitors Not Met"	SRI	Low		IR 2000013	Closed (Pending IR 2000013)
R.2.1.27	LER 50-315/99021-00, "Generic Letter 96-01 Test Requirements Not Met in Surveillance Tests"	SRI	Low		IR 2000013	Closed (Pending IR 2000013)
R.2.2	Issues That Pertain to Case Specific Checklist Item 2, Corrective Action Program Breakdown					
R.2.2.1	IFI 50-315/316/96006-07, "Responses to NRC Generic Communications Was Narrowly Focused and Did Not Fully Address the Issues"	ECATI	Low		IPAP issue.	Closed IR 99029
R.2.2.2	IFI 50-315/316/96006-14, "Slowed Implementation of Procedural Improvements"	SRI	Low		IPAP issue.	Closed IR 99022
R.2.2.3	LER 50-315/97010-02, "Unit Operation with Lake Temperature in Excess of Design Basis Value Results in Condition Outside the Design Basis"	ECATI	Low		AE team issue (EEI 50-315/316/98009-28). See also R.3.9.	Closed IR 99029
R.2.2.4	URI 50-315/316/97017-05, "The As-Found Condition of the Containment Recirculation Sump Relative to Technical Specification Operability During Modes 1, 2, and 3"	ECATI	High		See also LER 315/97024-04.	Closed IR 99029
R.2.2.5	EEI 50-315/316/98004-16, "Failure to Implement Corrective Actions for a Previous Condition Adverse to Quality"	ECATI	Low			Closed IR 99029
R.2.2.6	EEI 50-315/316/98005-12, "Failure to Identify/Evaluate Missing Ice Segments in Lower Section of Ice Baskets"	ICI	Low		Escalated enforcement Item B.2.	Closed IR 99026
R.2.2.7	EEI 50-315/316/98005-13, "Failure to Identify/Evaluate Buckled Webbing in Lower Section of Ice Baskets"	ICI	Low		Escalated enforcement Item B.3.	Closed IR 99026
R.2.2.8	EEI 50-315/316/98005-14, "Failure to Identify/Evaluate Fibrous Material in the Ice Condenser"	ICI	Low			Closed IR 99026
R.2.2.9	EEI 50-315/316/98005-15, "Failure to Promptly Identify/Evaluate Missing Ice Basket Sheet Metal Screws"	ICI	Low		See also LER 315/98005-03. Escalated enforcement Item B.1.	Closed IR 99026

Enclosure 3

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R.2.2.10	EEL 50-315/316/98005-16, "Failure to Prevent Recurrence of Loose U-Bolt Nuts"	ICI	Low		Escalated enforcement Item B.4.	Closed IR 99026
R.2.2.11	EEL 50-315/98005-17, "Failure to Prevent Recurrence of Separated Ice Baskets"	ICI	Low		Escalated enforcement Item B.5.	Closed IR 99026
R.2.2.12	EEL 50-315/316/98005-18, "Failure to Take Prompt Effective Corrective Action Ice Baskets with Failed Fillet Welds"	ICI	Low		Escalated enforcement Item B.6.	Closed IR 99026
R.2.2.13	URI 50-315/316/98009-04, "Apparent Failure to Take Prompt Corrective Action After the 1993 Systems Based Instrument and Control Inspection Finding Regarding the Potential for Vortexing and Air Entrainment in the RWST, and After Documented by the Licensee in 1995 in CR 95-1015"	ECATI	High			Closed IR 99029
R.2.2.14	EEL 50-315/316/98009-12, "Apparent Lack of Documentation to Demonstrate That the Control Room Equipment Was Qualified at Worst Case Operating Temperatures in the Control Room"	ECATI	Low		See also LER 315/97014-02.	Closed IR 99029
R.2.2.15	LER 50-315/98010-01, "Ice Condenser Intermediate Deck Door Structural Discrepancies Results from Failure to Follow Procedures"	ICI	Low			Closed IR 99026
R.2.2.16	EEL 50-315/315/98016-01, "Programmatic Breakdown in the Area of Corrective Action"	ECATI	Low			Closed IR 99029
R.2.2.17	LER 50-315/98017-01, "Debris Recovered from Ice Condenser Represents Unanalyzed Condition"	ICI	Low			Closed IR 99026
R.2.3	Issues That Pertain to Case Specific Checklist Item 3, Programmatic Breakdown in the Maintenance of the Design Basis					
R.2.3.1	IFI 50-315/316/96006-10, "Technical Operating Guidance Was Promulgated to Shift Supervisors Without Indication That It Had Operations Management Approval for Implementation"	SRI	Low		IPAP issue.	Closed IR 99022
R.2.3.2	LER 50-315/97011-02, "Operation Outside the Design Basis for ECCS and Containment Spray Pumps for Switchover to Recirculation Sump Suction"	Holmberg	High	04/13/00	AE team Issue (50-315/316/9800 9-01, 02, and 03). CAL Item 1 IR 99029 IR 2000013	Closed 0350 Mtg. 05/01/00

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.2.3.3	LER 50-315/97012-01, "Potential Operation of CCW System Above Design Basis Value for Heat Exchanger Outlet Constitutes Condition Outside Design Basis"	ECATI	Low		AE Team Issue (50-315/316/9800 9-33). CAL Item 3	Closed IR 99029
R.2.3.4	LER 50-315/97014-02, "Potential for Operation in Unanalyzed Condition Due to Postulated Elevated Room Temperatures"	ECATI	Low		AE team Issue (50-315/316/9800 9-12).	Closed IR 99029
R.2.3.5	EEL 50-315/316/97017-01, "The Lack of Sufficient Measures to Assure That the Design Basis Was Correctly Translated into Specifications to Control the Installation of Material That Could Be Essential to the Safety-Related Functions of the Containment System"	ECATI	High		Escalated enforcement Item C.2.d. IR 99029	Closed IR 2000007
R.2.3.6	EEL 50-315/316/97017-02, "The Lack of Sufficient Measures to Assure That the Design Basis Was Correctly Translated Into Instructions Which Would Be Changed in a Controlled Manner"	ECATI	High		Escalated enforcement Item C.2.e.	Closed IR 99029
R.2.3.7	EEL 50-315/316/97017-04, "A Procedure for Installation, Replacement, and Repair of Silicone Fire Barrier Penetration Seals That Did Not Require That Fibrous Damming Material Be Removed or Encapsulated Following Sealing Operations Is Not Appropriate to the Circumstances"	EFTI	High		Escalated enforcement Item C.2.d. IR 99029	Closed IR 2000007
R.2.3.8	LER 50-315/97024-04, "Material Discovered in Containment Degrades Containment Recirculation Sump and Results in Condition Outside Design Basis"	ECATI	High			Closed IR 99029
R.2.3.9	EEL 315/316/98004-09, "Failure to Verify or Adequately Check the Design Inputs in Calculation DCCHV12AE06-N"	ECATI	Low		Escalated enforcement Item C.2.i.	Closed IR 99029
R.2.3.10	EEL 50-315/316/98005-20, "WCAP-11902 Analysis Not Incorporated into the FSAR Per 50.71e"	ICI	Low		Escalated enforcement Item C.1.a.	Closed IR 99026
R.2.3.11	EEL 50-315/316/98005-21, "As-Built Ice Basket Bottom Assembly Not Incorporated into the FSAR Per 50.71e"	ICI	Low		Escalated enforcement Item C.1.b.	Closed IR 99026
R.2.3.12	EEL 50-315/316/98005-22, "As-Used Ice Form Not Incorporated into the FSAR Description Per 50.71e"	ICI	Low			Closed IR 99026
R.2.3.13	EEL 50-316/98005-23, "Ice Basket Modified by 02-MM-032 Not Incorporated into the FSAR Description Per 50.71e"	ICI	Low		Escalated enforcement Item C.1.c.	Closed IR 99026

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.2.3.14	EEI 50-315/98005-24, "Ice Baskets Modified by 01-MM-048 Not Incorporated into the FSAR Description Per 50.71e"	ICI	Low		Escalated enforcement Item C.1.c.	Closed IR 99026
R.2.3.15	EEI 50-315/316/98005-25, "Westinghouse Ice Basket Seismic Load Study, Dated February 28, 1990 Not Incorporated into the FSAR Per 50.71e"	ICI	Low		Escalated enforcement Item C.1.d.	Closed IR 99026
R.2.3.16	EEI 50-315/316/98005-26, "Revised Replacement Ice Basket Design Not Incorporated into the FSAR Per 10 CFR 50.71e"	ICI	Low			Closed IR 99026
R.2.3.17	EEI 50-315/98005-27, "Unauthorized Modification (Bolt Vice Pin) Installed in Three Unit 1 Ice Baskets"	ICI	Low		Escalated enforcement Item C.2.a.	Closed IR 99026
R.2.3.18	EEI 50-316/98005-28, "Unauthorized Modification (Sheath of Sheet Metal) Installed on a Unit 2 Ice Basket"	ICI	Low		Escalated enforcement Item C.2.b.	Closed IR 99026
R.2.3.19	EEI 50-316/98005-29, "Unauthorized Modification (Rivets Vice Screws) Installed on a Unit 2 Ice Basket"	ICI	Low		Escalated enforcement Item C.2.c.	Closed IR 99026
R.2.3.20	EEI 50-315/316/98005-30, "Failure to Follow Design Controls for Ice Basket Cruciform Modifications"	ICI	Low			Closed IR 99026
R.2.3.21	URI 50-316/98007-15, "Upward Travel of the Blocks Would be Limited by Contact with the Loose Nuts"	EFTI	Low			Closed IR 2000007
R.2.3.22	EEI 50-315/316/98009-01, "Apparent Failure to Recognize and Evaluate All RWST Level Measurement Error and Uncertainties"	IUI	High		See also LER 315/97011-02. Escalated enforcement Item C.2.f.	Closed IR 99032
R.2.3.23	URI 50-315/316/98009-02, "Incorrect RWST Level Acceptance Criterion Specified in TS Surveillance Procedure Could Have Allowed RWST Level to be Less than the TS Requirement"	ECATI	Low		See also LER 315/97011-02.	Closed IR 99029

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.2.3.24	EEI 50-315/316/98009-03, "Apparent Failure to Consider Potential for Vortexing and Air Entrainment When Establishing the RWST Low-Level Setpoint"	Holmberg	High	03/29/00	See also R.2.3.2 and LER 315/97011-02 Upon closing this item also close EA#s Escalated enforcement item C.2.g. IR 99029 IR 2000013	Closed 0350 Mtg. 05/01/00
R.2.3.25	EEI 315/316/98009-05, "The Uncertainty Calculations for the Containment and Containment Sump Level Instrumentation Loops Do Not Account for the Impact on the Post-Accident Containment Water Levels (ECPs 1-2-N3-01, 1-RPC-14, and 2-RPC-14), and Do Not Consider the Potential for Vortexing, Air Entrainment, or NPSH Requirements"	EFTI	High		Escalated enforcement item C.2.h. IR 99032	Closed IR 2000007
R.2.3.26	EEI 50-315/316/98009-06, "Apparent Failure to Demonstrate, Using Design Basis Documentation, That There Was Adequate Containment Recirculation Sump Water Volume Following a LOCA"	ECATI	High		Escalated enforcement item C.2.i.	Closed IR 99029
R.2.3.27	URI 50-315/316/98009-07, "Apparent Failure to Preclude a Single Active Failure When Performing Changes to the Plant, Which Is Contrary to the Assumptions in the UFSAR and the Design Basis"	ECATI	Low		See also LER 315/97021-01.	Closed IR 99029
R.2.3.28	EEI 50-315/316/98009-08, "Apparent Failure to Maintain the 1/4 Inch Containment Recirculation Sump Particulate Retention Requirement, Which Could Allow the ECCS Throttle Valves and Containment Spray Nozzles to Become Inoperable"	ECATI	High		See also LER 315/97018-01 Escalated enforcement item C.2.k.	Closed IR 99029
R.2.3.29	URI 50-315/316/98009-10, "Apparent Failure to Demonstrate, Using Design Basis Documentation, That the Plant Could Perform a TS 3.0.3 Shutdown in 36 hours to 200°F Using One CCW Train and Design Basis Assumptions"	ECATI	Low		CAL Item 3	Closed IR 99029
R.2.3.30	URI 50-315/316/98009-11, "Apparent Failure to Correctly Translate the As-Built Design of the CCW Heat Exchanger into Safety-Related Calculations and Analyses"	ECATI	Low			Closed IR 99029

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.2.3.31	EEL 50-315/316/98009-14, "Operation of the Plant with CCW Supplied Flows to Safety-Related and Important to Safety Components Contrary to the Values Stated in the UFSAR"	ECATI	Low			Closed IR 99029
R.2.3.32	URI 50-315/316/98009-17, "Inadequate Justification to Return the Unit 2 250 VDC Battery Train CD to an Operable Status"	SRI	Low			Closed IR 99021
R.2.3.33	EEL 50-315/316/98009-18, "Apparent Failure to Maintain Adequate Design and Procedural Controls That Allowed the Plant to Operate in Modes 5 and 6 without an Adequate Volume of Borated Water in the Other Unit's RWST in Order to Meet Appendix R Requirements"	ECATI	Low			Closed IR 99029
R.2.3.34	URI 50-315/316/98009-19, "Apparent Failure to Perform Instrument Uncertainty Calculation for the CCW Heat Exchanger Outlet Temperature Loop Uncertainty"	IUI	Low			Closed IR 99032
R.2.3.35	URI 50-315/316/98009-20, "Apparent Failure to Perform Instrument Uncertainty Calculation for the ESW Intake Temperature Loop Uncertainty"	IUI	Low			Closed IR 99032
R.2.3.36	URI 50-315/316/98009-21, "Apparent Failure to Perform Instrument Uncertainty Calculation for the Control Room Temperature Loop Uncertainty"	IUI	Low			Closed IR 99032
R.2.3.37	URI 50-315/316/98009-22, "Apparent Programmatic Deficiency with the Setpoint Control Program Concerning the Ability to Perform and Account for Instrument Uncertainties"	IUI	Low			Closed IR 99032
R.2.3.38	URI 50-315/316/98009-23, "Performing Changes to Safety-Related Procedures without Apparent Proper Review and/or Approval, Contrary to the Provisions of TS 6.5.3.1 and 10 CFR Part 50.59 Requirements"	SRI	Low			Closed IR 2000001
R.2.3.39	URI 50-315/316/98009-24, "Apparent Failure to Maintain Proper Design Control Regarding Industry Standards and Codes"	EFTI	Low		See also LER 315/97022-01.	Closed IR 2000007
R.2.3.40	URI 50-315/316/98009-25, "Apparent Failure to Maintain Adequate Design Control and Follow Established Procedures for Equipment Abandoned in Place"	ECATI	Low			Closed IR 99029
R.2.3.41	URI 50-315/316/98009-26, "Apparent Failure to Maintain Adequate Drawing Control That Has the Potential to Impact Plant Operating Procedures, and Maintenance Activities That Use Drawings"	ECATI	Low			Closed IR 99029

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.2.3.42	URI 50-315/316/98009-27, "Apparent Failure to Adequately Translate Design Basis Assumptions into Plant Procedure OHP4021.001.004, Plant Cooldown from Hot Standby to Cold Shutdown"	ECATI	Low			Closed IR 99029
R.2.3.43	EEL 50-315/316/98009-29, "Dual Train CCW Outage During Unit 2 Refueling Outage Results in Condition Outside the Design Basis"	SRI	Low		See also LER 316/97003-03 Escalated enforcement Item D.1.a.	Closed IR99023
R.2.3.44	IFI 50-315/316/98009-35, "UFSAR and TS Inconsistencies with RWST Volume"	ECATI	Low			Closed IR 99029
R.2.3.45	IFI 50-315/316/98009-36, "The RWST and the Containment Water Level Instrumentation AOTs Should Appropriately be Governed by Consistent AOT Requirements"	ST/EOP	Low			Closed IR 99033
R.2.3.46	LER 50-315/98011-02, "Steel Containment Liner Pitting in Excess of Design Basis"	ICI	Low			Closed IR 99026
R.2.3.47	LER 50-315/98012-01, "1/4 Inch Particulate Requirement not maintained in Containment Recirculation Sump"	ECATI	High			Closed IR 99029
R.2.3.48	LER 50-315/98013-01, "Improper Splice Configurations for Power Operated Relief Valve Limit Switches Results in Unanalyzed Condition"	EFTI	Low			Closed IR 2000007
R.2.3.49	LER 50-315/98014-03, "Response to High-High Containment Pressure' Procedure Not Consistent with Analysis of Record"	ST/EOP	Low			Closed IR 99033
R.2.3.50	LER 50-315/98018-02, "Use of Reactor Coolant Pump Seals as Alternate Boron Injection Flow Path Potentially Results in Unanalyzed Condition"	ST/EOP	High		IR 99033	Closed IR 2000010
R.2.3.51	LER 50-315/98020-01, "Interim LER - Containment Recirculation Sump pH Upper Limit Potentially Exceeded Due to Analysis Input Omission"	ECATI	Low			Closed IR 99029
R.2.3.52	LER 50-315/98022-02, "Potential Failure of Spray Additive Tank Nitrogen Regulator Results in Unanalyzed Condition"	ECATI	Low			Closed IR 99029
R.2.3.53	LER 50-315/98038-00, "Potential for Single Failure to Isolate Emergency Core Cooling System Suction Paths"	ECATI	Low			Closed IR 99029
R.2.3.54	LER 50-315/98045-01, "Interim LER - Insufficient Deliverable Volume in Containment Spray System Chemical Additive Tank"	ECATI	Low			Closed IR 99029

Enclosure 3

Item No.	Description	NRC Lead	Priority	Licensee Status	Comments	Status
R.2.3.55	LER 50-315/98047-00, "Interim - Potential Increase for Leakage Reactor Coolant Pump Seals Identified"	SI	High	04/08/00	USQ See R.3.7 IR 99033 IR 2000010 IR 2000016 LER will remain open pending review of supplement	Closed 0350 Mtg. 05/30/00
R.2.3.56	LER 50-315/98049-00, "Interim - Emergency Boron Injection Flow Path Inoperable Due to Original Design Deficiency"	ECATI	Low			Closed IR 99029
R.2.3.57	LER 50-315/98052-01, "Potential Failure Mode for Air Operated Components Not Considered in Original Design"	ECATI	Low		CAL Item 5	Closed IR 99029
R.2.3.58	LER 50-315/98055-00, "Interim - Potential Condition Outside Design Basis for Rod Control System"	ECATI	Low			Closed IR 99029
R.2.3.59	LER 50-315/98056-00, "Interim LER - Hot Leg Nozzle Gaps"	ECATI	Low		See also Item R.3.6.	Closed IR 99029
R.2.3.60	LER 50-315/98059-00, "Interim LER - Single Failure in Containment Spray System Could Result in Containment Spray pH Outside Design"	ECATI	Low			Closed IR 99029
R.2.3.61	LER 50-315/99017-00, "Improperly Installed Fuel Oil Return Relief Valve Renders Emergency Diesel Generator Inoperable Due to Personnel Error"	SRI	Low		IR 2000013	Closed (Pending IR 2000013)
R.2.3.62	LER 50-315/99020-00, "Emergency Diesel Generators Declared Inoperable Due to Inadequate Protection of Air Intake, Exhaust and Room Ventilation Structures from Tornado Missile Hazards"	SRI	Low		IR 2000013	Closed (Pending IR 2000013)
R.2.4	Issues That Pertain to Case Specific Checklist Item 4, Safety Evaluations					
R.2.4.1	VIO 50-315/96011-01, "Failure to Implement Temporary Modification Procedure"	ECATI	Low			Closed IR 99029
R.2.4.2	VIO 50-315/316/96015-04, "Failure of Design Control Measures to Adequately Review for Suitability Non-Safety Related Piping on the AFW Pumps"	ECATI	Low			Closed IR 99029
R.2.4.3	VIO 50-315/316/97004-04, "Failure to Perform 50.59 Evaluation (Ventilation Catch Basin in CR Panels)"					Closed IR 99001
R.2.4.4	VIO 50-315/316/97009-07, "Procedure on Temporary Modifications Was Not Followed"				OSTI issue.	Closed IR 97009