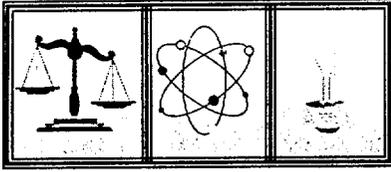


# McGuire Nuclear Station Regulatory Compliance

Regulatory    Nuclear    Electrical



Requirements    Safety    Generation

## Memorandum

Date: 3/29/2000  
To: McGuire Management  
From: M.T. Cash  
Subject: McGuire Compliance Report - March, 2000

Attached for your information is the monthly Regulatory Compliance report for March, 2000. Please contact Bonnie Beaver if you have any questions concerning the report.

### Distribution:

Brew Barron	MG01VP
Dhiaa Jamil	MG01VP
Jack Peele	MG01VP
Bryan Dolan	MG01VP
Bruce Travis	MG05SE
Charles Trezise	MG01MO
Tom Geer	MG05EE
Ken Thomas	MG01WC
Scotty Bradshaw	MG01OP
Mark Patrick	MG01IE
NRC Resident Inspector:	<i>Scott Shaeffer</i>

Kay Crane	MG01RC
Julius Bryant	MG01RC
Mike Wilder	MG01RC
PT Vu	MG01RC
Larry Nicholson	ON03RC
Lee Keller	EC050
Gary Gilbert	CN01RC
Lisa Vaughn	PB05E
NRC Proj Mgr:	<i>Frank Rinaldi</i>
	<i>Email: fxr2@nrc.gov</i>
	<i>FAX: (301)415-2102j</i>

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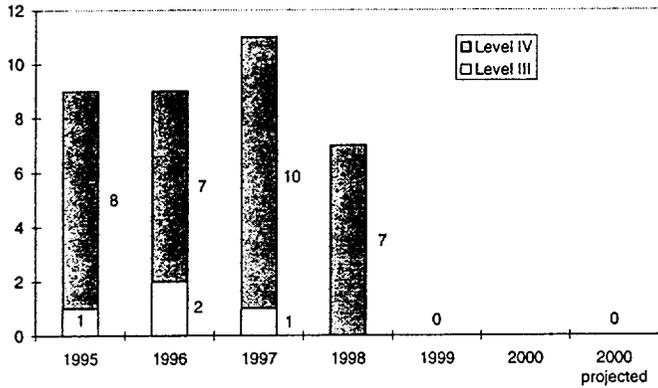
McGuire Nuclear Site      NRC Performance Indicators Annunciator Panel      Most Recent Data

#	NRC Performance Indicator	Unit 1	Unit 2
<b>Initiating Events:</b>			
IE-1	Unplanned Scrams Per 7000 Critical Hours (automatic & manual during previous 4 quarters)	0 (Green)	0.88 (Green)
IE-2	Scrams with a Loss of Normal Heat Removal (over the previous 12 quarters)	1 (Green)	1 (Green)
IE-3	Unplanned Power Reductions (Transients) per 7000 Critical Hours (over previous 4 quarters)	0 (Green)	0 (Green)
<b>Mitigating Systems:</b>			
MS-1	Safety System Unavailability (SSU) - Emergency Power (average of previous 12 Quarters)	0.73% (Green)	1.41% (Green)
MS-2	Safety System Unavailability (SSU) - High Pressure Safety Injection (average of previous 12 Quarters)	0.83% (Green)	0.71% (Green)
MS-3	Safety System Unavailability (SSU) - Auxiliary Feedwater (average of previous 12 Quarters)	0.65% (Green)	0.57% (Green)
MS-4	Safety System Unavailability (SSU) - Residual Heat Removal (average of previous 12 Quarters)	0.92% (Green)	0.96% (Green)
MS-5	Safety System Functional Failures (over previous 4 Quarters)	0 (Green)	0 (Green)
<b>Barrier Integrity:</b>			
BI-1	Reactor Coolant System (RCS) Specific Activity (maximum monthly values, % of Tech. Spec. Limit, during previous 4 Qtrs.)	0.04% (Green)	0.04% (Green)
BI-2	RCS Identified Leak Rate (maximum monthly values, % of Tech. Spec. Limit, during previous 4 Qtrs.)	1.69% (Green)	0.73% (Green)
<b>Emergency Preparedness:</b>			
EP-1	Drill/Exercise Performance (over previous 8 Qtrs.)	95.70% (Green)	95.70% (Green)
EP-2	ERO Drill Participation (% of Key ERO personnel that participated in a drill or exercise in the previous 8 quarters)	84.10% (Green)	84.10% (Green)
EP-3	Alert & Notification System Reliability (% reliability during previous 4 quarters)	95.80% (Green)	95.80% (Green)
<b>Occupational Radiation Safety:</b>			
OR-1	Occupational Exposure Control Effectiveness (occurrences during previous 12 Qtrs.)	2 (Green)	2 (Green)
<b>Public Radiation Safety:</b>			
PR-1	RETS/ODCM Radiological Effluent Occurrence (occurrences during previous 4 Qtrs.)	0 (Green)	0 (Green)
<b>Physical Protection:</b>			
PP-1	Protected Area Security Equipment Performance Index (over a 4 quarter period)	0.023 (Green)	0.023 (Green)
PP-2	Personnel Screening Program Performance (reportable events during previous 4 Qtrs.)	0 (Green)	0 (Green)
PP-3	Fitness-For-Duty (FFD)/Personnel Reliability Program Performance (reportable events during previous 4 Qtrs.)	0 (Green)	0 (Green)

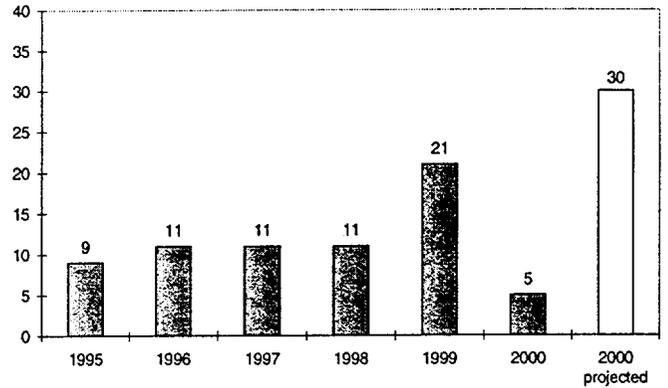
Acceptable Performance (Green)	Increased Regulatory Response (White)	Required Regulatory Response (Yellow)	Unacceptable Performance (Red)
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# VIOLATIONS

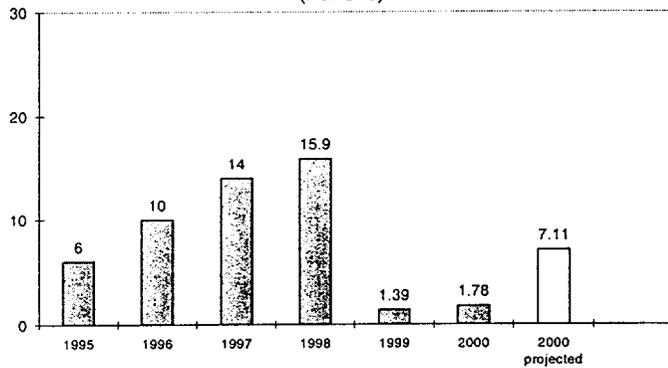
Violation History



NCVs



Industry Violations (Per Site)



<b>CURRENT YEAR SPECIFIC CITED VIOLATIONS</b>
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No cited violations received in 2000 YTD

Violation Number	Description	PIP No.	Conf. Man.	Human Perf.	Severity Level

No Non-Cited Violations Received in 2000 YTD

<b>Total Listing of 2000 2000 NON-CITED VIOLATIONS</b>
--

Violation Number	Description
1. 50/369,370/99-08-01	Non Compliance with TS 3.4.12 (LTOP) During Unit 1 Restart (Operations) (Disputed)
2. 50/369,370/99-08-03	Failure to ship contaminated equipment in accordance with Department of Transportation Regulations (Plant Support, Radiation Protection)
3. 50-369,370/99-09-01	Inadequate Corrective Actions for Previously Identified Lack of Logic Circuit Testing and Uncorrected Inaccuracies in the UFSAR (Maintenance)
4. 50-369,370/99-09-02	Incorrect Wiring Associated with the Train A Hydrogen Recombiner (Maintenance)
5. 50-369,370/99-09-03	Failure to Properly Implement and Maintain the Plant Fire Protection Program Requirements for Fire Barrier Penetration Seals (Plant Support, Fire Protection)

\*Updated through Inspection Report 99-09 Dated 2/7/2000

<b>TOTAL LISTING OF 2000 LICENSEE EVENT REPORTS (LERs)</b>
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(CM - Configuration Management    HP - Human Performance)

### UNIT 1

REPORT #	PIP #	C M	H P	TITLE	Responsible Individual(s)	EVENT DATE	DUE DATE	COMPLETION DATE
369/00-01	M-99-5015			LTOP	Kay Crane	1/7/00	2/7/00	2/7/00
369/00-02	M-99-5183			Inoperable FWST level transmitter	Julius Bryant	2/4/00	3/5/00	3/6/00
369/00-03	M-00-844			Non conservatism in spent fuel pool criticality calculation	Larry Abernathy	3/2/00	4/1/00	

### UNIT 2

REPORT #	PIP #	C M	H P	TITLE	Responsible Individual(s)	EVENT DATE	DUE DATE	COMPLETION DATE

#### Security LERs (not counted against station goals)

REPORT #	PIP #	C M	H P	TITLE	Responsible Individual(s)	EVENT DATE	DUE DATE	COMPLETION DATE

#### Special Reports (not counted against station goals)

REPORT #	PIP #	C M	H P	TITLE	Responsible Individual(s)	EVENT DATE	DUE DATE	COMPLETION DATE

# TECHNICAL SPECIFICATION AMENDMENT

## Submittals Under Development

T.S. No.	T.S. Name	Brief Description	Need By Date	Status	Submit Date (Planned )	ON/OFF Sched	RGC Site Cust.	Required/ Optional	Priority
3.4.3	RCS P/T Limits	P/T curves	8/1/00	Being Developed	3/15/01	OFF	PT Vu	Required	2
3.3.2	ESFAS	P-14 Applicability	6/00	Under Site Review		ON	S. Warren	Required	1
3.7.11 3.6.16 5.5.2	VA and Reactor Bldg	Add note to VA TS. Revise Rx Bldg TS SR 3.6.16 to remove reference to one door. Modify vessel and building visual inspection frequency. Delete "then at least one door shall be closed".	None	Site Review	5/15/00	ON	S. Warren N. Simms	Required	2
3.6.12	Ice Bed	Flow channel description. Ice distribution PLAN MG 98-1323	9/5/00	TSTF Being Reviewed by NRC	3/28/01	OFF	M. Wilder B. Fulbright	Required	1
3.3.2	ESFAS Instrumentation	FWST Instrumentation	3/31/00	Under development	4/27/00	OFF	K. Crane	Required	1
3.7.15 TAC MA5220/ 5221	Spent Fuel Storage	Take partial credit for soluble boron in SFPs PIP M97-3286 PLAN MG-99-0024	11/1/00	Under Development	8/1/900	ON	L. Abernathy S. Ballard	Required	2

## TECHNICAL SPECIFICATION AMENDMENT

### Submittals Under Consideration

T.S. No.	T.S. Name	Brief Description	Status	RGC Site Cust.
3.8.7	Inverters – Operation	Extend vital inverter AOT PLAN MG 99-0018	To Be Developed - Active	N. Simms
3.1.4	Rod Group Alignment Limits	WOG Rod Drop Time Testing flexibility	No WOG Support - Cancelled	PT Vu Swindlehurst
3.3.1	RTS Instrumentation	Change OPΔT and OTΔT allowable values PIP M97-2399	To Be Developed - Active	PT Vu T. Belk
3.6.6	NS	Add ND Auxiliary Spray Function	To Be Developed - Inactive	N. Simms L. Kunka
3.8.1	AC Sources	Longer EDG AOT PLAN MG 99-0014	To Be Developed - Inactive	PT Vu K. Thomas T. Geer
3.3.1 3.3.2	RTS & ESFAS Instrumentation	Elimination of Pressure Sensor Response Time Testing Requirements PLAN MG 99-0012	To Be Developed - Active	PT Vu
3.5.1	Accumulators	Extend CLA compl. time to 24 hours PLAN MG 99-0017	To Be Developed - Active	PT Vu S. Bradshaw
3.8.9	Distribution Systems – Operating	AC vital bus AOT – 8 hours	To Be Developed - Active	N. Simms
3.3.5	LOP DG Start	Add a FW Start	To Be Developed - Inactive	PT Vu
3.7.9, 3.7.4, 3.7.10, 3.7.11	CRAVS, NSW, CRACWS, ABFVES	Shared system situation where one train, is inoperable due to equipment failure and redundant train is without DG, shared system spec or 3.8.1 dictates?	To Be Developed - Active	N. Simms
4.2	Reactor Core	MOX batch utilization for MNS & CNS	To Be Developed, M2C19	S.Copp
3.0.?	Applicability	Allows simple Tech Spec changes in-house followed within 60 days with a submittal to NRC	Evaluating	PT Vu/Site
4.2	Reactor Core	MOX Lead assembly for McGuire 2	To Be Developed M2C16	S. Copp
3/3/2	ESFAS Instrumentation	Condition N&O for CA pump to be revised to enhance consistency with rest of the TS for CA system	To Be Developed - Active	
3/7/12	Fuel Handling Ventilation	Add requirement to support fuel movement of MNS fuel in pool and any crane operations with loads over pool.	To Be Developed - Active	

## TECHNICAL SPECIFICATION AMENDMENT

### Submittals Waiting NRC Approval

<u>T.S. No.</u> TAC No.	T.S. Name	Brief Description	Need By Date	Status	Submit Date (Actual)	ON/OFF Schedule	RGC / Site Cust.	Required / Optional
5.5.11	Ventilation Filter Testing Program	Revise to GL 99-02 Requirements	4/1/00	Awaiting NRC Approval	12/3/99	ON	J. Bryant R. Fisher	Required
3.3.1, 3.3.2	RPS/ESFAS	Eliminate "equality" signs in RPS EFSAS trip setpoints PLAN MG 99-0015	9/1/00	Awaiting NRC Approval	Actual Submittal 1/6/00	OFF	M. Wilder T. Belk	Required
3.3.2	ESF Act. System Instrument	Aux Feedwater Suction Pressure Low-Non conservative setpoint/ allowable value PIP 97-0528 PLAN MG 98-1307	None	Waiting NRC Approval	Submitte d 2/29/00	ON	N. Simms B. Marrow	Required

## RELIEF REQUEST

### Submittals Under Development

Relief Req. No.	Brief Description	Need By Date	Status	Submit Date	ON/OFF Schedule	RGC Site Cust.
99-GO-03	Limited Exam of Steam Generator Welds in Replacement Outage	12/00	NRC Reviewing RAI 2/9/00	11/12/99	ON	Norman Simms Gary Scarboro

### Submittals Waiting NRC Approval

<u>Relief Req No.</u> TAC No.	Brief Description	Need By Date	Status	Submit Date	ON/OFF Schedule	RGC / Site Cust.
98-GO-004 MA 2011/12	Visual Exam of Containment	None	NRC Reviewing	5/28/98	OFF	Norman Simms Mark Ferlisi
98-GO-007	Use of Sampling Plan for Containment Inspections	None	NRC Reviewing	10/19/98	OFF	Norman Simms Mark Ferlisi
98-005	Ultrasonic Exam of Welds (Unit 2)	5/1/00	NRC Reviewing	1/5/00	ON	Norman Simms Gary Scarboro
98-GO-006	RSG Manway Bolts Exam	5/1/00	Tech Review	2/00	ON	Norman Simms Jim McArdel
98-GO-005 MA 2011/12	Ultrasonic Exam Beams Angle	5/1/00	Tech Review	2/00	ON	Norman Simms Jim McArdel
99-001	Ultrasonic Exam of welds (U2)	5/1/00	NRC Reviewing	1/10/00	ON	Norman Simms Gary Scarboro
99-002	Request for alternative on pzz support skirt to lower head weld	5/1/00	Duke Retracted	1/05/00	OFF	Norman Simms Gary Underwood
99-003	Limited Exam of Welds in IEOC13	12/00	Under Development	4/15/00	ON	Norman Simms Gary Scarboro

<b>OTHER SUBMITTALS</b>
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### Submittals Under Development

License Amendment No.	License Amendment Name	Brief Description	Need By Date	Status	Submit Date (Planned)	ON/OFF Schedule	RGC Site Cust.
NPF-9 NPF-17	FOL	Clean up & remove outdated conditions PLAN MG 99-0023	None	Developing	Original: 6/30/99  PORC: 5/3/00  Revised: 9/1/00	OFF	K. Crane RGC

### Submittals Waiting NRC Approval

License Amendment No. TAC No.	License Amendment Name	Brief Description	Need By Date	Status	Submit Date (Actual)	ON/OFF Schedule	RGC Site Cust.

<b>EMERGENCY PLAN AND SECURITY PLAN AMENDMENTS</b>
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### Submittals Under Development

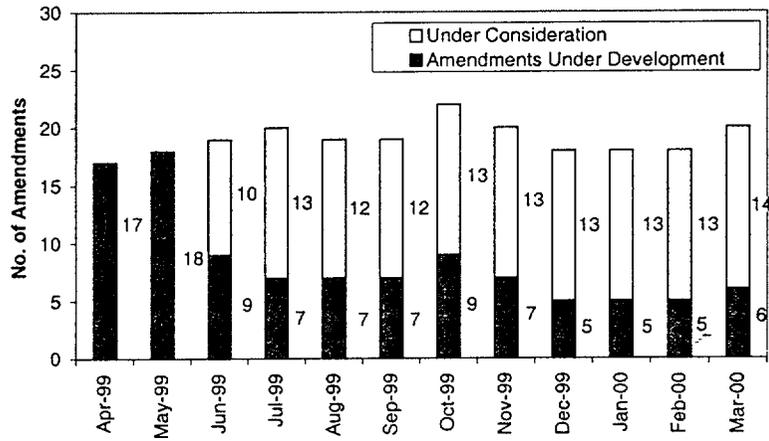
Number	Name	Brief Description	Need By Date	Status	Submit Date	ON/OFF Schedule	RGC / Site Cust.

### Submittals Waiting NRC Approval

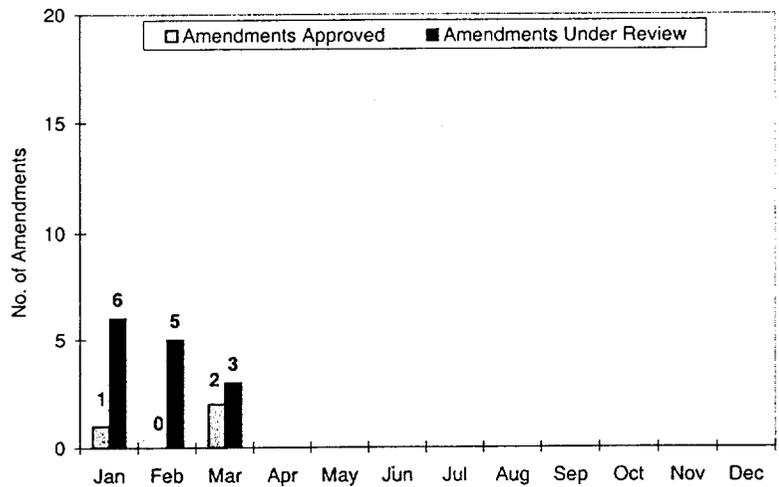
Number TAC No.	Name	Brief Description	Need By Date	Status	Submit Date	ON/OFF Schedule	RGC / Site Cust.
		Additional Maintenance Shift Staffing Allowance	ASAP	Awaiting Review	3/28/2000	ON	Steve Mooneyhan

# AMENDMENT SCHEDULING MEASURES

Amendments Under Development / Under Consideration

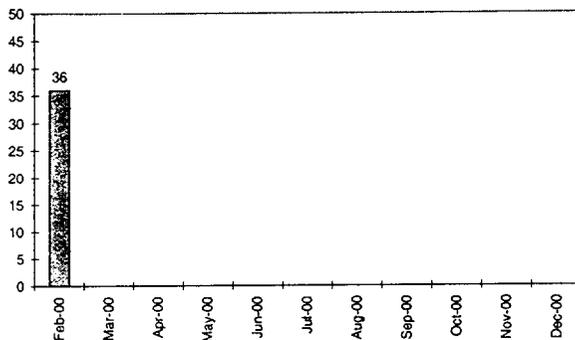


License Amendments with NRC

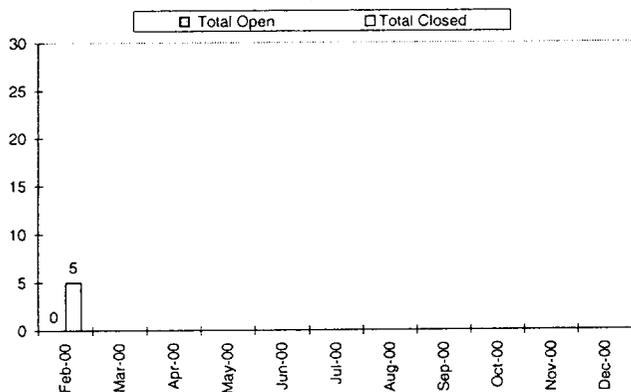


# COMMITMENT MANAGEMENT

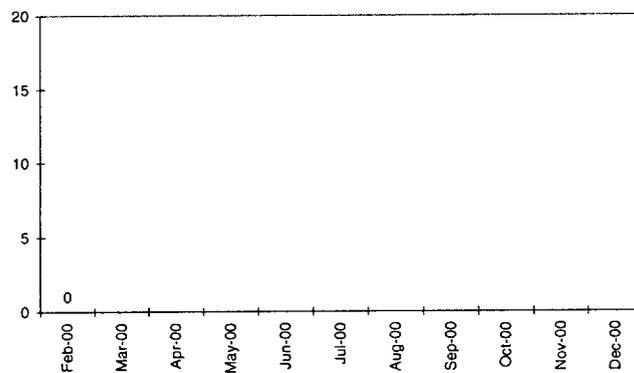
Total Outstanding Commitments



Number Open / Closed



Commitment Date Extensions



- **DEFINITIONS:**

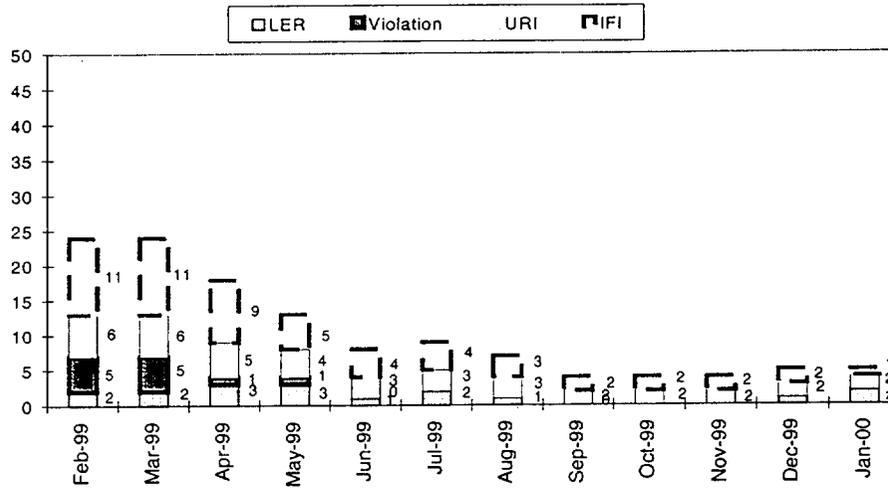
- Commitment:
  - Formal Statement of intent to satisfy regulatory criteria or condition
- Deviation:
  - Failure to satisfy a commitment

<b>NRC OPEN ITEMS</b>
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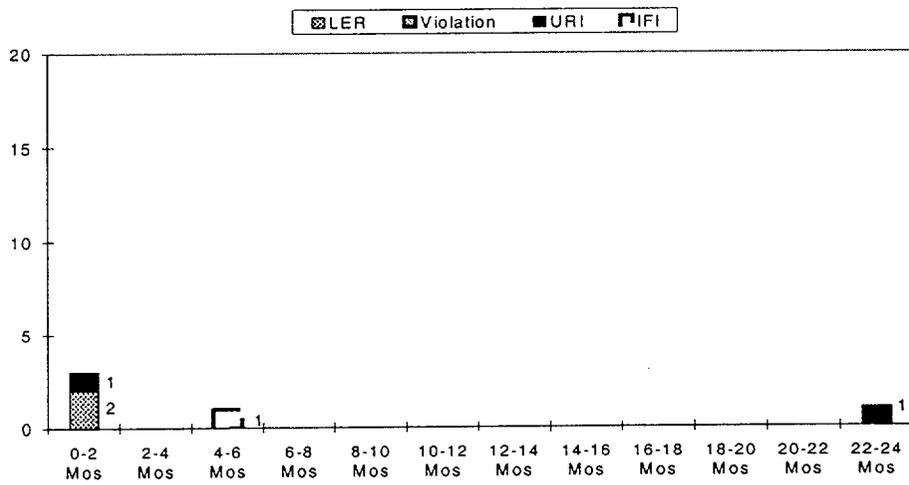
UNIT	TYPE	NUMBER	SALP AREA	DESCRIPTION	DATE OPENED	DATE TO NRC
369 370	URI	96-10-05	Eng	Use of compensatory measures to ensure VC system operability	Dec 96	
369 370	IFI	99-06-02	PS	Exercise Weakness for failure to correctly classify the initial set of emergency conditions as an Alert	Oct 99	
369 370	URI	99-08-02	MNT	Review of Past Operability Evaluations for Missing Ice Condenser Coupling Screws	Jan 2000	
369	LER	99-02	OPS	Annulus Ventilation System inoperable for a period of time longer than allowed by Technical Specifications	Jan 2000	
369	LER	00-01	OPS	Failure to meet TS action statement when more than one centrifugal charging pump or safety injection pump was capable of injecting into RCS	Feb 2000	

\*Updated through Inspection Report 99-09

### Open Items



### Open Items Age Distribution



# NRC INTERFACE MEETINGS AND INSPECTIONS

## 2000 NRC Interface Meetings

Date/Time	Subject	Technical
Reminder: Schedule Maintenance / Engineering / and Operations Management Update Meetings as necessary.		

## NRC Inspection Support & Reportability Rotation Schedule

Inspection Period	Accountable
Jan 17 – Feb 27	Julius Bryant
Feb 28 – Mar 31	Kay Crane
April 1 - April 30	Larry Abernathy
May 1 - May 31	Julius Bryant
June 1 - June 30	Kay Crane
July 1 - July 31	Larry Abernathy

Inspection Period	Accountable
August 1 - August 31	Julius Bryant
Sep. 1 - Sep. 30	Kay Crane
Oct. 1 - Oct 31	Larry Abernathy
Nov 1 - Nov 30	Julius Bryant
Dec. 1 - Dec 31	Kay Crane