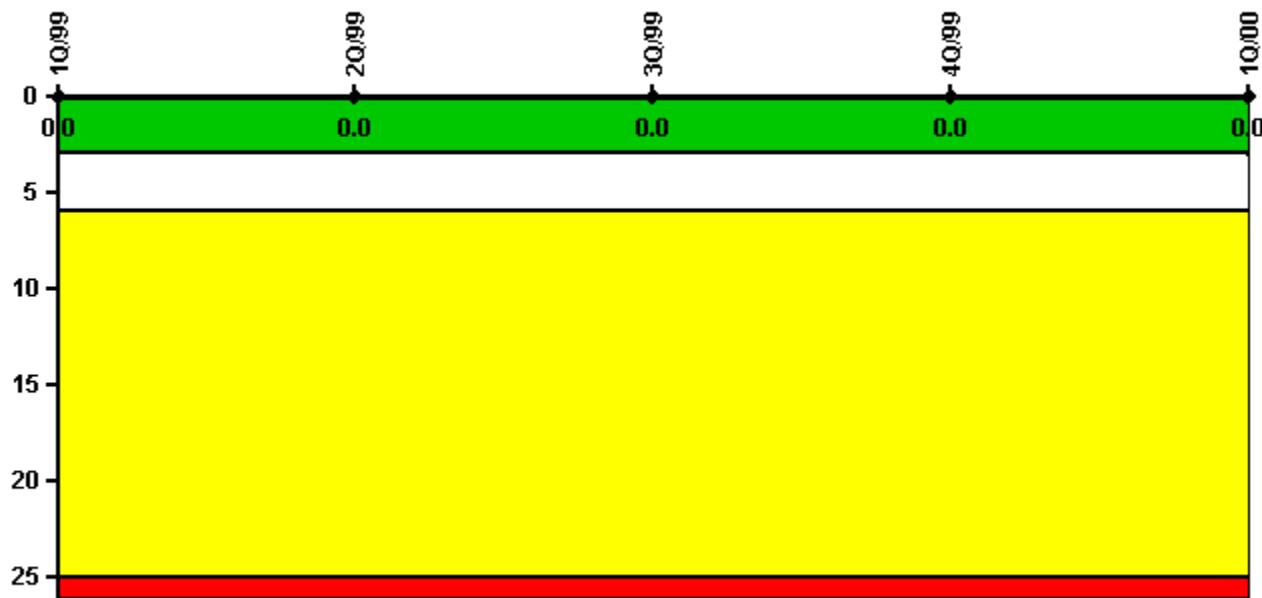


McGuire 1**1Q/2000 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	0	0	0
Critical hours	2160.0	2183.0	1894.7	1351.3	2184.0
Indicator value	0	0	0	0	0

Licensee Comments: none

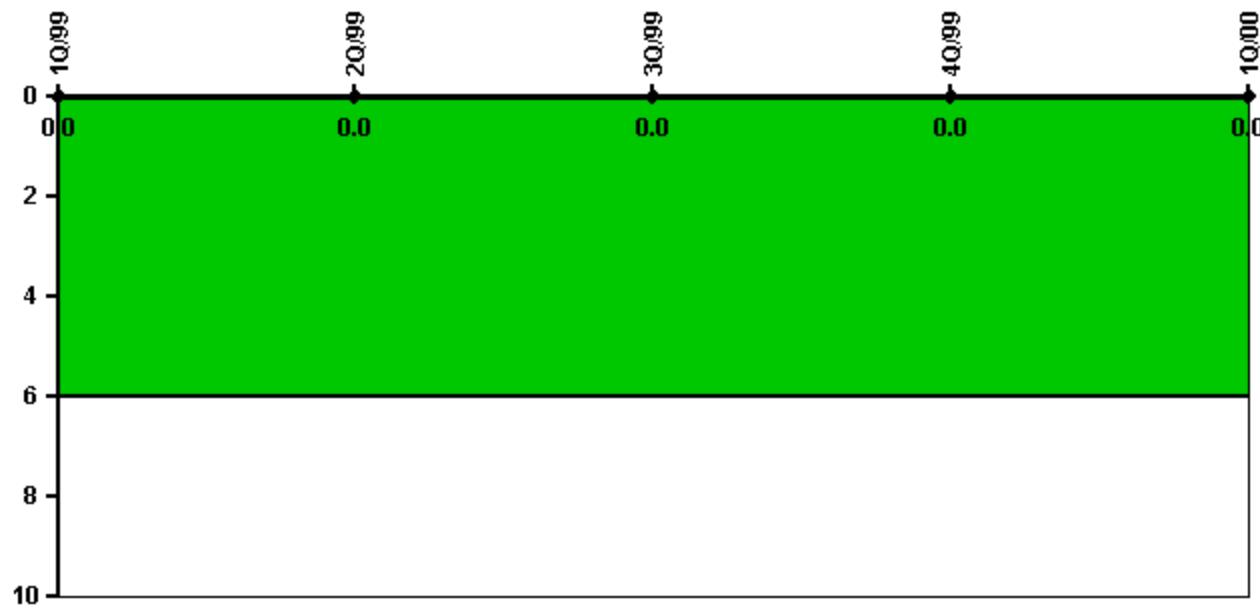
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

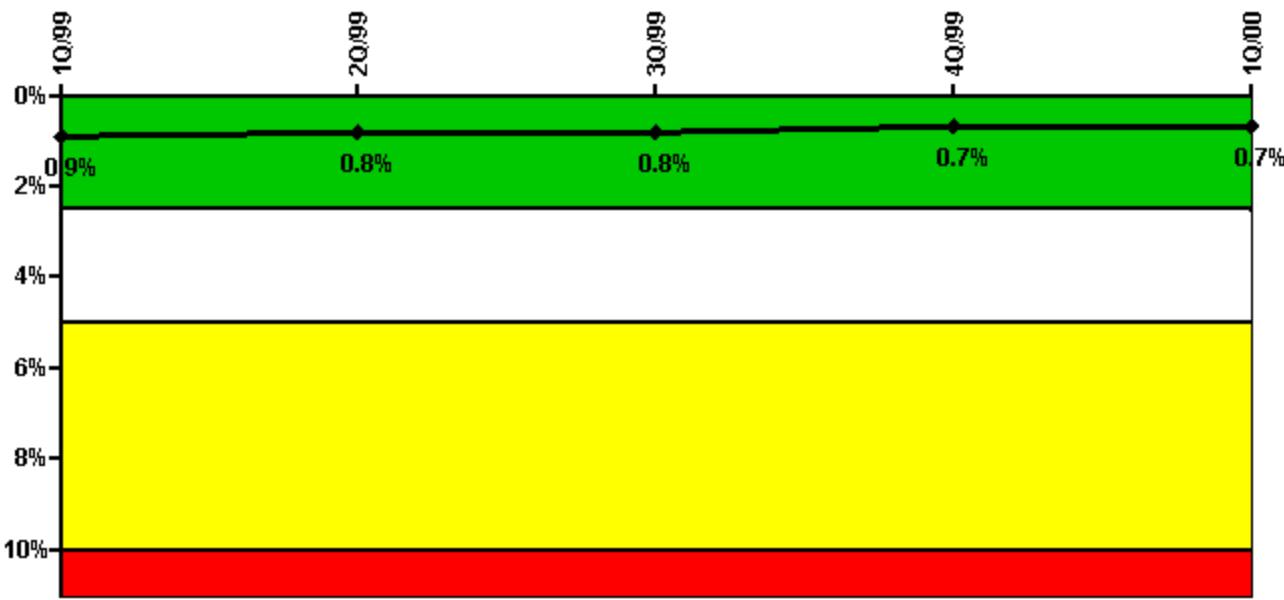
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	0	0	0
Critical hours	2160.0	2183.0	1894.7	1351.3	2184.0
Indicator value	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



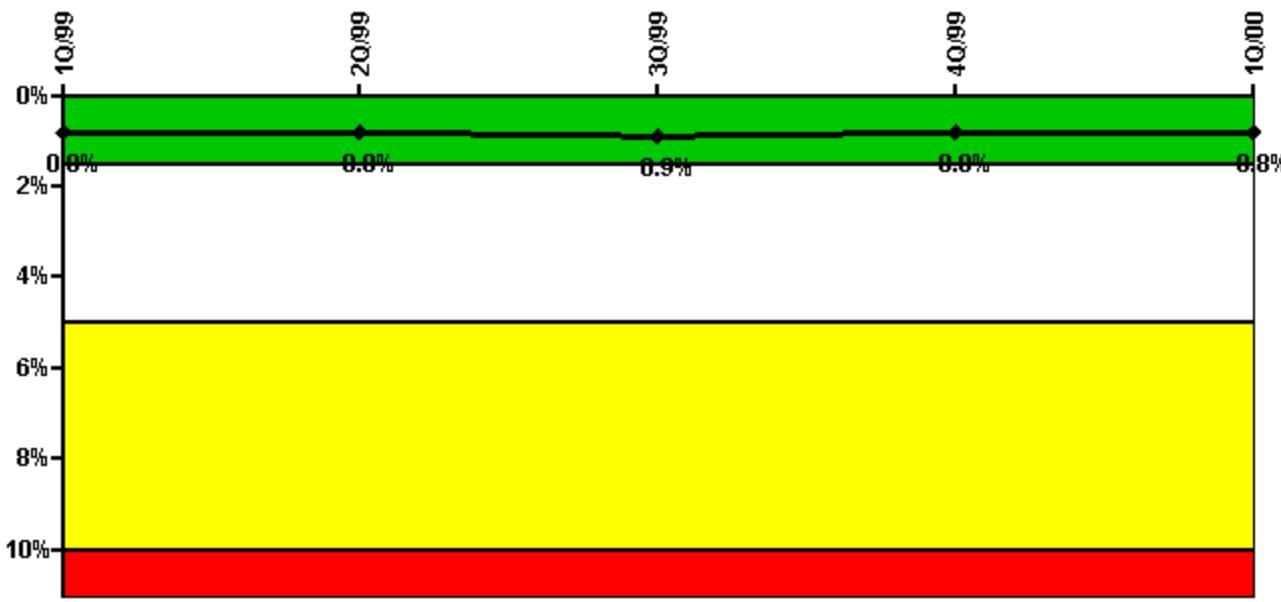
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	16.10	0.70	15.10	15.00	1.10
Unplanned unavailable hours	48.30	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	27.80	19.30	16.70	15.00	10.77
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	0.9%	0.8%	0.8%	0.7%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



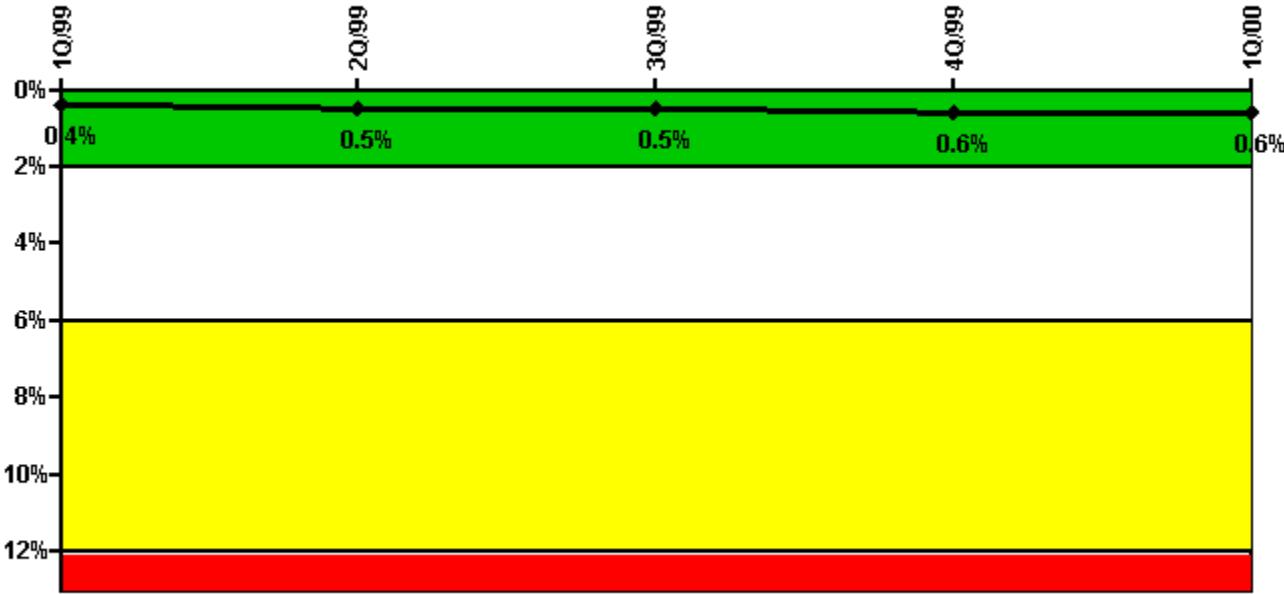
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1						
Planned unavailable hours		15.00	21.90	10.90	12.30	10.33
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	1905.00	1427.00	2184.00
Train 2						
Planned unavailable hours		26.60	11.50	24.70	8.20	13.03
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	1905.00	1427.00	2184.00
Train 3						
Planned unavailable hours		18.30	1.30	29.30	12.70	7.85
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	1905.00	1427.00	2184.00
Train 4						
Planned unavailable hours		28.10	47.20	14.00	18.80	9.70
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	1905.00	1427.00	2184.00
Indicator value		0.8%	0.8%	0.9%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



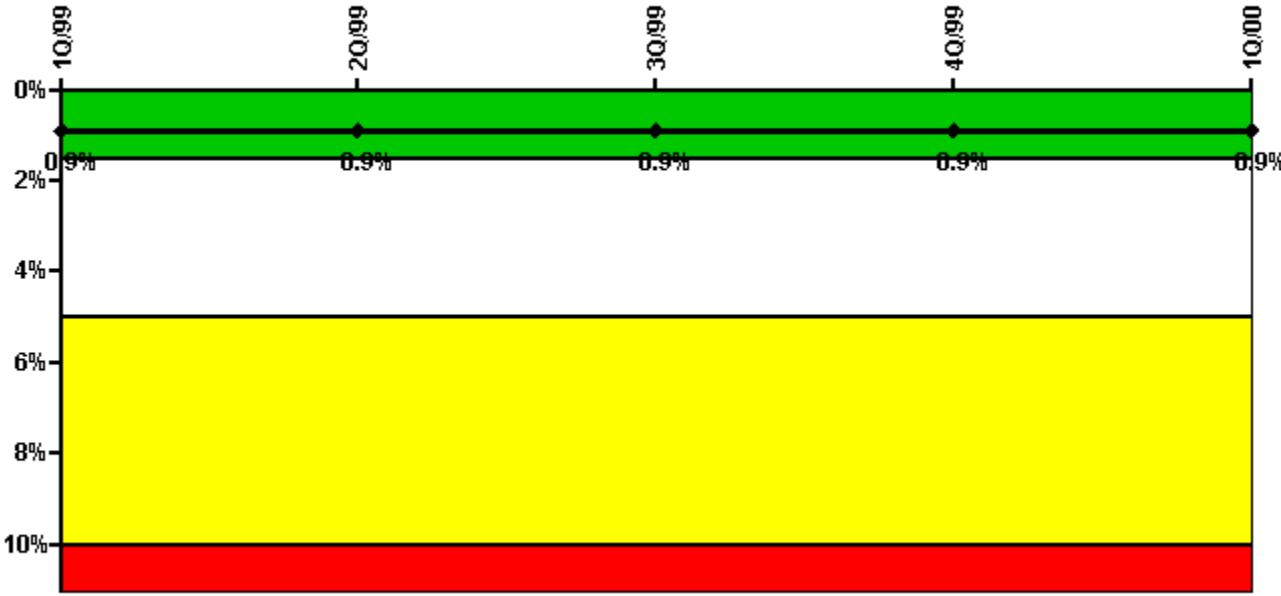
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)					
	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	16.70	9.90	12.20	13.23	22.70
Unplanned unavailable hours	0	9.80	0	0	0
Fault exposure hours	0	65.50	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	1905.25	1425.00	2184.00
Train 2					
Planned unavailable hours	27.70	12.60	14.70	12.65	19.70
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	1905.25	1425.00	2184.00
Train 3					
Planned unavailable hours	0	14.00	3.90	10.93	12.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	2183.00	1905.25	1425.00	2184.00
Indicator value	0.4%	0.5%	0.5%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

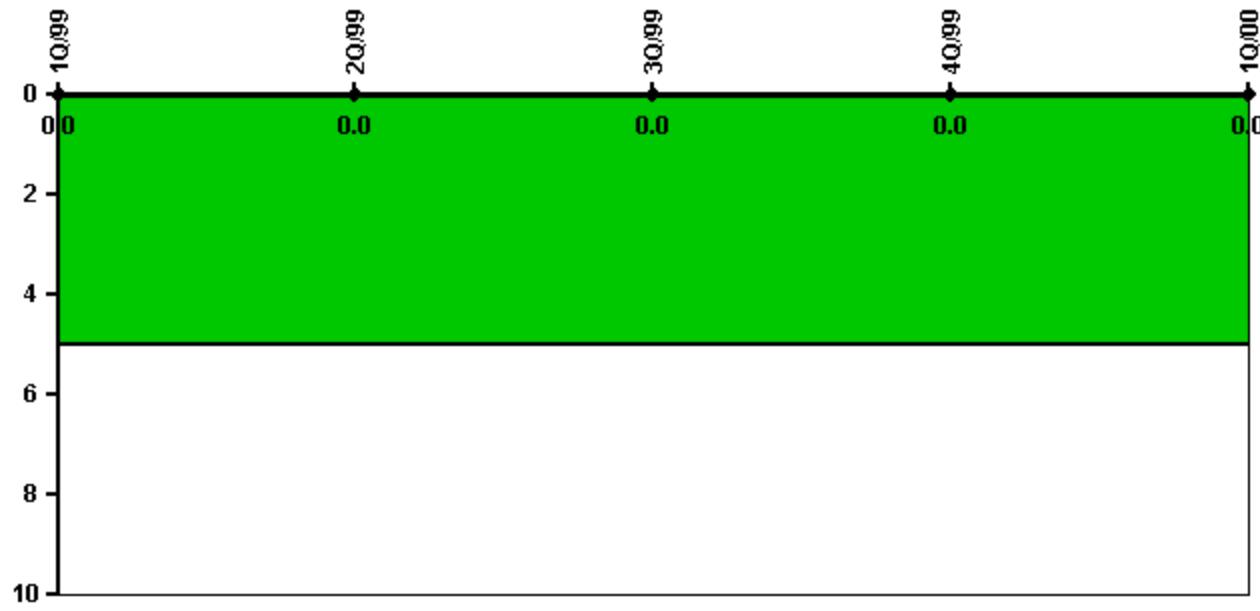


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1						
Planned unavailable hours		28.60	14.50	25.50	27.40	30.65
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	1.00	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	1626.90	2184.00
Train 2						
Planned unavailable hours		42.80	26.10	14.00	20.10	23.58
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	1626.90	2184.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

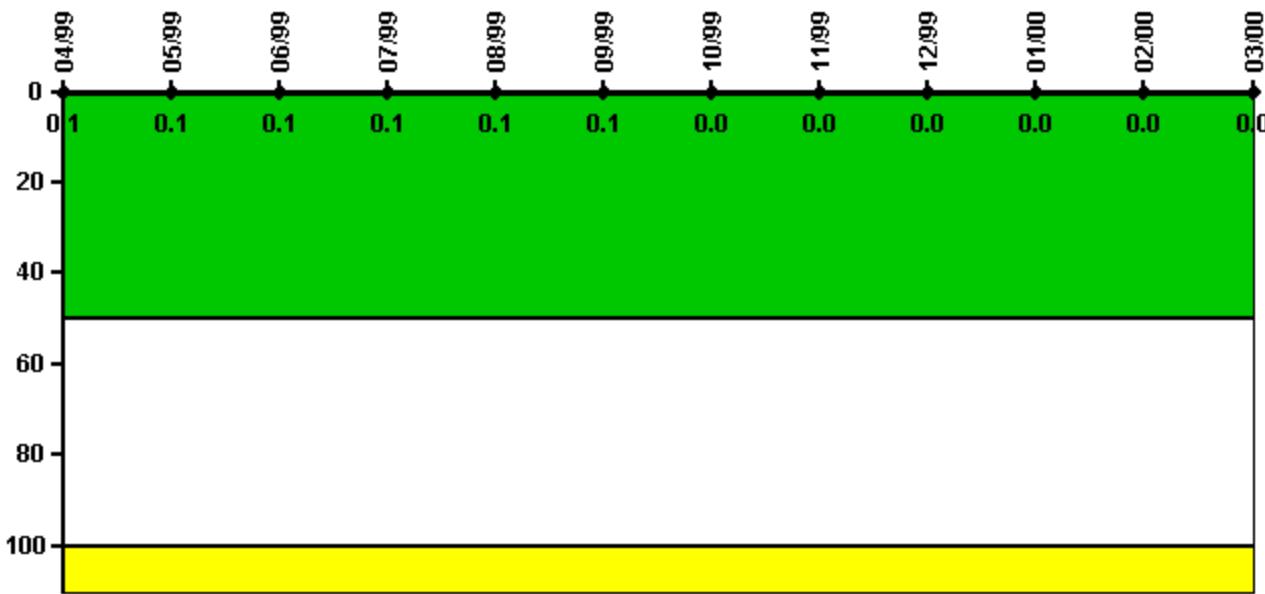
Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

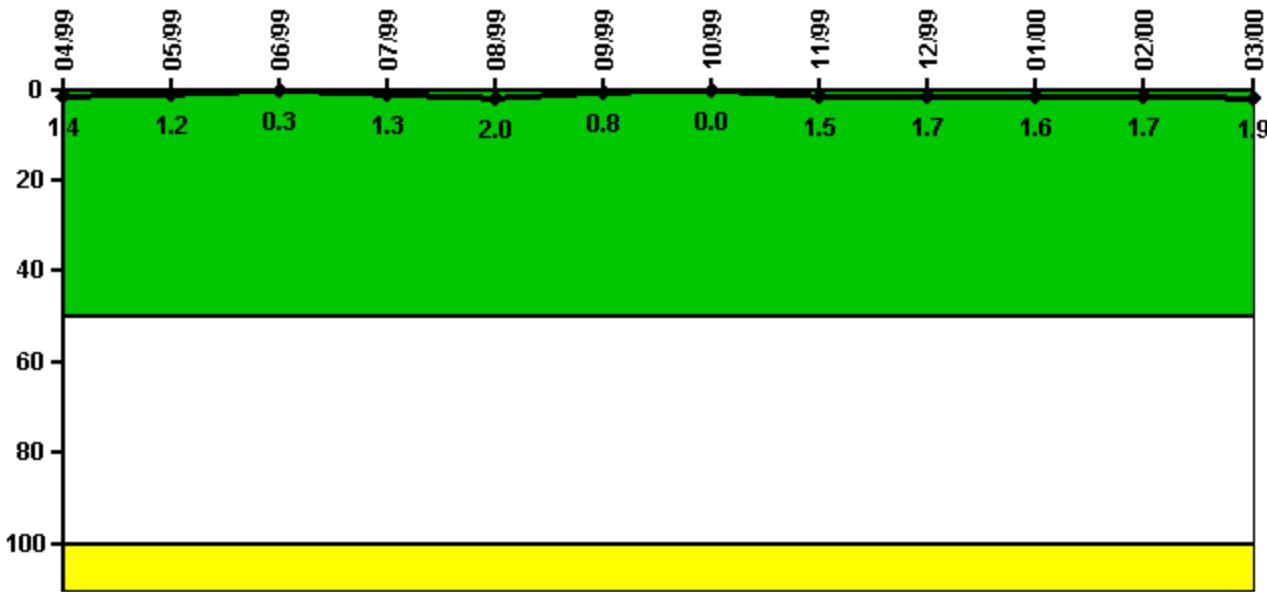
Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum activity	0.000724	0.000649	0.000892	0.000827	0.000941	0.000712	0	0.000480	0.000350	0.000260	0.000470	0.000320
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0	0

Licensee Comments: none

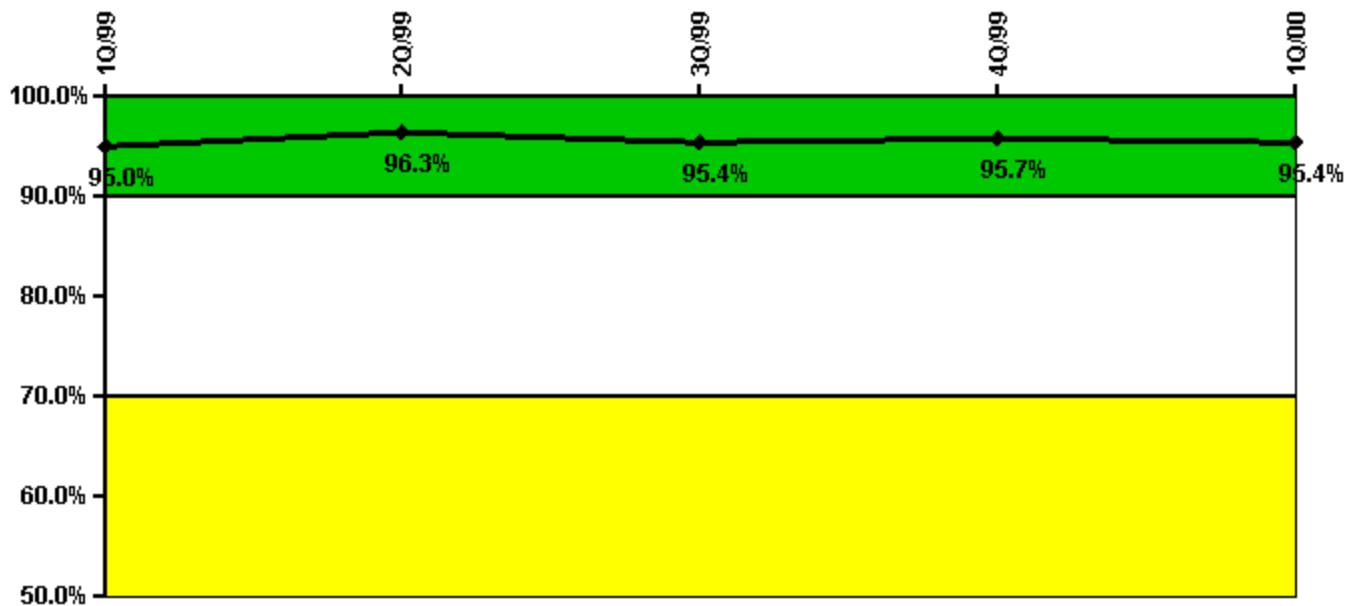
Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage	0.137	0.118	0.032	0.133	0.203	0.082	0	0.150	0.169	0.163	0.170	0.188
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	1.2	0.3	1.3	2.0	0.8	0	1.5	1.7	1.6	1.7	1.9

Licensee Comments: none

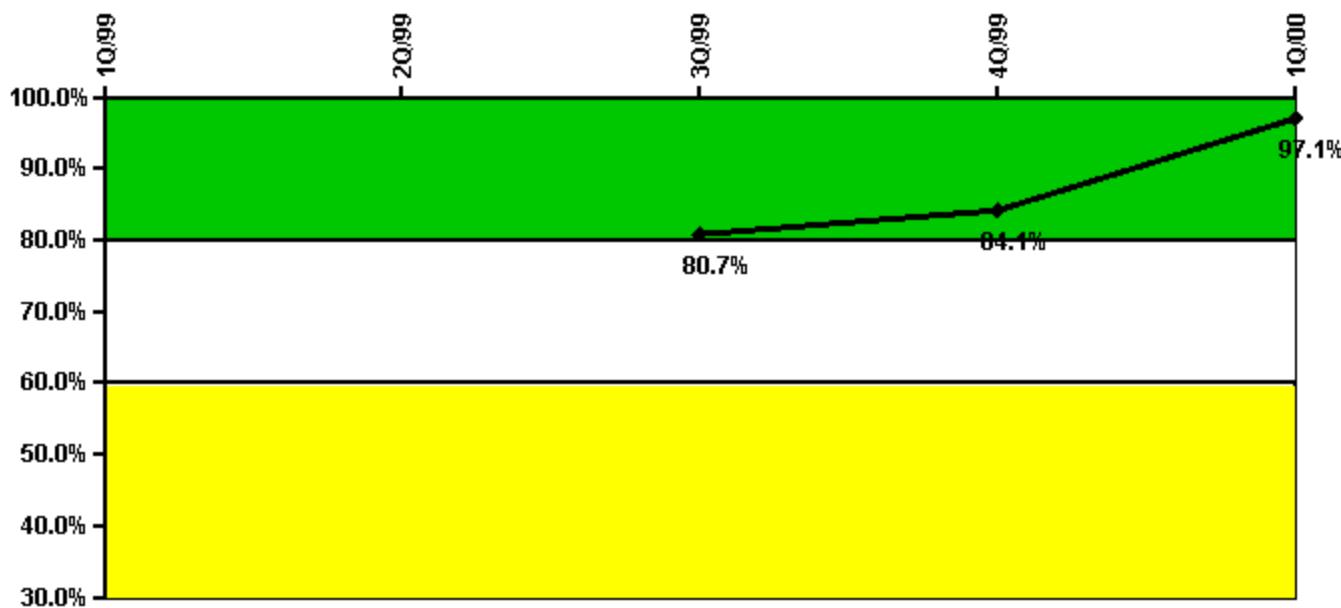
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	8.0	28.0	7.0	17.0	56.0
Total opportunities	8.0	28.0	8.0	17.0	58.0
Indicator value	95.0%	96.3%	95.4%	95.7%	96.4%

Licensee Comments: none

ERO Drill Participation

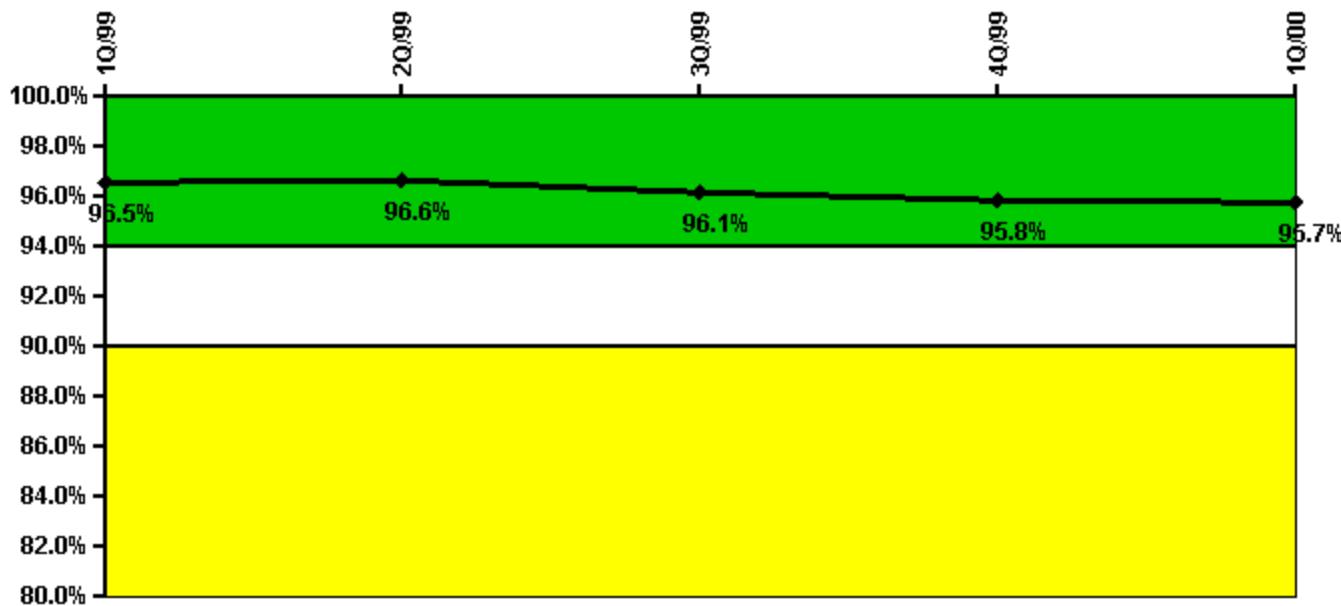
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	0	0	134.0	138.0	165.0
Total Key personnel	0	0	166.0	164.0	170.0
Indicator value			80.7%	84.1%	97.1%

Licensee Comments: none

Alert & Notification System

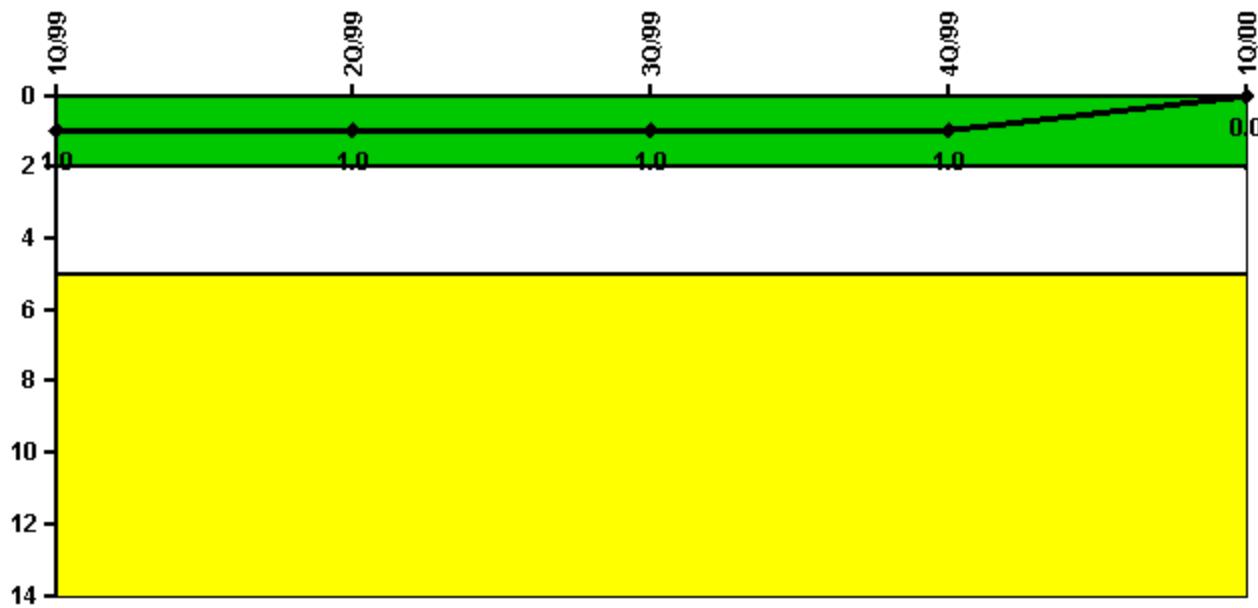


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	1342	1448	1427	1386	1410
Total sirens-tests	1389	1500	1503	1456	1465
Indicator value	96.5%	96.6%	96.1%	95.8%	95.7%

Licensee Comments: none

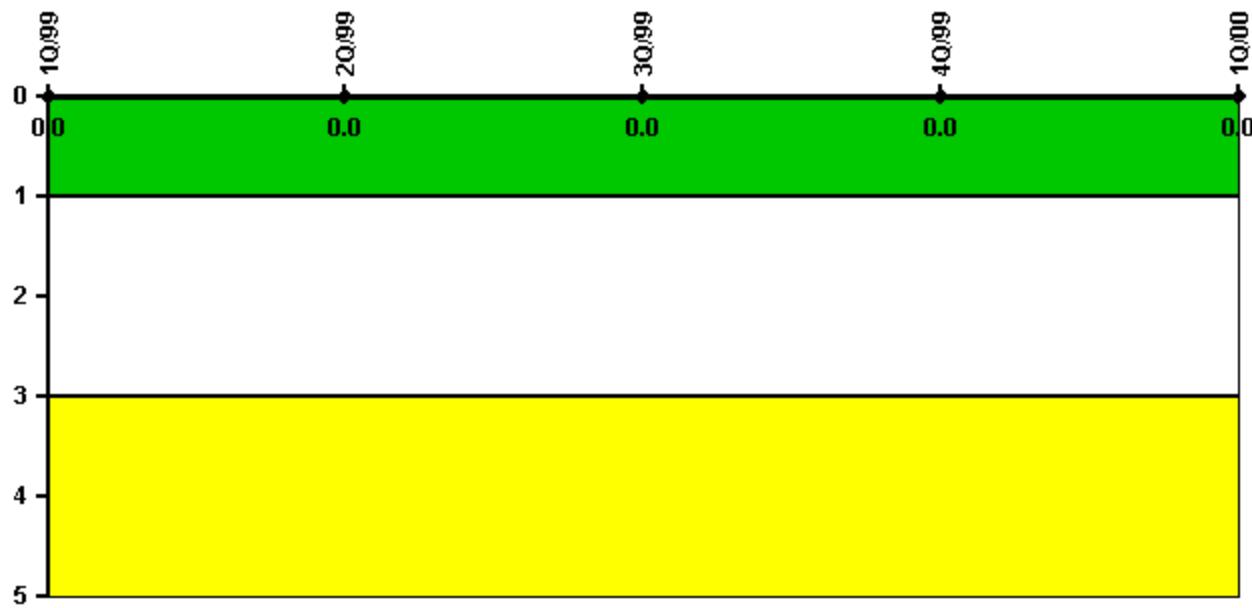
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	1	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

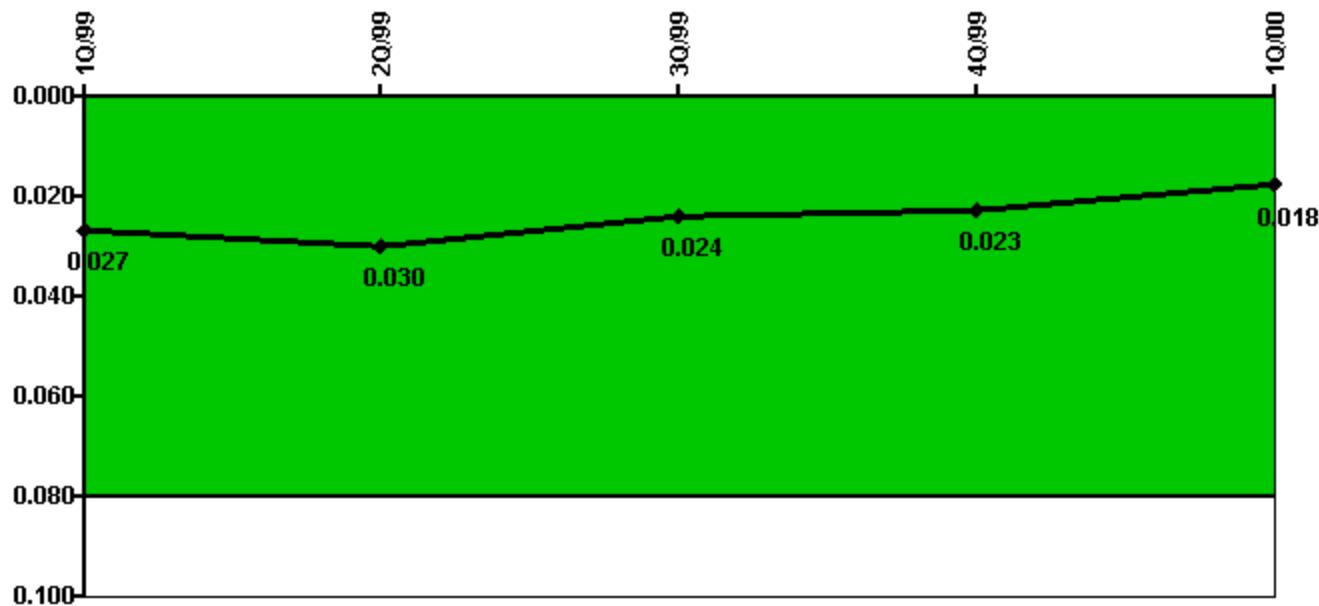
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



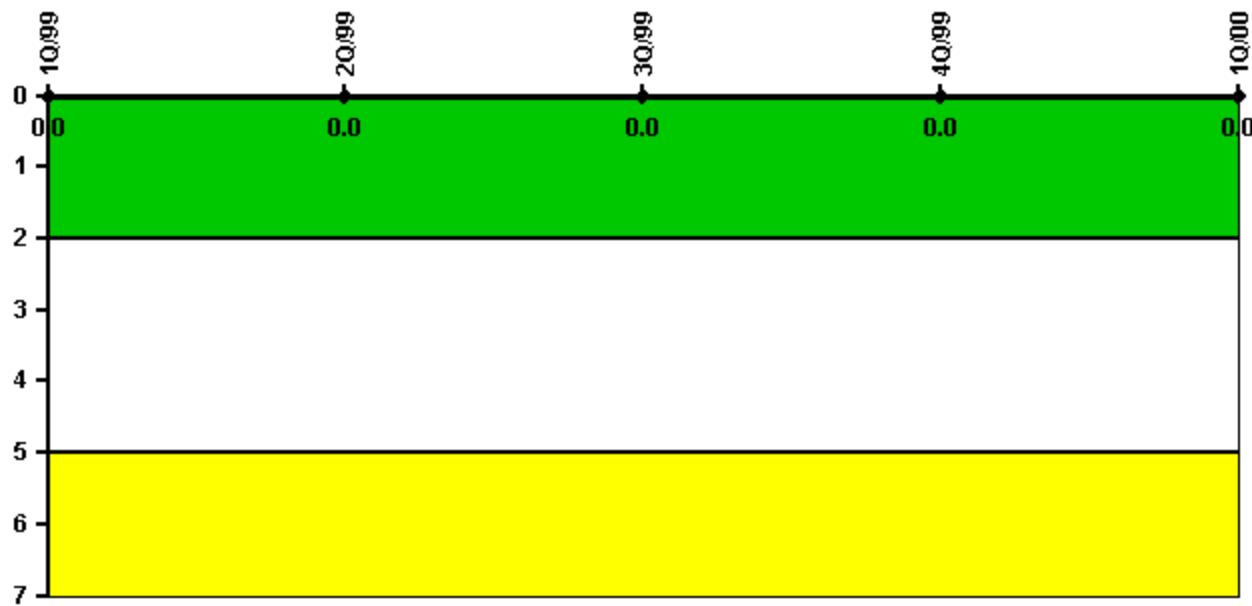
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	307.70	203.90	103.70	122.50	165.60
CCTV compensatory hours	58.7	31.2	17.0	11.4	22.8
IDS normalization factor	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.027	0.030	0.024	0.023	0.018

Licensee Comments: none

Personnel Screening Program

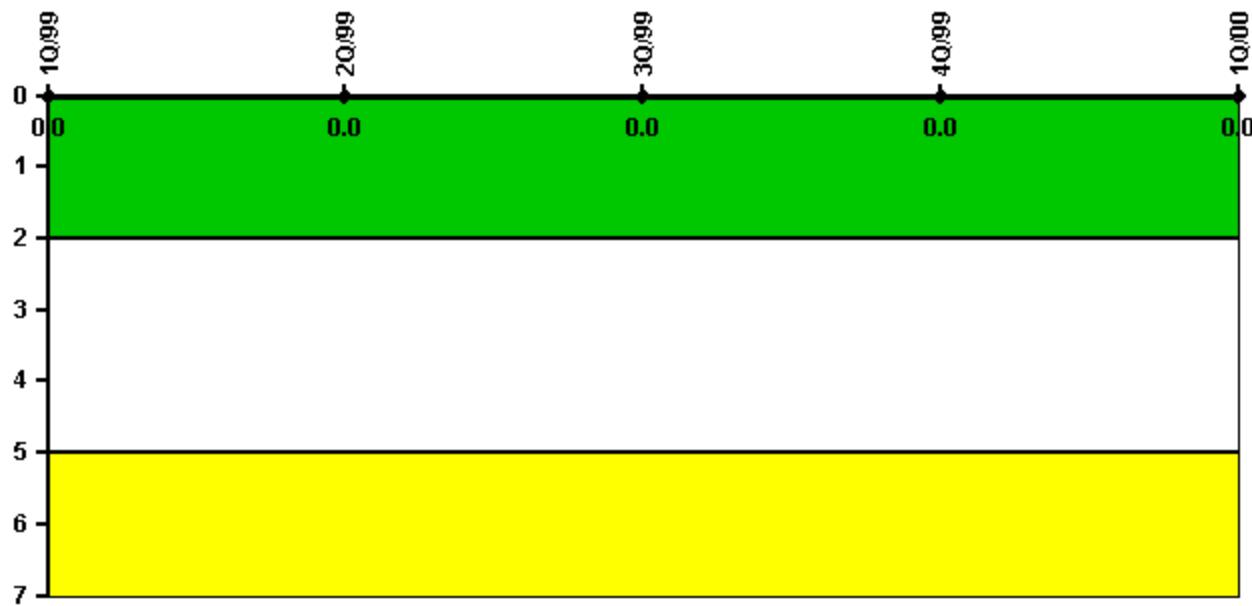


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

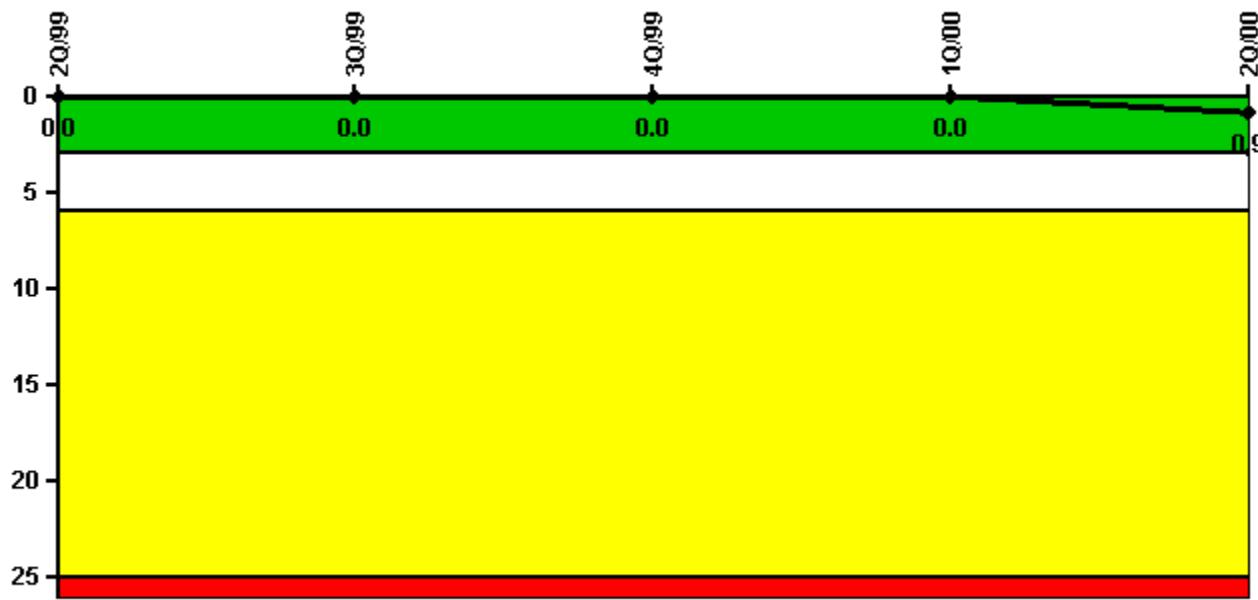


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002

McGuire 1**2Q/2000 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned scrams	0	0	0	0	1.0
Critical hours	2183.0	1894.7	1351.3	2184.0	2150.0
Indicator value	0	0	0	0	0.9

Licensee Comments: none

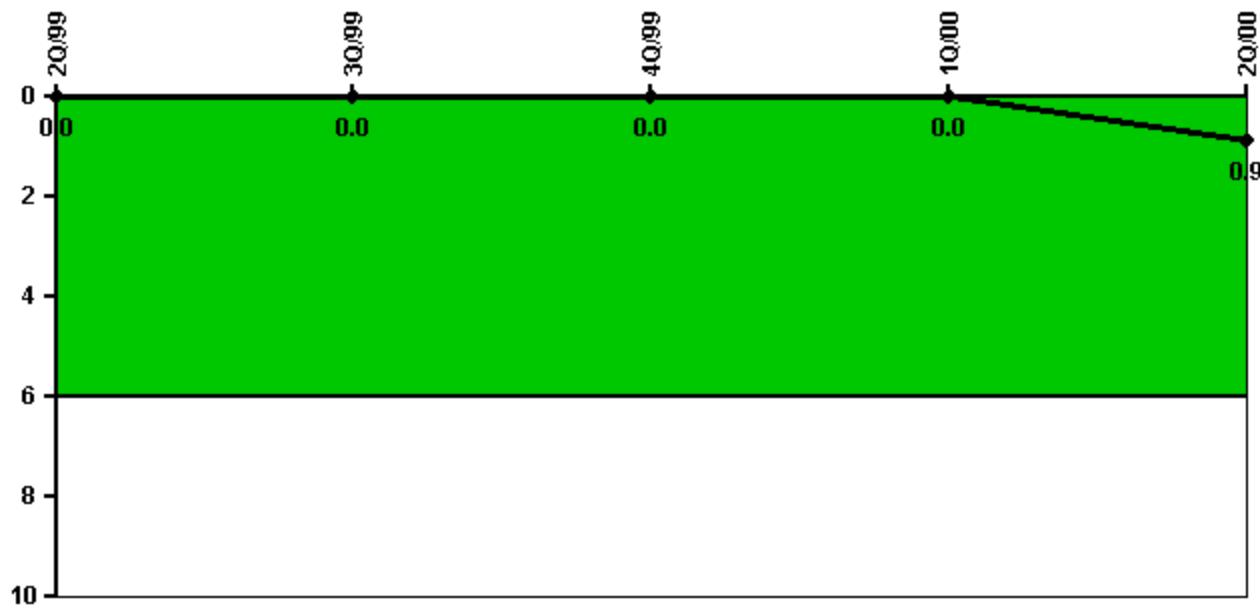
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

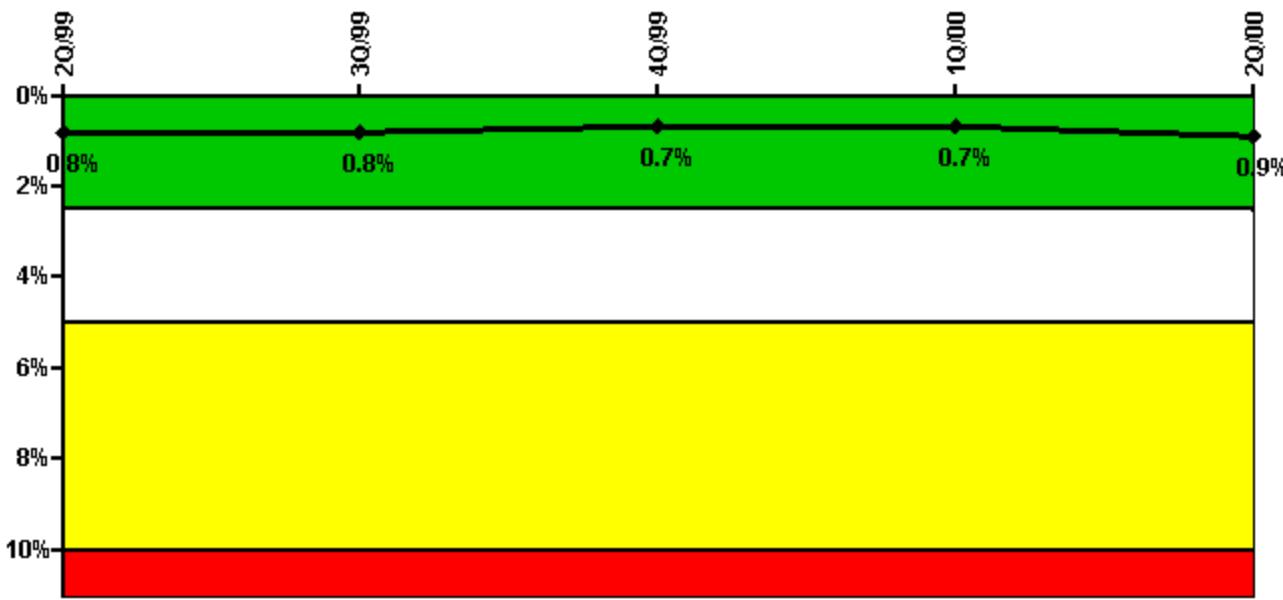
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Unplanned power changes	0	0	0	0	1.0
Critical hours	2183.0	1894.7	1351.3	2184.0	2150.0
Indicator value	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



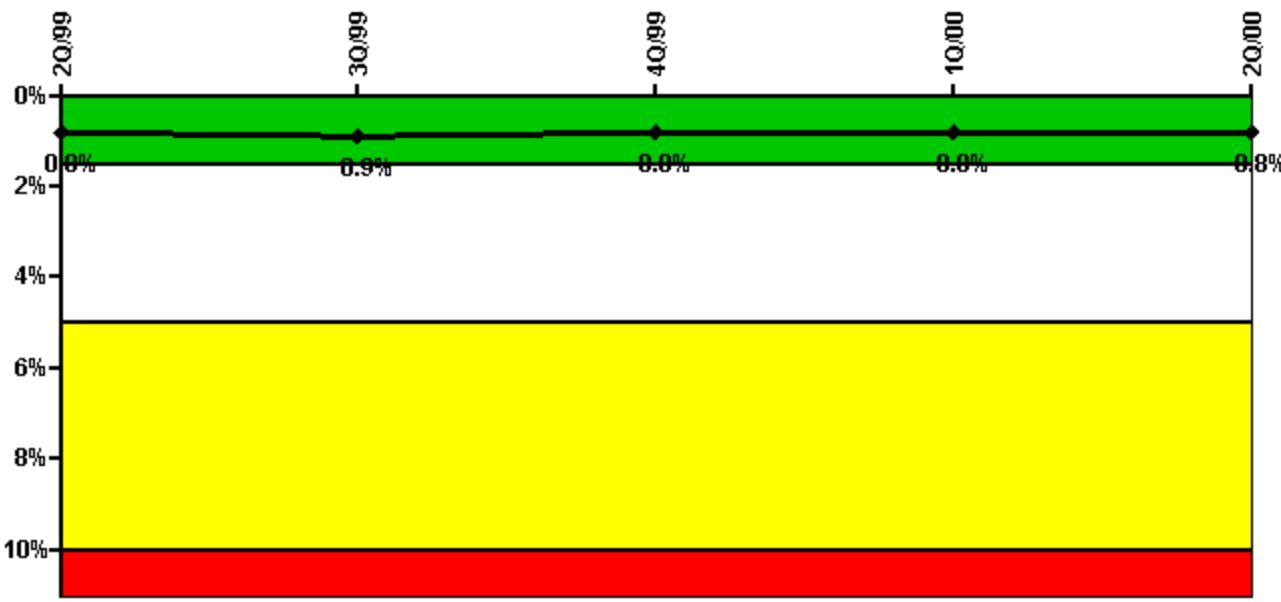
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	0.70	15.10	15.00	1.10	87.28
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2					
Planned unavailable hours	19.30	16.70	15.00	10.77	11.85
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.8%	0.8%	0.7%	0.7%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



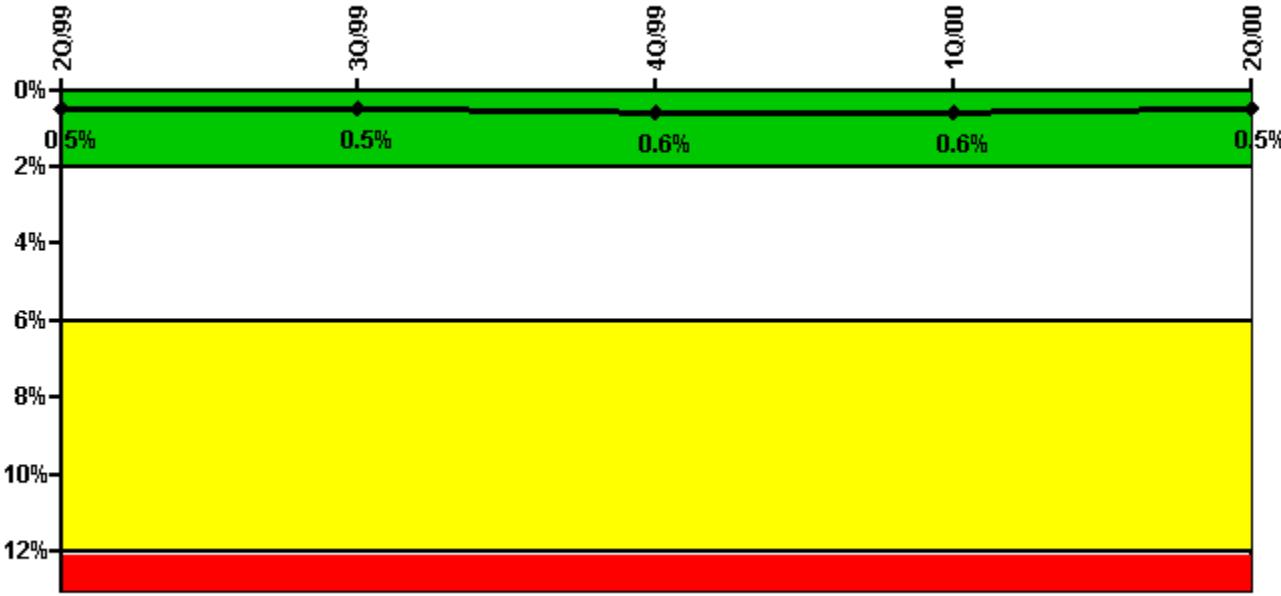
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1						
Planned unavailable hours		21.90	10.90	12.30	10.33	10.10
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	1905.00	1427.00	2184.00	2183.00
Train 2						
Planned unavailable hours		11.50	24.70	8.20	13.03	23.30
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	1905.00	1427.00	2184.00	2183.00
Train 3						
Planned unavailable hours		1.30	29.30	12.70	7.85	10.27
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	1905.00	1427.00	2184.00	2183.00
Train 4						
Planned unavailable hours		47.20	14.00	18.80	9.70	19.58
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	1905.00	1427.00	2184.00	2183.00
Indicator value		0.8%	0.9%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



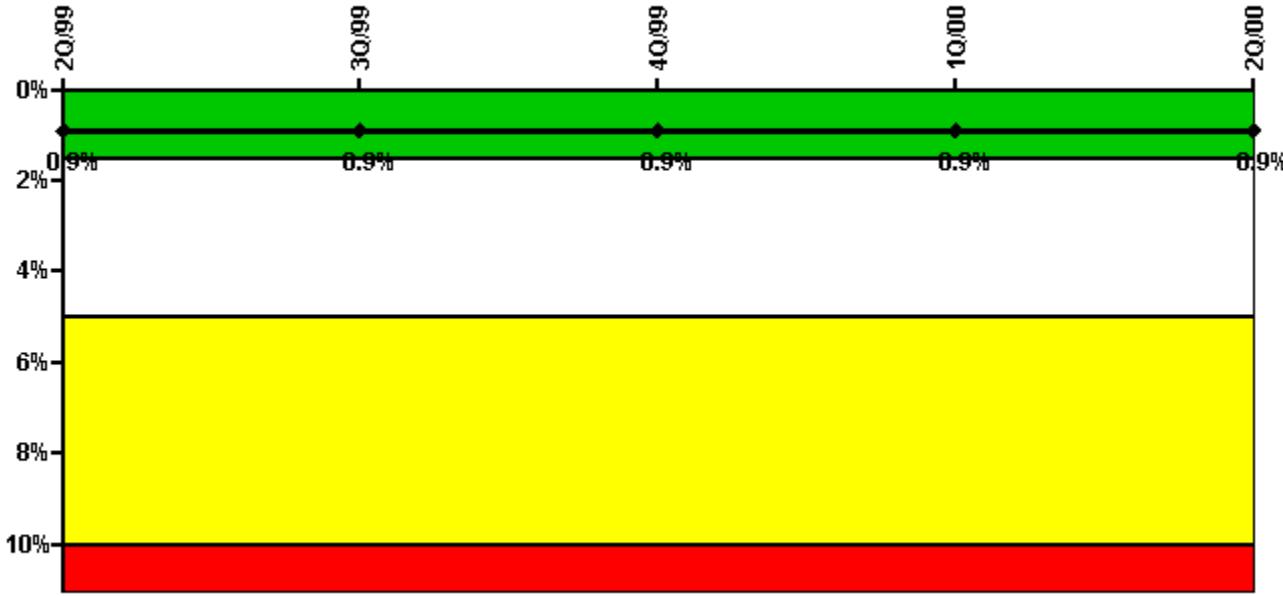
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)					
	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1					
Planned unavailable hours	9.90	12.20	13.23	22.70	11.60
Unplanned unavailable hours	9.80	0	0	0	0
Fault exposure hours	65.50	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	1905.25	1425.00	2184.00	2184.00
Train 2					
Planned unavailable hours	12.60	14.70	12.65	19.70	2.90
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	1905.25	1425.00	2184.00	2184.00
Train 3					
Planned unavailable hours	14.00	3.90	10.93	12.40	1.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2183.00	1905.25	1425.00	2184.00	2184.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

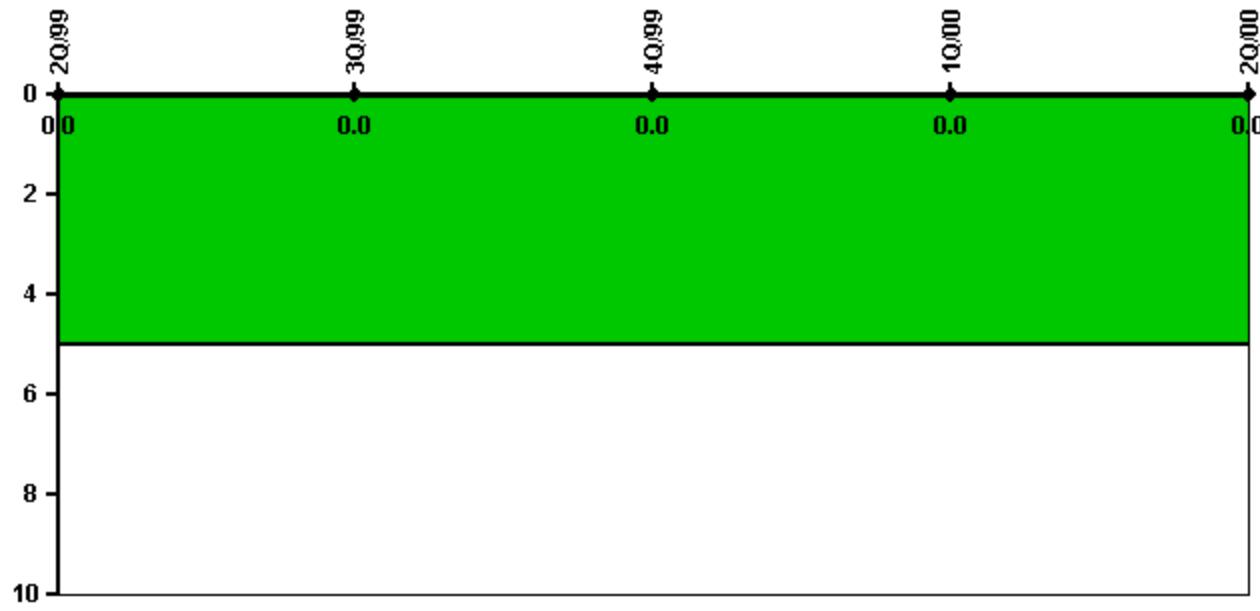


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Train 1						
Planned unavailable hours		14.50	25.50	27.40	30.65	10.08
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		1.00	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	2208.00	1626.90	2184.00	2183.00
Train 2						
Planned unavailable hours		26.10	14.00	20.10	23.58	8.60
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2183.00	2208.00	1626.90	2184.00	2183.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

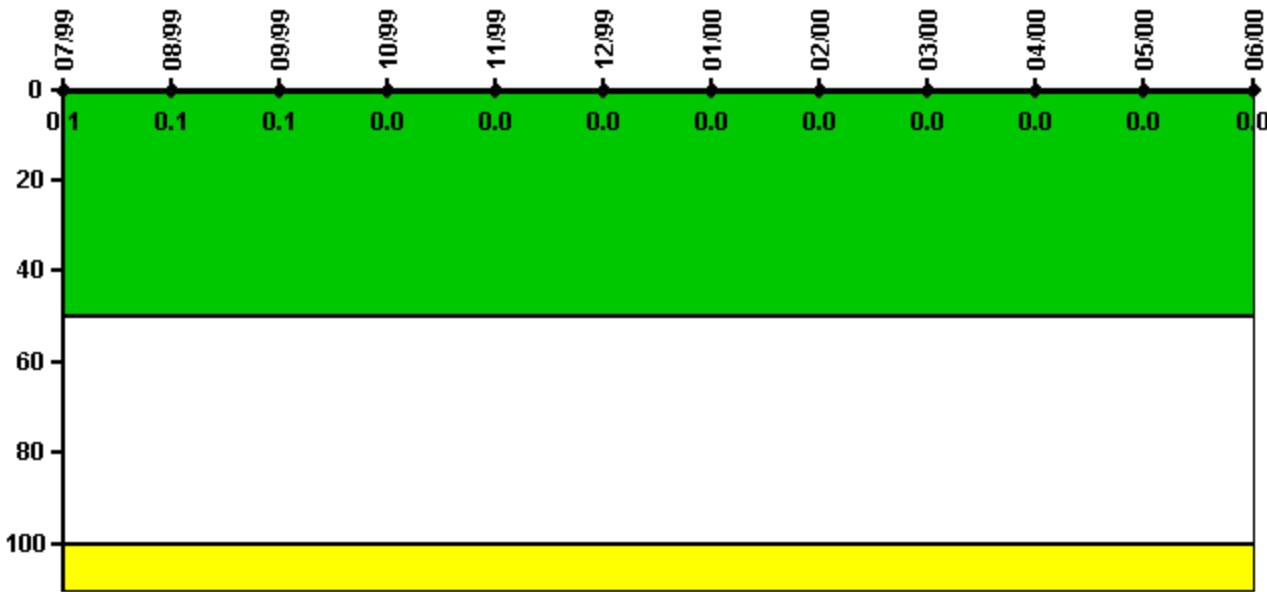
Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

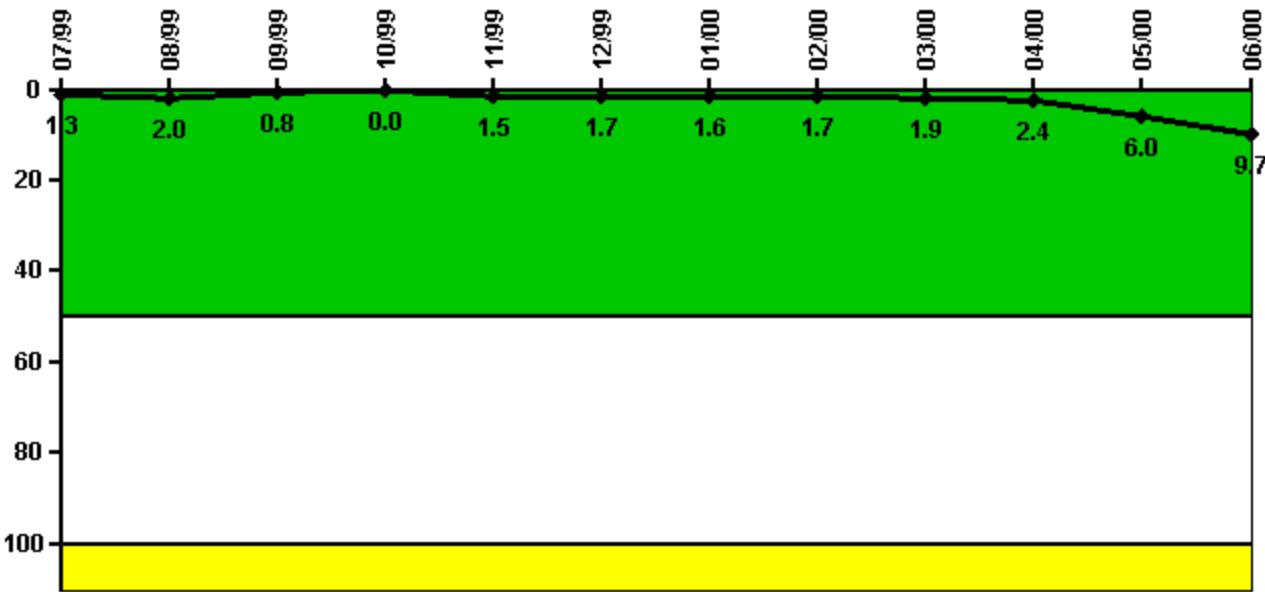
Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum activity	0.000827	0.000941	0.000712	0	0.000480	0.000350	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

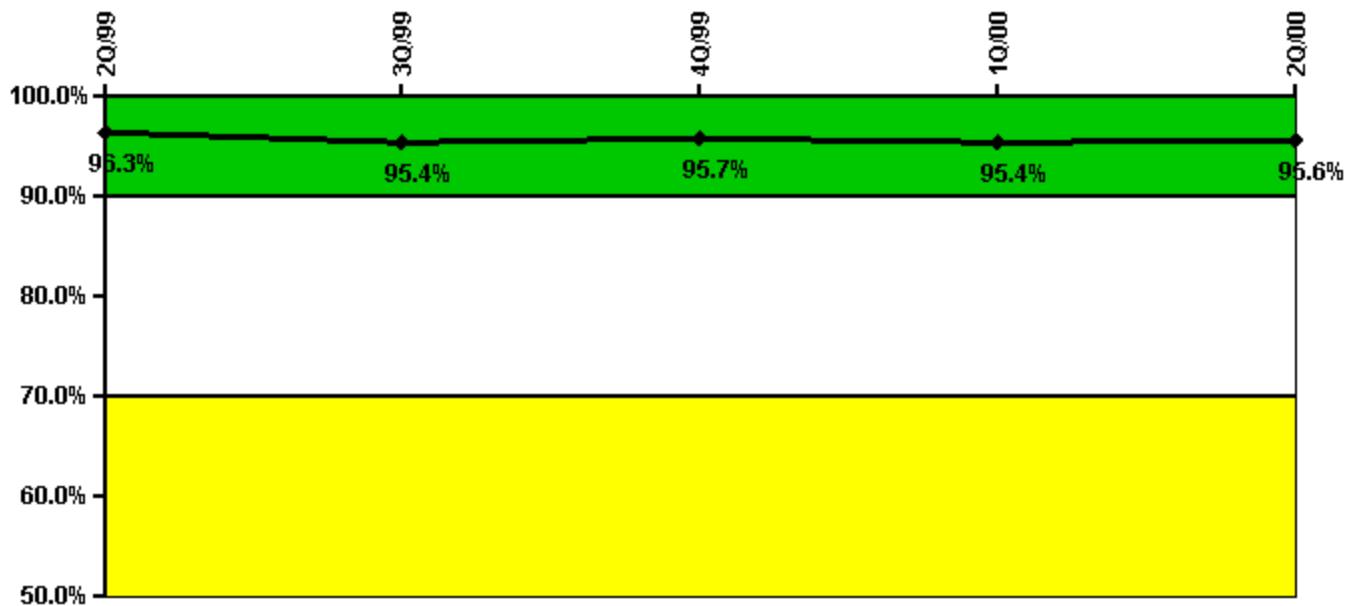
Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00
Maximum leakage	0.133	0.203	0.082	0	0.150	0.169	0.163	0.170	0.188	0.238	0.599	0.970
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	2.0	0.8	0	1.5	1.7	1.6	1.7	1.9	2.4	6.0	9.7

Licensee Comments: none

Drill/Exercise Performance

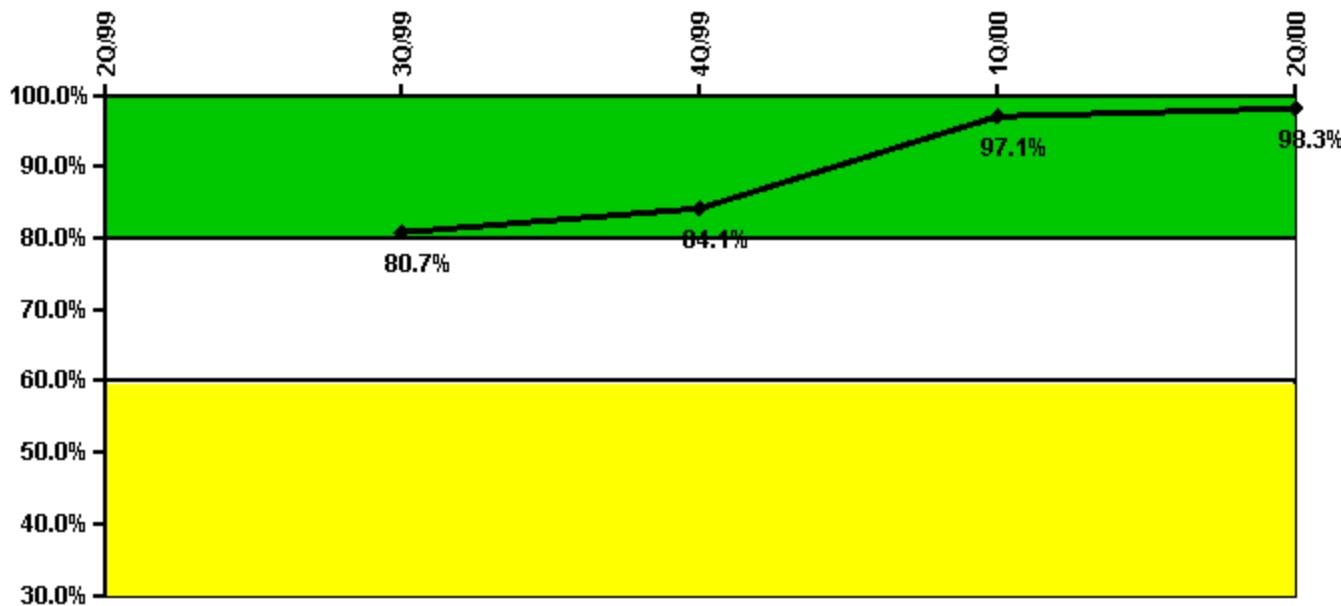
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful opportunities	28.0	7.0	17.0	56.0	25.0
Total opportunities	28.0	8.0	17.0	58.0	26.0
Indicator value	96.3%	95.4%	95.7%	95.4%	95.6%

Licensee Comments: none

ERO Drill Participation



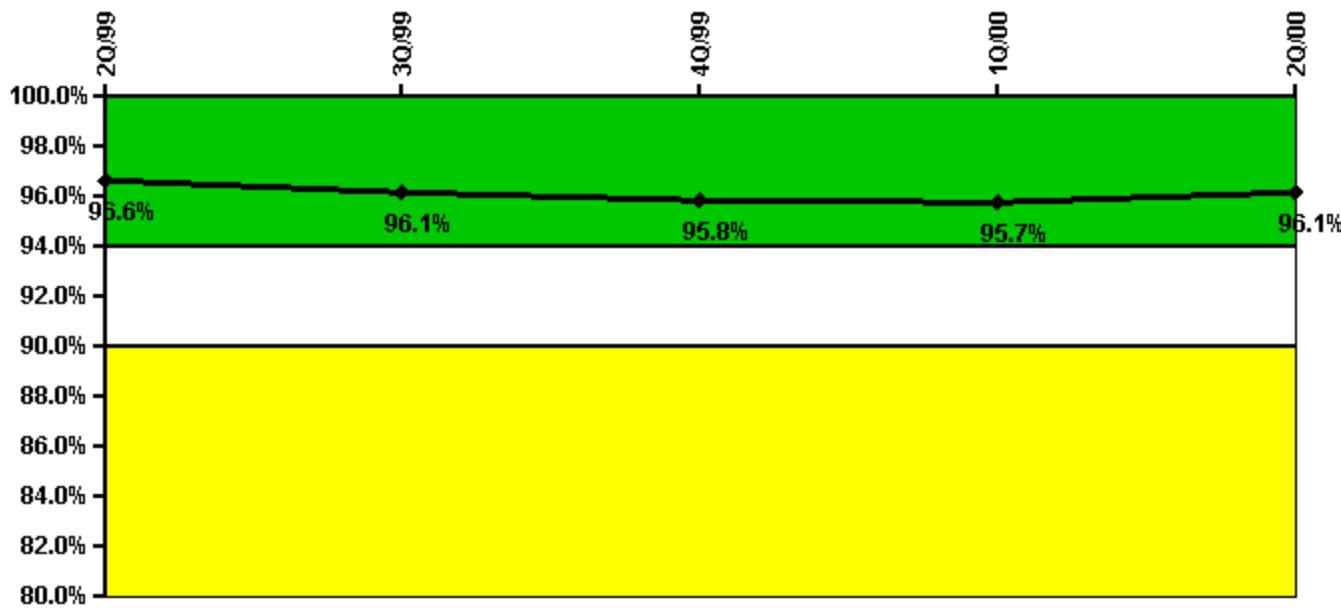
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Participating Key personnel	0	134.0	138.0	165.0	177.0
Total Key personnel	0	166.0	164.0	170.0	180.0
Indicator value		80.7%	84.1%	97.1%	98.3%

Licensee Comments: none

Alert & Notification System

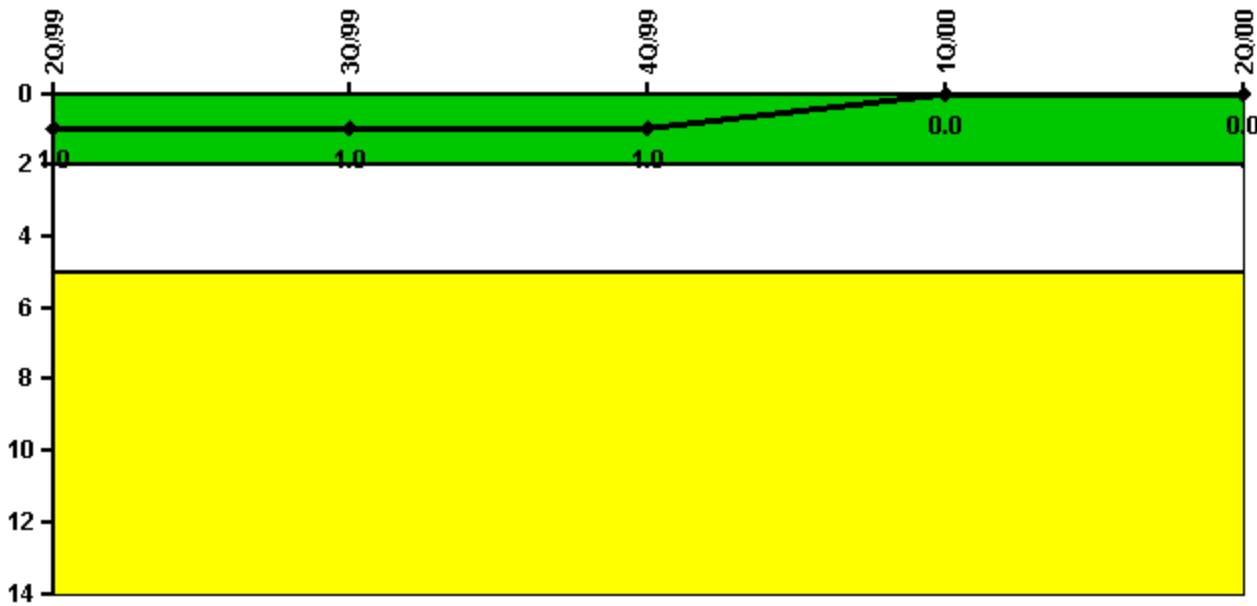


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Successful siren-tests	1448	1427	1386	1410	1455
Total sirens-tests	1500	1503	1456	1465	1484
Indicator value	96.6%	96.1%	95.8%	95.7%	96.1%

Licensee Comments: none

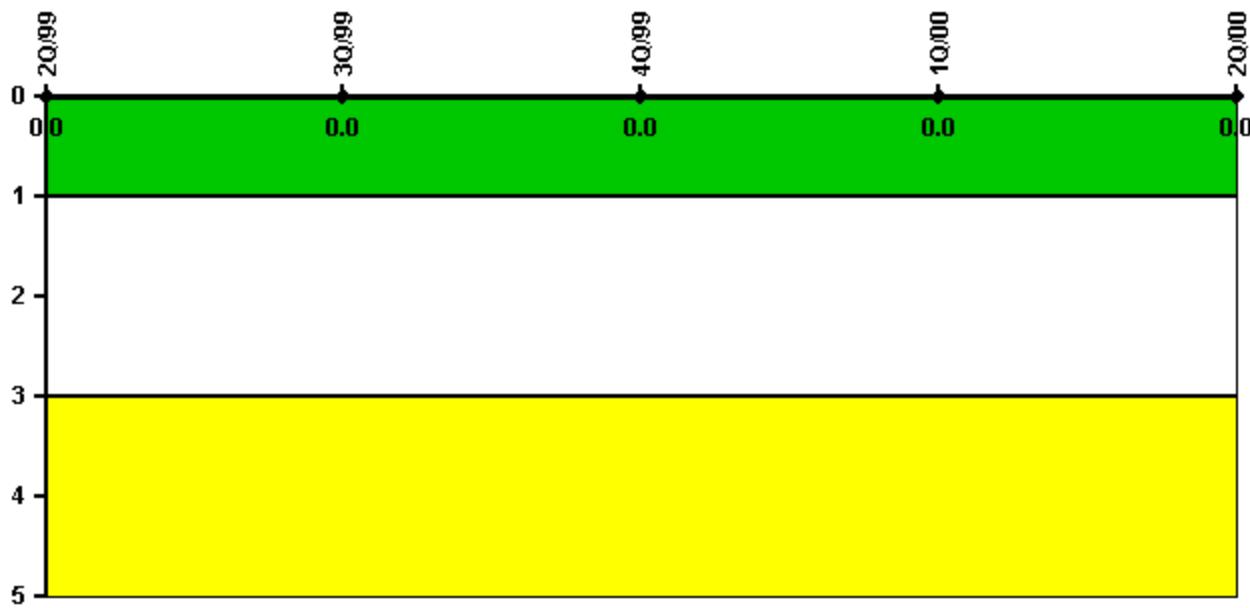
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

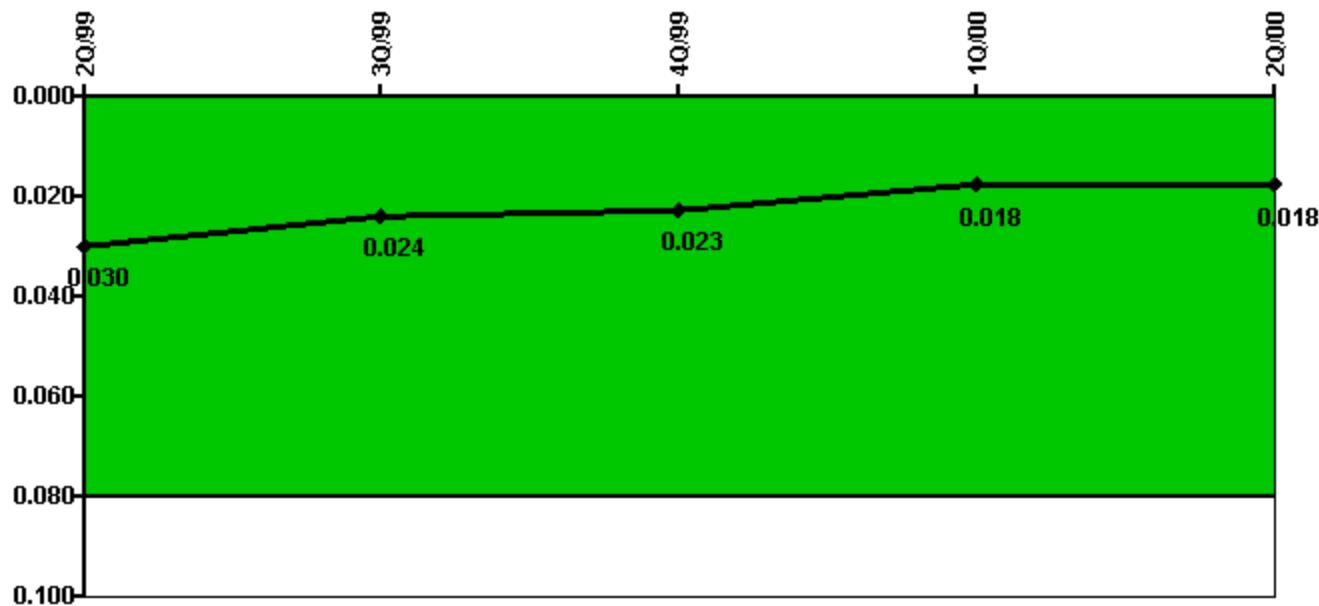
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



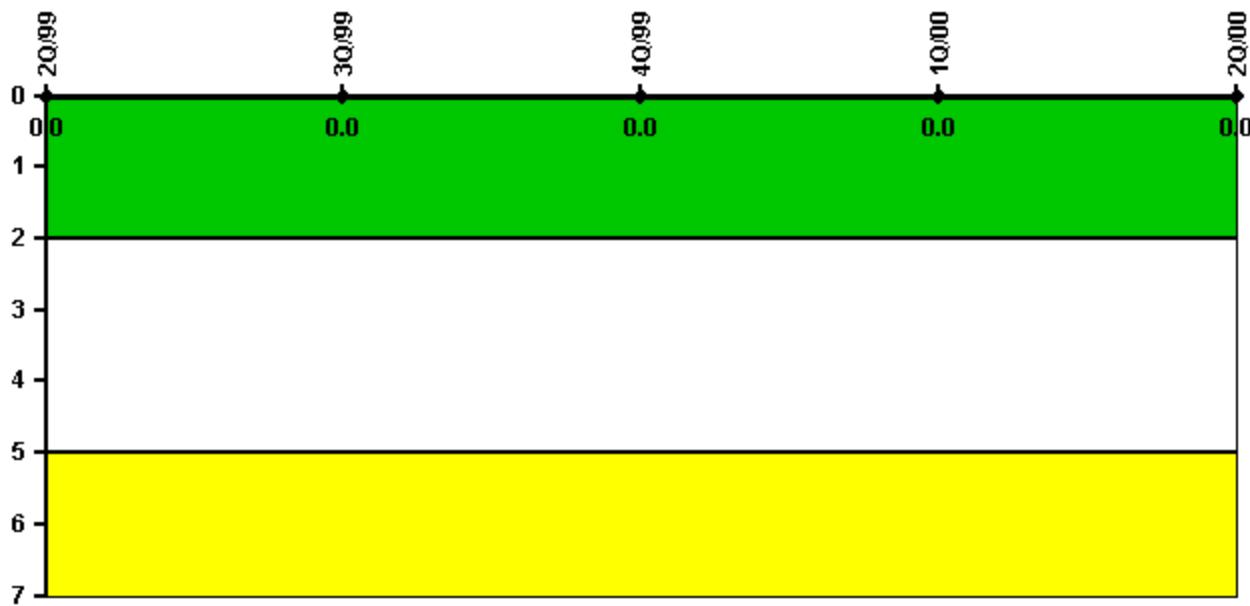
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
IDS compensatory hours	203.90	103.70	122.50	165.60	83.09
CCTV compensatory hours	31.2	17.0	11.4	22.8	74.1
IDS normalization factor	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.030	0.024	0.023	0.018	0.018

Licensee Comments: none

Personnel Screening Program

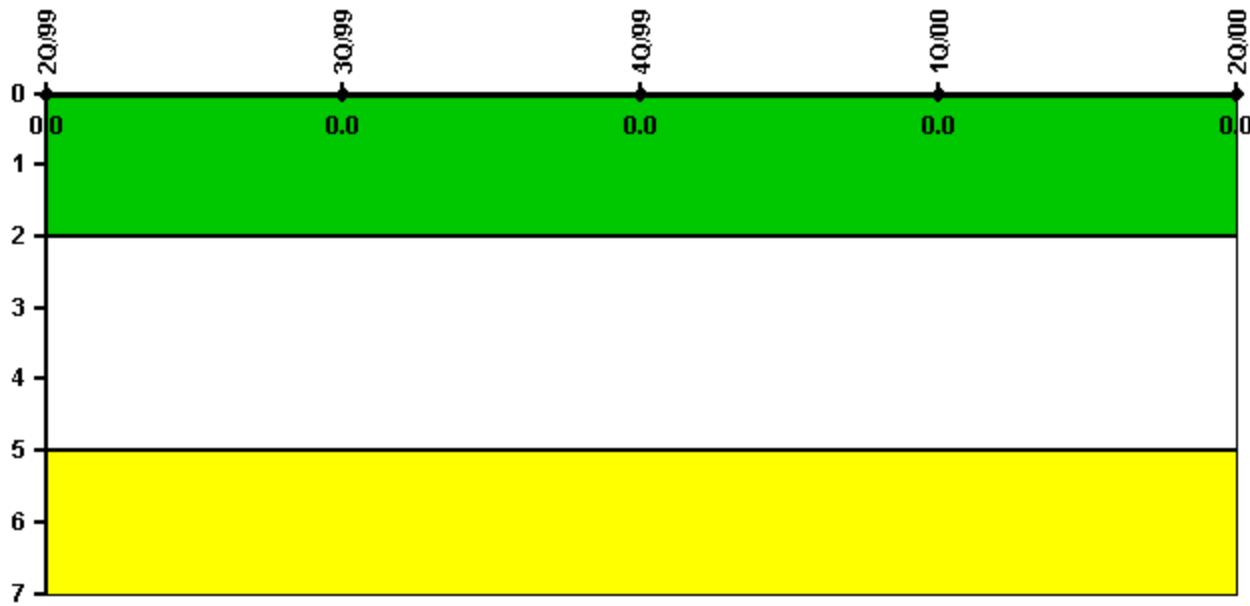


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/99	3Q/99	4Q/99	1Q/00	2Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

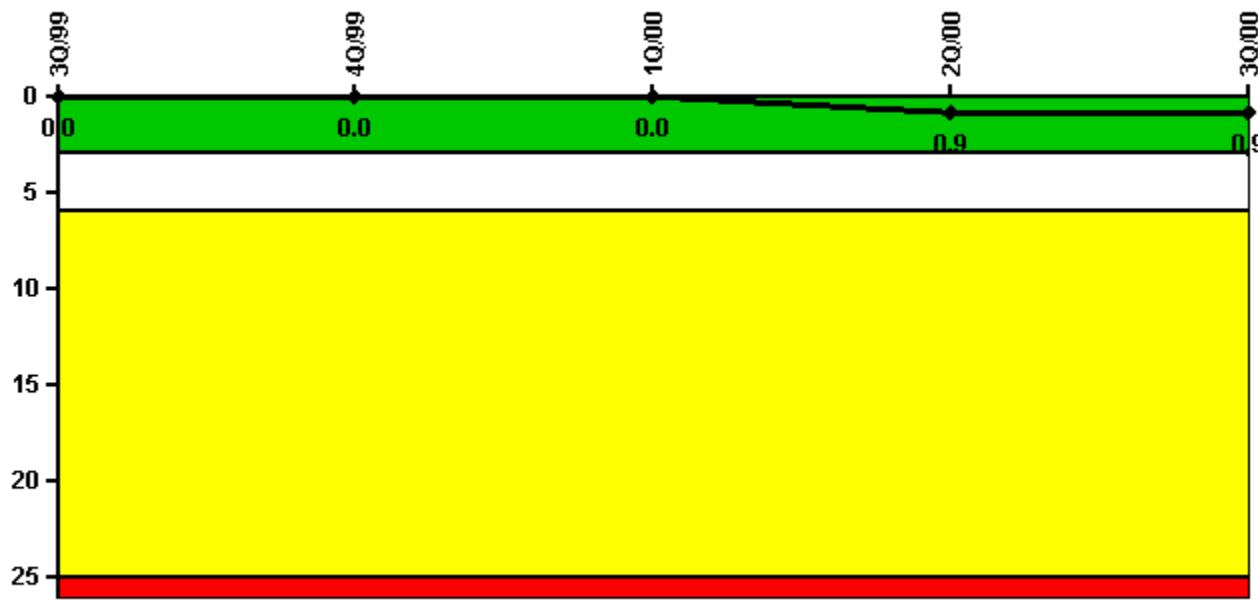


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Last Modified: April 1, 2002

McGuire 1**3Q/2000 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned scrams	0	0	0	1.0	0
Critical hours	1894.7	1351.3	2184.0	2150.0	2208.0
Indicator value	0	0	0	0.9	0.9

Licensee Comments: none

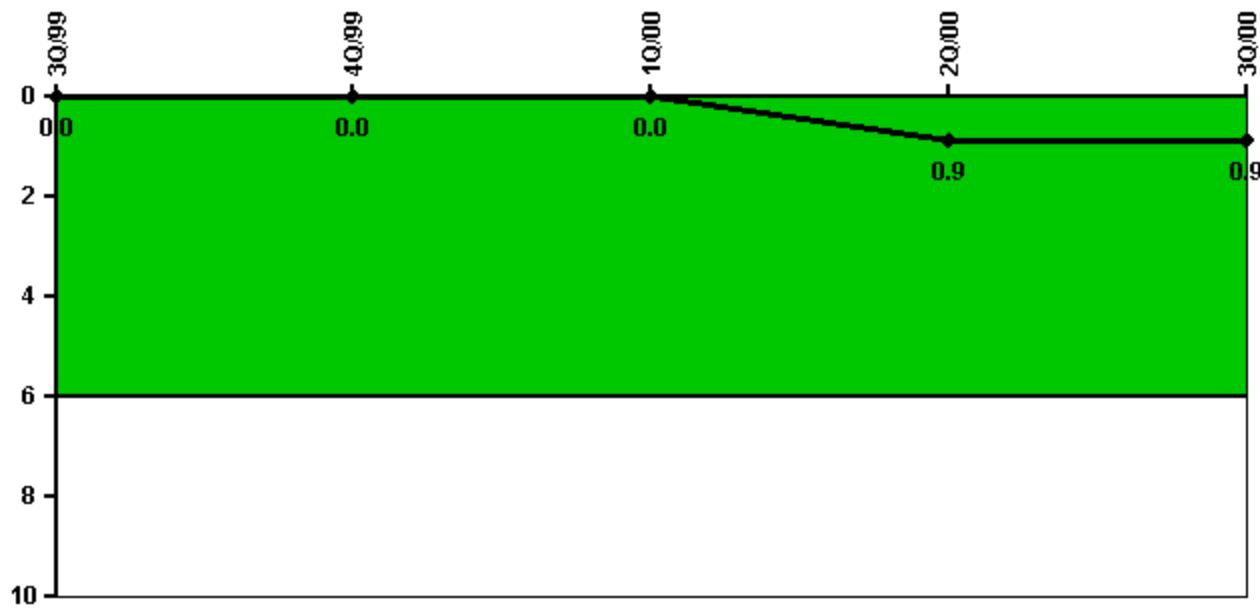
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	1.0	1.0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

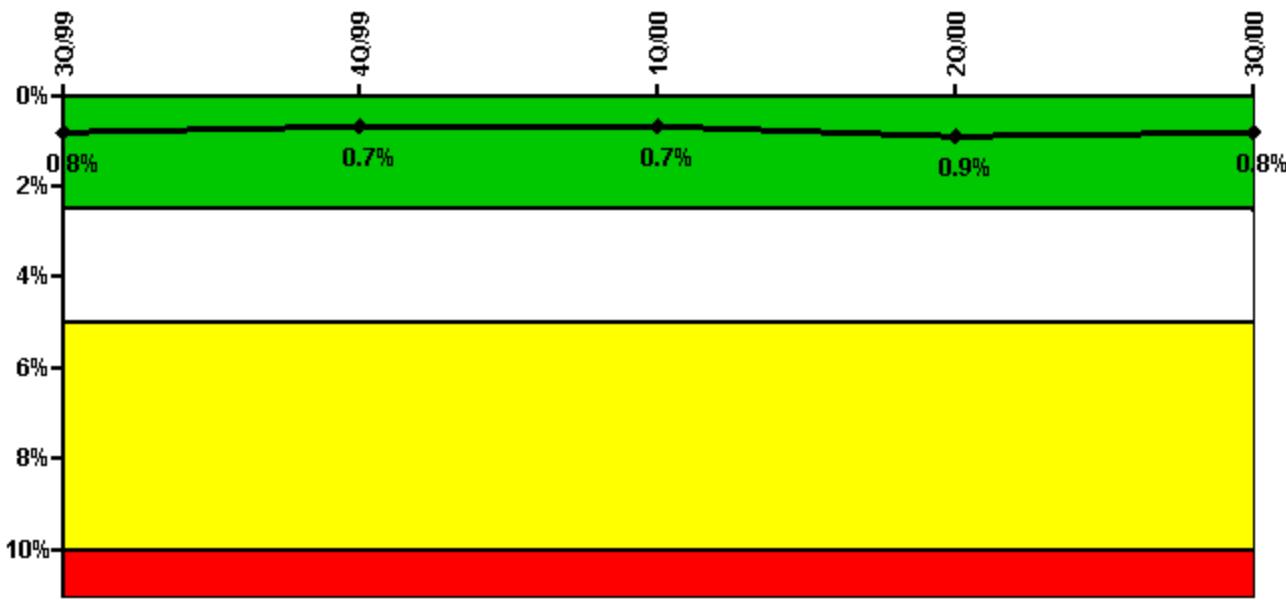
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Unplanned power changes	0	0	0	1.0	0
Critical hours	1894.7	1351.3	2184.0	2150.0	2208.0
Indicator value	0	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



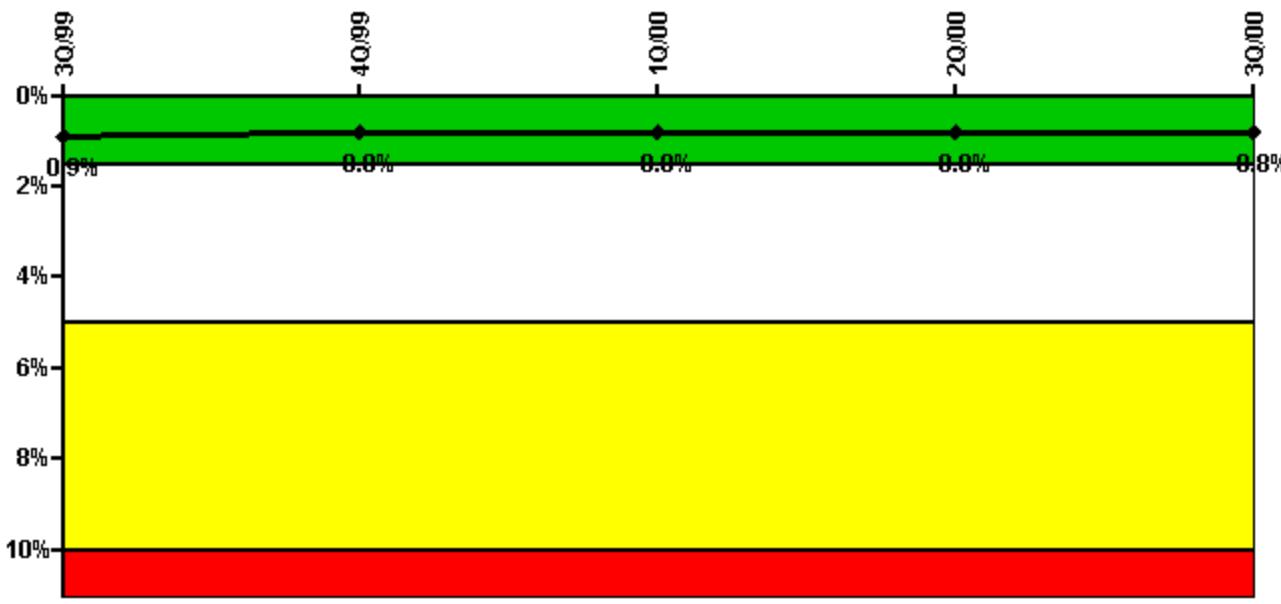
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1					
Planned unavailable hours	15.10	15.00	1.10	87.28	2.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2					
Planned unavailable hours	16.70	15.00	10.77	11.85	13.40
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.8%	0.7%	0.7%	0.9%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



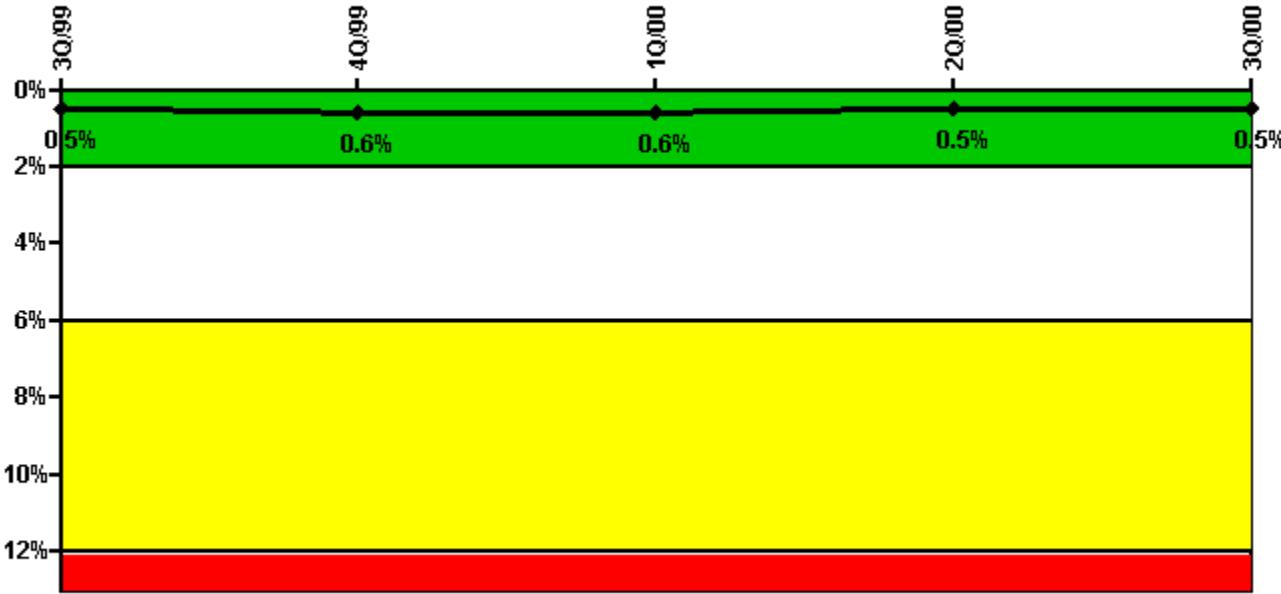
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1						
Planned unavailable hours		10.90	12.30	10.33	10.10	2.30
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.00	1427.00	2184.00	2183.00	2208.00
Train 2						
Planned unavailable hours		24.70	8.20	13.03	23.30	0.80
Unplanned unavailable hours		0	0	0	0	41.10
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.00	1427.00	2184.00	2183.00	2208.00
Train 3						
Planned unavailable hours		29.30	12.70	7.85	10.27	2.80
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.00	1427.00	2184.00	2183.00	2208.00
Train 4						
Planned unavailable hours		14.00	18.80	9.70	19.58	0.80
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.00	1427.00	2184.00	2183.00	2208.00
Indicator value		0.9%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



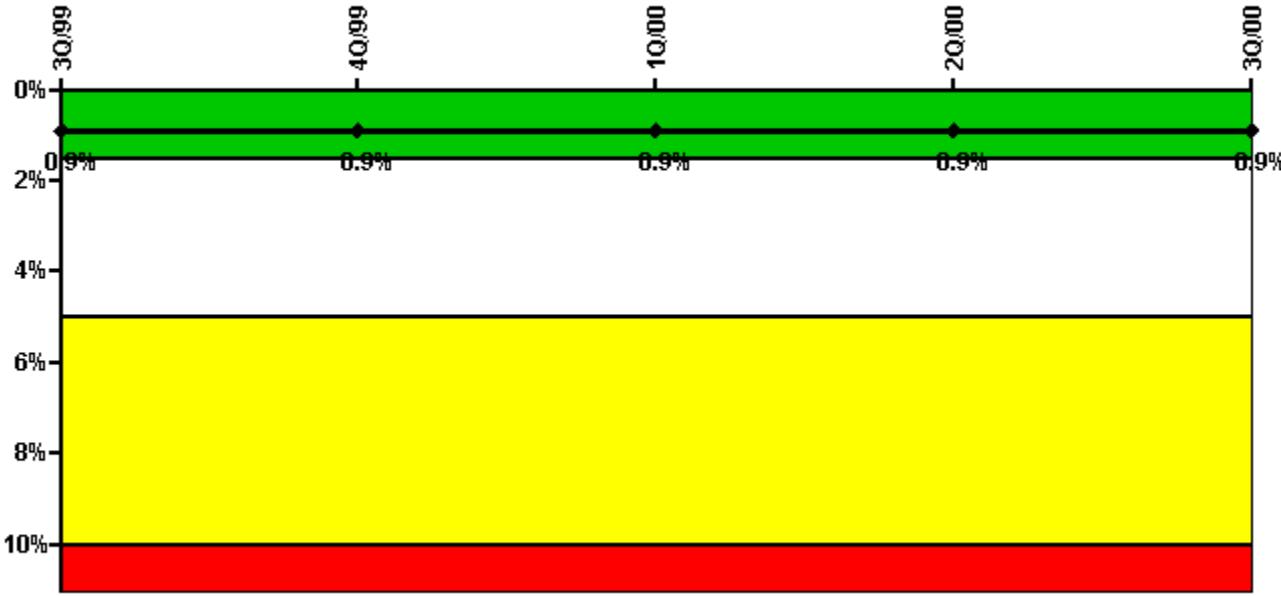
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1						
Planned unavailable hours		12.20	13.23	22.70	11.60	4.50
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.25	1425.00	2184.00	2184.00	2208.00
Train 2						
Planned unavailable hours		14.70	12.65	19.70	2.90	11.10
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.25	1425.00	2184.00	2184.00	2208.00
Train 3						
Planned unavailable hours		3.90	10.93	12.40	1.60	1.20
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1905.25	1425.00	2184.00	2184.00	2208.00
Indicator value		0.5%	0.6%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

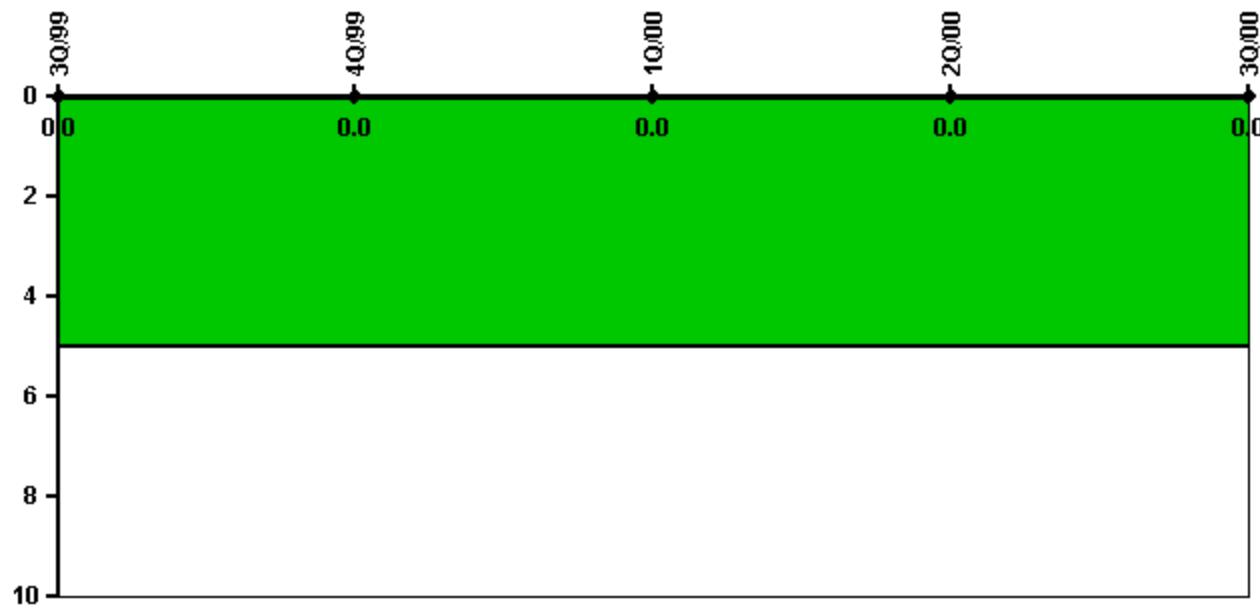


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Train 1						
Planned unavailable hours		25.50	27.40	30.65	10.08	17.50
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2208.00	1626.90	2184.00	2183.00	2208.00
Train 2						
Planned unavailable hours		14.00	20.10	23.58	8.60	1.50
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		2208.00	1626.90	2184.00	2183.00	2208.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

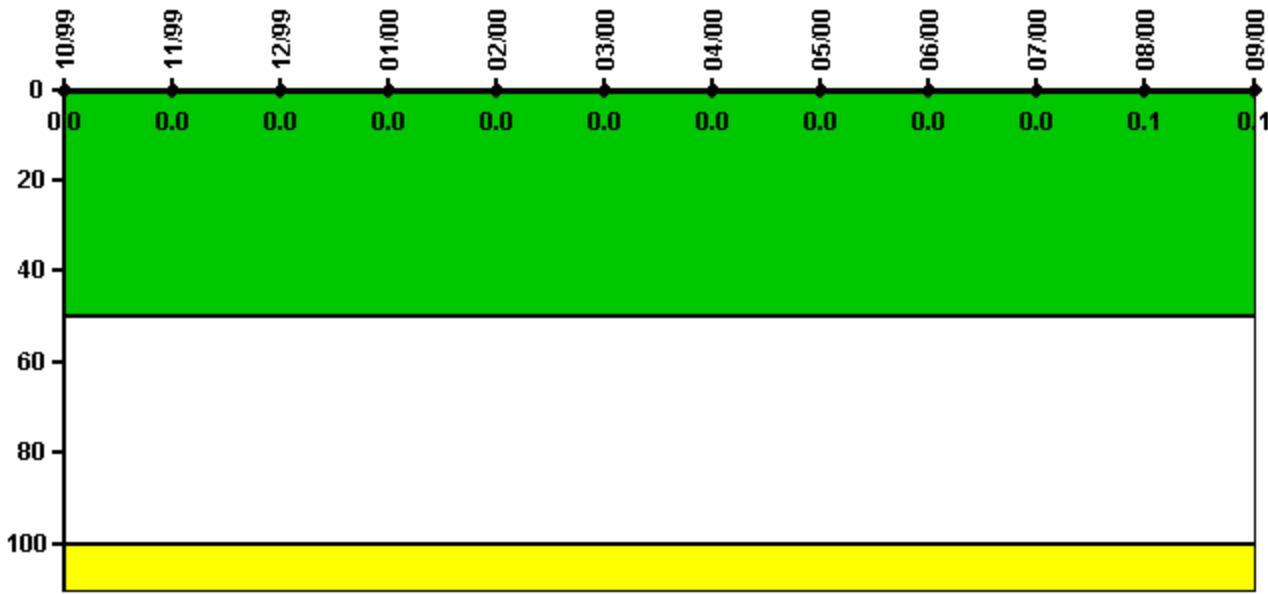
Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

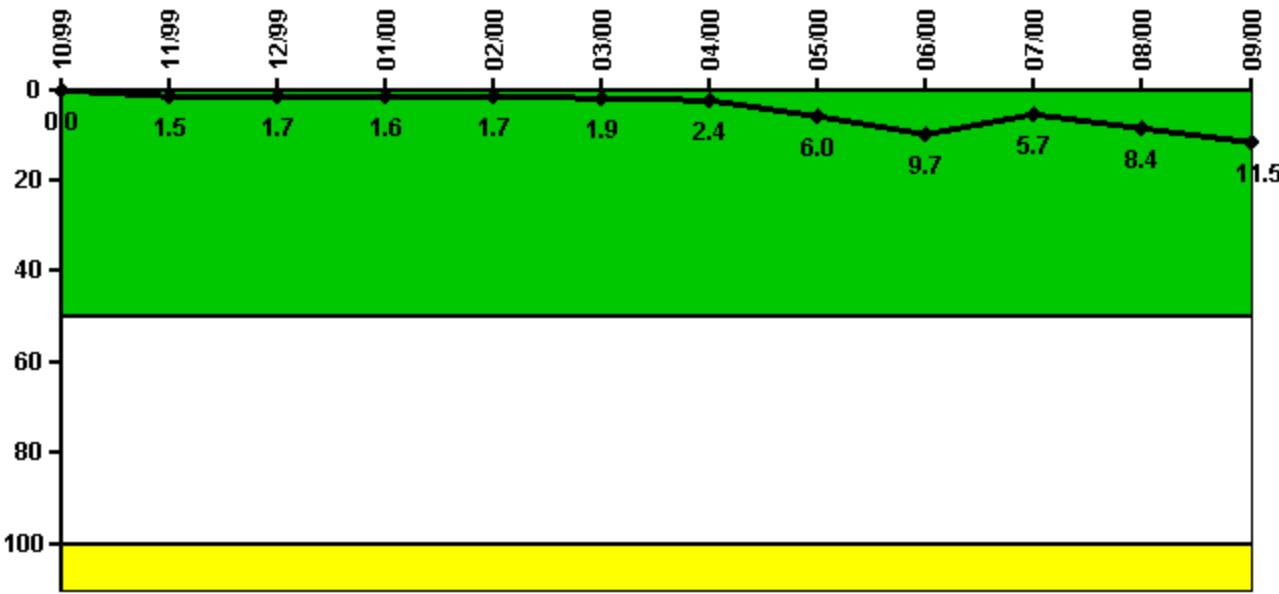
Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0	0.000480	0.000350	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1

Licensee Comments: none

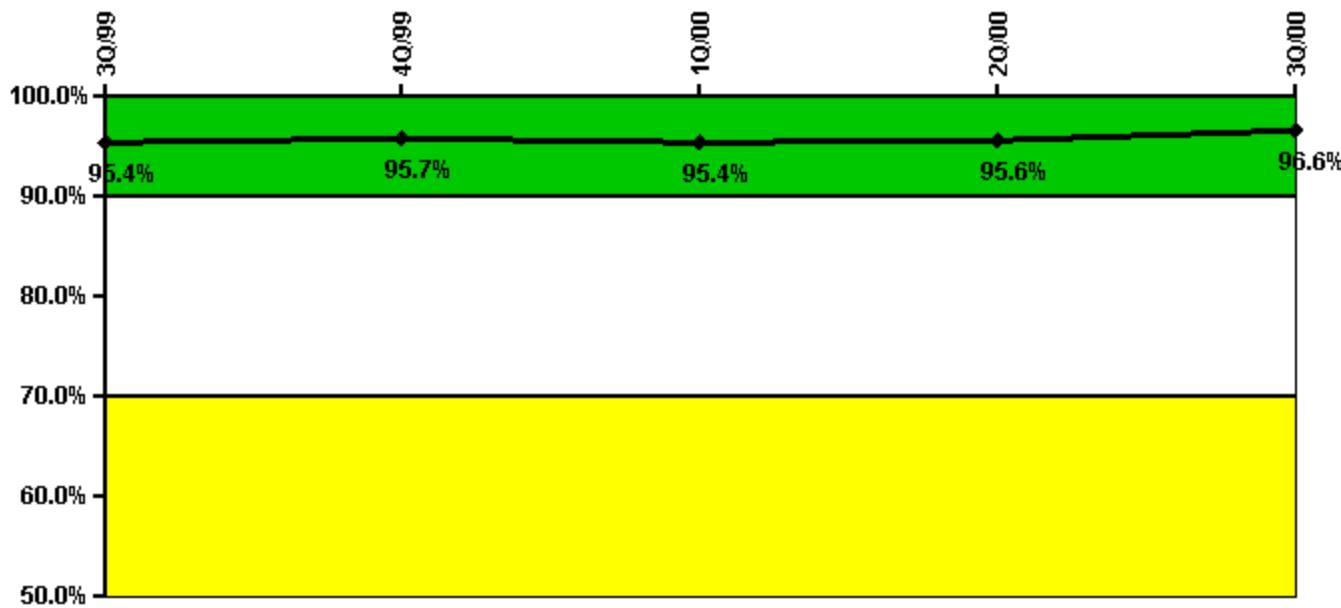
Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0	0.150	0.169	0.163	0.170	0.188	0.238	0.599	0.970	0.568	0.838	1.151
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	1.5	1.7	1.6	1.7	1.9	2.4	6.0	9.7	5.7	8.4	11.5

Licensee Comments: none

Drill/Exercise Performance

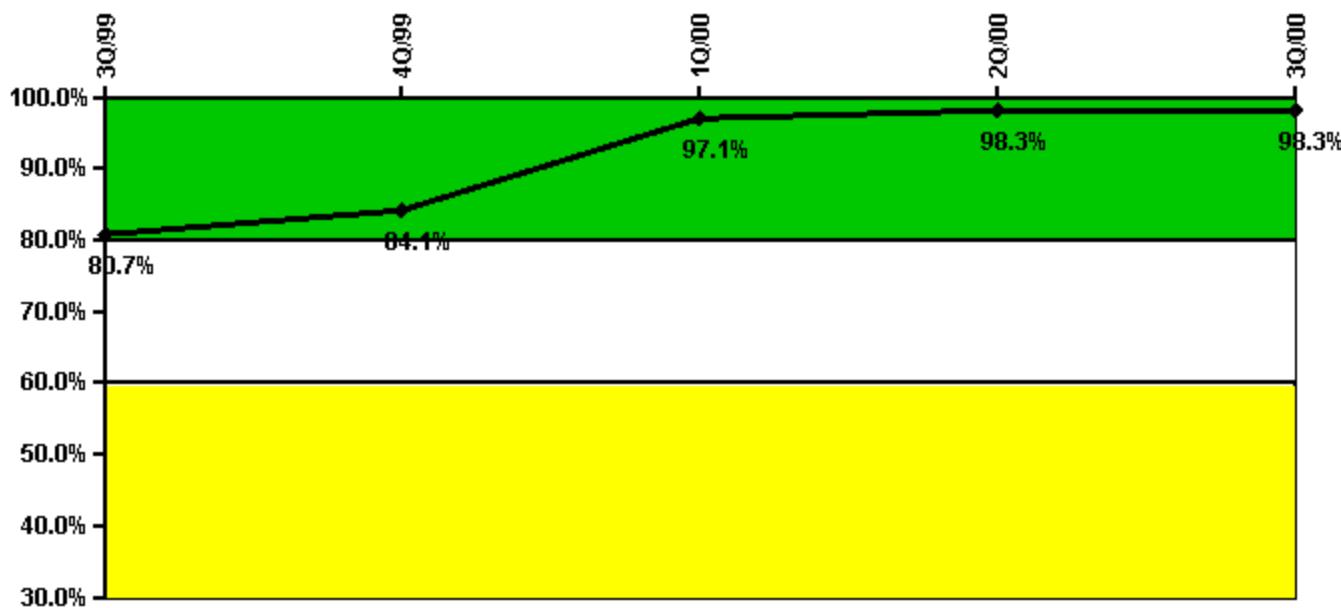
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful opportunities	7.0	17.0	56.0	25.0	0
Total opportunities	8.0	17.0	58.0	26.0	0
Indicator value	95.4%	95.7%	95.4%	95.6%	96.6%

Licensee Comments: none

ERO Drill Participation



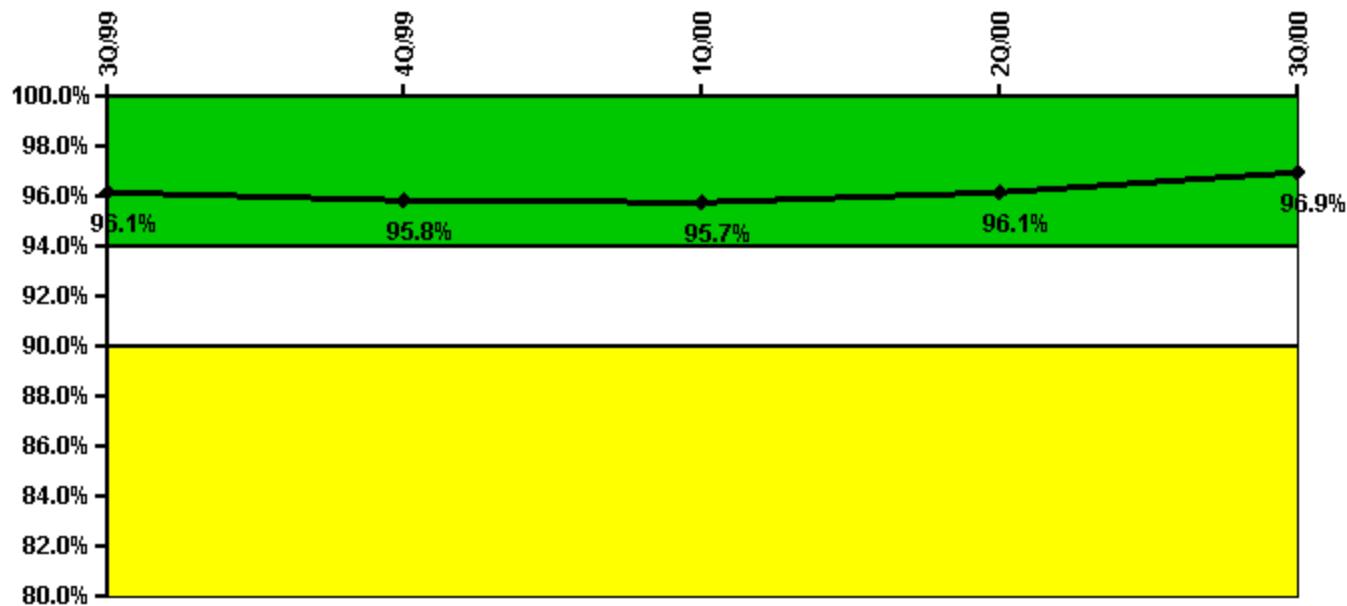
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Participating Key personnel	134.0	138.0	165.0	177.0	173.0
Total Key personnel	166.0	164.0	170.0	180.0	176.0
Indicator value	80.7%	84.1%	97.1%	98.3%	98.3%

Licensee Comments: none

Alert & Notification System

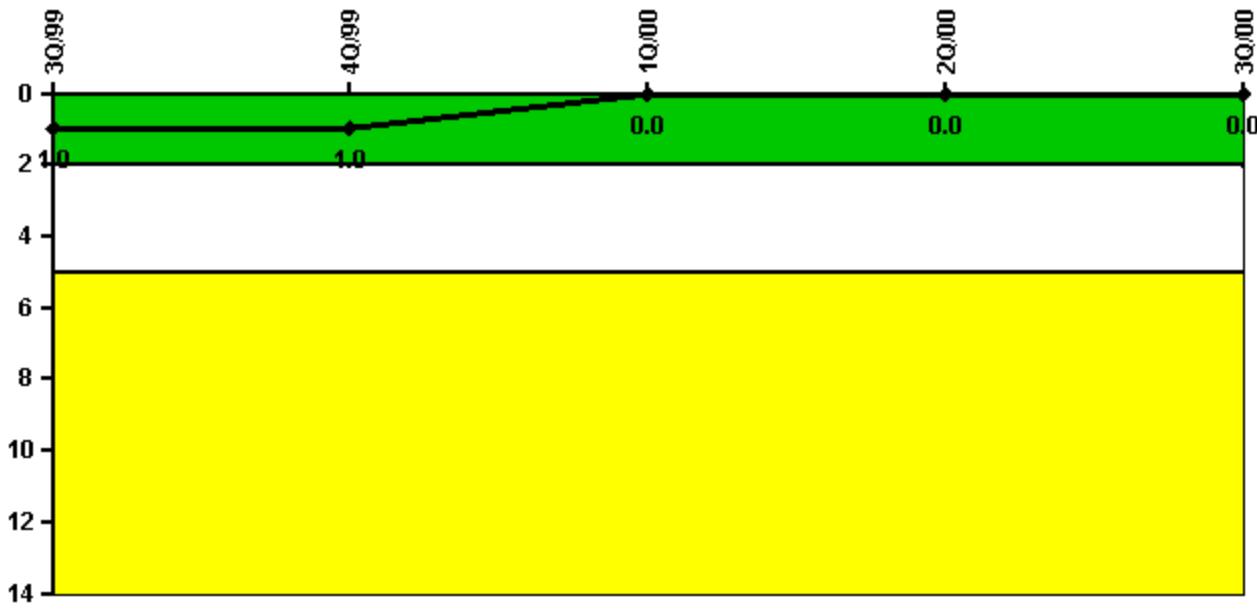


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Successful siren-tests	1427	1386	1410	1455	1510
Total sirens-tests	1503	1456	1465	1484	1540
Indicator value	96.1%	95.8%	95.7%	96.1%	96.9%

Licensee Comments: none

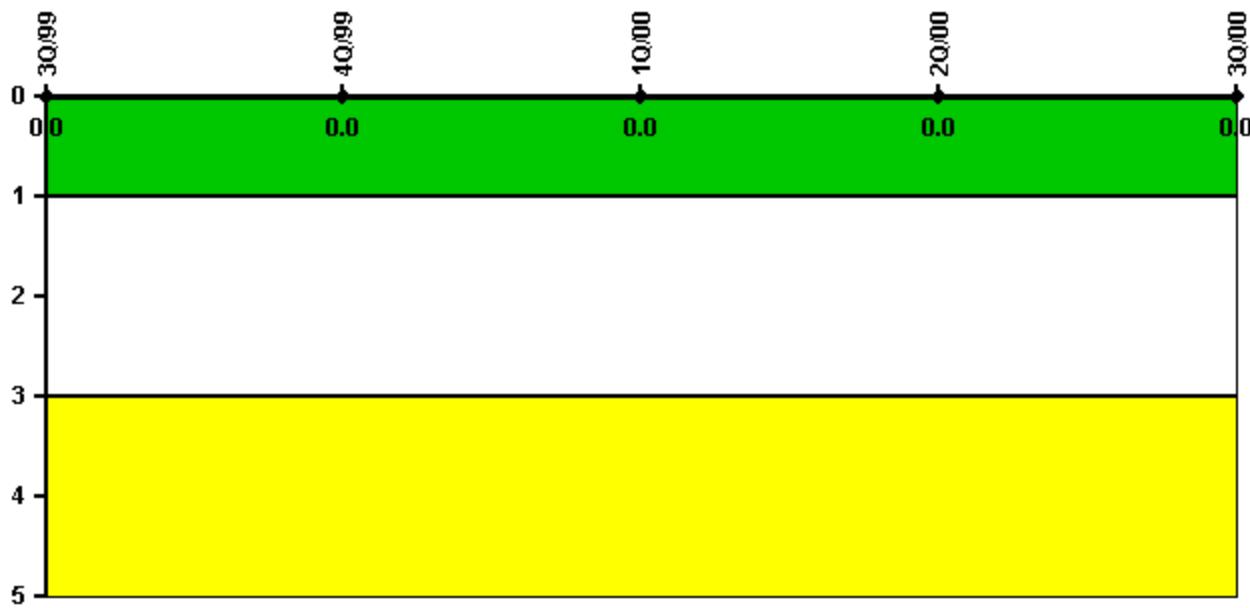
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
High radiation area occurrences	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

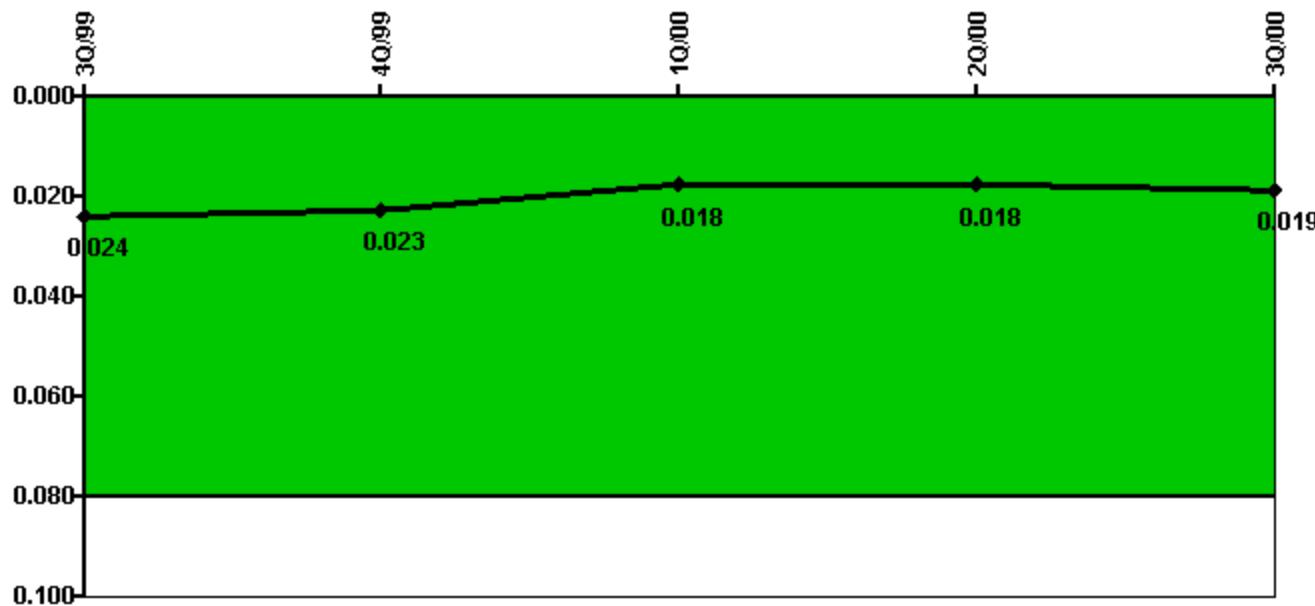
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



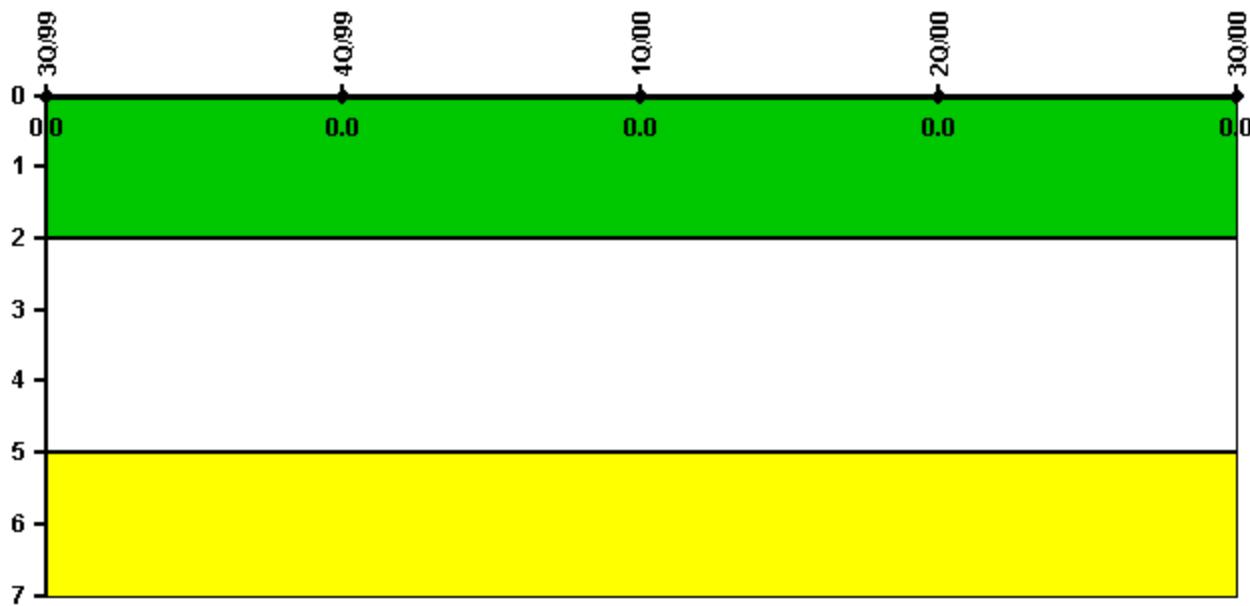
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
IDS compensatory hours	103.70	122.50	165.60	83.09	142.30
CCTV compensatory hours	17.0	11.4	22.8	74.1	21.7
IDS normalization factor	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.024	0.023	0.018	0.018	0.019

Licensee Comments: none

Personnel Screening Program

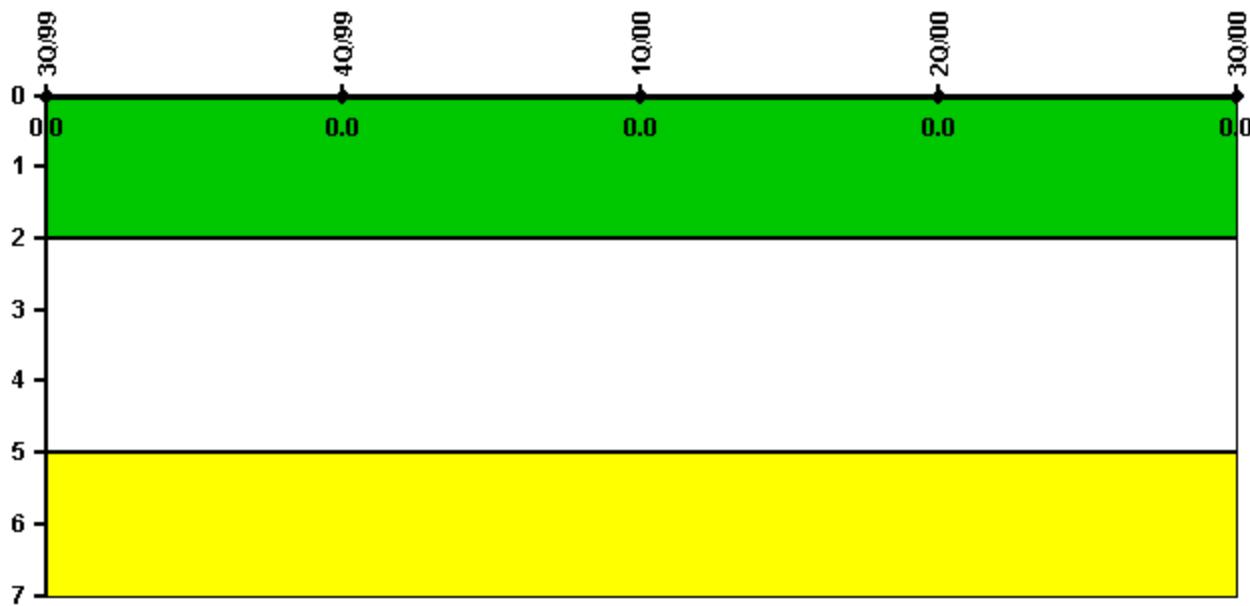


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/99	4Q/99	1Q/00	2Q/00	3Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

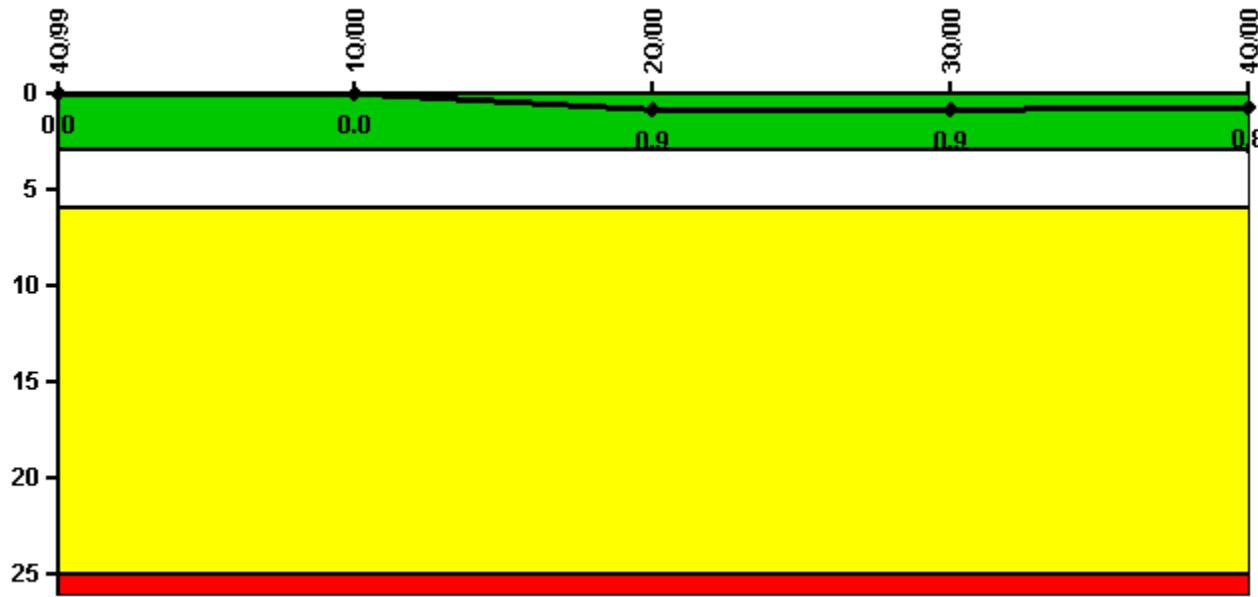


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Last Modified: March 29, 2002

McGuire 1**4Q/2000 Performance Indicators**

Licensee's General Comments: none

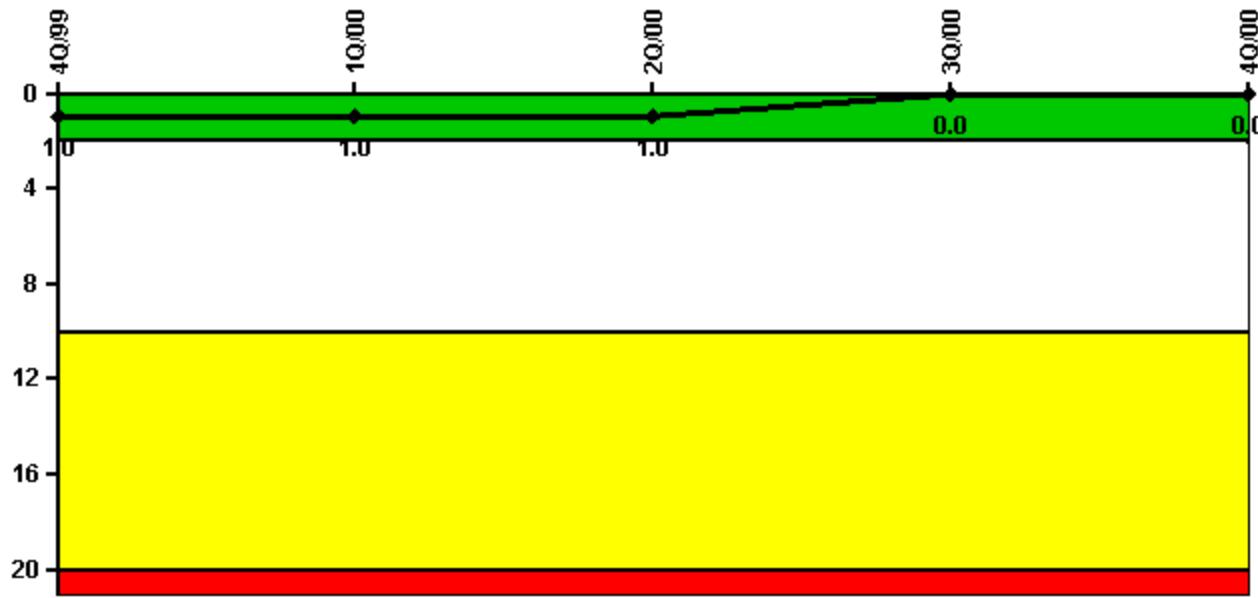
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned scrams	0	0	1.0	0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0
Indicator value	0	0	0.9	0.9	0.8

Licensee Comments: none

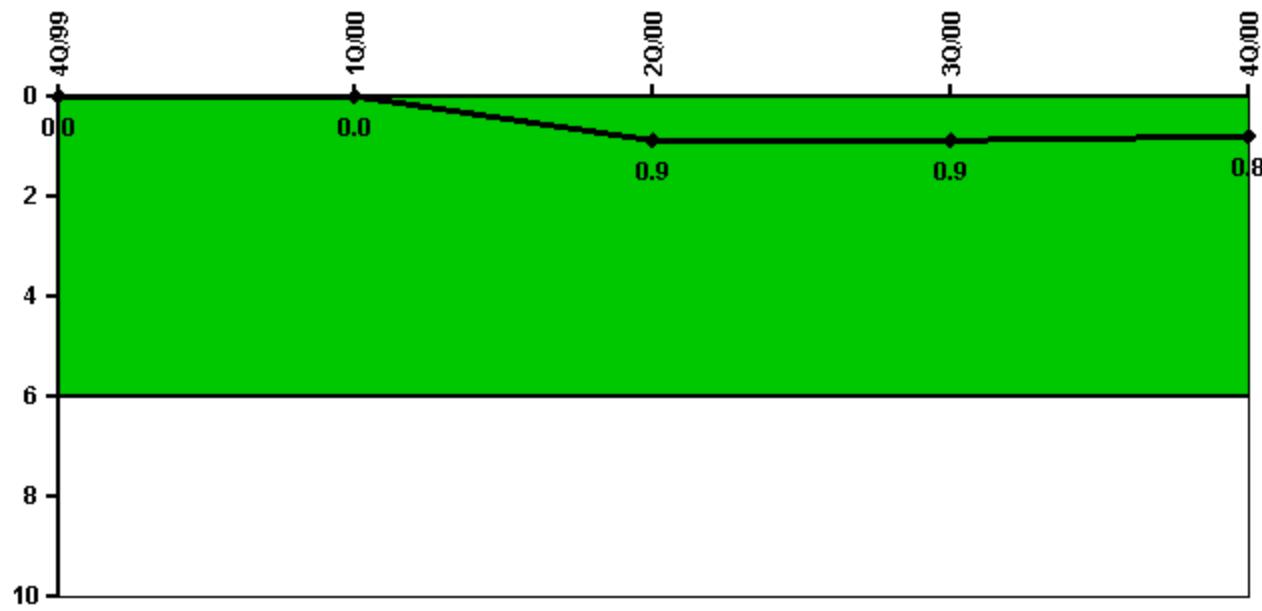
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Scrams	0	0	0	0	0
Indicator value	1.0	1.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

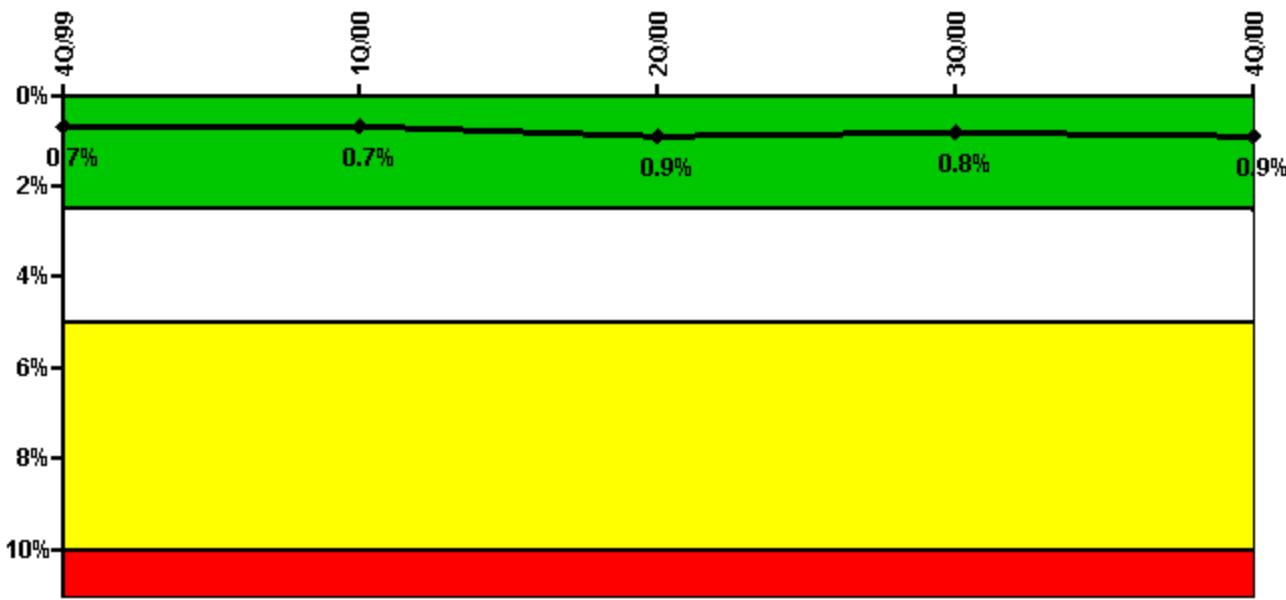
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Unplanned power changes	0	0	1.0	0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0
Indicator value	0	0	0.9	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



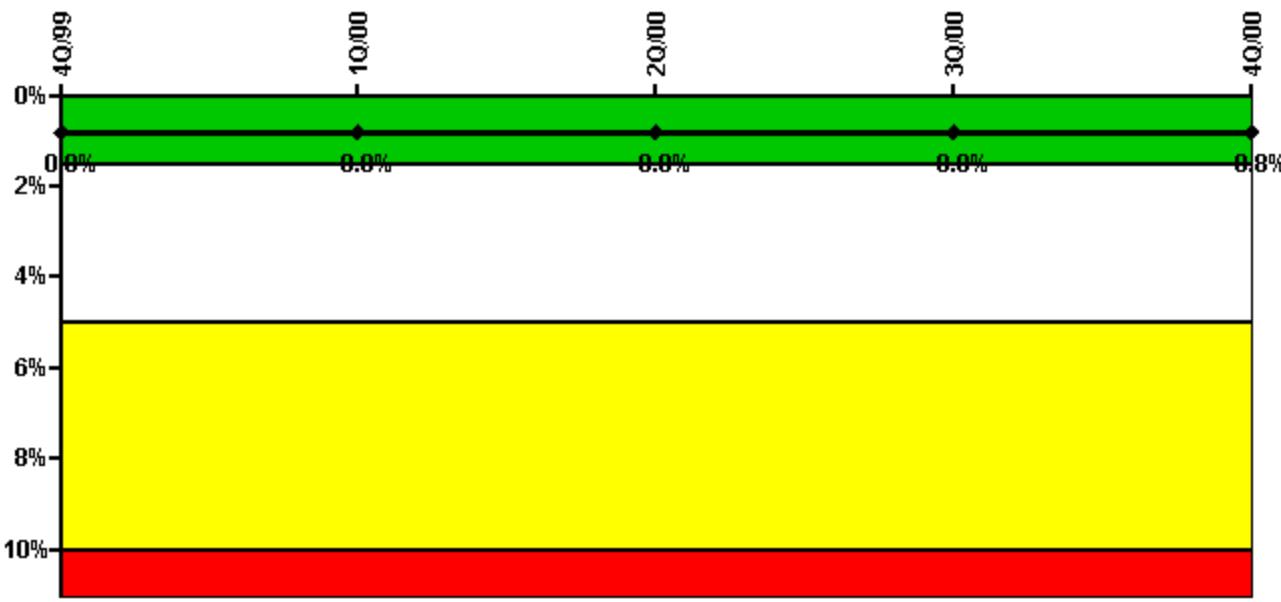
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	15.00	1.10	87.28	2.60	16.60
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2					
Planned unavailable hours	15.00	10.77	11.85	13.40	16.80
Unplanned unavailable hours	0	0	0	0	11.00
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.7%	0.9%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



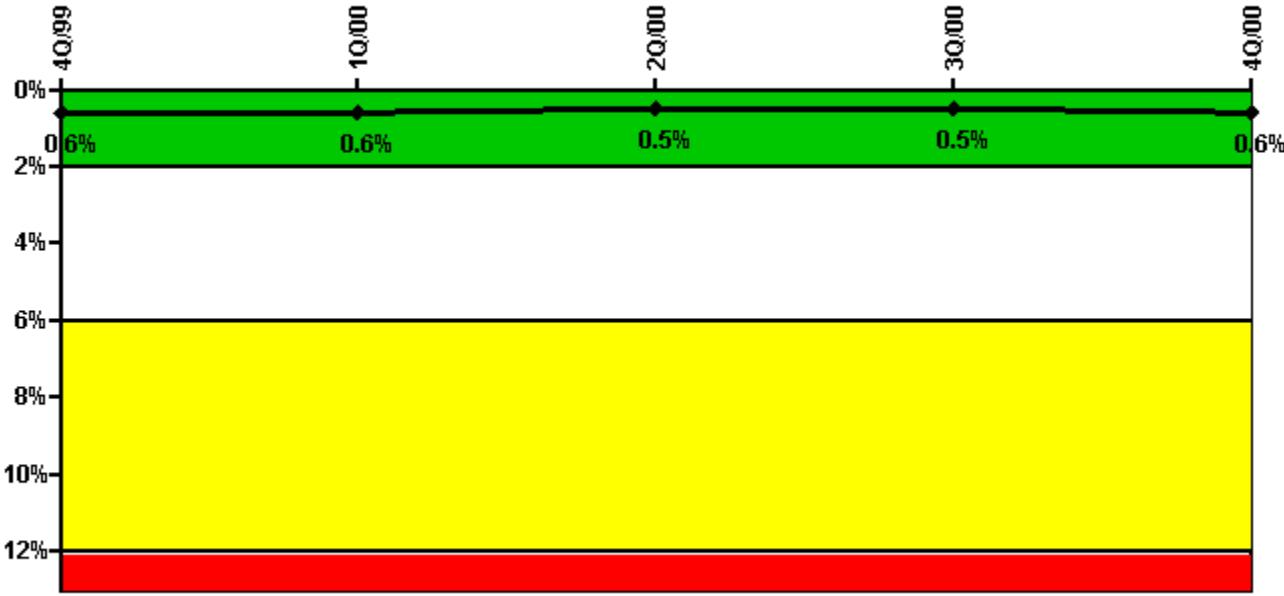
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1						
Planned unavailable hours		12.30	10.33	10.10	2.30	12.20
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00
Train 2						
Planned unavailable hours		8.20	13.03	23.30	0.80	9.40
Unplanned unavailable hours		0	0	0	41.10	10.30
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00
Train 3						
Planned unavailable hours		12.70	7.85	10.27	2.80	12.30
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00
Train 4						
Planned unavailable hours		18.80	9.70	19.58	0.80	0.30
Unplanned unavailable hours		0	0	0	0	10.30
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00
Indicator value		0.8%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



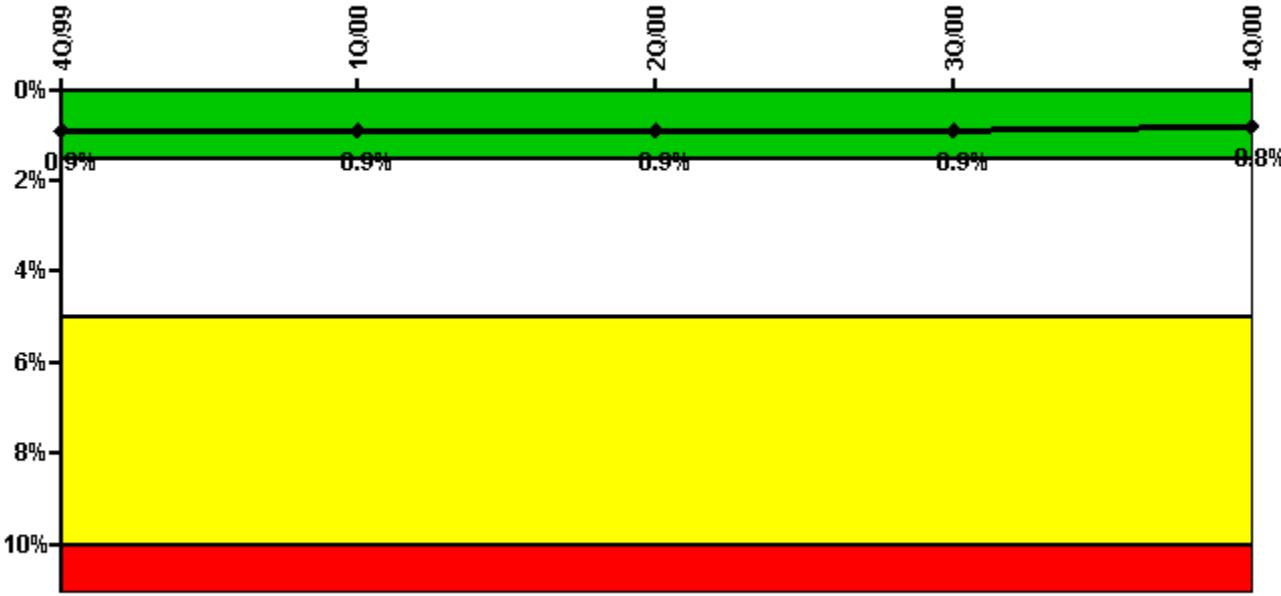
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)					
	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1					
Planned unavailable hours	13.23	22.70	11.60	4.50	13.10
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00
Train 2					
Planned unavailable hours	12.65	19.70	2.90	11.10	1.50
Unplanned unavailable hours	0	0	0	0	10.30
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00
Train 3					
Planned unavailable hours	10.93	12.40	1.60	1.20	1.20
Unplanned unavailable hours	0	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

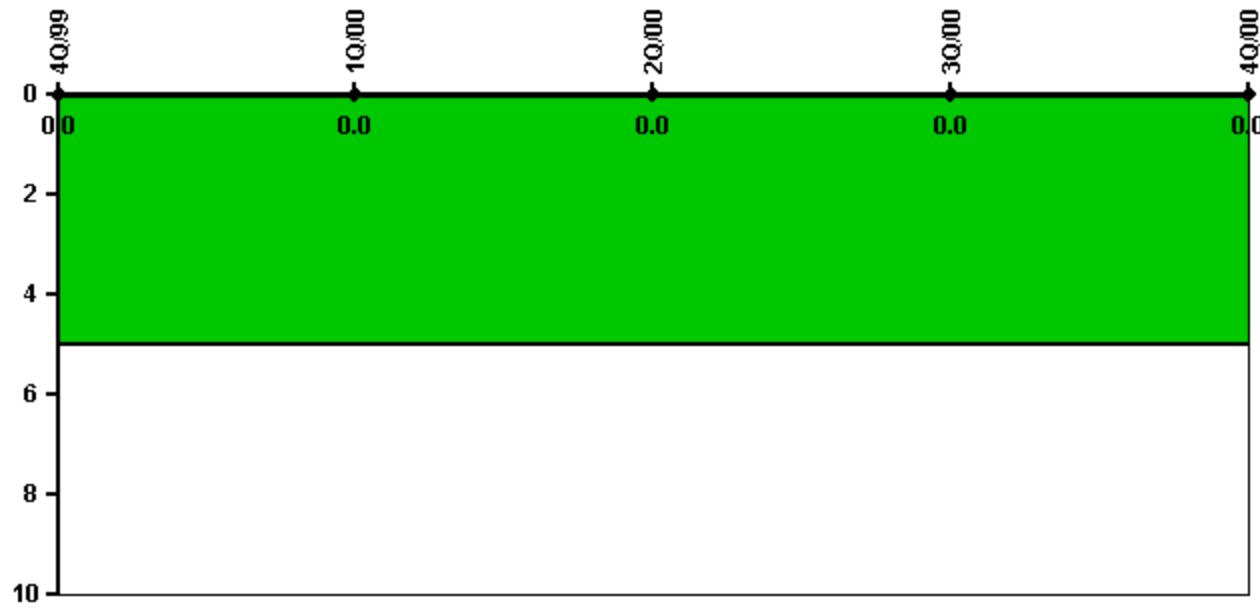


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Train 1						
Planned unavailable hours		27.40	30.65	10.08	17.50	17.25
Unplanned unavailable hours		0	0	0	0	0
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00
Train 2						
Planned unavailable hours		20.10	23.58	8.60	1.50	0
Unplanned unavailable hours		0	0	0	0	10.25
Fault exposure hours		0	0	0	0	0
Effective Reset hours		0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.8%

Licensee Comments: none

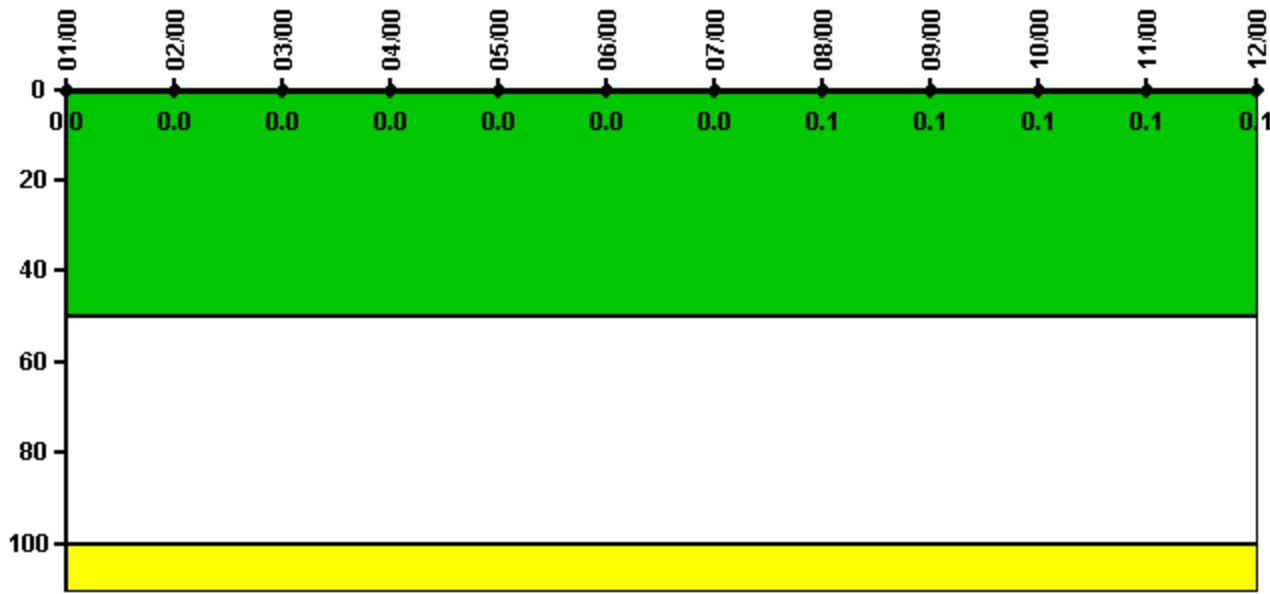
Safety System Functional Failures (PWR)

Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Safety System Functional Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity

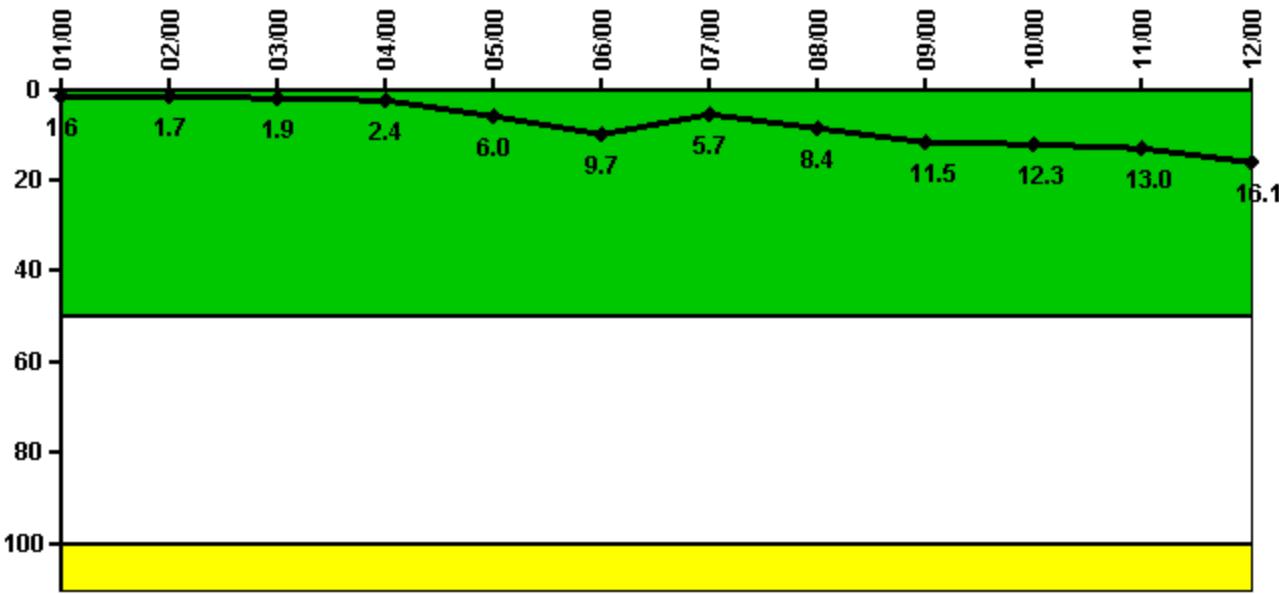
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510	0.000540	0.000520	0.000760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage

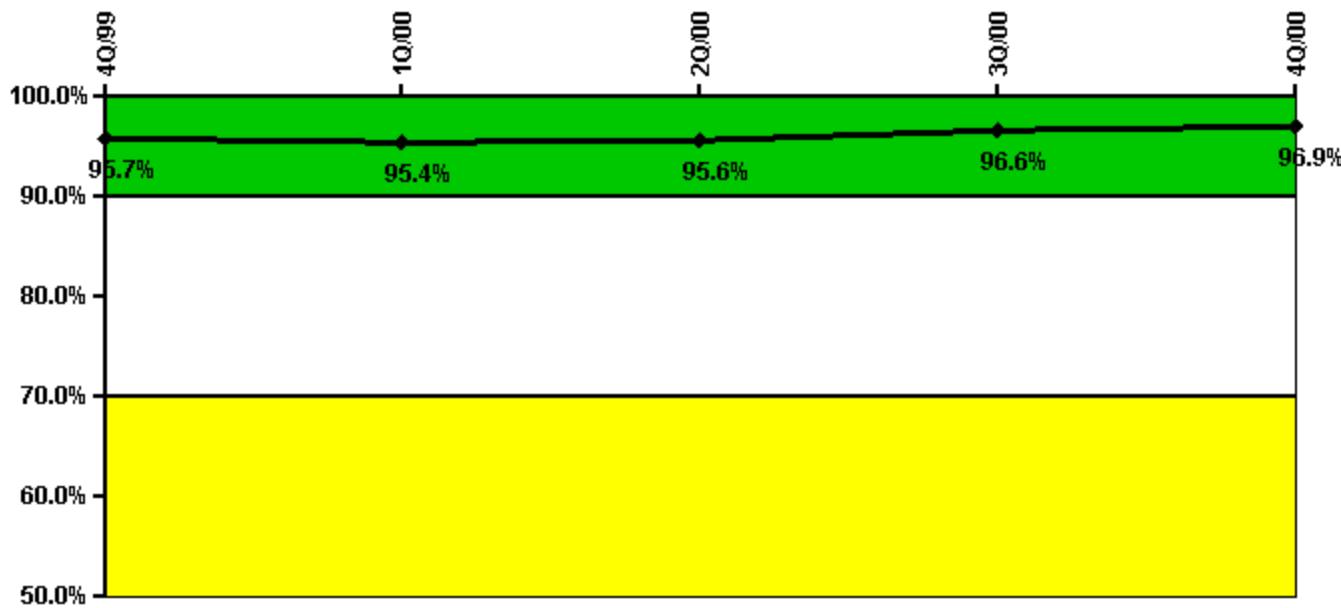


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.163	0.170	0.188	0.238	0.599	0.970	0.568	0.838	1.151	1.233	1.296	1.610
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.7	1.9	2.4	6.0	9.7	5.7	8.4	11.5	12.3	13.0	16.1

Licensee Comments: none

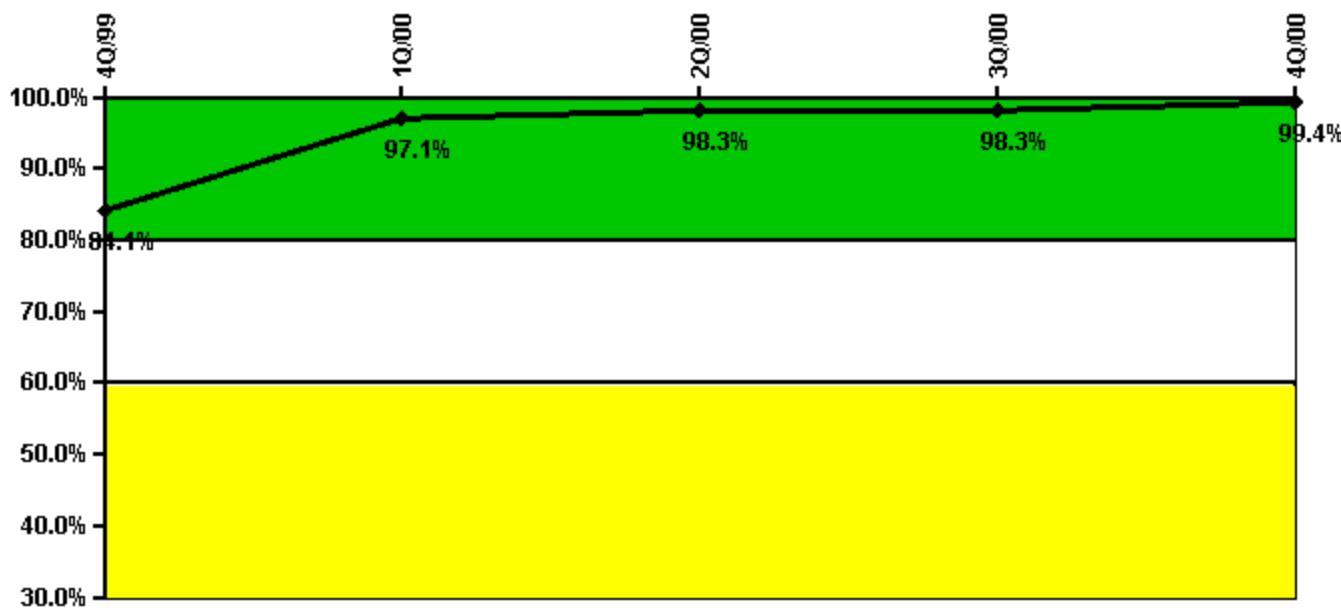
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful opportunities	17.0	56.0	25.0	0	17.0
Total opportunities	17.0	58.0	26.0	0	18.0
Indicator value	95.7%	95.4%	95.6%	96.6%	96.9%

Licensee Comments: none

ERO Drill Participation

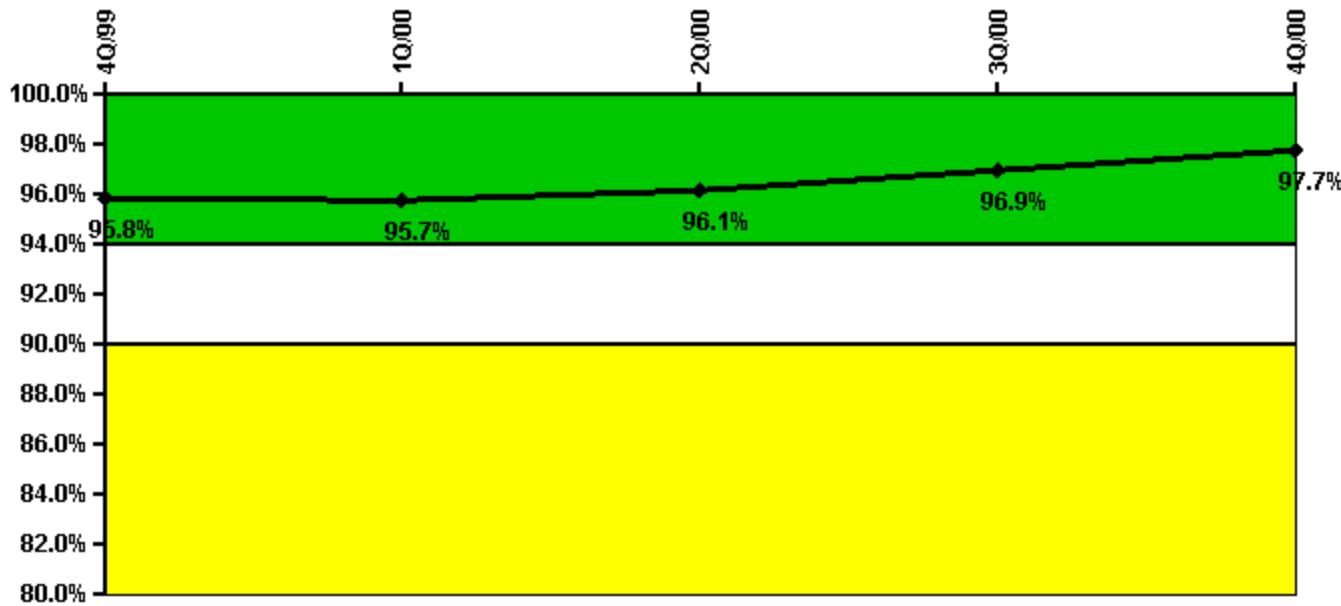
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Participating Key personnel	138.0	165.0	177.0	173.0	178.0
Total Key personnel	164.0	170.0	180.0	176.0	179.0
Indicator value	84.1%	97.1%	98.3%	98.3%	99.4%

Licensee Comments: none

Alert & Notification System

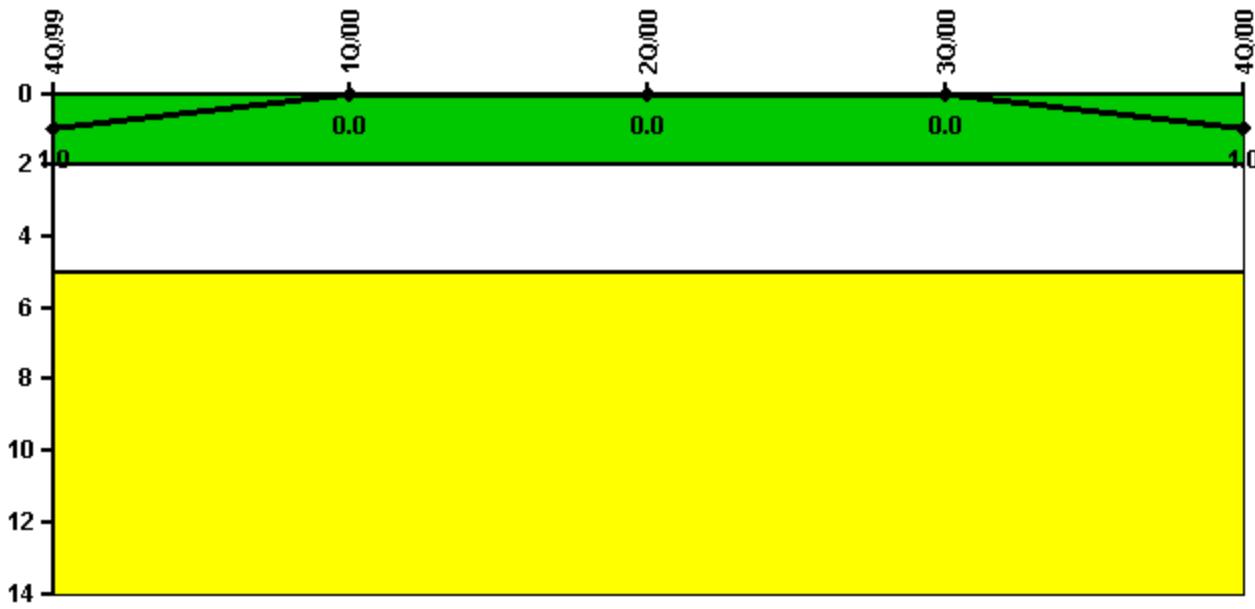


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Successful siren-tests	1386	1410	1455	1510	1460
Total sirens-tests	1456	1465	1484	1540	1484
Indicator value	95.8%	95.7%	96.1%	96.9%	97.7%

Licensee Comments: none

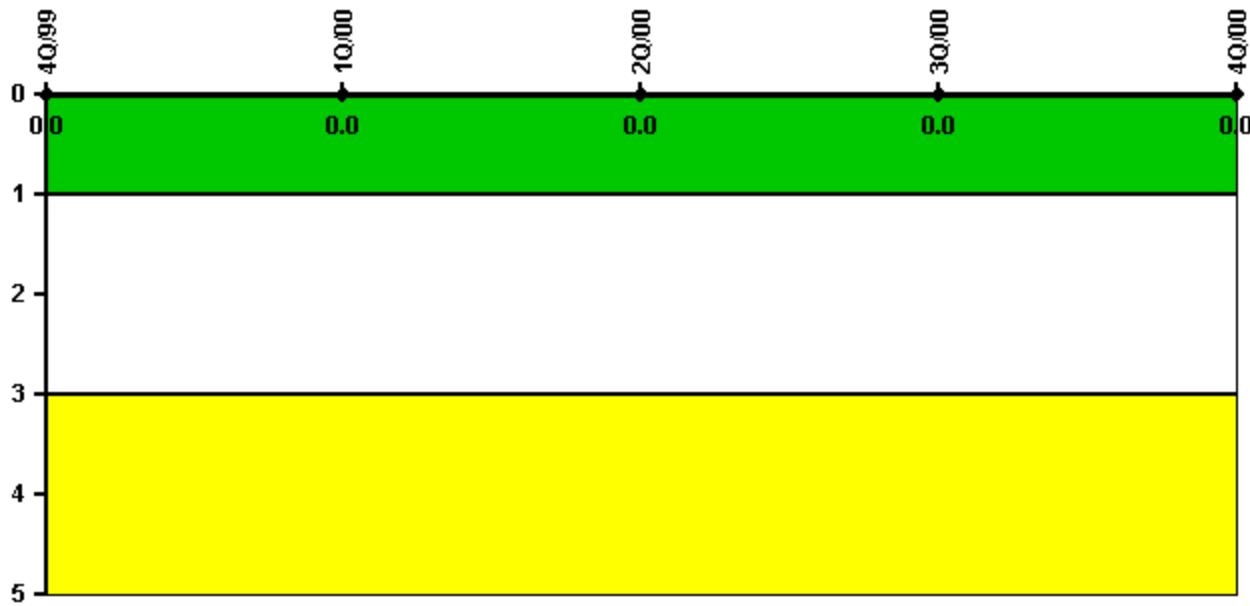
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
High radiation area occurrences	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	0	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

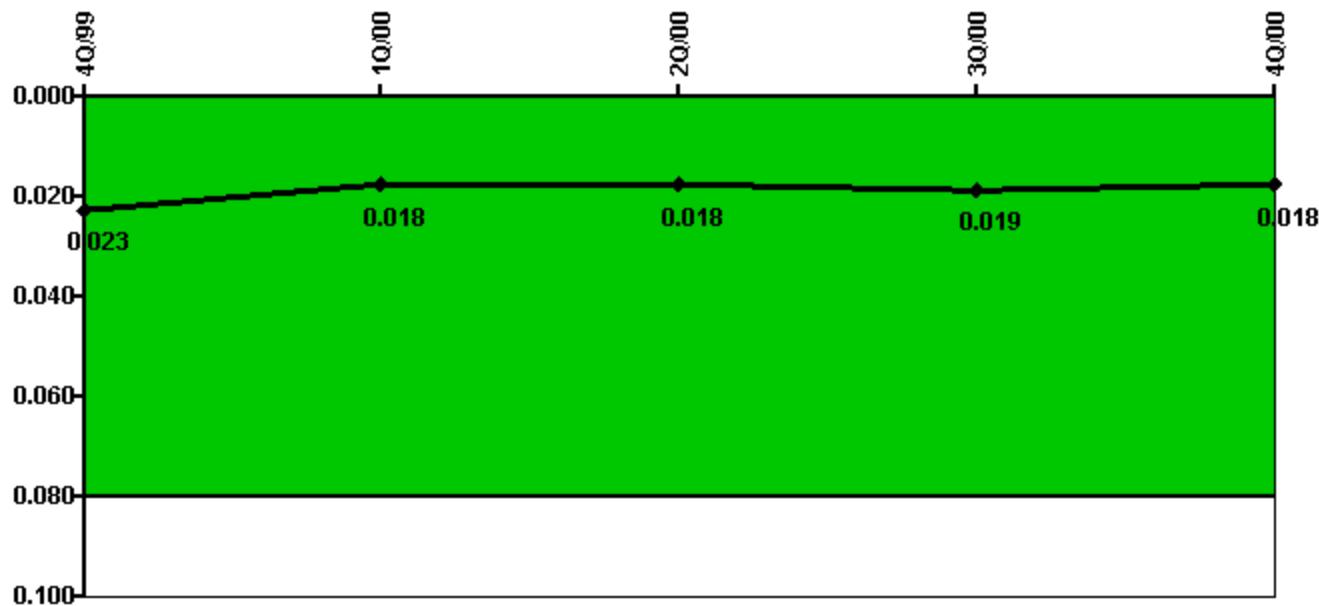
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
RETS/ODCM occurrences	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



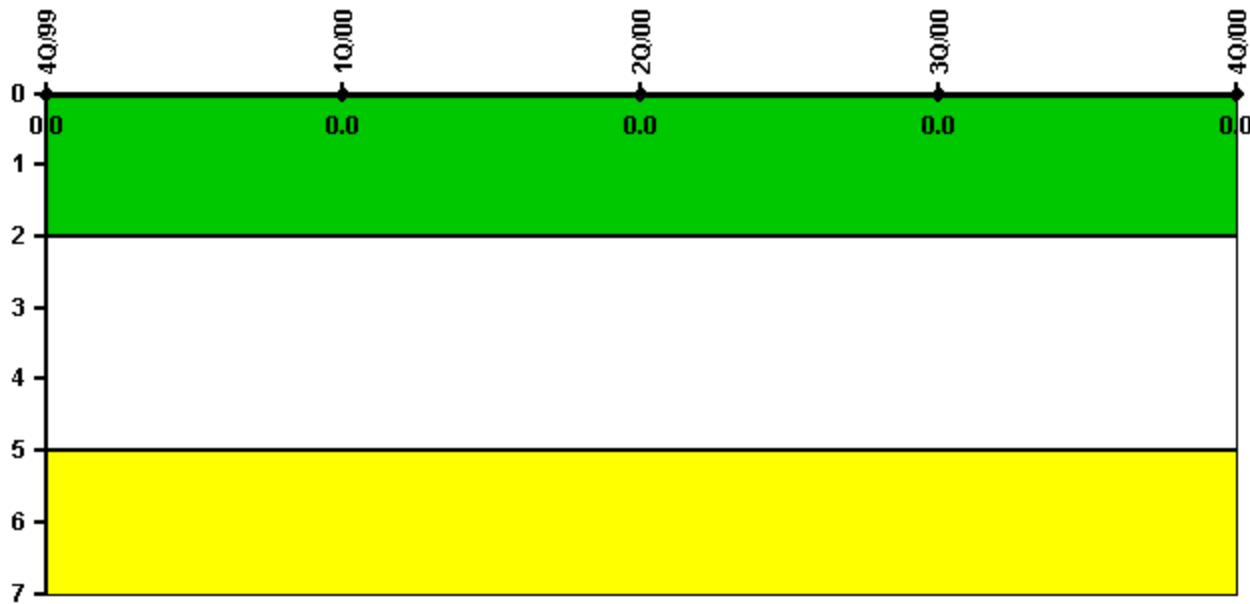
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
IDS compensatory hours	122.50	165.60	83.09	142.30	50.70
CCTV compensatory hours	11.4	22.8	74.1	21.7	26.3
IDS normalization factor	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0
Index Value	0.023	0.018	0.018	0.019	0.018

Licensee Comments: none

Personnel Screening Program

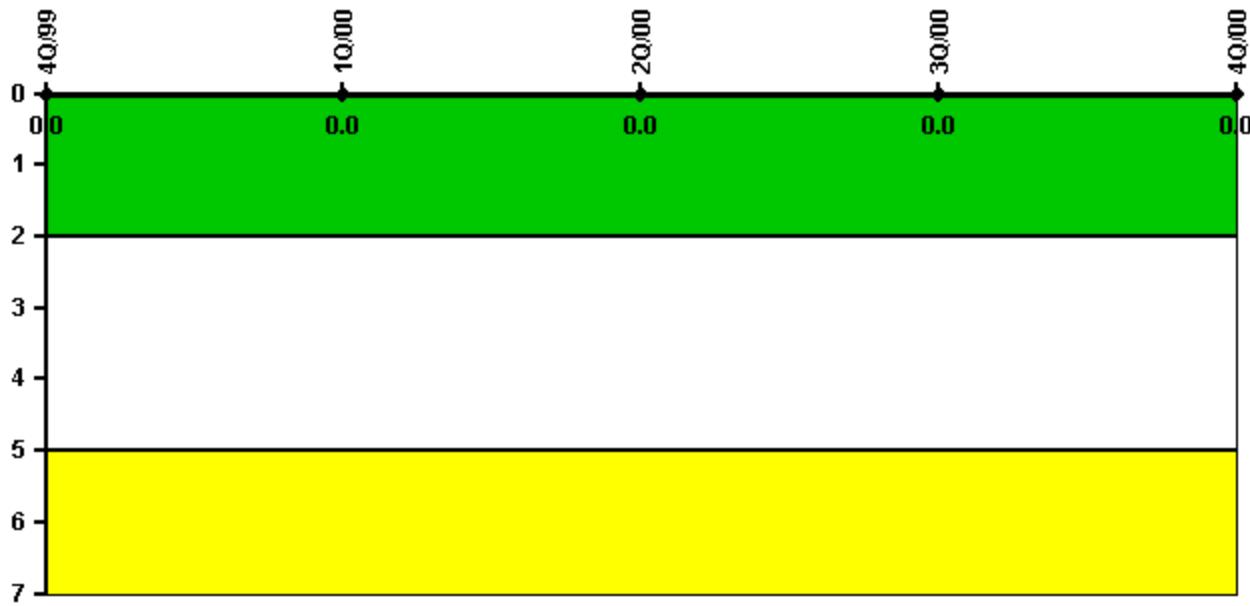


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00
Program Failures	0	0	0	0	0
Indicator value	0	0	0	0	0

Licensee Comments: none

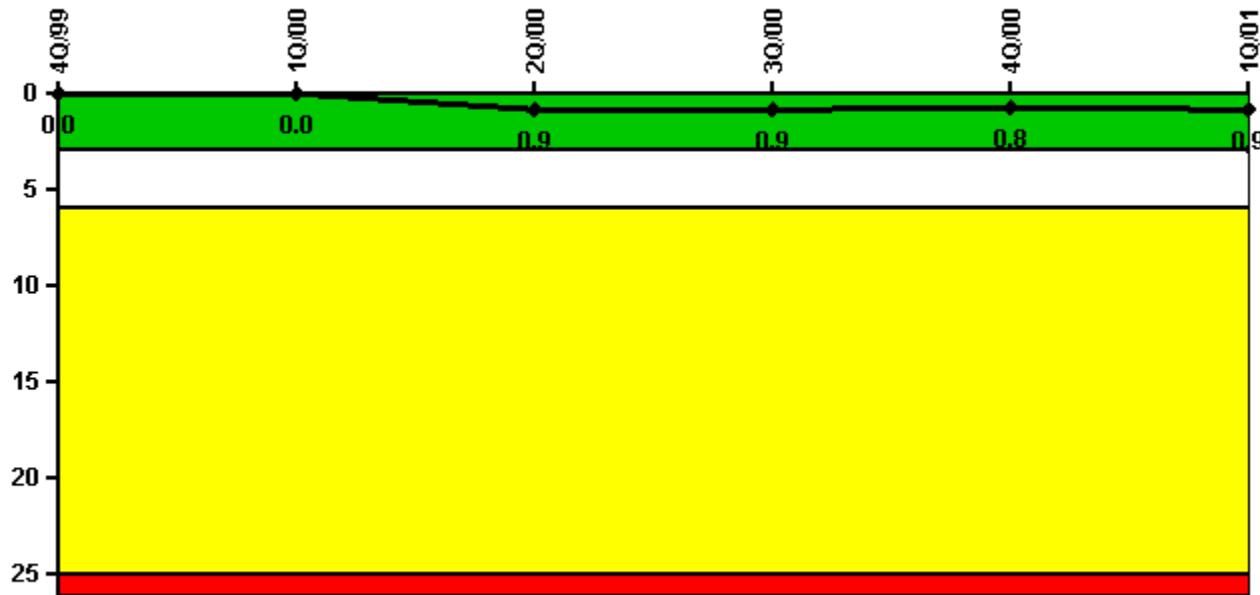


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

McGuire 1**1Q/2001 Performance Indicators**

Licensee's General Comments: none

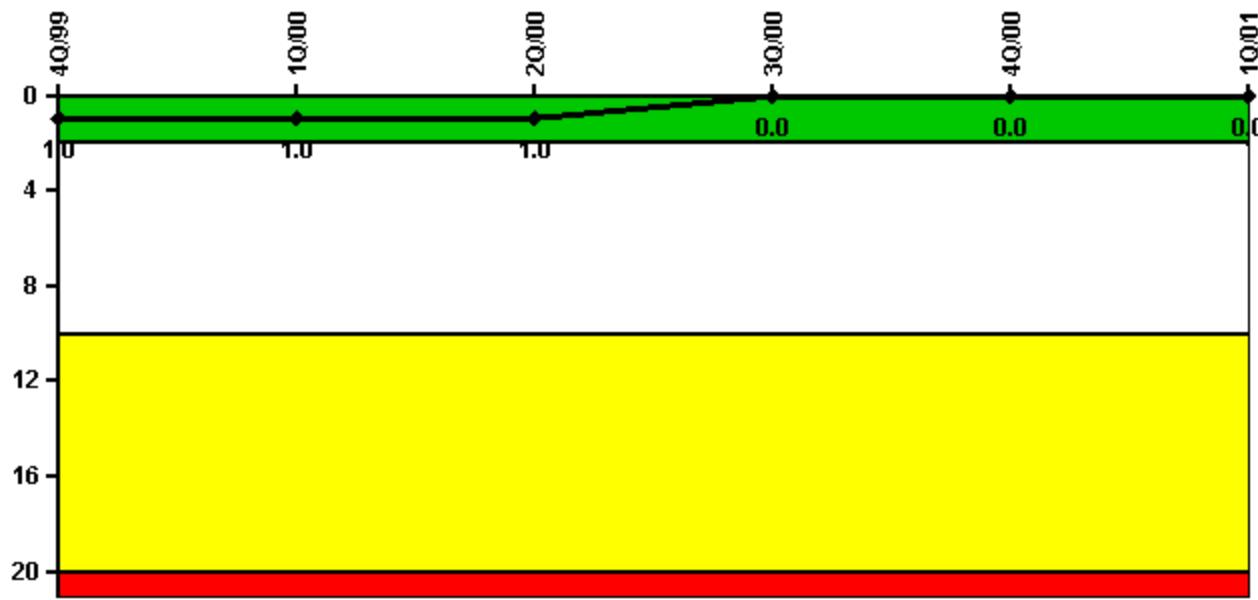
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned scrams	0	0	1.0	0	0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0	1505.2
Indicator value	0	0	0.9	0.9	0.8	0.9

Licensee Comments: none

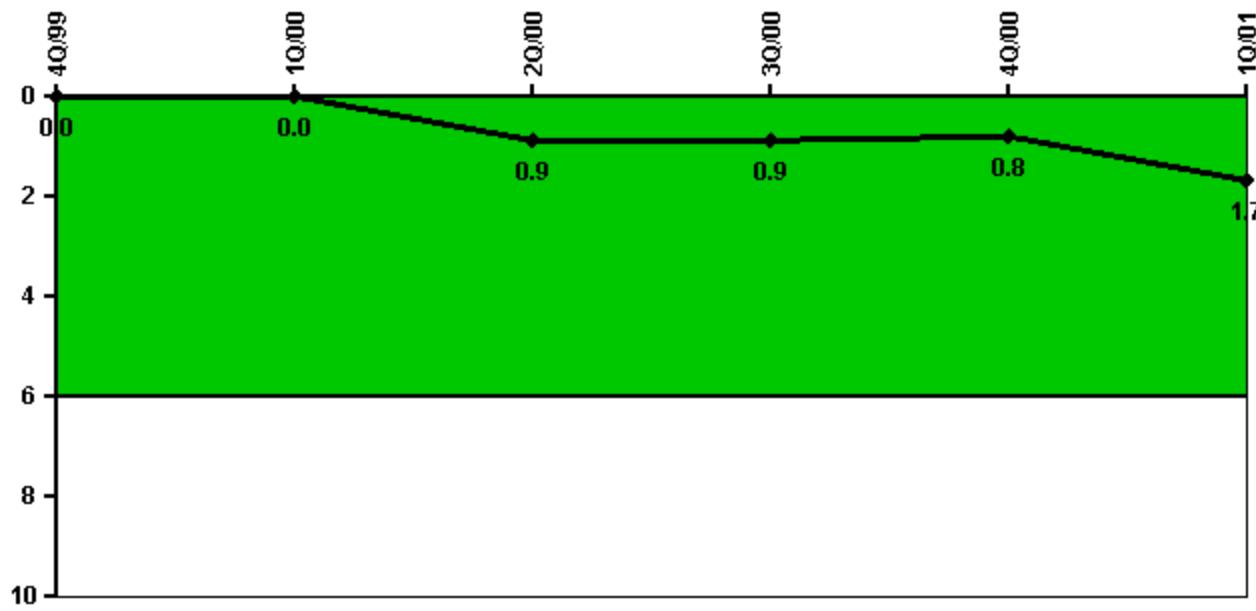
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Scrams	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

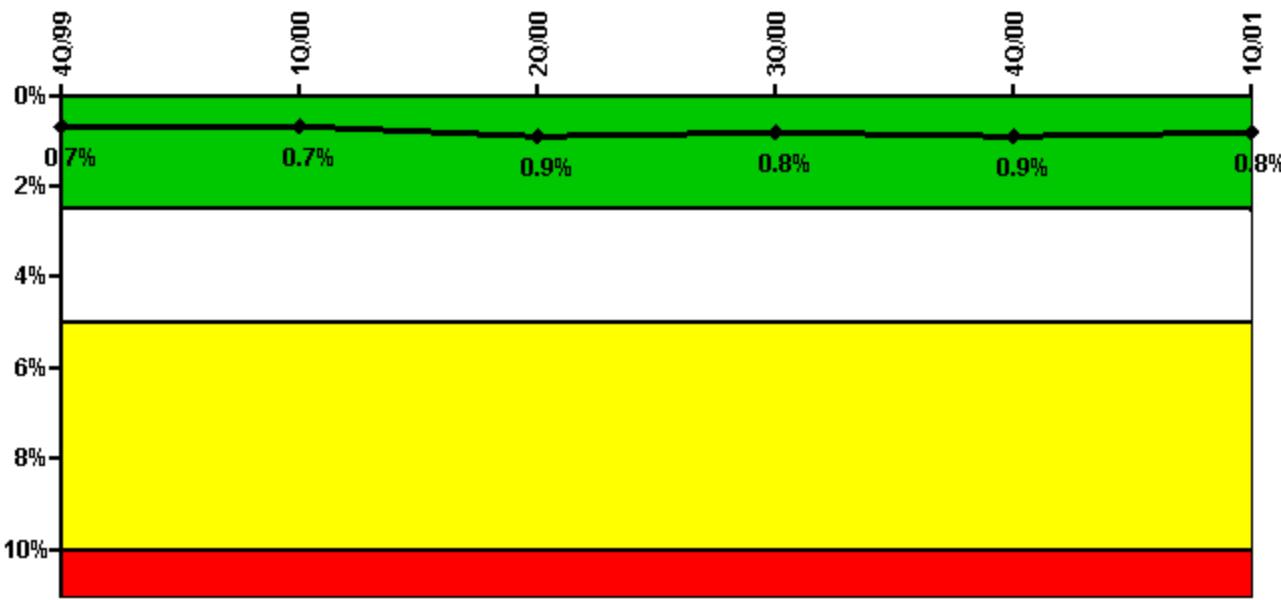
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Unplanned power changes	0	0	1.0	0	0	1.0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0	1505.2
Indicator value	0	0	0.9	0.9	0.8	1.7

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



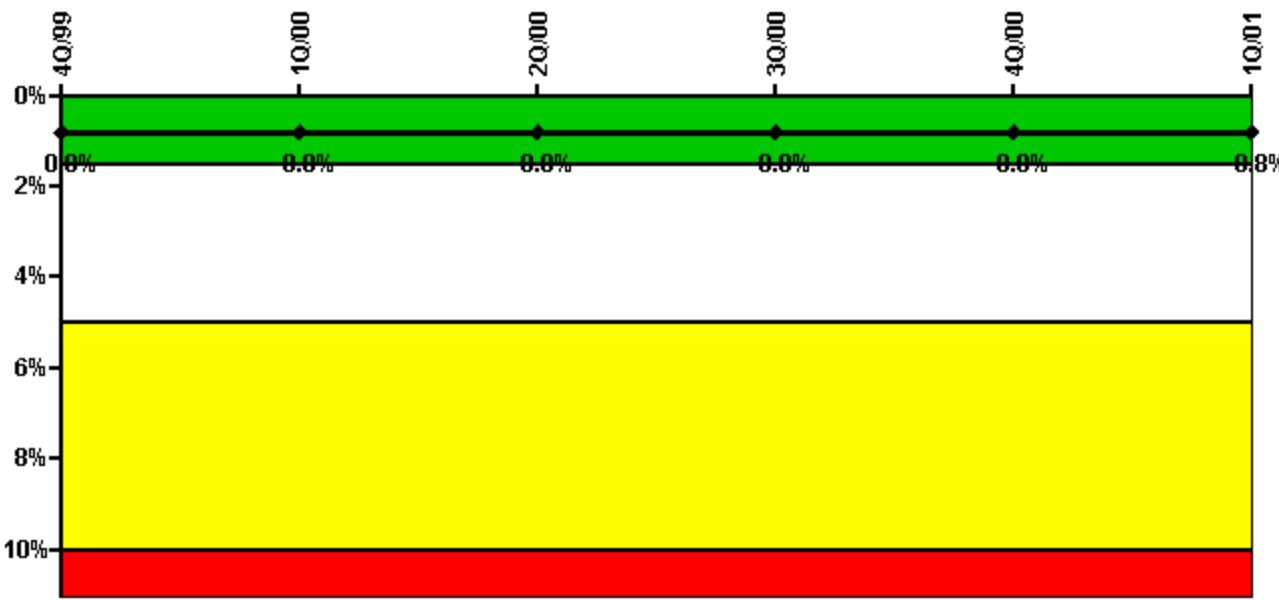
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	15.00	1.10	87.28	2.60	16.60	0.30
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2						
Planned unavailable hours	15.00	10.77	11.85	13.40	16.80	11.71
Unplanned unavailable hours	0	0	0	0	11.00	5.02
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.7%	0.7%	0.9%	0.8%	0.9%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



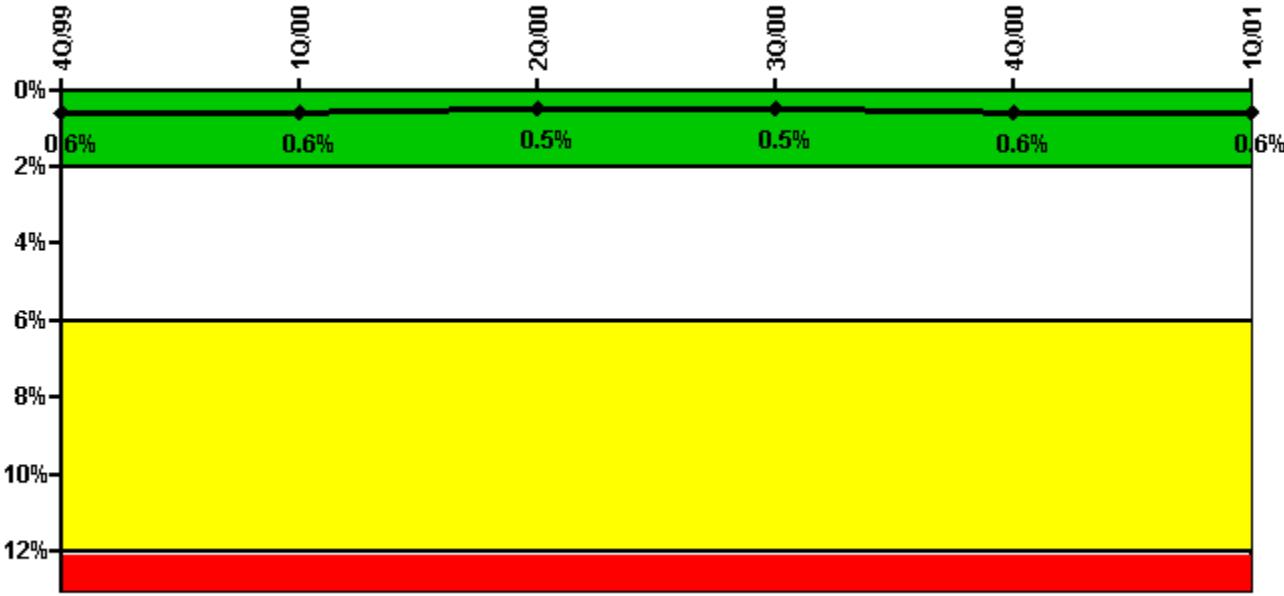
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1						
Planned unavailable hours	12.30	10.33	10.10	2.30	12.20	0.20
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1550.00
Train 2						
Planned unavailable hours	8.20	13.03	23.30	0.80	9.40	9.80
Unplanned unavailable hours	0	0	0	41.10	10.30	3.80
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1578.50
Train 3						
Planned unavailable hours	12.70	7.85	10.27	2.80	12.30	0.20
Unplanned unavailable hours	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1550.00
Train 4						
Planned unavailable hours	18.80	9.70	19.58	0.80	0.30	9.40
Unplanned unavailable hours	0	0	0	0	10.30	3.80
Fault exposure hours	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1550.00
Indicator value	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



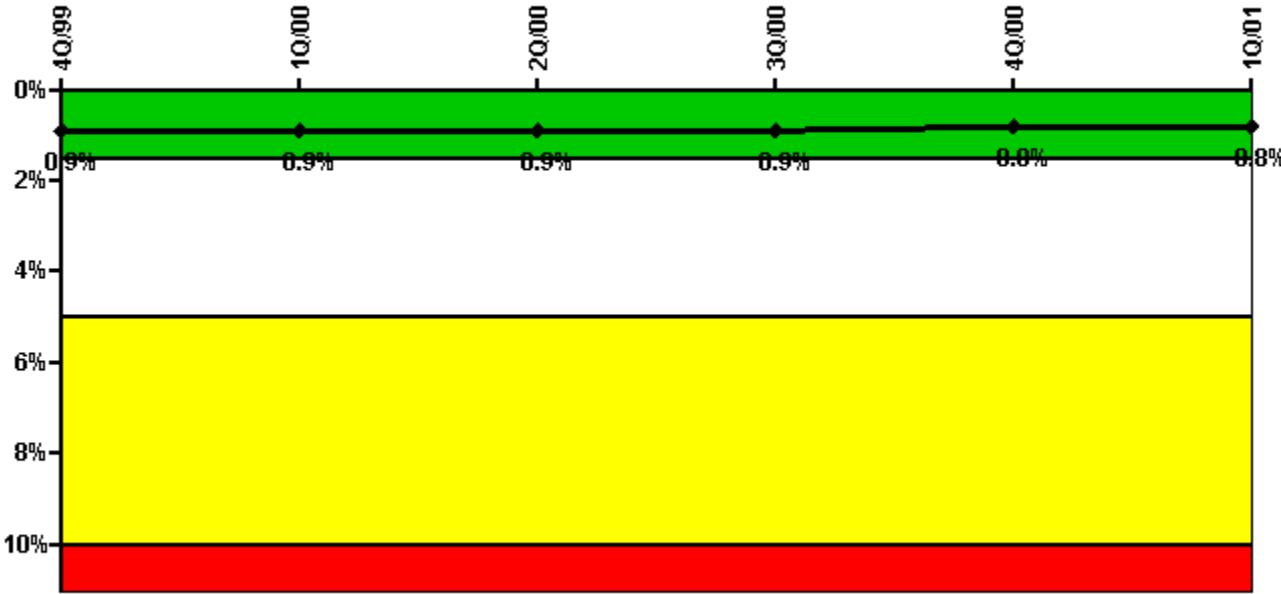
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1							
Planned unavailable hours		13.23	22.70	11.60	4.50	13.10	1.40
Unplanned unavailable hours		0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		1425.00	2184.00	2184.00	2208.00	2208.00	1549.70
Train 2							
Planned unavailable hours		12.65	19.70	2.90	11.10	1.50	14.60
Unplanned unavailable hours		0	0	0	0	10.30	3.80
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		1425.00	2184.00	2184.00	2208.00	2208.00	1549.70
Train 3							
Planned unavailable hours		10.93	12.40	1.60	1.20	1.20	2.60
Unplanned unavailable hours		0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		1425.00	2184.00	2184.00	2208.00	2208.00	1549.70
Indicator value		0.6%	0.6%	0.5%	0.5%	0.6%	0.6%

Licensee Comments: none

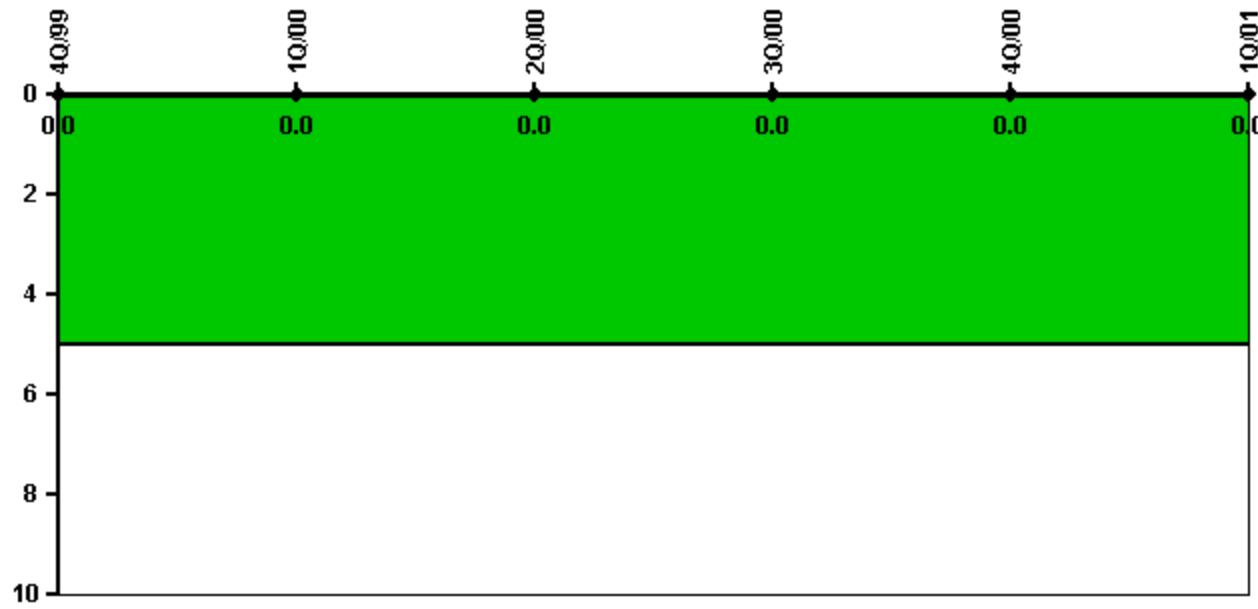
Safety System Unavailability, Residual Heat Removal System



Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Train 1							
Planned unavailable hours		27.40	30.65	10.08	17.50	17.25	4.43
Unplanned unavailable hours		0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2							
Planned unavailable hours		20.10	23.58	8.60	1.50	0	25.18
Unplanned unavailable hours		0	0	0	0	10.25	3.77
Fault exposure hours		0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.8%	0.8%

Licensee Comments: none

Safety System Functional Failures (PWR)

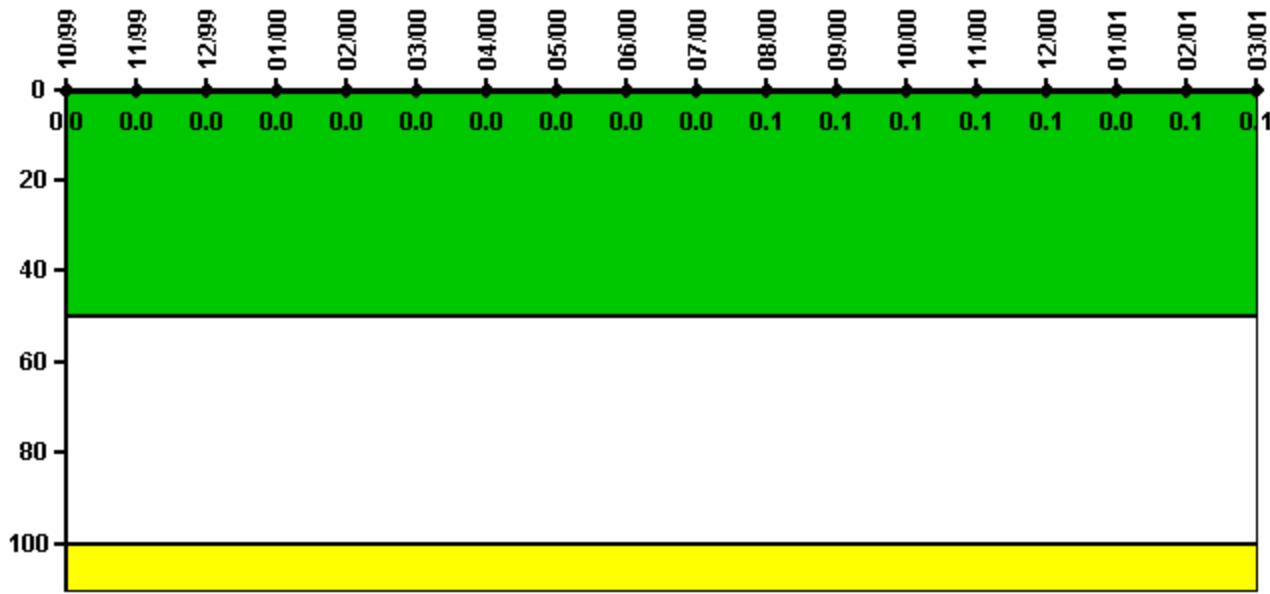
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Safety System Functional Failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

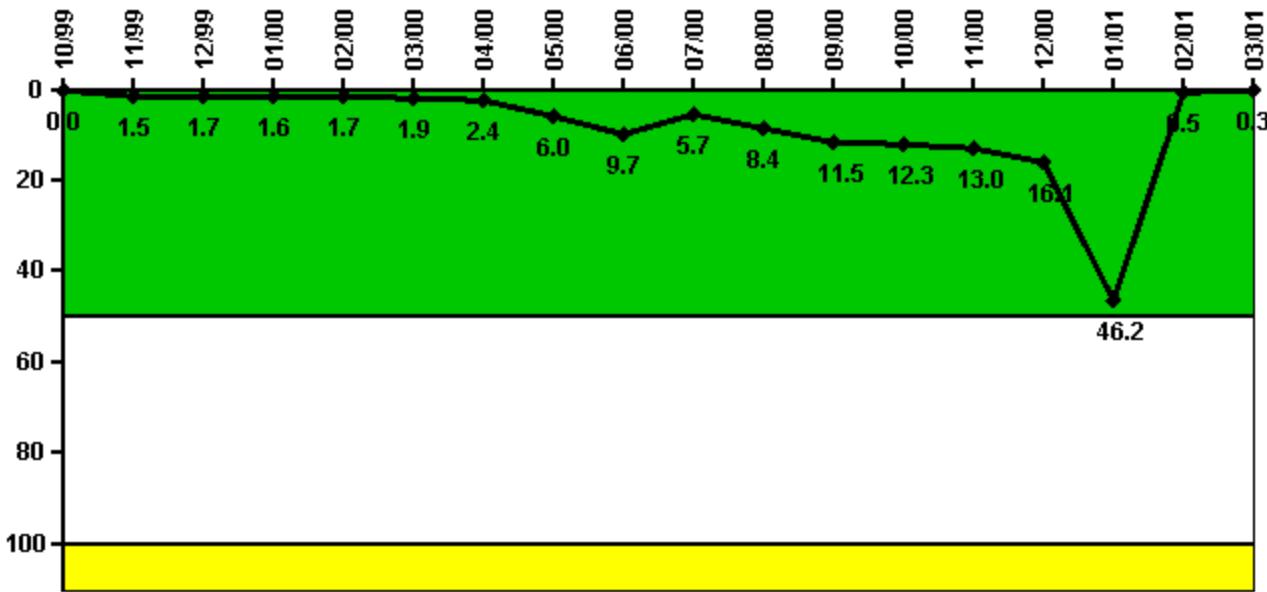
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0	0.000480	0.000350	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000540	0.000520	0.000760	0.000260	0.000650	0.000610
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



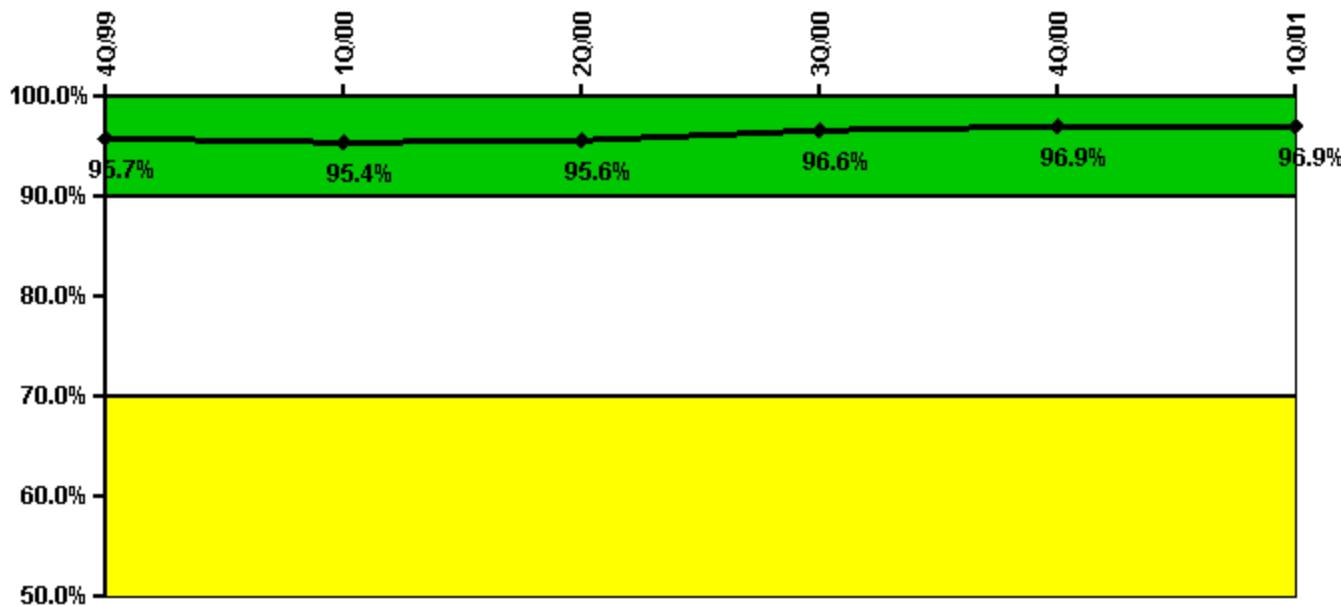
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0	0.150	0.169	0.163	0.170	0.188	0.238	0.599	0.970	0.568	0.838	1.151
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	1.5	1.7	1.6	1.7	1.9	2.4	6.0	9.7	5.7	8.4	11.5

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	1.233	1.296	1.610	4.624	0.052	0.028
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	12.3	13.0	16.1	46.2	0.5	0.3

Licensee Comments: none

Drill/Exercise Performance

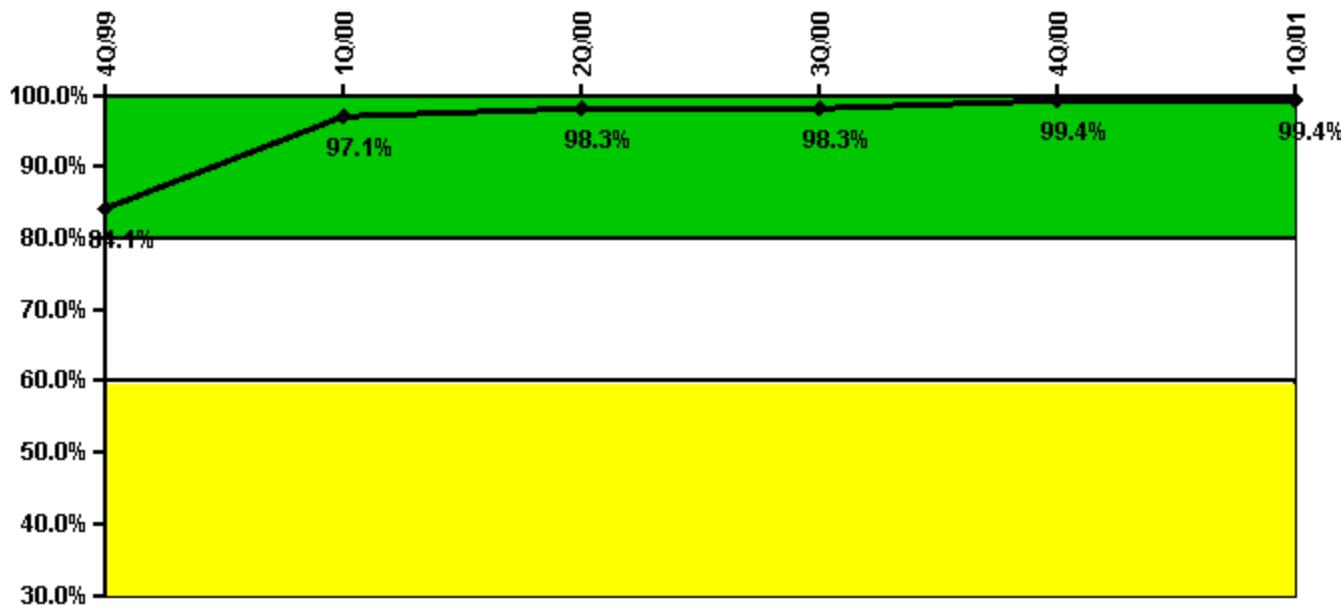
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful opportunities	17.0	56.0	25.0	0	17.0	5.0
Total opportunities	17.0	58.0	26.0	0	18.0	5.0
Indicator value	95.7%	95.4%	95.6%	96.6%	96.9%	96.9%

Licensee Comments: none

ERO Drill Participation



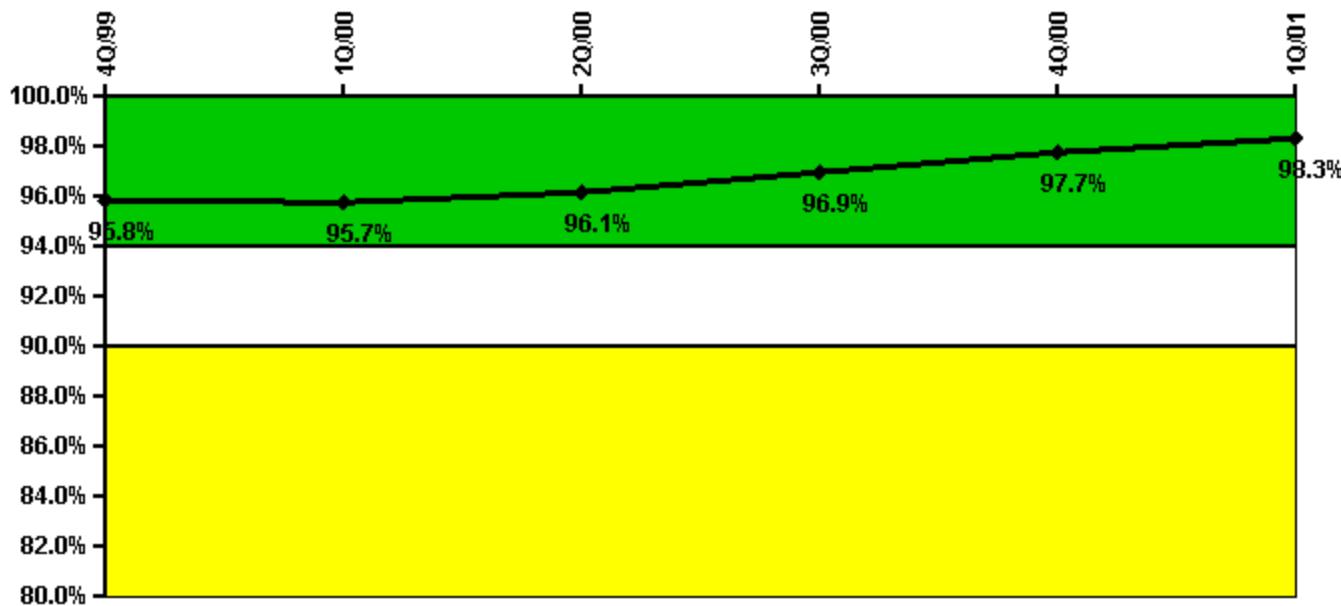
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Participating Key personnel	138.0	165.0	177.0	173.0	178.0	177.0
Total Key personnel	164.0	170.0	180.0	176.0	179.0	178.0
Indicator value	84.1%	97.1%	98.3%	98.3%	99.4%	99.4%

Licensee Comments: none

Alert & Notification System

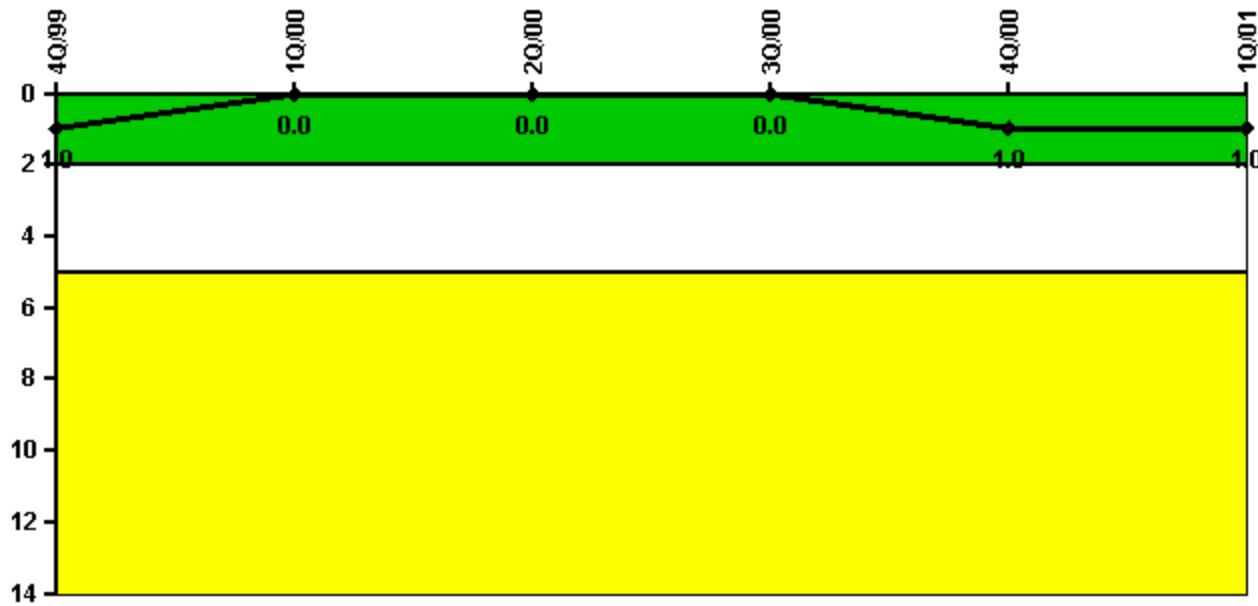


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Successful siren-tests	1386	1410	1455	1510	1460	1557
Total sirens-tests	1456	1465	1484	1540	1484	1575
Indicator value	95.8%	95.7%	96.1%	96.9%	97.7%	98.3%

Licensee Comments: none

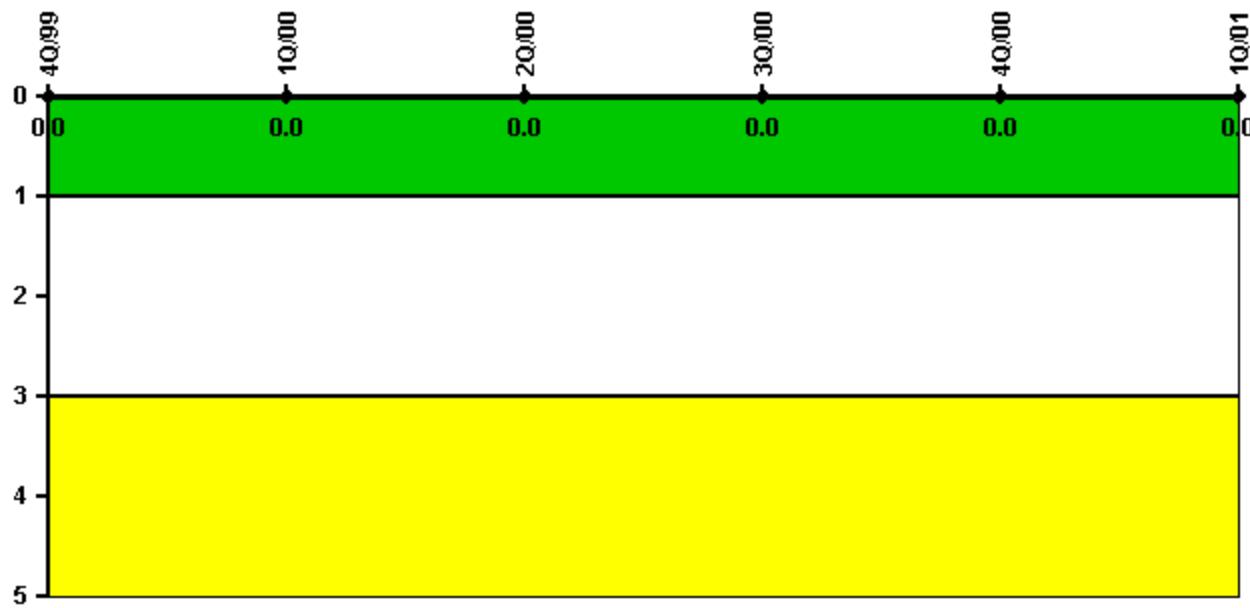
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
High radiation area occurrences	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0
Indicator value	1	0	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

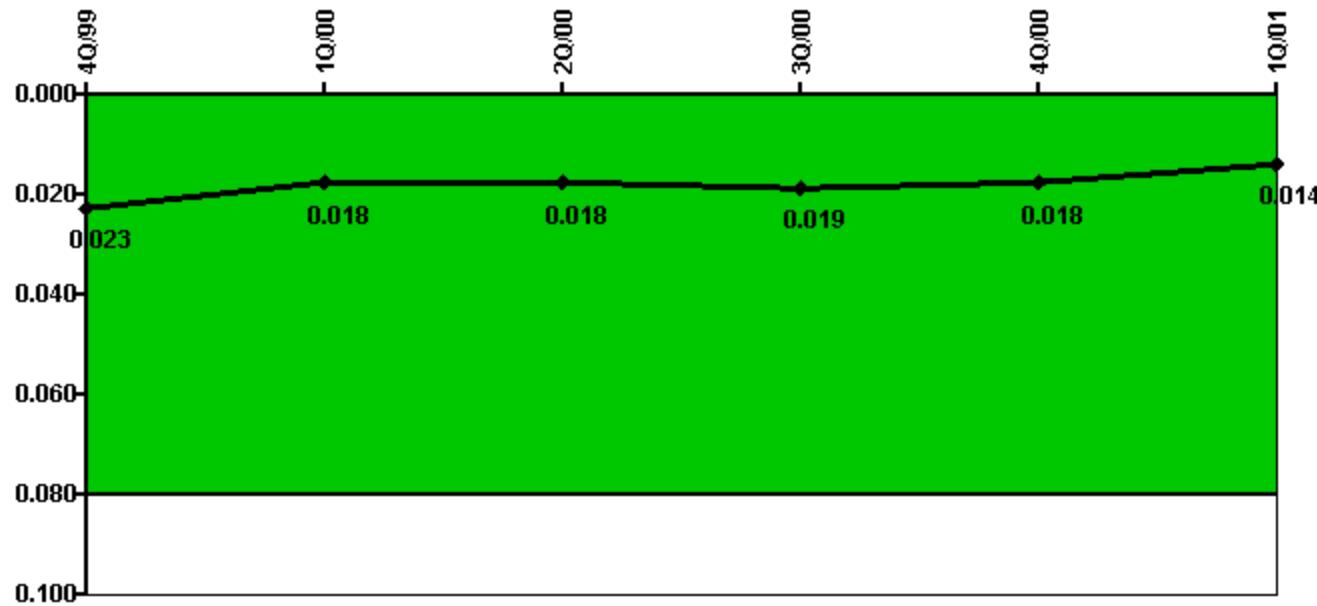
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
RETS/ODCM occurrences	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
IDS compensatory hours	122.50	165.60	83.09	142.30	50.70	21.00
CCTV compensatory hours	11.4	22.8	74.1	21.7	26.3	4.5
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.023	0.018	0.018	0.019	0.018	0.014

Licensee Comments: none

Personnel Screening Program



Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01
Program Failures	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0

Licensee Comments: none

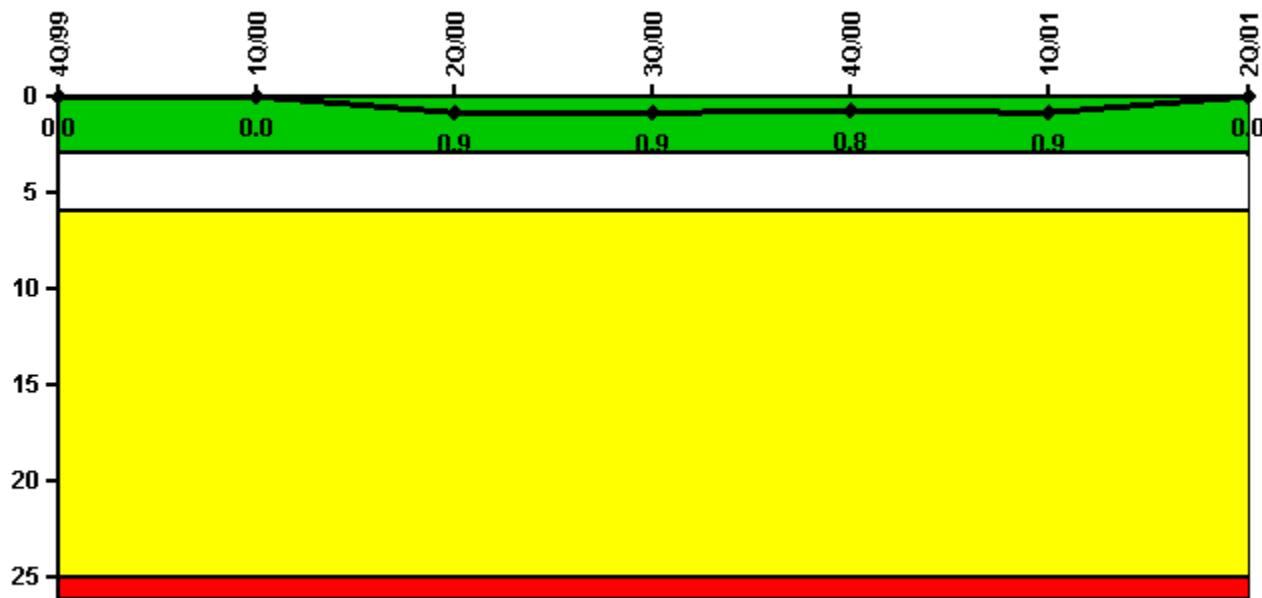


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 28, 2002

McGuire 1**2Q/2001 Performance Indicators**

Licensee's General Comments: none

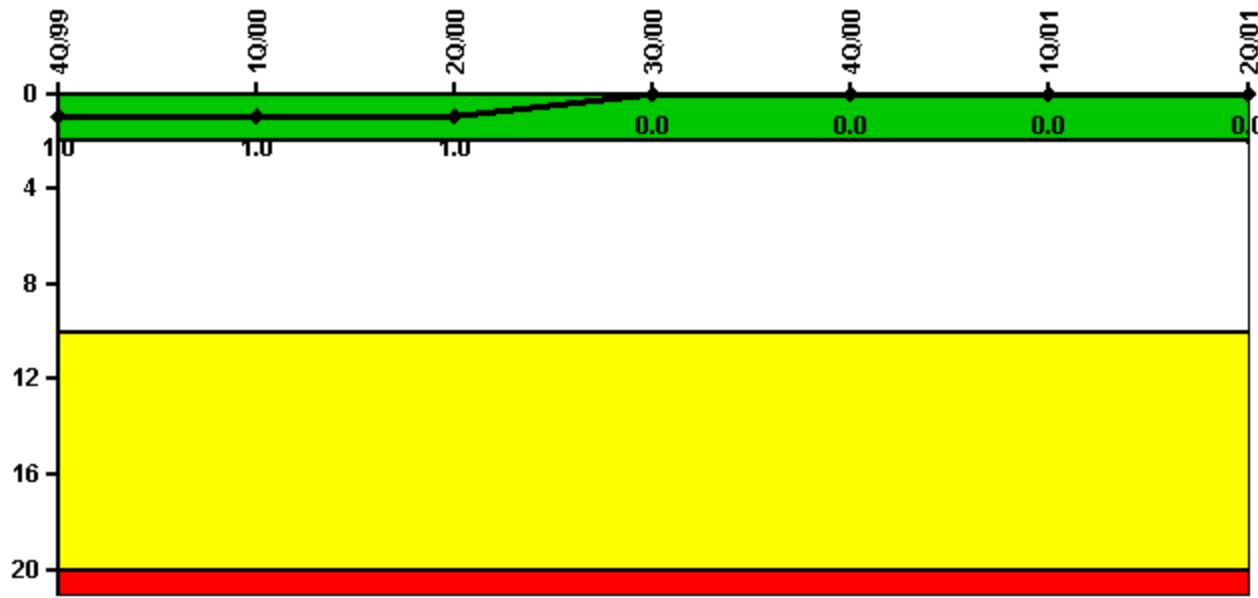
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned scrams	0	0	1.0	0	0	0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0	1505.2	1830.2
Indicator value	0	0	0.9	0.9	0.8	0.9	0

Licensee Comments: none

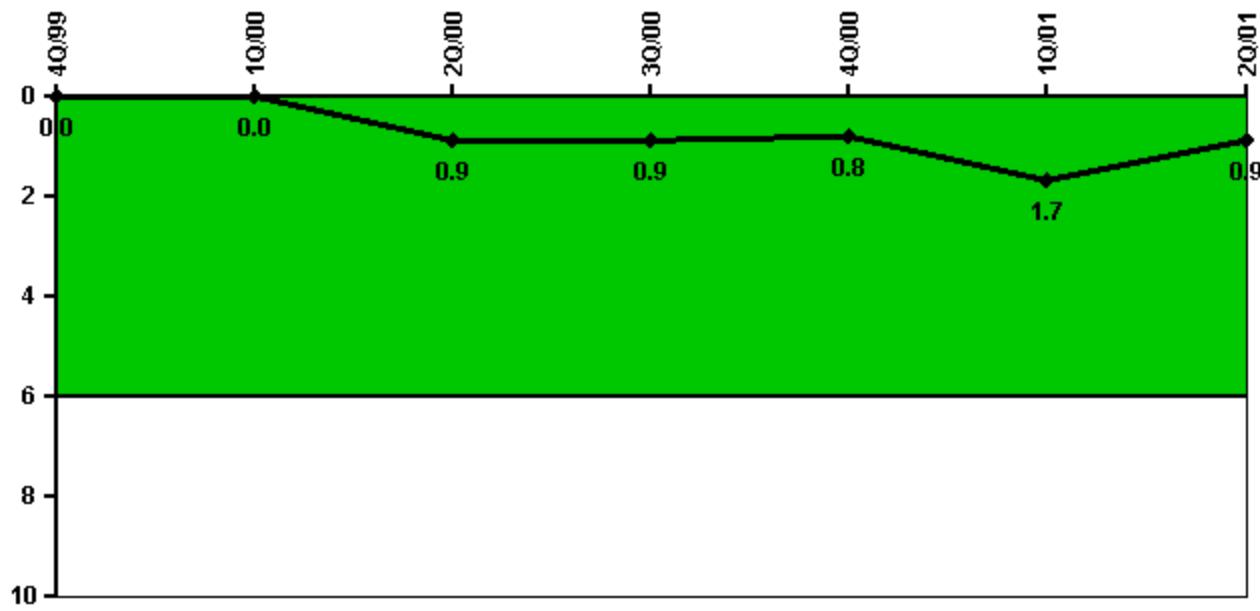
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Scrams	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

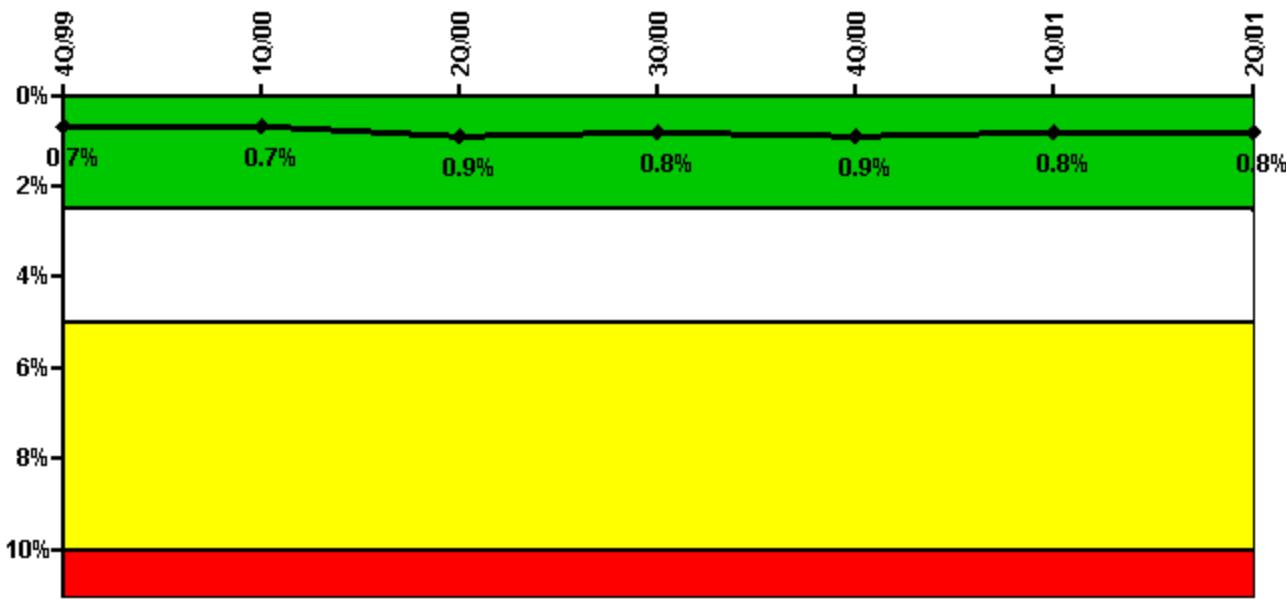
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Unplanned power changes	0	0	1.0	0	0	1.0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0	1505.2	1830.2
Indicator value	0	0	0.9	0.9	0.8	1.7	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



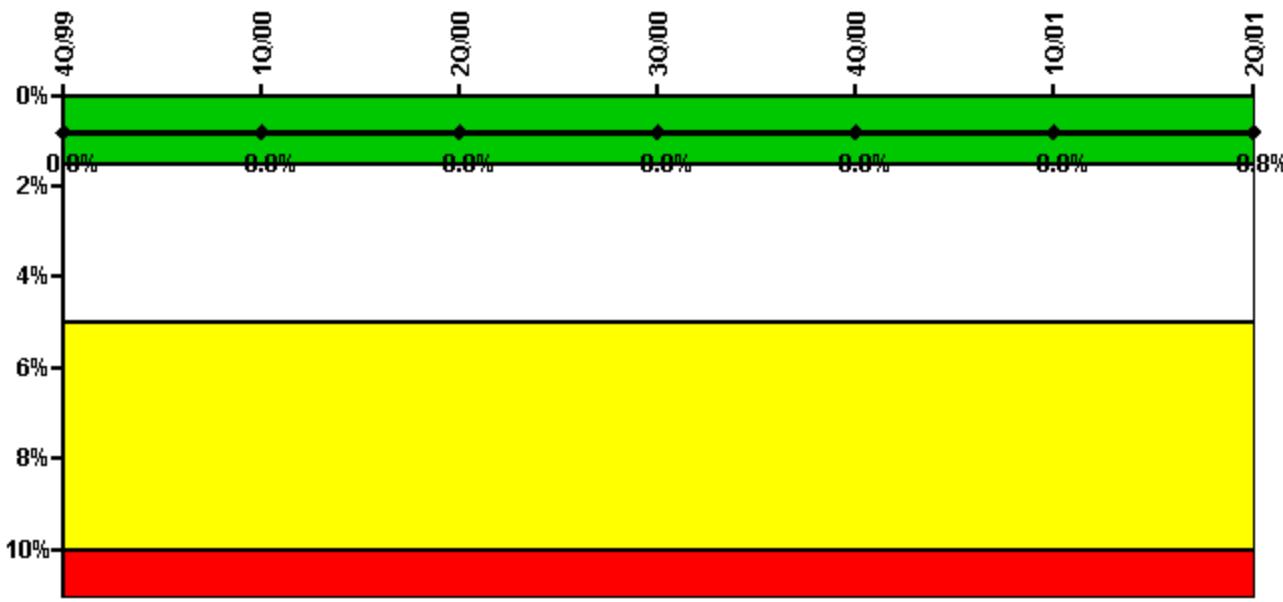
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	15.00	1.10	87.28	2.60	16.60	0.30	12.50
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2							
Planned unavailable hours	15.00	10.77	11.85	13.40	16.80	11.71	14.51
Unplanned unavailable hours	0	0	0	0	11.00	5.02	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.7%	0.7%	0.9%	0.8%	0.9%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



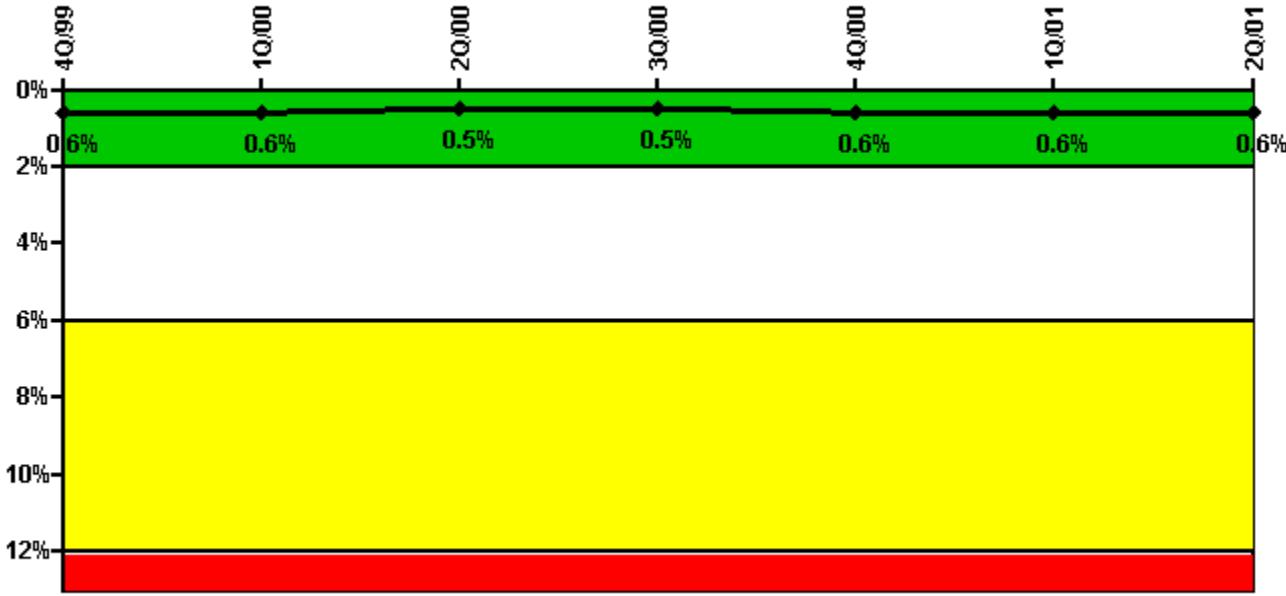
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	12.30	10.33	10.10	2.30	12.20	0.20	0.50
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1550.00	1880.80
Train 2							
Planned unavailable hours	8.20	13.03	23.30	0.80	9.40	9.80	7.50
Unplanned unavailable hours	0	0	0	41.10	10.30	3.80	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1578.50	1866.60
Train 3							
Planned unavailable hours	12.70	7.85	10.27	2.80	12.30	0.20	2.90
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1550.00	1866.60
Train 4							
Planned unavailable hours	18.80	9.70	19.58	0.80	0.30	9.40	20.70
Unplanned unavailable hours	0	0	0	0	10.30	3.80	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1427.00	2184.00	2183.00	2208.00	2209.00	1550.00	1866.60
Indicator value	0.8%						

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



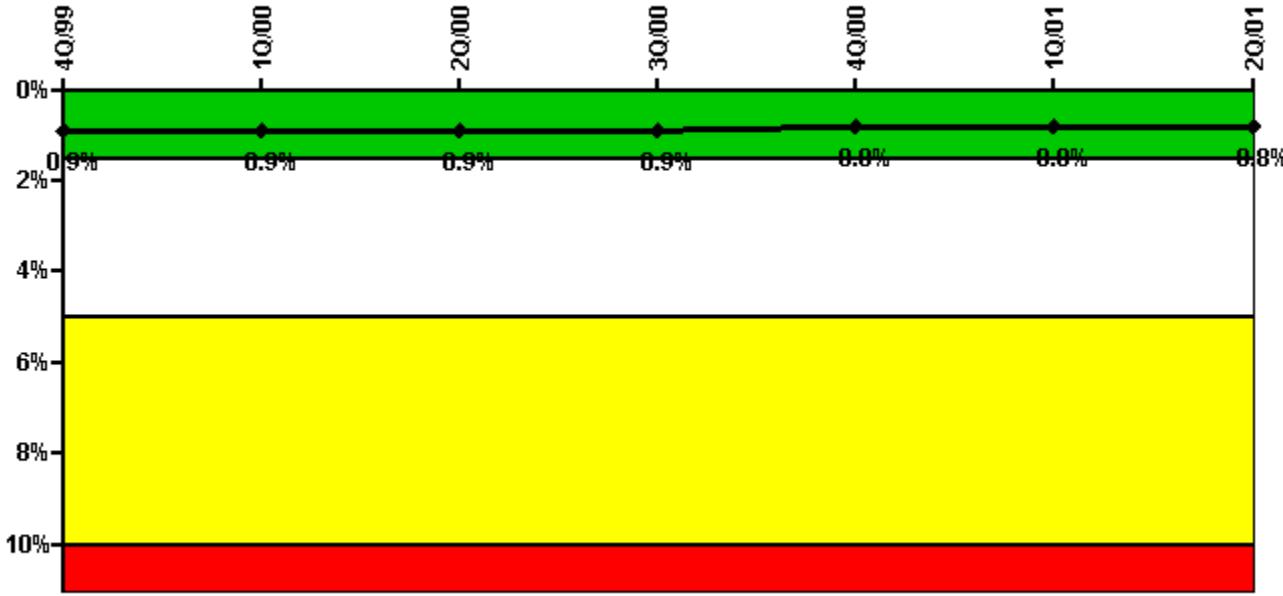
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)							
	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1							
Planned unavailable hours	13.23	22.70	11.60	4.50	13.10	1.40	9.30
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60
Train 2							
Planned unavailable hours	12.65	19.70	2.90	11.10	1.50	14.60	8.70
Unplanned unavailable hours	0	0	0	0	10.30	3.80	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60
Train 3							
Planned unavailable hours	10.93	12.40	1.60	1.20	1.20	2.60	2.90
Unplanned unavailable hours	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60
Indicator value	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

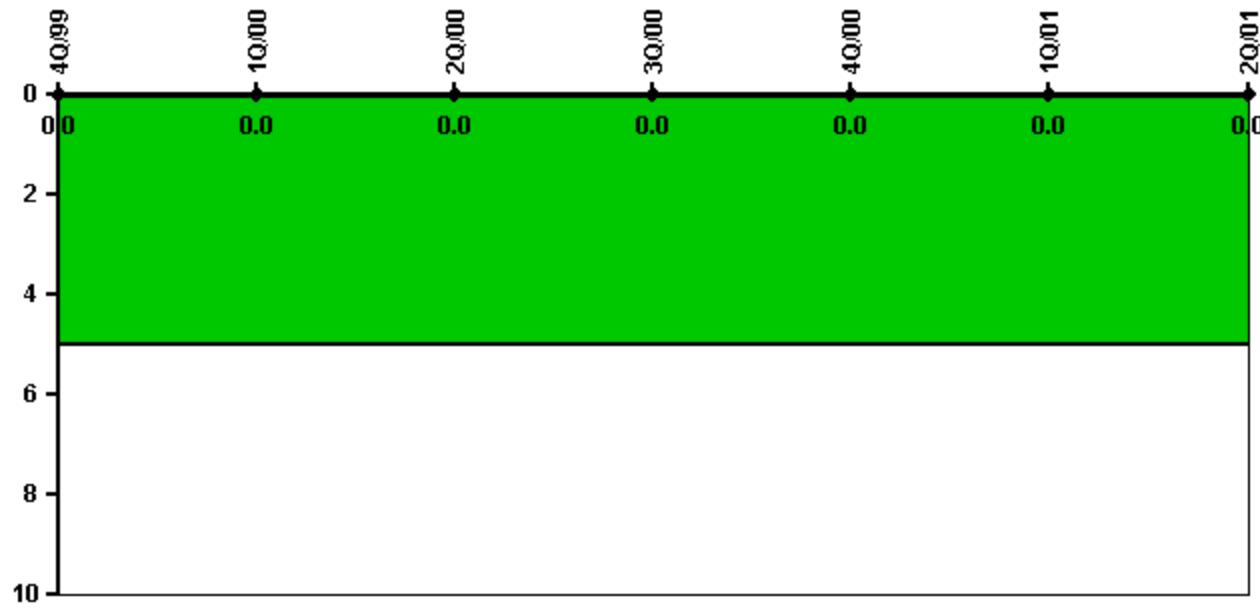


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Train 1								
Planned unavailable hours		27.40	30.65	10.08	17.50	17.25	4.43	10.18
Unplanned unavailable hours		0	0	0	0	0	0	0.83
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours		20.10	23.58	8.60	1.50	0	25.18	16.58
Unplanned unavailable hours		0	0	0	0	10.25	3.77	0
Fault exposure hours		0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Functional Failures (PWR)

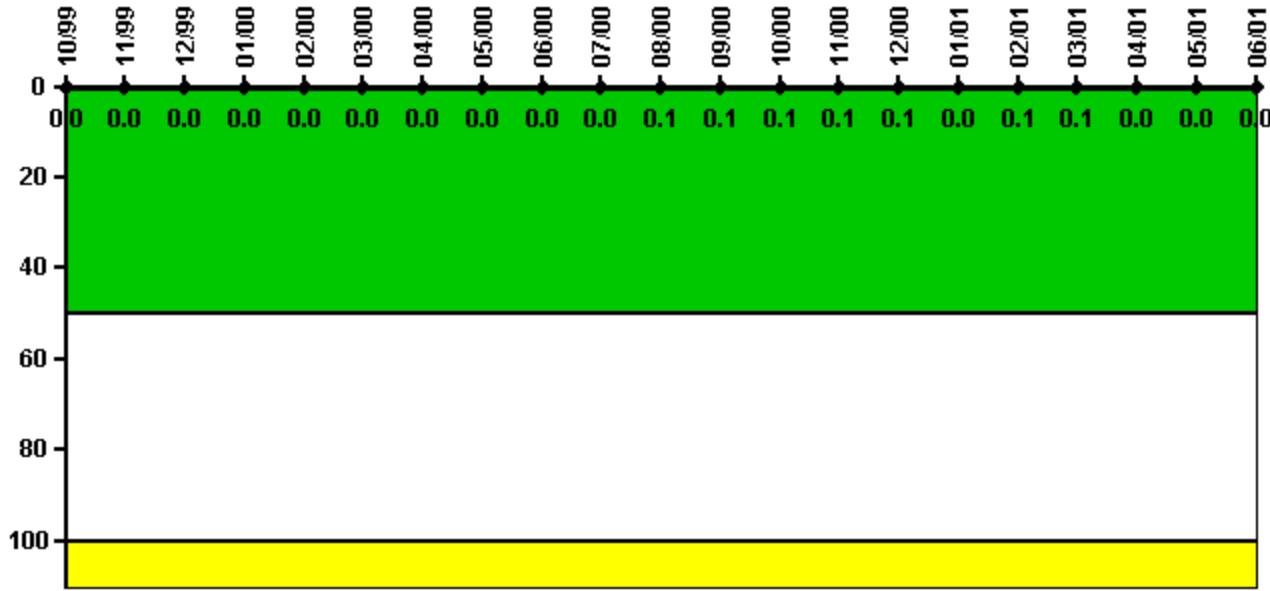
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Safety System Functional Failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

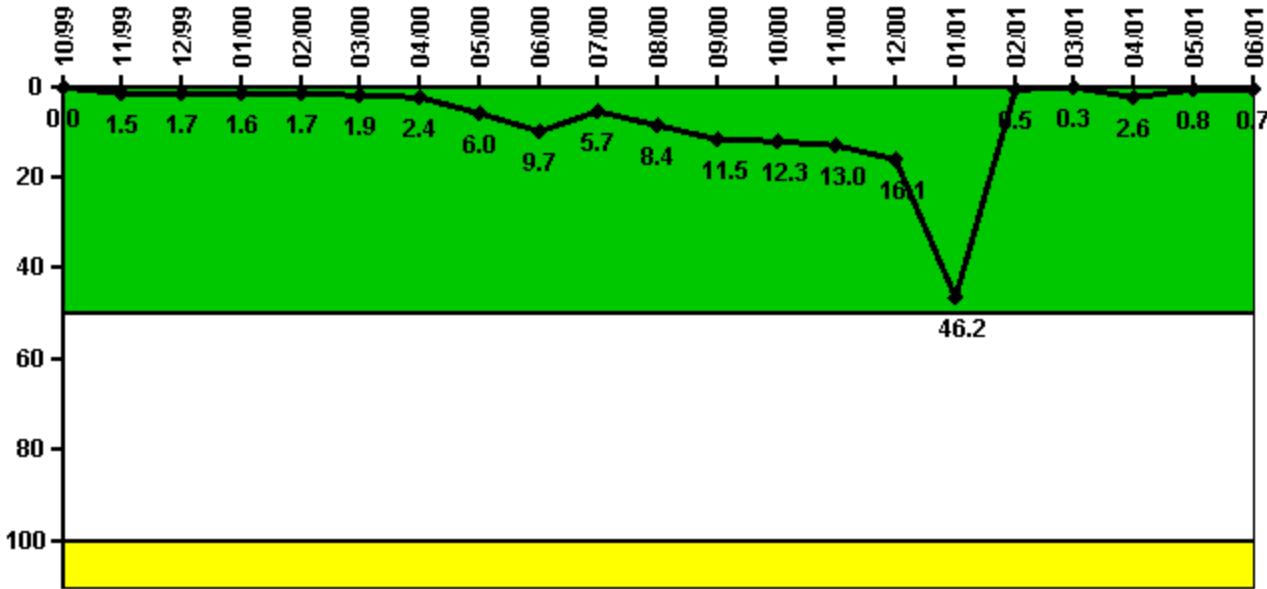
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0	0.000480	0.000350	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000540	0.000520	0.000760	0.000260	0.000650	0.000610	0.000360	0.000420	0.000480
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



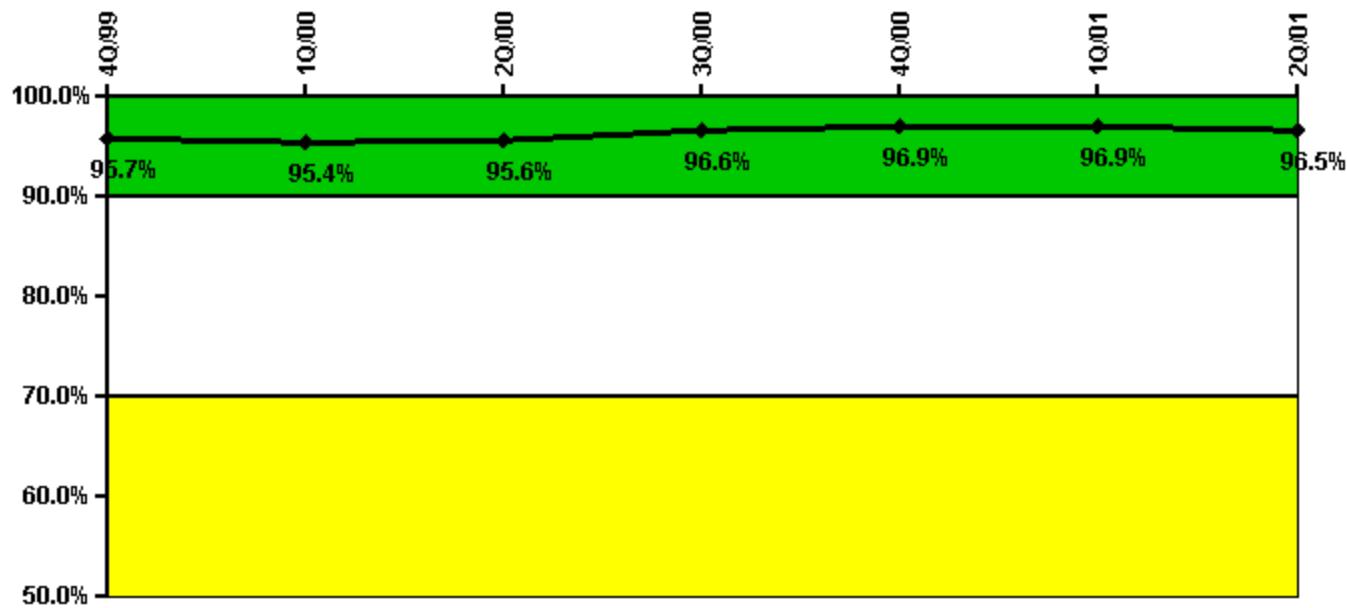
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0	0.150	0.169	0.163	0.170	0.188	0.238	0.599	0.970	0.568	0.838	1.151
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	1.5	1.7	1.6	1.7	1.9	2.4	6.0	9.7	5.7	8.4	11.5

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	1.233	1.296	1.610	4.624	0.052	0.028	0.264	0.082	0.066
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	12.3	13.0	16.1	46.2	0.5	0.3	2.6	0.8	0.7

Licensee Comments: none

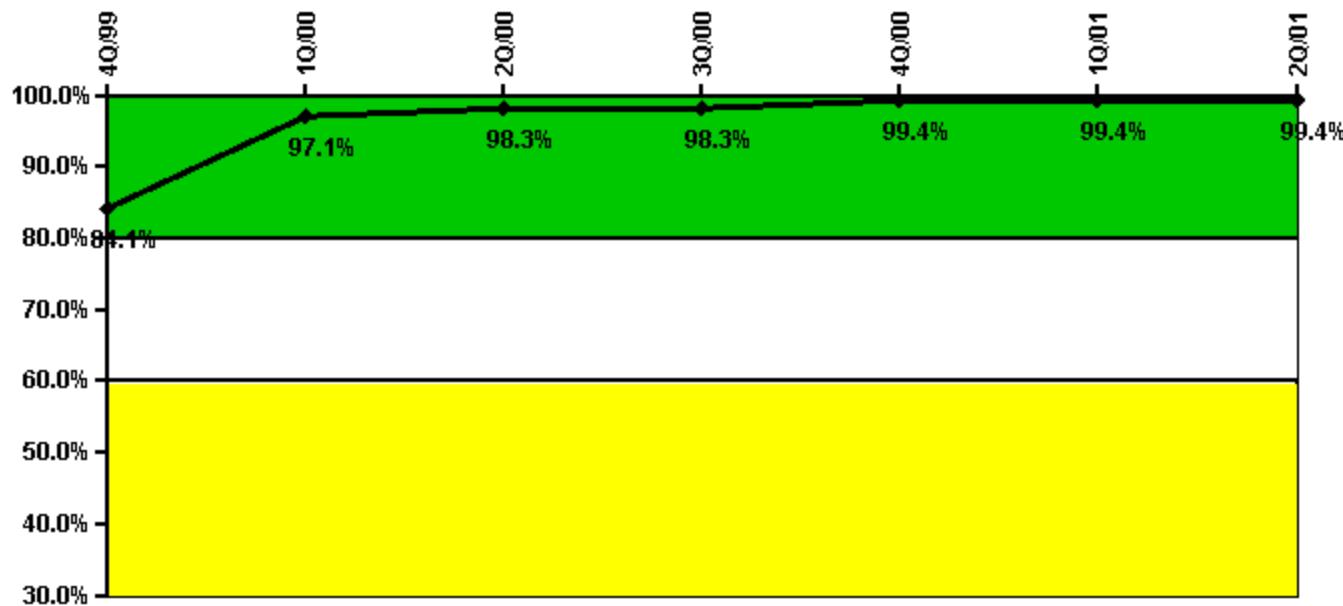
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful opportunities	17.0	56.0	25.0	0	17.0	5.0	11.0
Total opportunities	17.0	58.0	26.0	0	18.0	5.0	11.0
Indicator value	95.7%	95.4%	95.6%	96.6%	96.9%	96.9%	96.5%

Licensee Comments: none

ERO Drill Participation

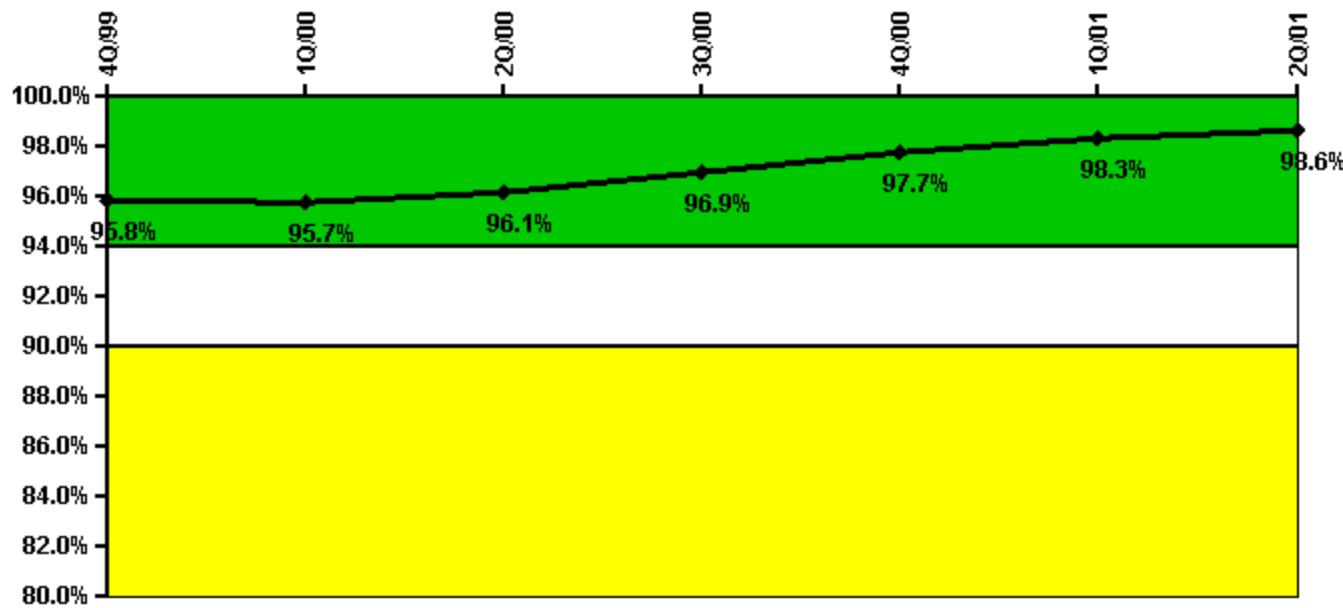
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Participating Key personnel	138.0	165.0	177.0	173.0	178.0	177.0	174.0
Total Key personnel	164.0	170.0	180.0	176.0	179.0	178.0	175.0
Indicator value	84.1%	97.1%	98.3%	98.3%	99.4%	99.4%	99.4%

Licensee Comments: none

Alert & Notification System

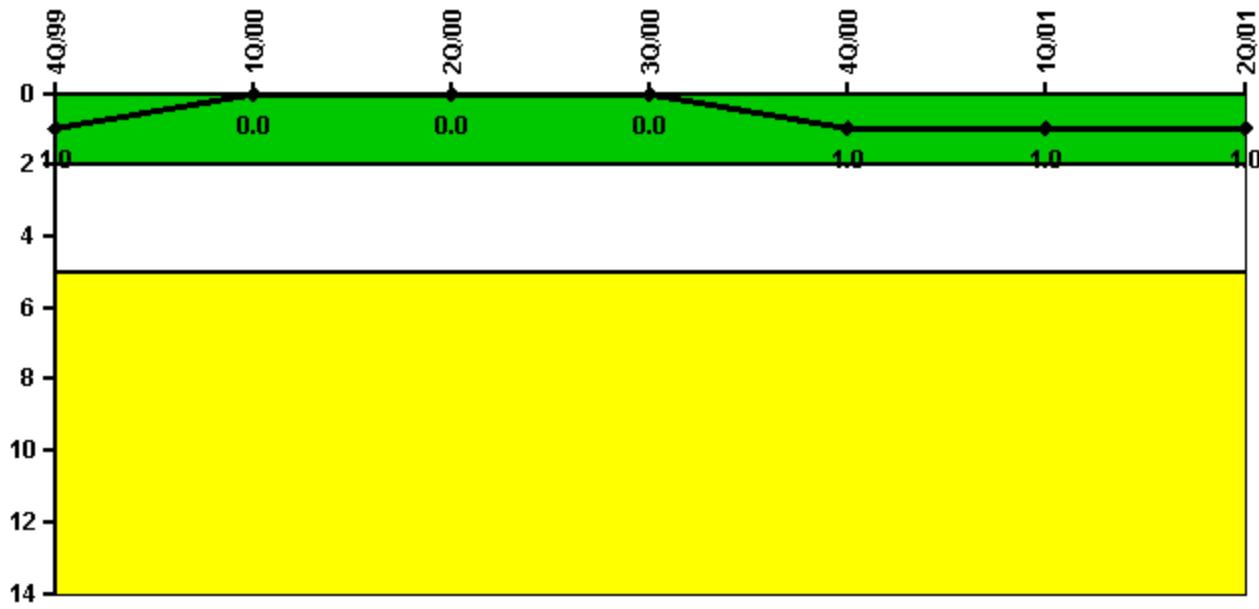


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Successful siren-tests	1386	1410	1455	1510	1460	1557	1726
Total sirens-tests	1456	1465	1484	1540	1484	1575	1742
Indicator value	95.8%	95.7%	96.1%	96.9%	97.7%	98.3%	98.6%

Licensee Comments: none

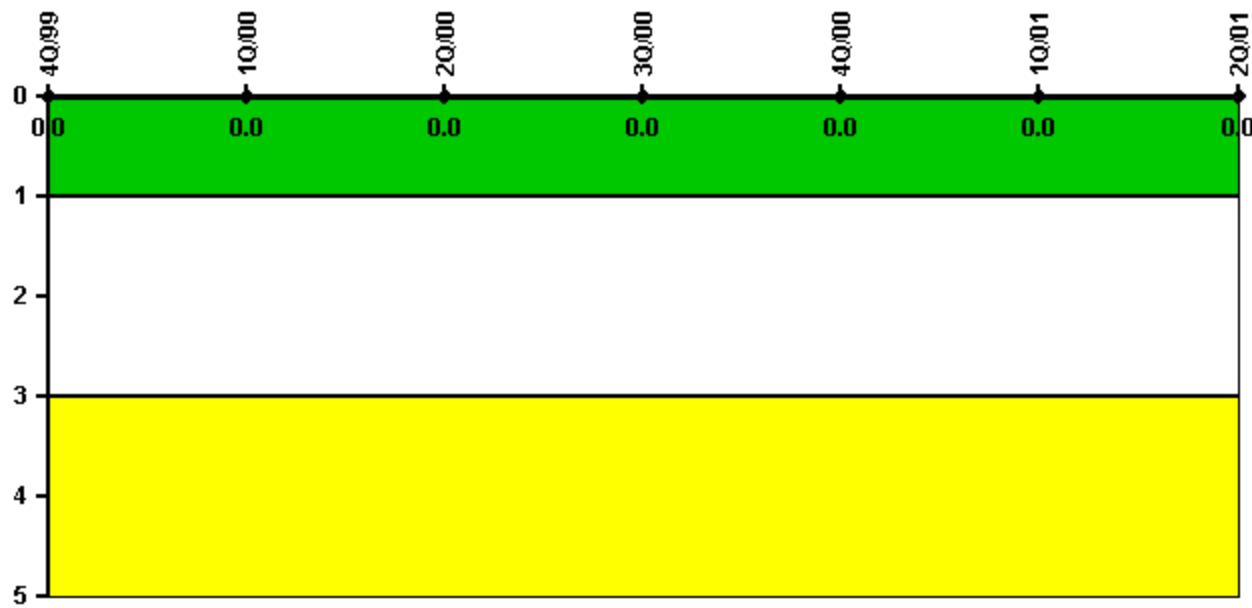
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
High radiation area occurrences	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0
Indicator value	1	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

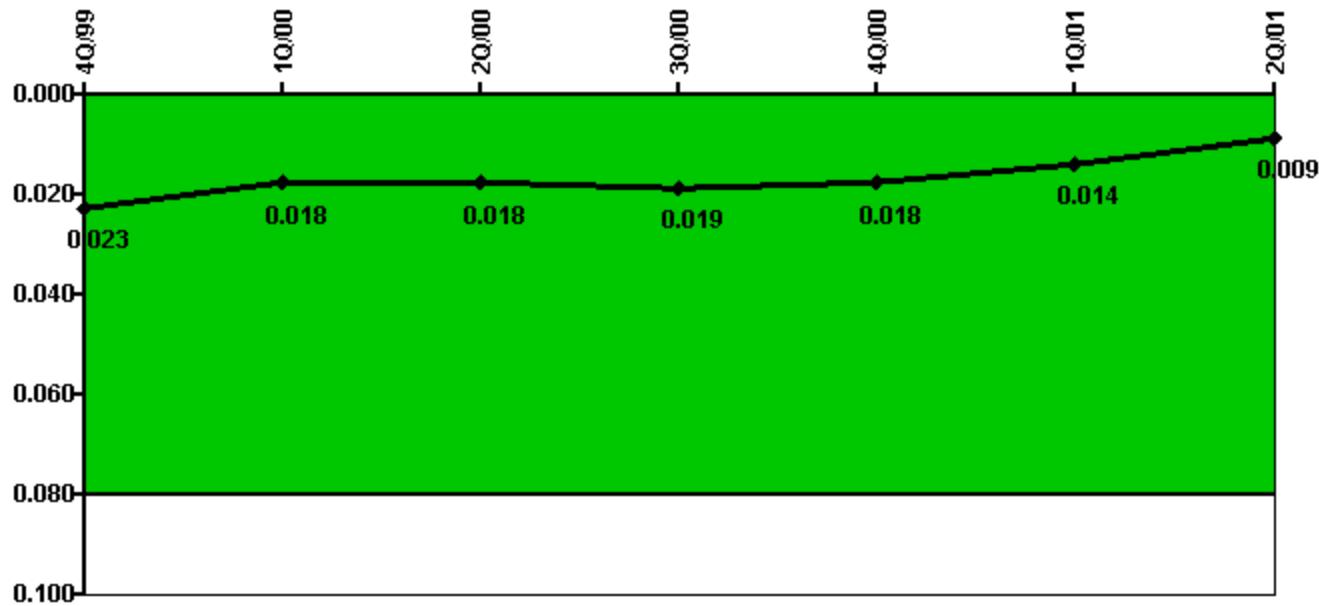
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
IDS compensatory hours	122.50	165.60	83.09	142.30	50.70	21.00	67.00
CCTV compensatory hours	11.4	22.8	74.1	21.7	26.3	4.5	0
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.023	0.018	0.018	0.019	0.018	0.014	0.009

Licensee Comments: none

Personnel Screening Program

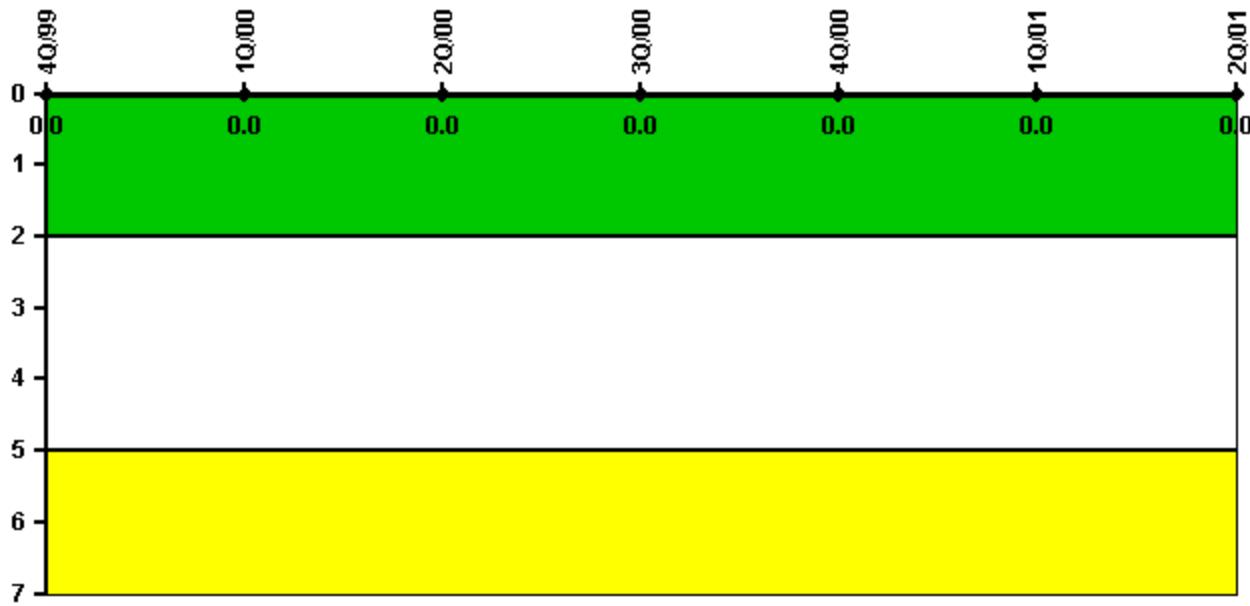


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01
Program Failures	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0

Licensee Comments: none

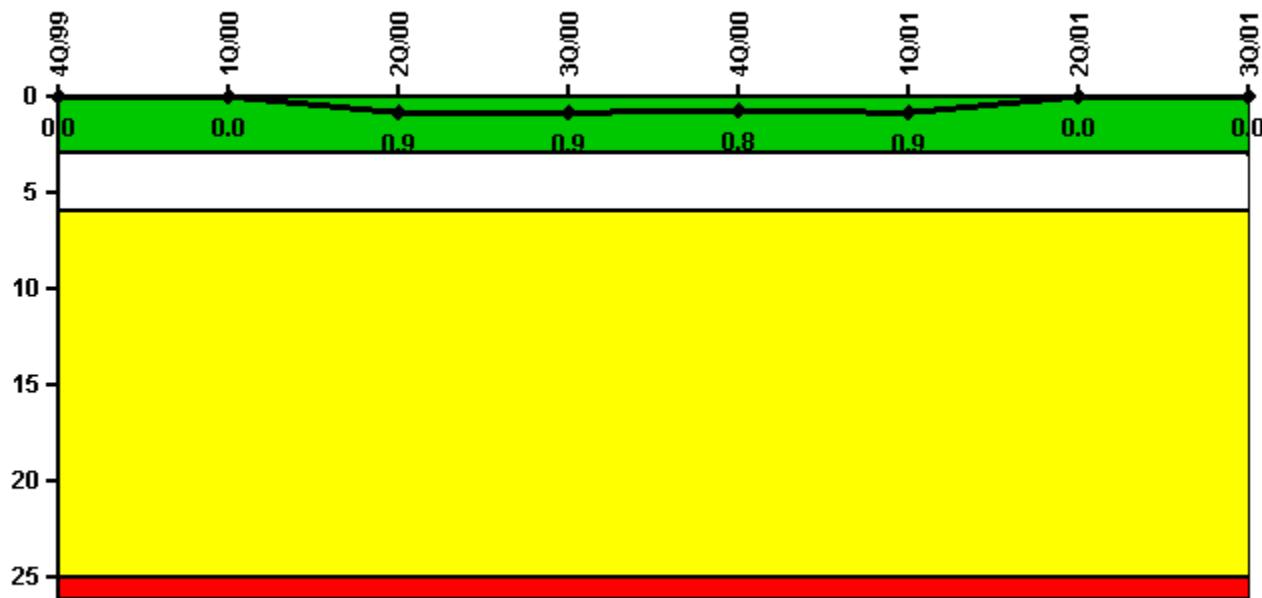


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 27, 2002

McGuire 1**3Q/2001 Performance Indicators**

Licensee's General Comments: none

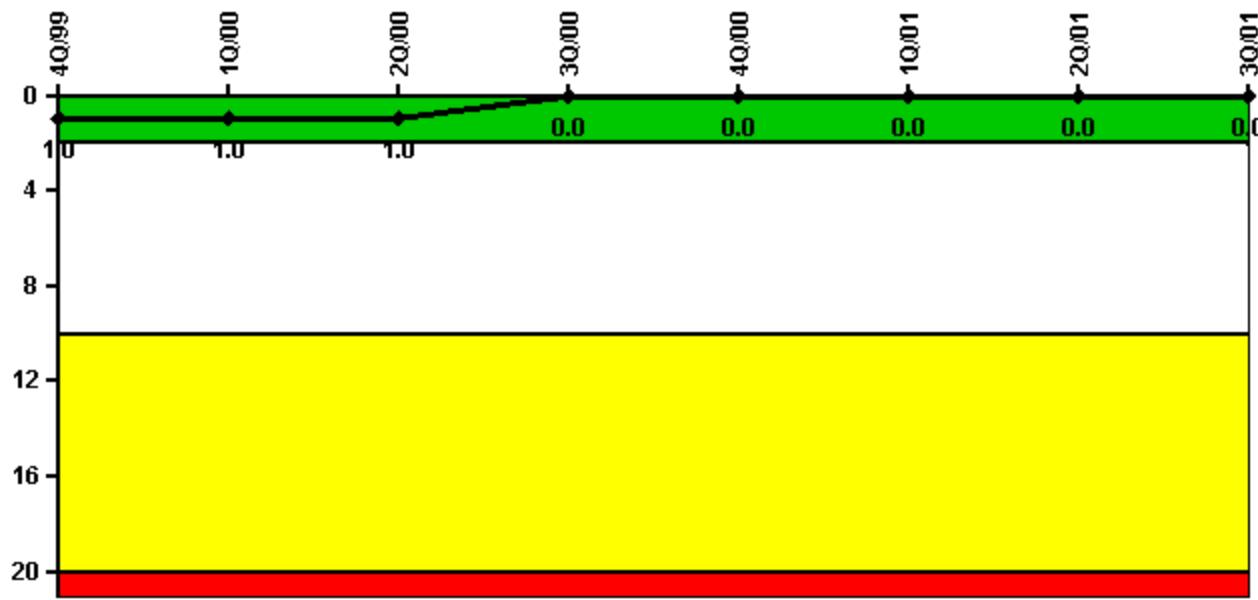
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0	1505.2	1830.2	2208.0
Indicator value	0	0	0.9	0.9	0.8	0.9	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

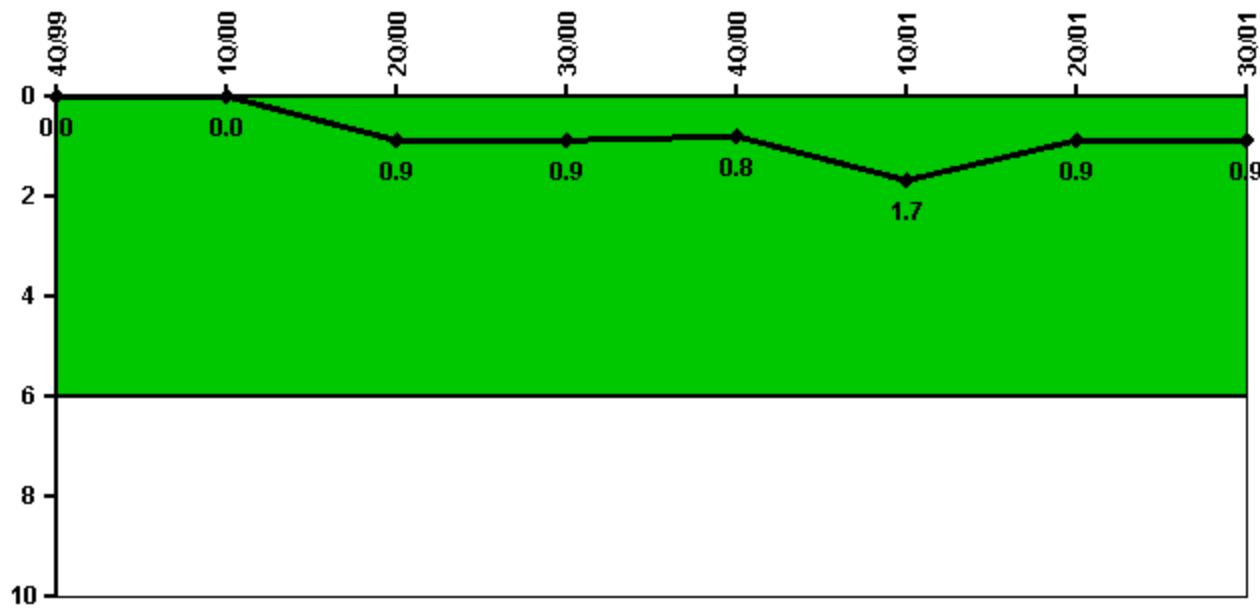
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	1.0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



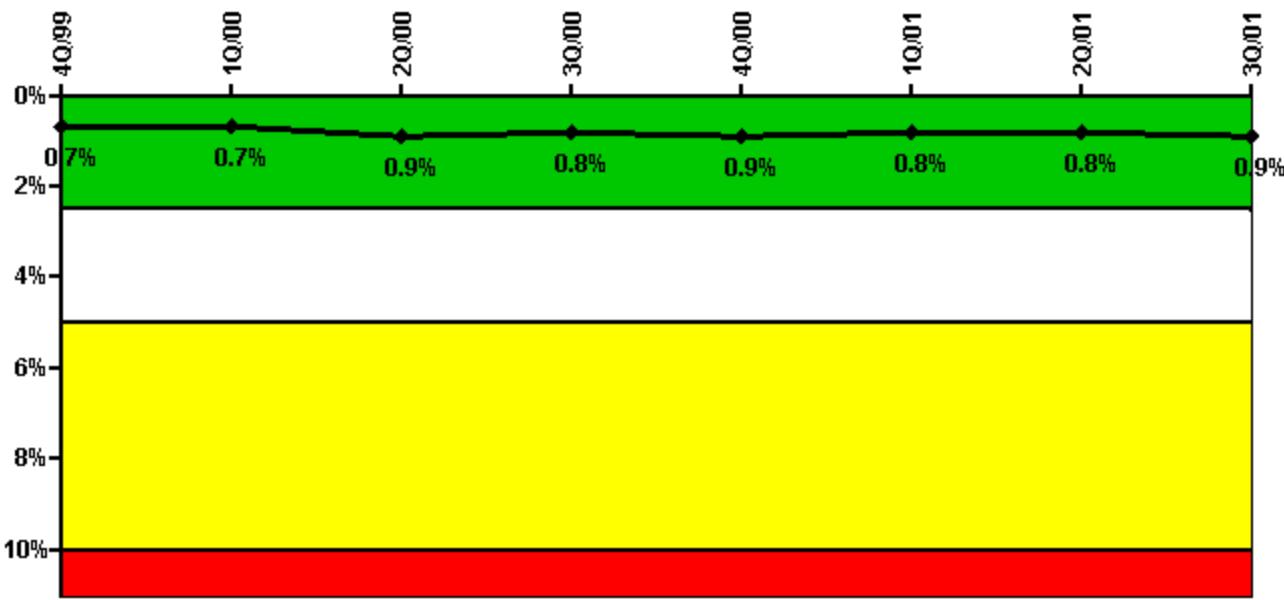
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Unplanned power changes	0	0	1.0	0	0	1.0	0	0
Critical hours	1351.3	2184.0	2150.0	2208.0	2209.0	1505.2	1830.2	2208.0
Indicator value	0	0	0.9	0.9	0.8	1.7	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



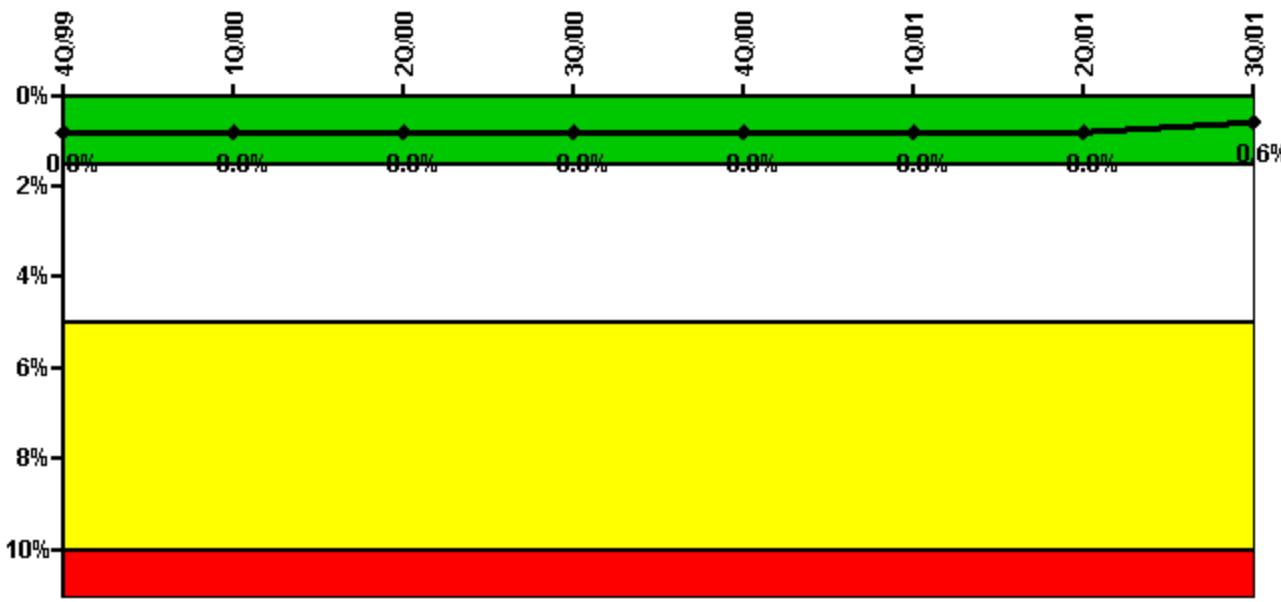
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	15.00	1.10	87.28	2.60	16.60	0.30	12.50	13.74
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	15.00	10.77	11.85	13.40	16.80	11.71	14.51	2.60
Unplanned unavailable hours	0	0	0	0	11.00	5.02	0	21.00
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.7%	0.7%	0.9%	0.8%	0.9%	0.8%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



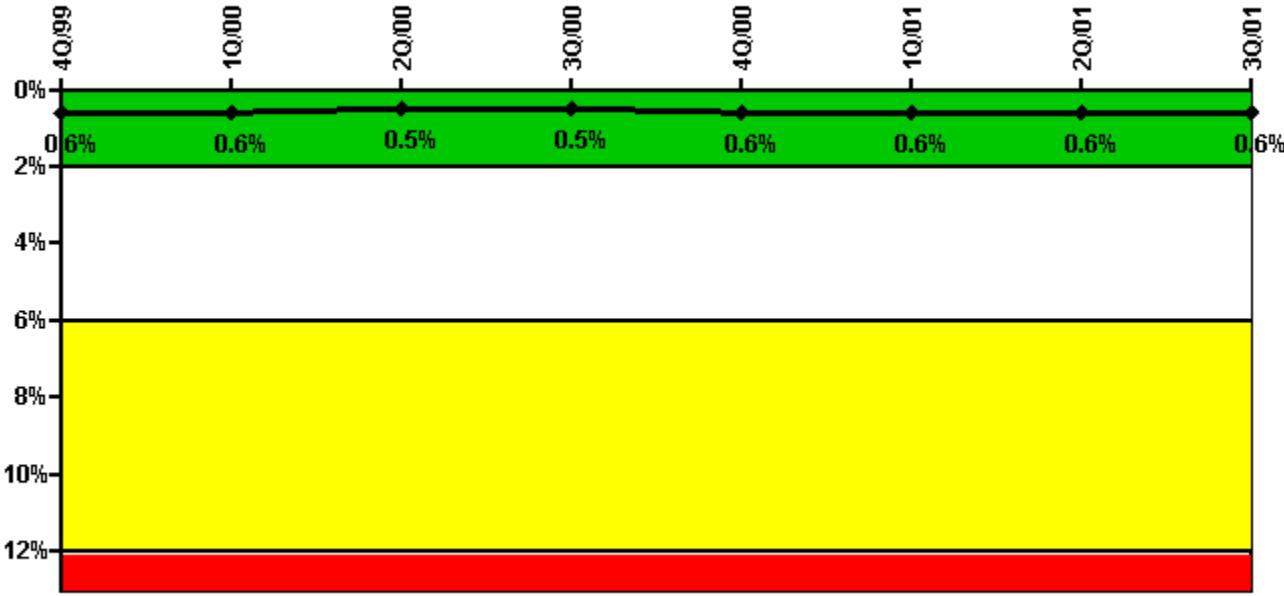
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1									
Planned unavailable hours		12.30	10.33	10.10	2.30	12.20	0.20	0.50	0.20
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00	1550.00	1880.80	2208.00
Train 2									
Planned unavailable hours		8.20	13.03	23.30	0.80	9.40	9.80	7.50	0.30
Unplanned unavailable hours		0	0	0	41.10	10.30	3.80	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00	1578.50	1866.60	2208.00
Train 3									
Planned unavailable hours		12.70	7.85	10.27	2.80	12.30	0.20	2.90	4.60
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00	1550.00	1866.60	2208.00
Train 4									
Planned unavailable hours		18.80	9.70	19.58	0.80	0.30	9.40	20.70	0
Unplanned unavailable hours		0	0	0	0	10.30	3.80	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1427.00	2184.00	2183.00	2208.00	2209.00	1550.00	1866.60	2208.00
Indicator value		0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



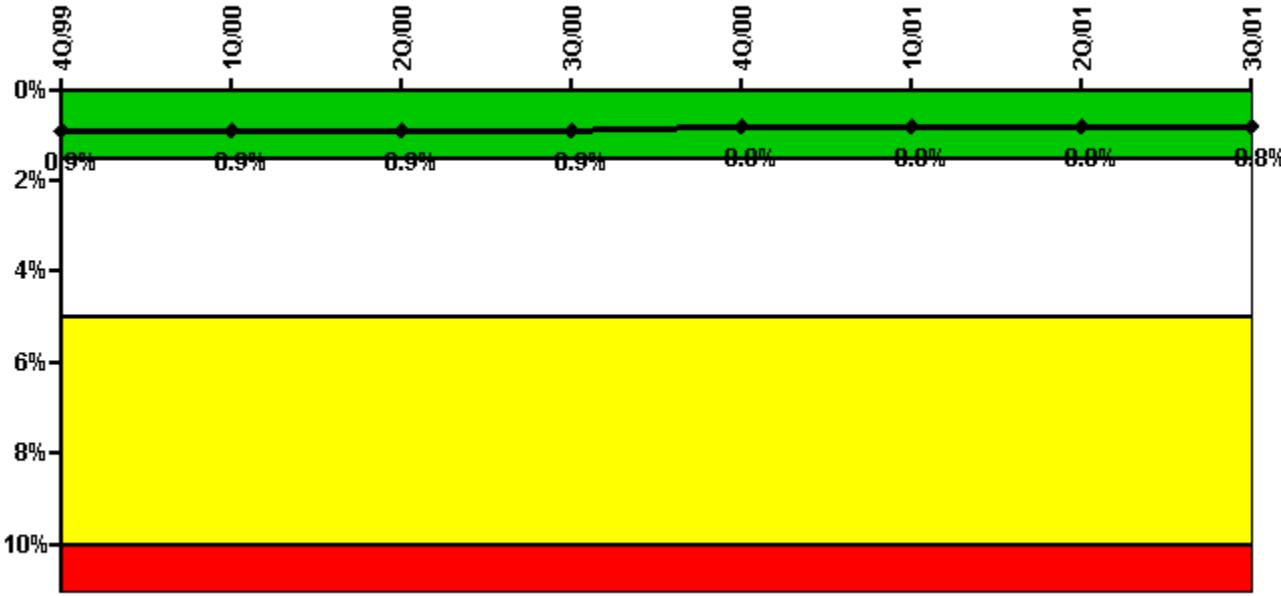
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)								
	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1								
Planned unavailable hours	13.23	22.70	11.60	4.50	13.10	1.40	9.30	1.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00
Train 2								
Planned unavailable hours	12.65	19.70	2.90	11.10	1.50	14.60	8.70	5.00
Unplanned unavailable hours	0	0	0	0	10.30	3.80	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00
Train 3								
Planned unavailable hours	10.93	12.40	1.60	1.20	1.20	2.60	2.90	10.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1425.00	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

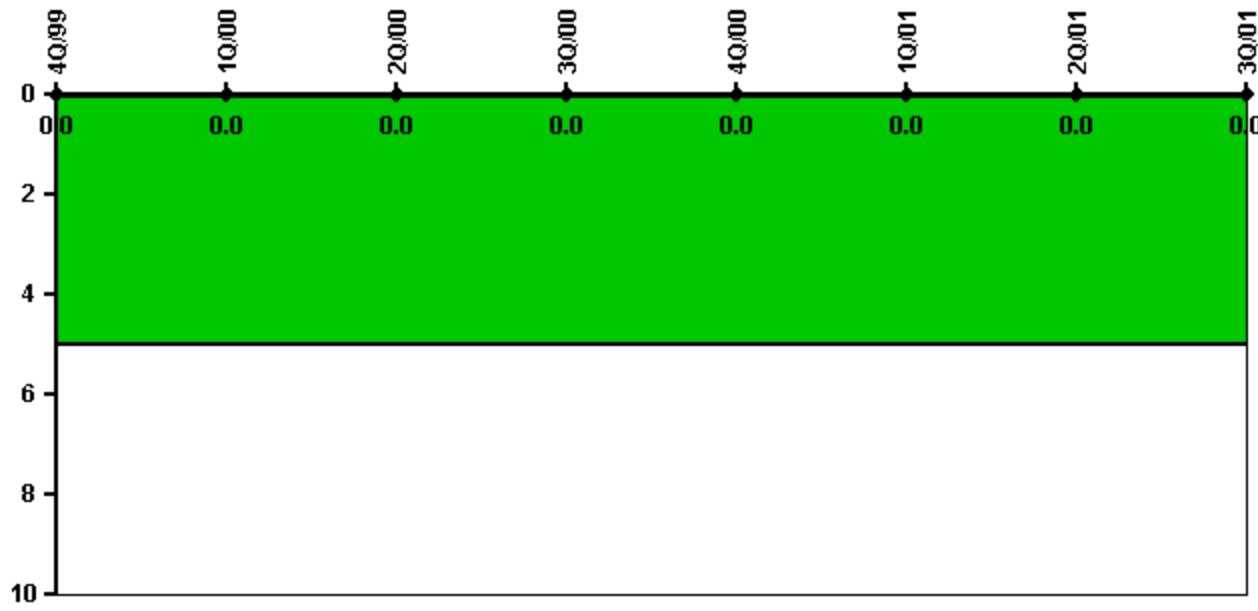


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Train 1									
Planned unavailable hours		27.40	30.65	10.08	17.50	17.25	4.43	10.18	0
Unplanned unavailable hours		0	0	0	0	0	0	0.83	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2									
Planned unavailable hours		20.10	23.58	8.60	1.50	0	25.18	16.58	2.47
Unplanned unavailable hours		0	0	0	0	10.25	3.77	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		1626.90	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value		0.9%	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Functional Failures (PWR)

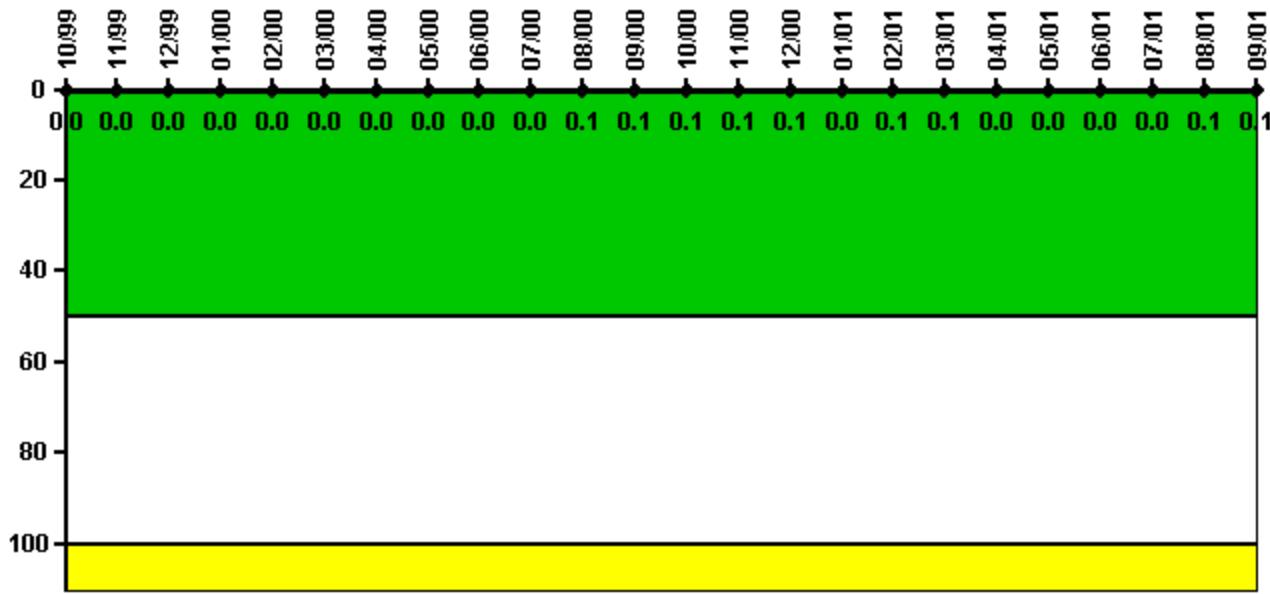
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

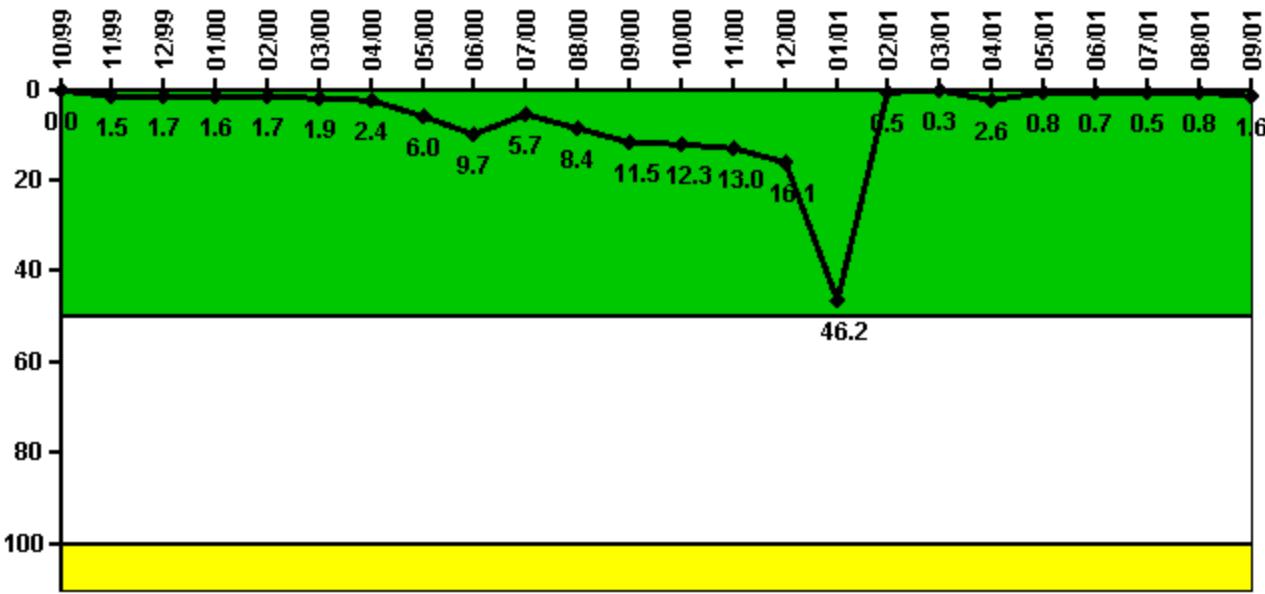
Notes

Reactor Coolant System Activity	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum activity	0	0.000480	0.000350	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0.1	0.1

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000540	0.000520	0.000760	0.000260	0.000650	0.000610	0.000360	0.000420	0.000480	0.000490	0.000540	0.000510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1	0	0	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



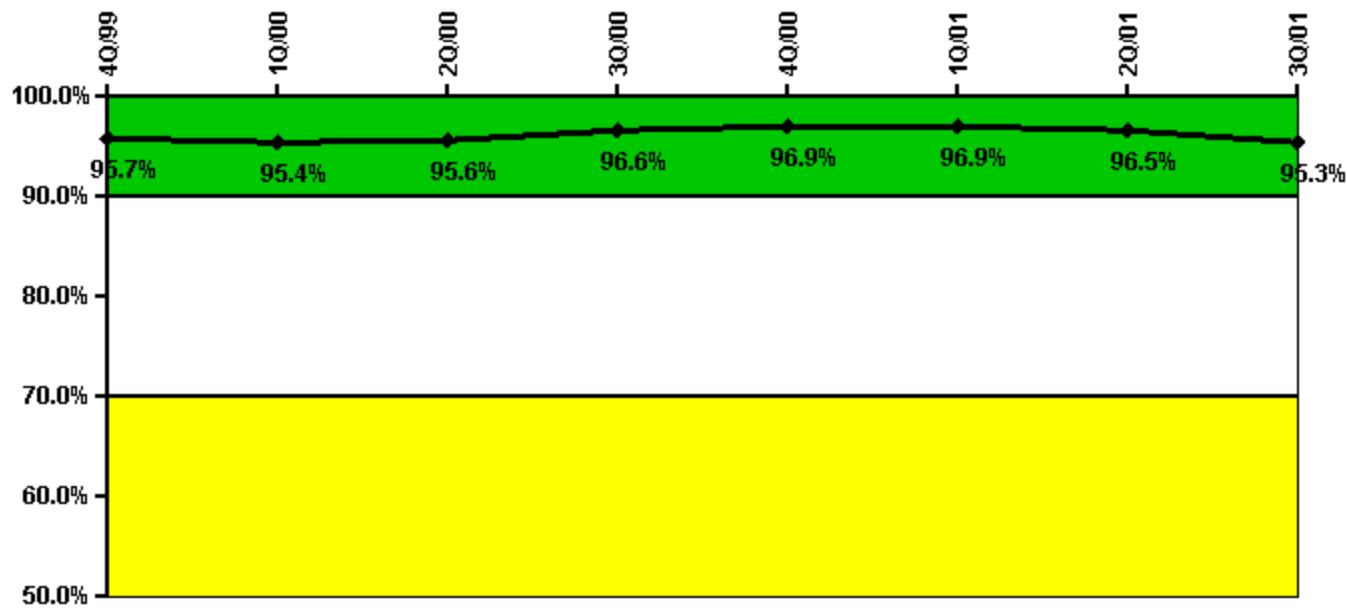
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/99	11/99	12/99	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00
Maximum leakage	0	0.150	0.169	0.163	0.170	0.188	0.238	0.599	0.970	0.568	0.838	1.151
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	1.5	1.7	1.6	1.7	1.9	2.4	6.0	9.7	5.7	8.4	11.5

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	1.233	1.296	1.610	4.624	0.052	0.028	0.264	0.082	0.066	0.049	0.083	0.158
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	12.3	13.0	16.1	46.2	0.5	0.3	2.6	0.8	0.7	0.5	0.8	1.6

Licensee Comments: none

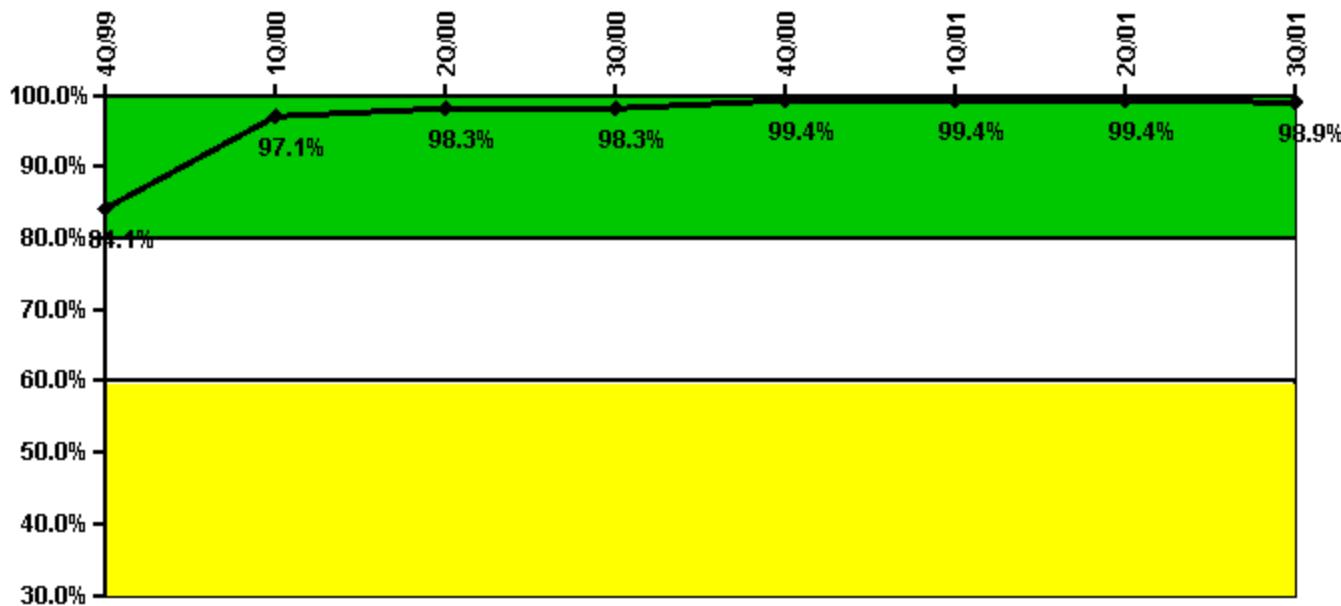
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful opportunities	17.0	56.0	25.0	0	17.0	5.0	11.0	11.0
Total opportunities	17.0	58.0	26.0	0	18.0	5.0	11.0	14.0
Indicator value	95.7%	95.4%	95.6%	96.6%	96.9%	96.9%	96.5%	95.3%

Licensee Comments: none

ERO Drill Participation

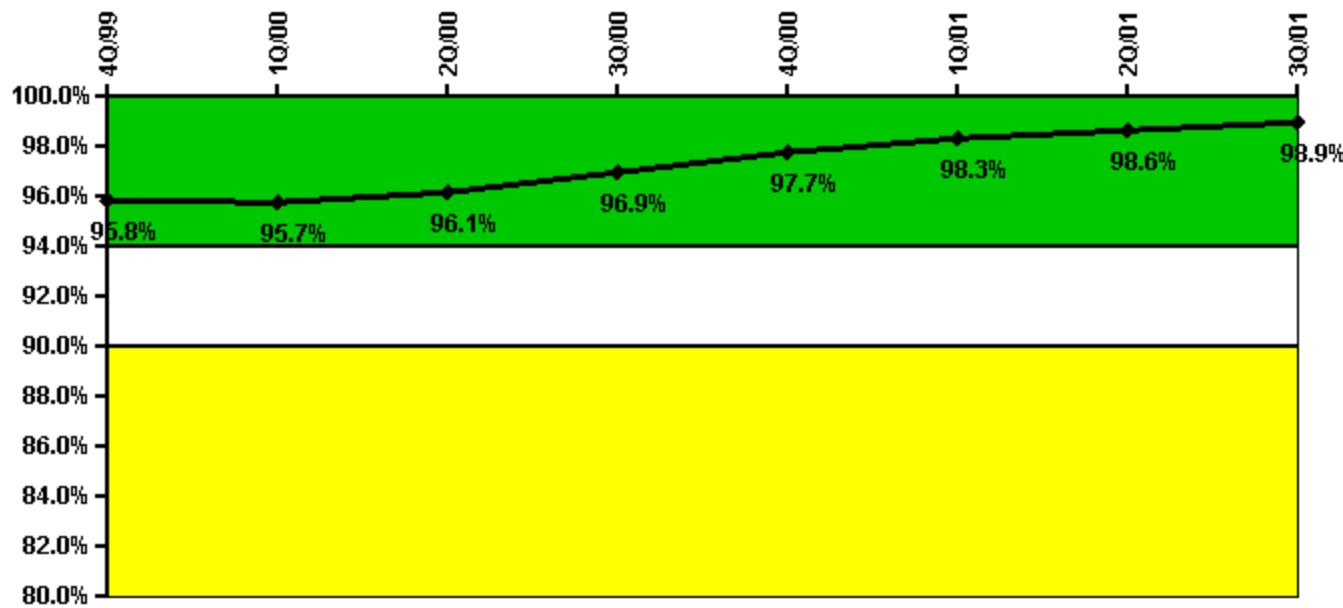
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Participating Key personnel	138.0	165.0	177.0	173.0	178.0	177.0	174.0	174.0
Total Key personnel	164.0	170.0	180.0	176.0	179.0	178.0	175.0	176.0
Indicator value	84.1%	97.1%	98.3%	98.3%	99.4%	99.4%	99.4%	98.9%

Licensee Comments: none

Alert & Notification System

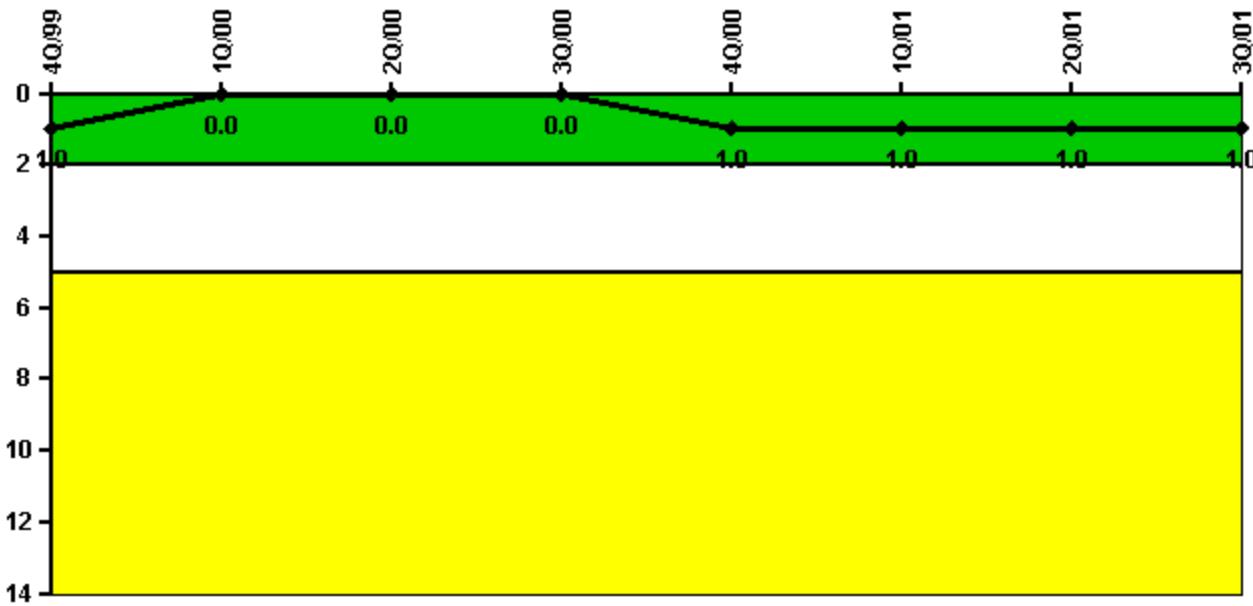


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Successful siren-tests	1386	1410	1455	1510	1460	1557	1726	1727
Total sirens-tests	1456	1465	1484	1540	1484	1575	1742	1742
Indicator value	95.8%	95.7%	96.1%	96.9%	97.7%	98.3%	98.6%	98.9%

Licensee Comments: none

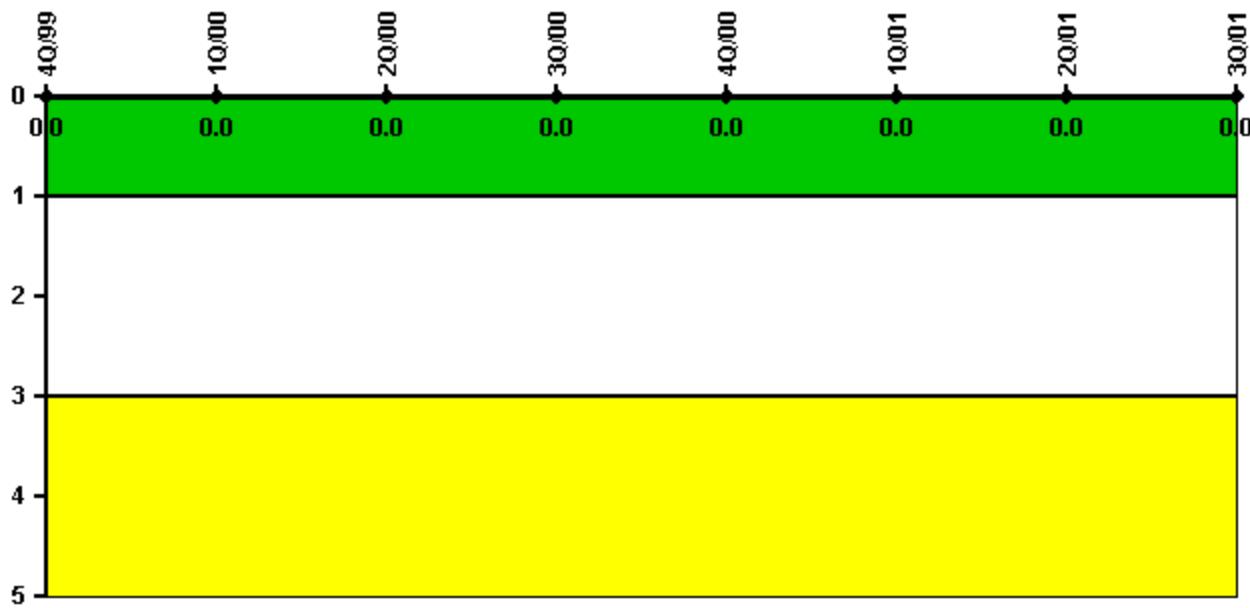
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

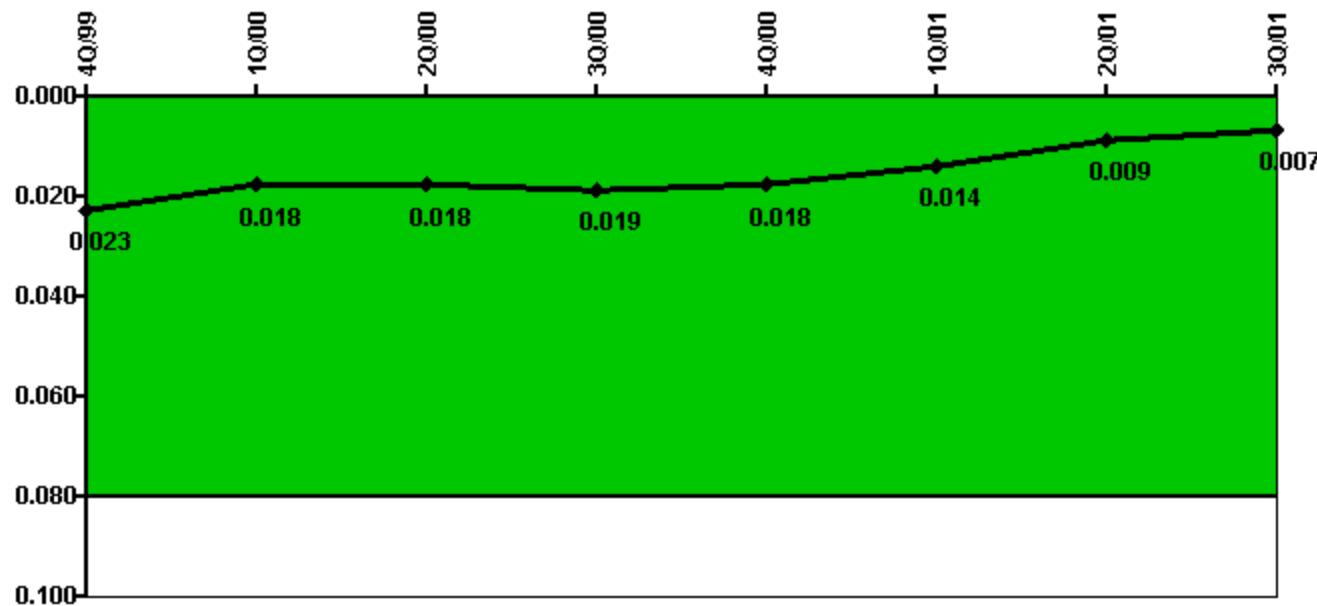
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



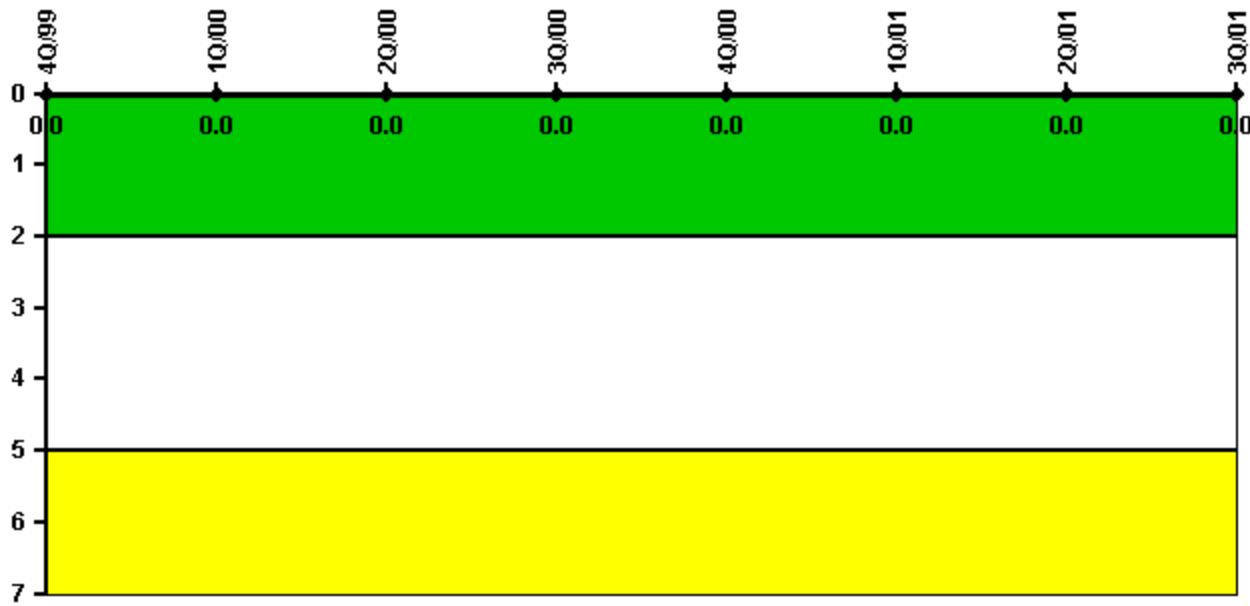
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
IDS compensatory hours	122.50	165.60	83.09	142.30	50.70	21.00	67.00	105.90
CCTV compensatory hours	11.4	22.8	74.1	21.7	26.3	4.5	0	0
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.023	0.018	0.018	0.019	0.018	0.014	0.009	0.007

Licensee Comments: none

Personnel Screening Program

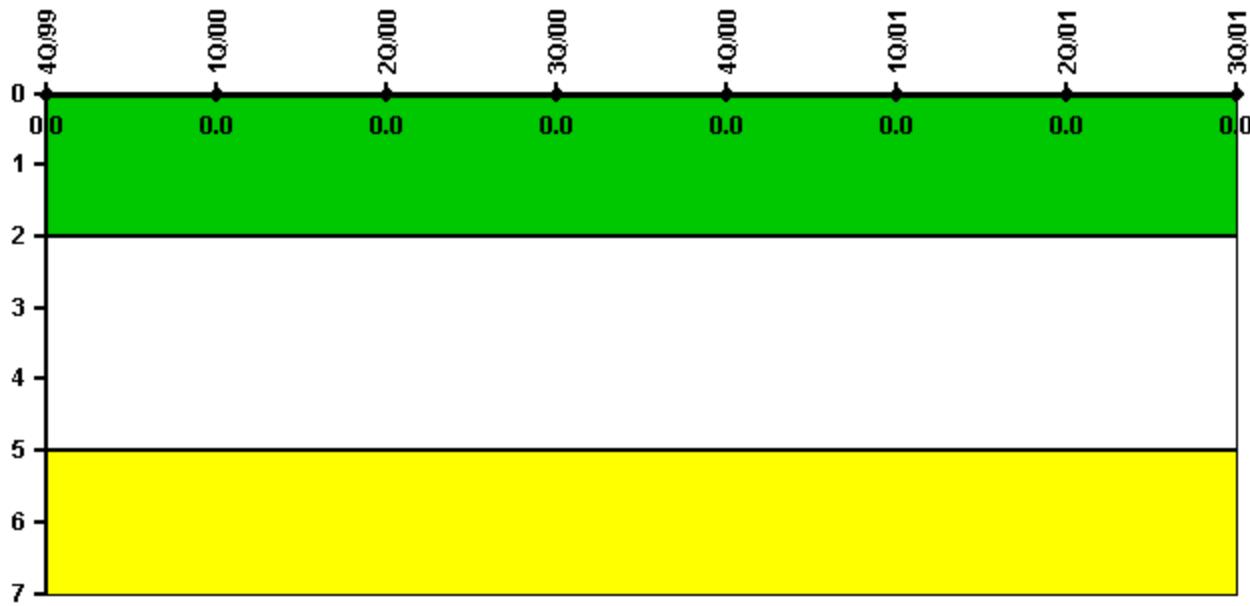


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/99	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

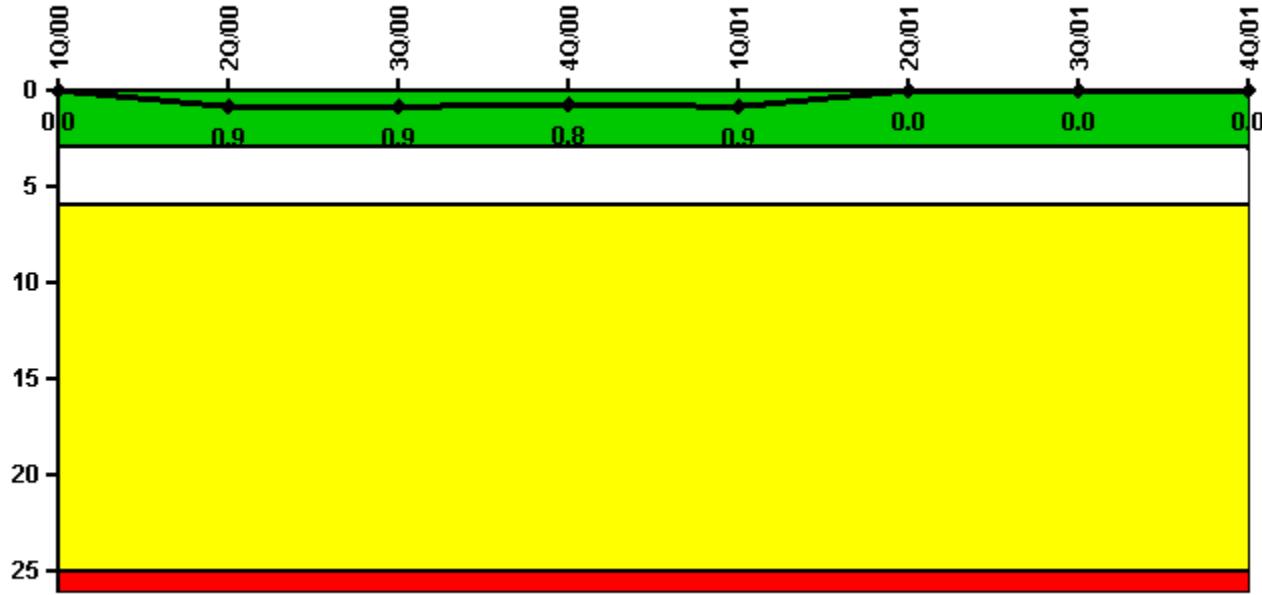


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Last Modified: March 26, 2002

McGuire 1**4Q/2001 Performance Indicators**

Licensee's General Comments: none

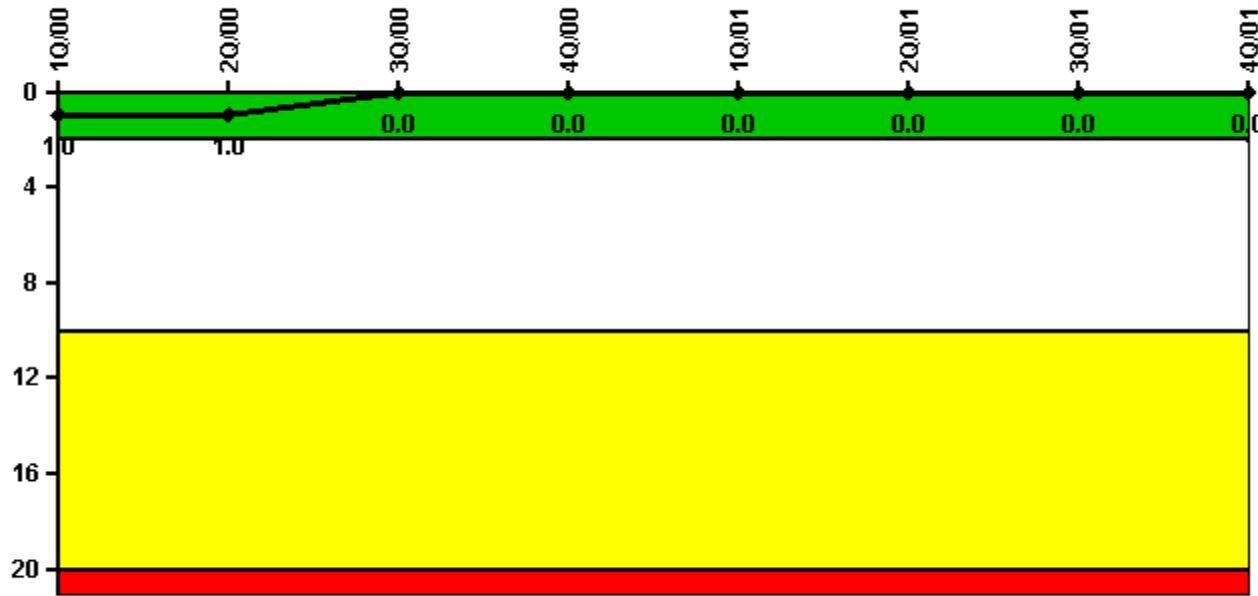
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2184.0	2150.0	2208.0	2209.0	1505.2	1830.2	2208.0	2209.0
Indicator value	0	0.9	0.9	0.8	0.9	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

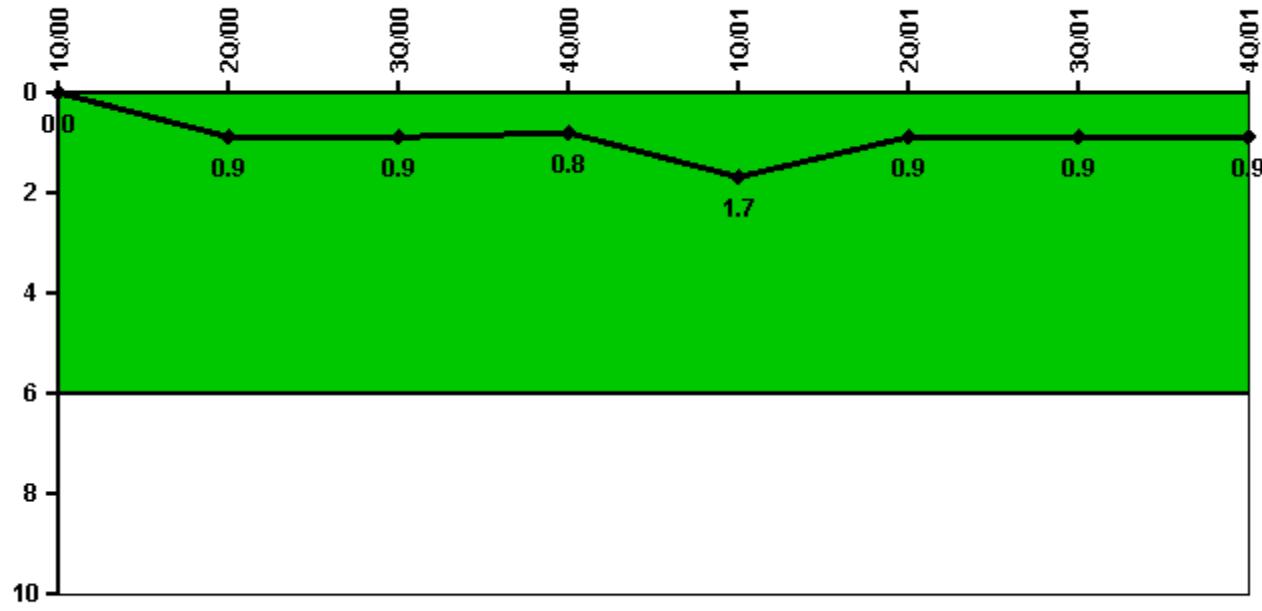
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	1.0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



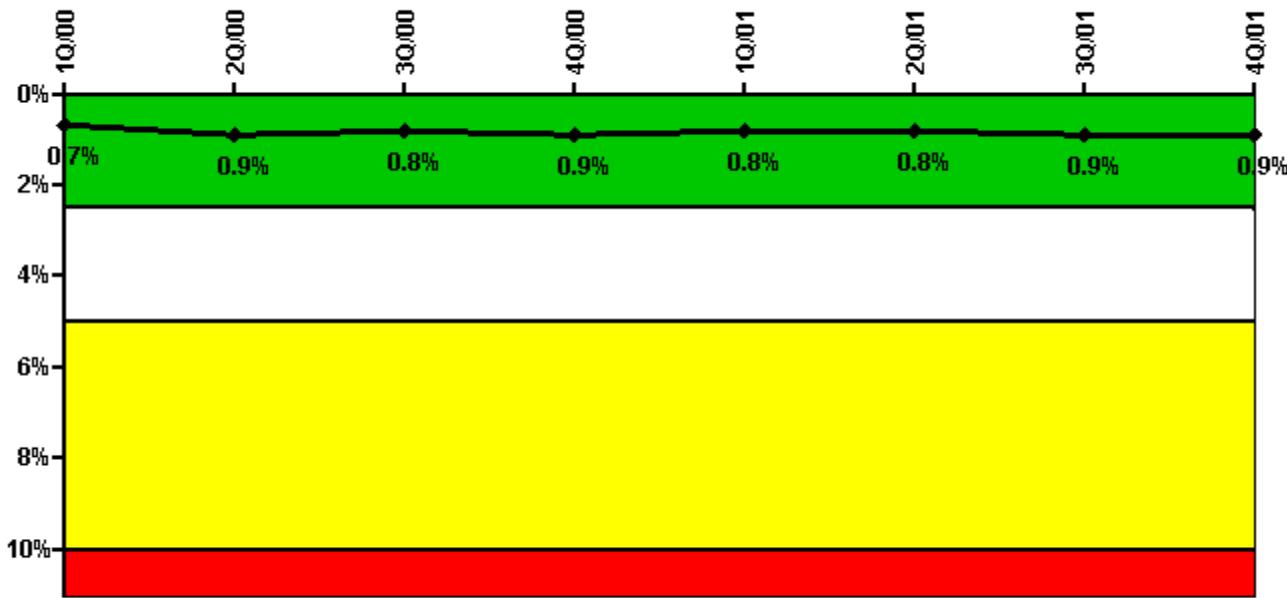
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Unplanned power changes	0	1.0	0	0	1.0	0	0	0
Critical hours	2184.0	2150.0	2208.0	2209.0	1505.2	1830.2	2208.0	2209.0
Indicator value	0	0.9	0.9	0.8	1.7	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



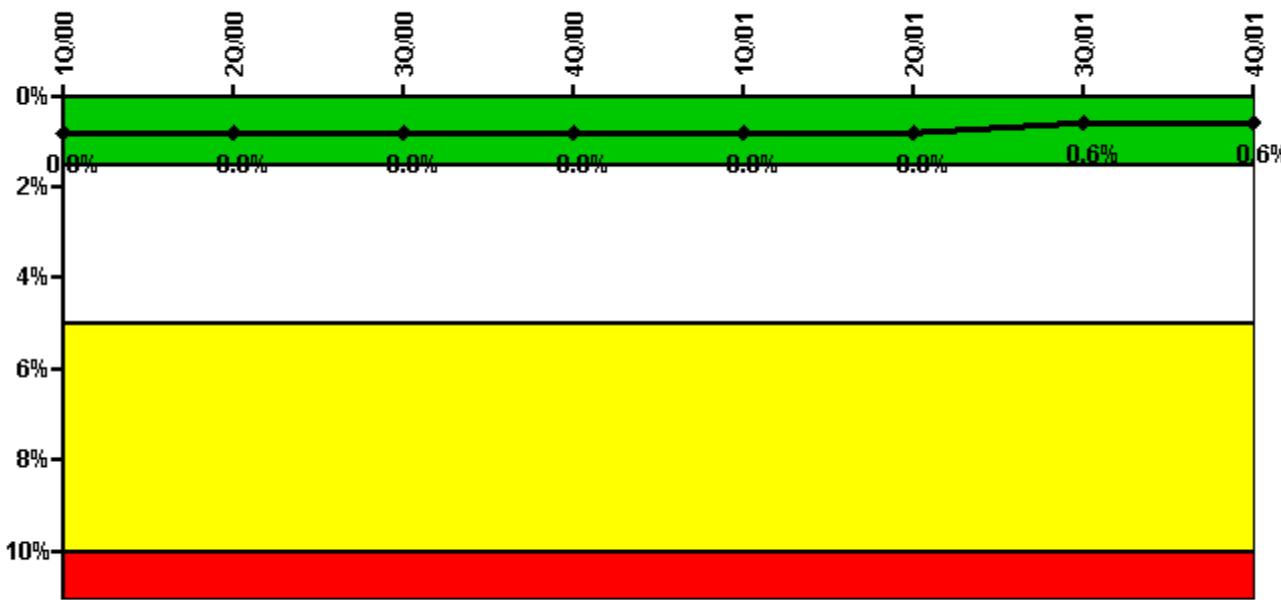
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	1.10	87.28	2.60	16.60	0.30	12.50	13.74	15.28
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	10.77	11.85	13.40	16.80	11.71	14.51	2.60	13.20
Unplanned unavailable hours	0	0	0	11.00	5.02	0	21.00	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.9%	0.8%	0.9%	0.8%	0.8%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



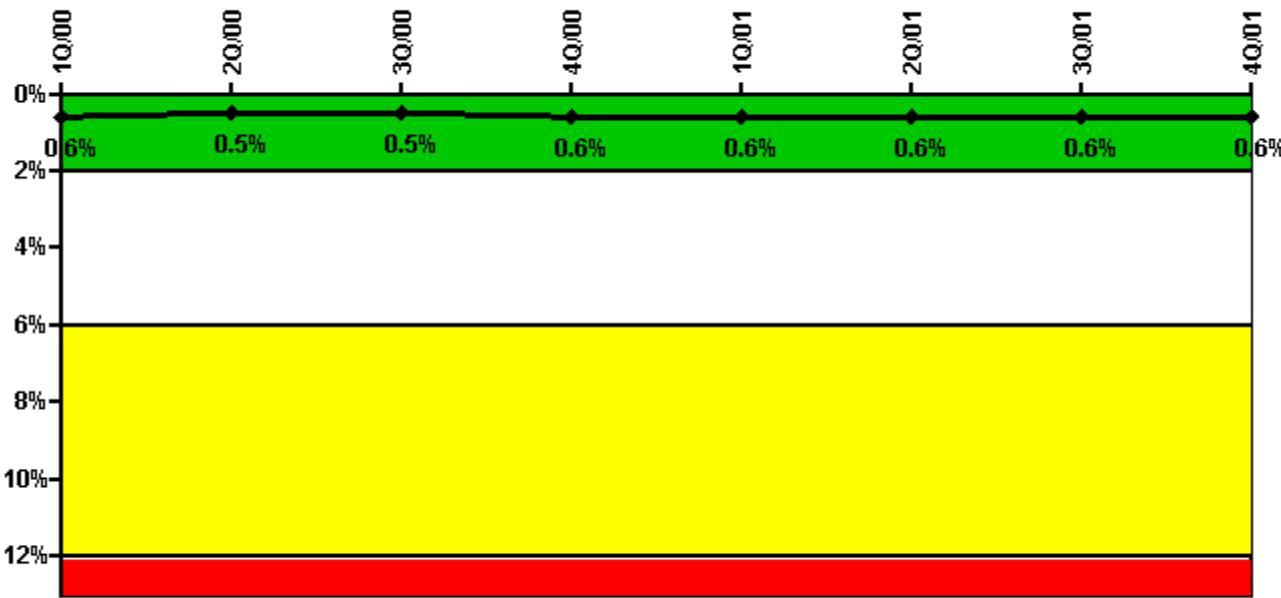
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)								
	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	10.33	10.10	2.30	12.20	0.20	0.50	0.20	0.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1550.00	1880.80	2208.00	2209.00
Train 2								
Planned unavailable hours	13.03	23.30	0.80	9.40	9.80	7.50	0.30	9.50
Unplanned unavailable hours	0	0	41.10	10.30	3.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1578.50	1866.60	2208.00	2209.00
Train 3								
Planned unavailable hours	7.85	10.27	2.80	12.30	0.20	2.90	4.60	11.80
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1550.00	1866.60	2208.00	2209.00
Train 4								
Planned unavailable hours	9.70	19.58	0.80	0.30	9.40	20.70	0	10.70
Unplanned unavailable hours	0	0	0	10.30	3.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	1550.00	1866.60	2208.00	2209.00
Indicator value	0.8%	0.8%	0.8%	0.8%	0.8%	0.8%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



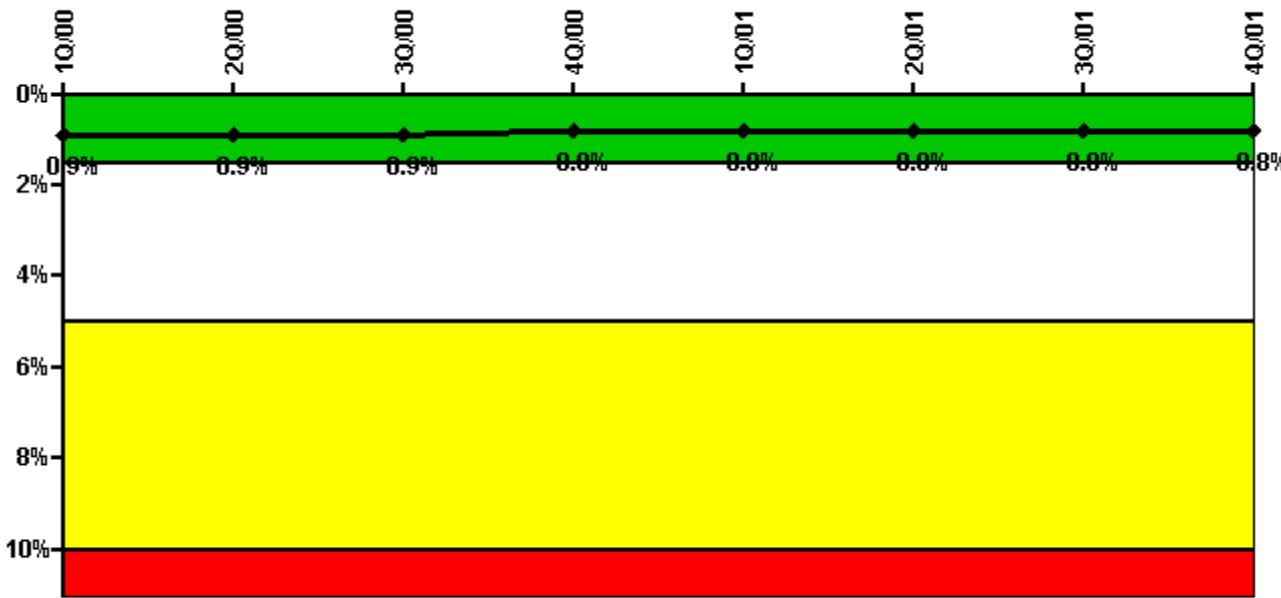
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	22.70	11.60	4.50	13.10	1.40	9.30	1.50	3.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00
Train 2								
Planned unavailable hours	19.70	2.90	11.10	1.50	14.60	8.70	5.00	5.30
Unplanned unavailable hours	0	0	0	10.30	3.80	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00
Train 3								
Planned unavailable hours	12.40	1.60	1.20	1.20	2.60	2.90	10.70	3.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00
Indicator value	0.6%	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

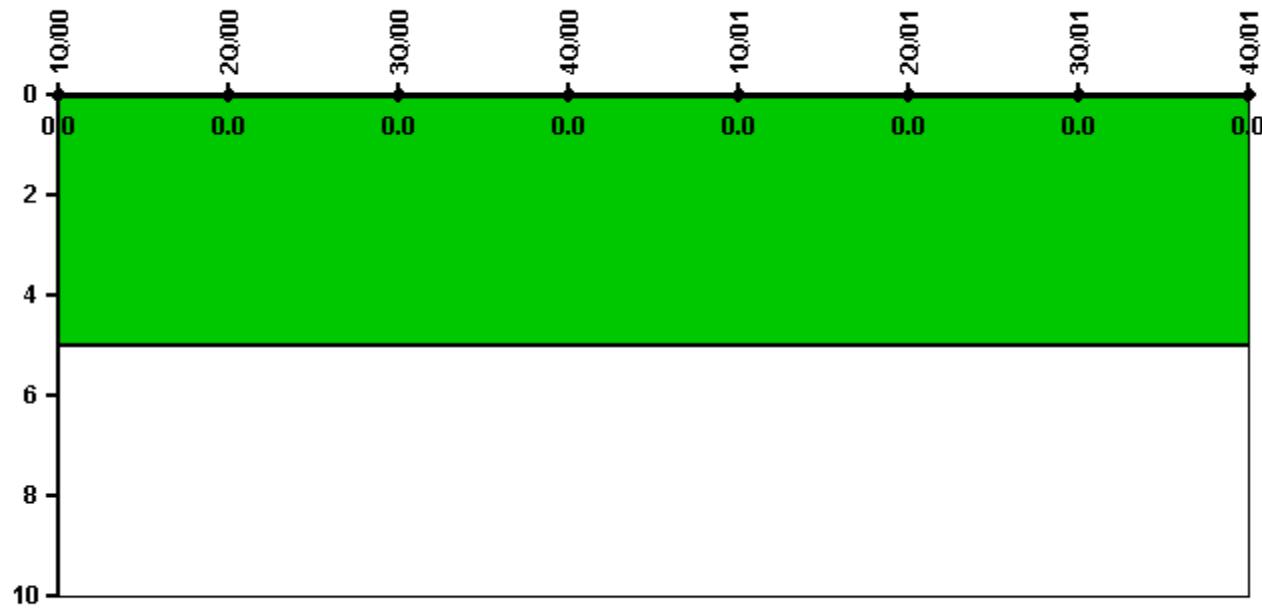


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Train 1								
Planned unavailable hours	30.65	10.08	17.50	17.25	4.43	10.18	0	11.50
Unplanned unavailable hours	0	0	0	0	0	0.83	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	23.58	8.60	1.50	0	25.18	16.58	2.47	3.48
Unplanned unavailable hours	0	0	0	10.25	3.77	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Functional Failures (PWR)

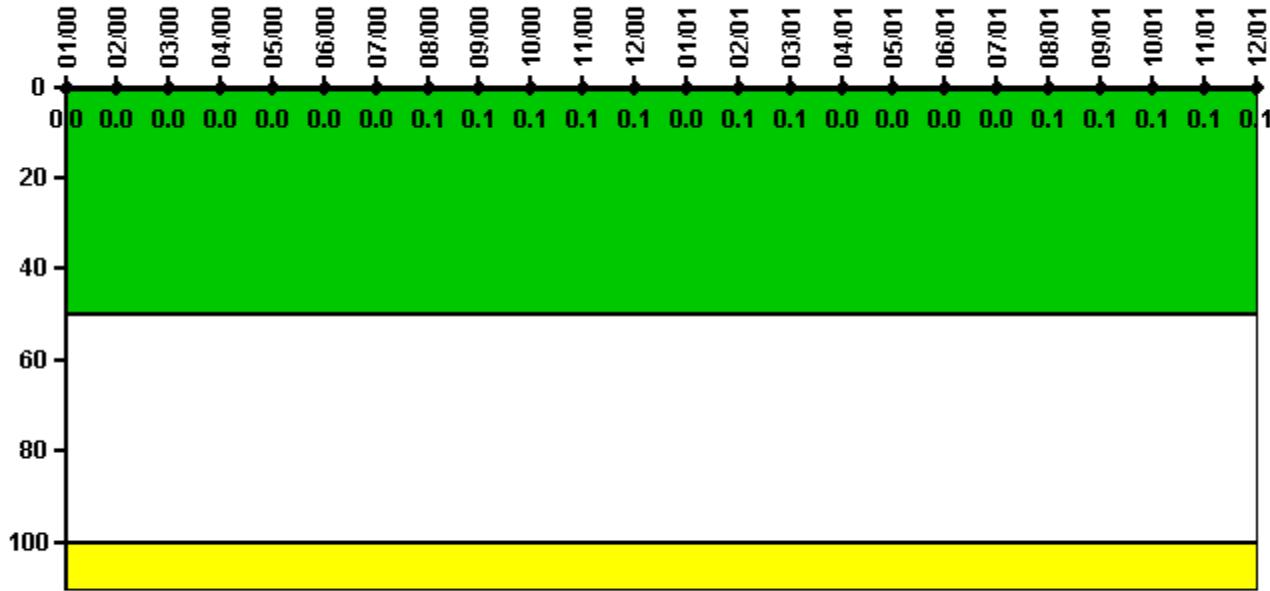
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



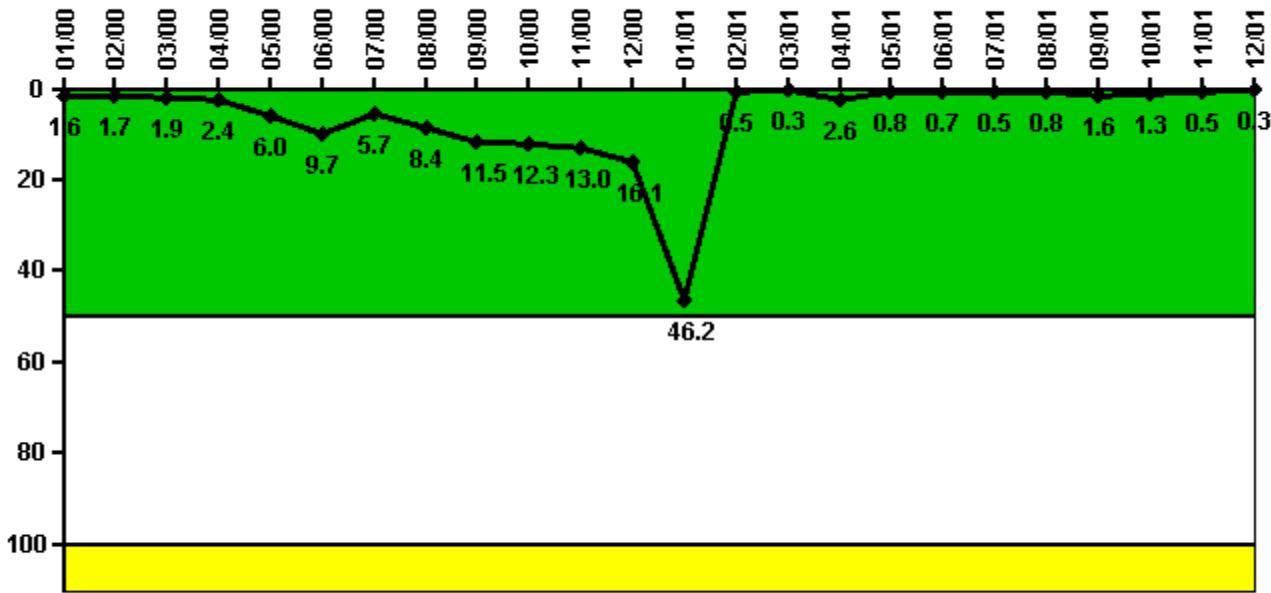
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum activity	0.000260	0.000470	0.000320	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510	0.000540	0.000520	0.000760
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000260	0.000650	0.000610	0.000360	0.000420	0.000480	0.000490	0.000540	0.000510	0.000510	0.000780	0.000590
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

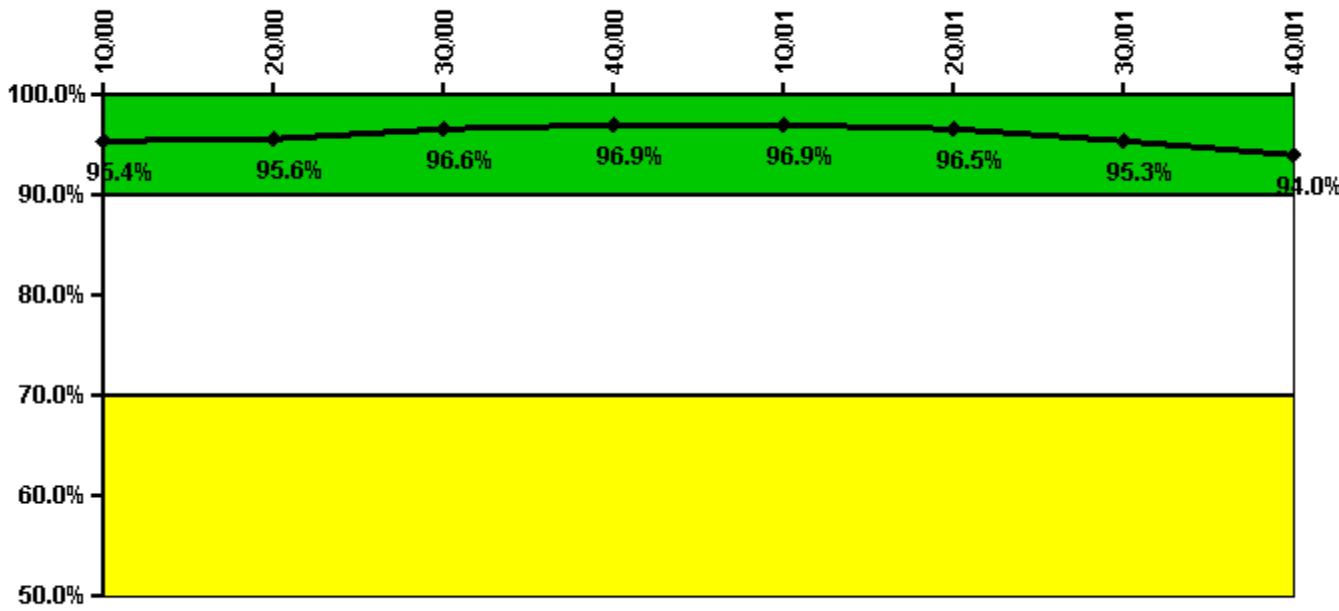
Notes

Reactor Coolant System Leakage	1/00	2/00	3/00	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00
Maximum leakage	0.163	0.170	0.188	0.238	0.599	0.970	0.568	0.838	1.151	1.233	1.296	1.610
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.7	1.9	2.4	6.0	9.7	5.7	8.4	11.5	12.3	13.0	16.1

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	4.624	0.052	0.028	0.264	0.082	0.066	0.049	0.083	0.158	0.133	0.047	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	46.2	0.5	0.3	2.6	0.8	0.7	0.5	0.8	1.6	1.3	0.5	0.3

Licensee Comments: none

Drill/Exercise Performance



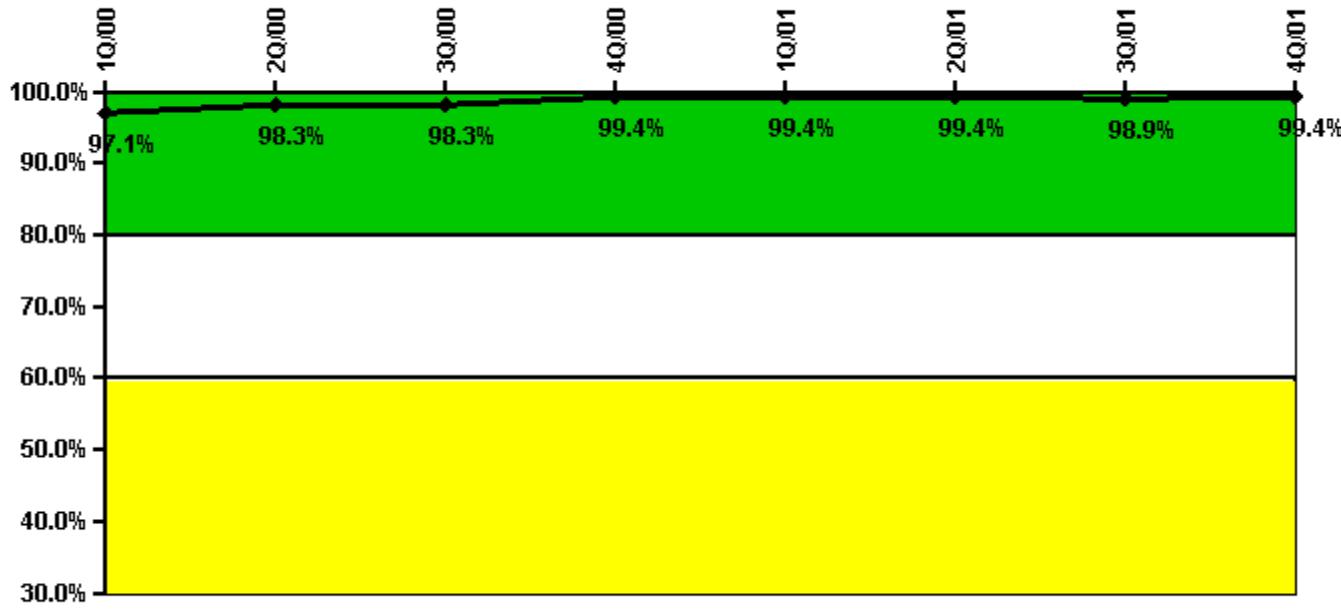
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful opportunities	56.0	25.0	0	17.0	5.0	11.0	11.0	46.0
Total opportunities	58.0	26.0	0	18.0	5.0	11.0	14.0	50.0
Indicator value	95.4%	95.6%	96.6%	96.9%	96.9%	96.5%	95.3%	94.0%

Licensee Comments: none

ERO Drill Participation



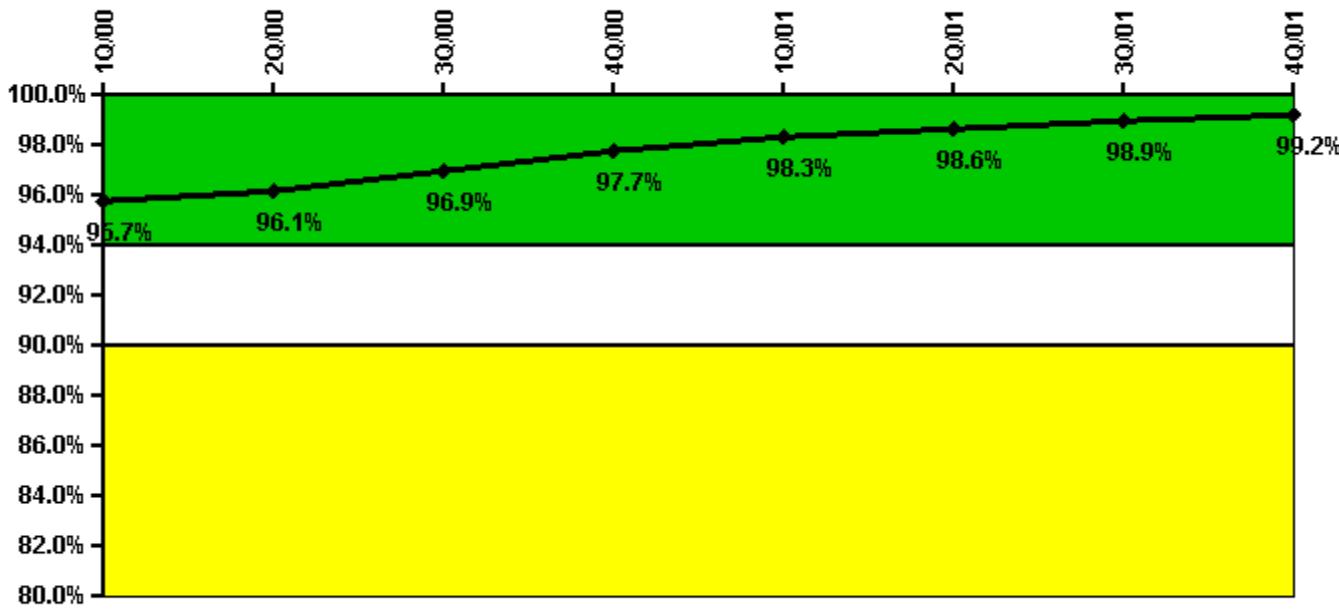
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Participating Key personnel	165.0	177.0	173.0	178.0	177.0	174.0	174.0	175.0
Total Key personnel	170.0	180.0	176.0	179.0	178.0	175.0	176.0	176.0
Indicator value	97.1%	98.3%	98.3%	99.4%	99.4%	99.4%	98.9%	99.4%

Licensee Comments: none

Alert & Notification System



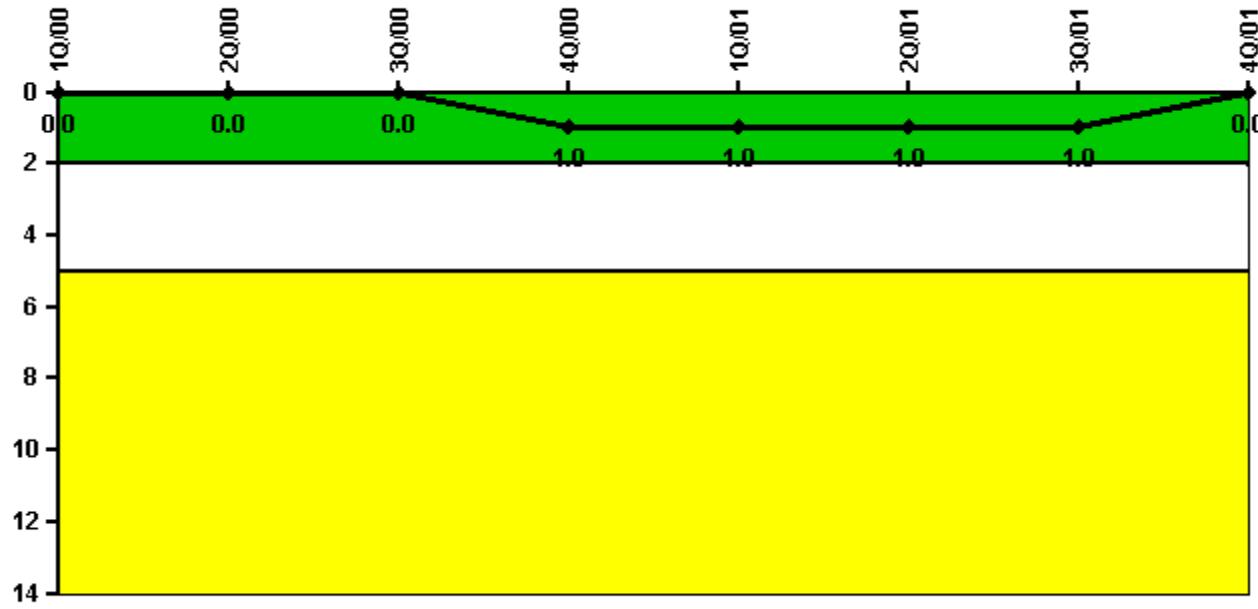
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Successful siren-tests	1410	1455	1510	1460	1557	1726	1727	1737
Total sirens-tests	1465	1484	1540	1484	1575	1742	1742	1742
Indicator value	95.7%	96.1%	96.9%	97.7%	98.3%	98.6%	98.9%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness

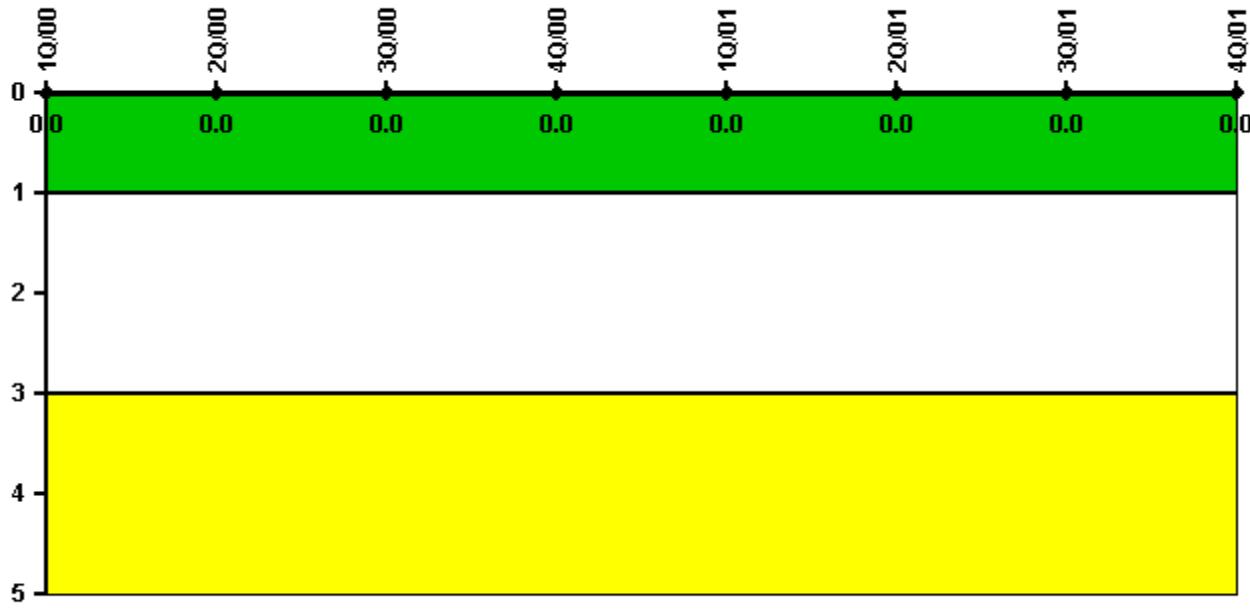


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

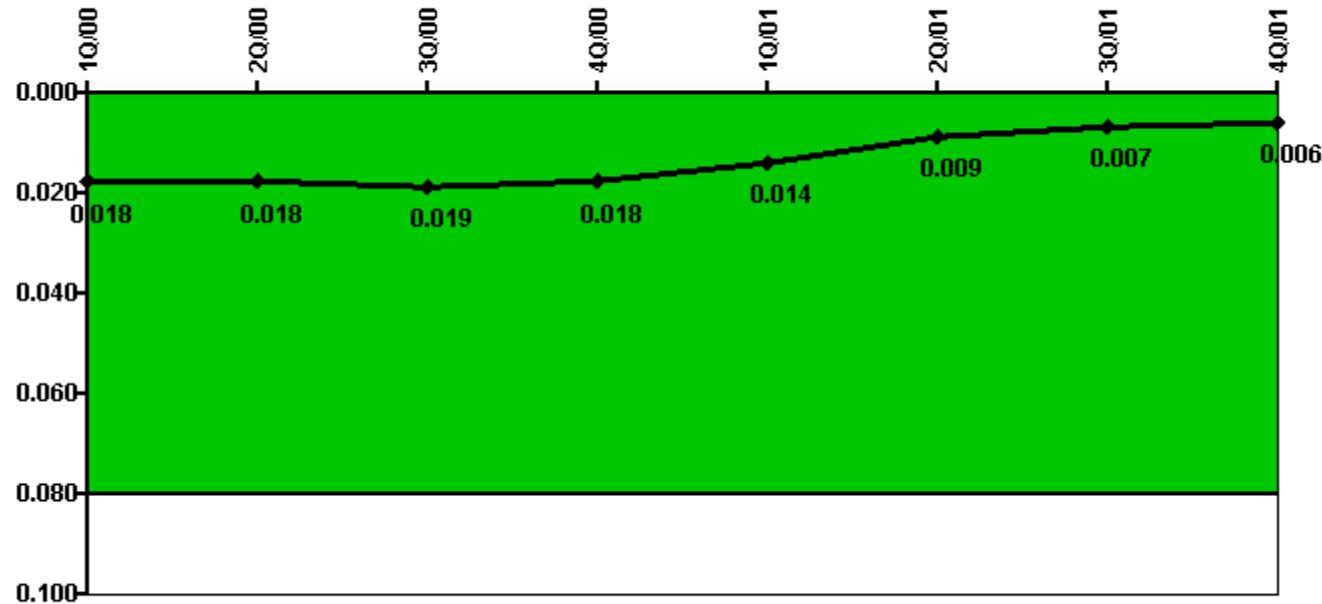
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



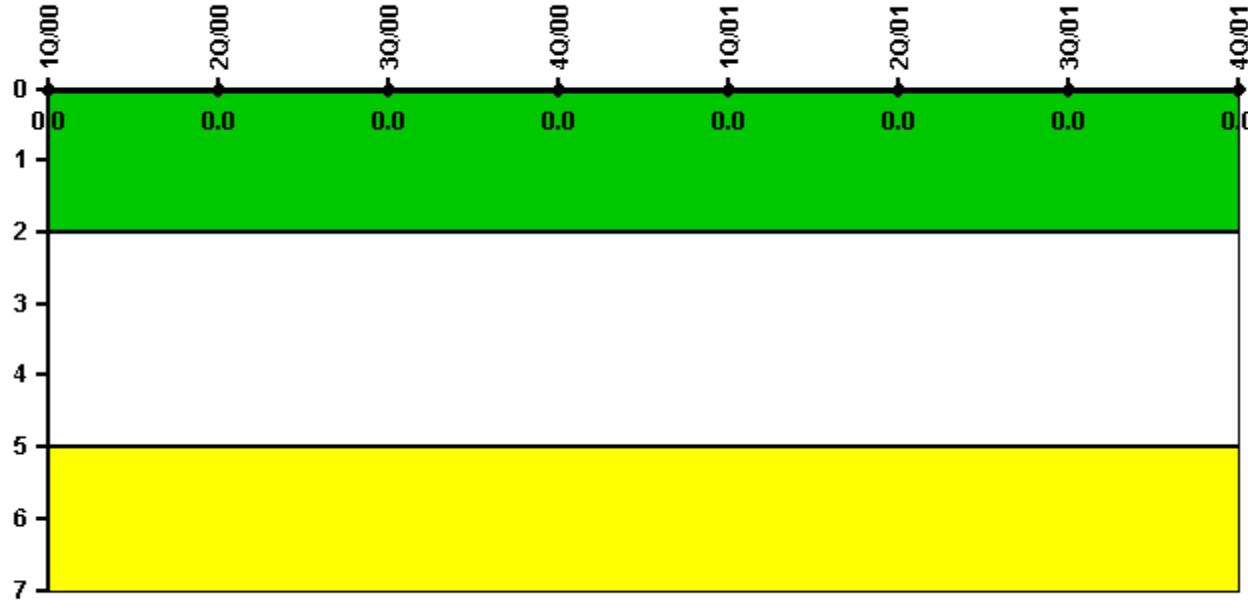
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
IDS compensatory hours	165.60	83.09	142.30	50.70	21.00	67.00	105.90	50.40
CCTV compensatory hours	22.8	74.1	21.7	26.3	4.5	0	0	0
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.018	0.018	0.019	0.018	0.014	0.009	0.007	0.006

Licensee Comments: none

Personnel Screening Program

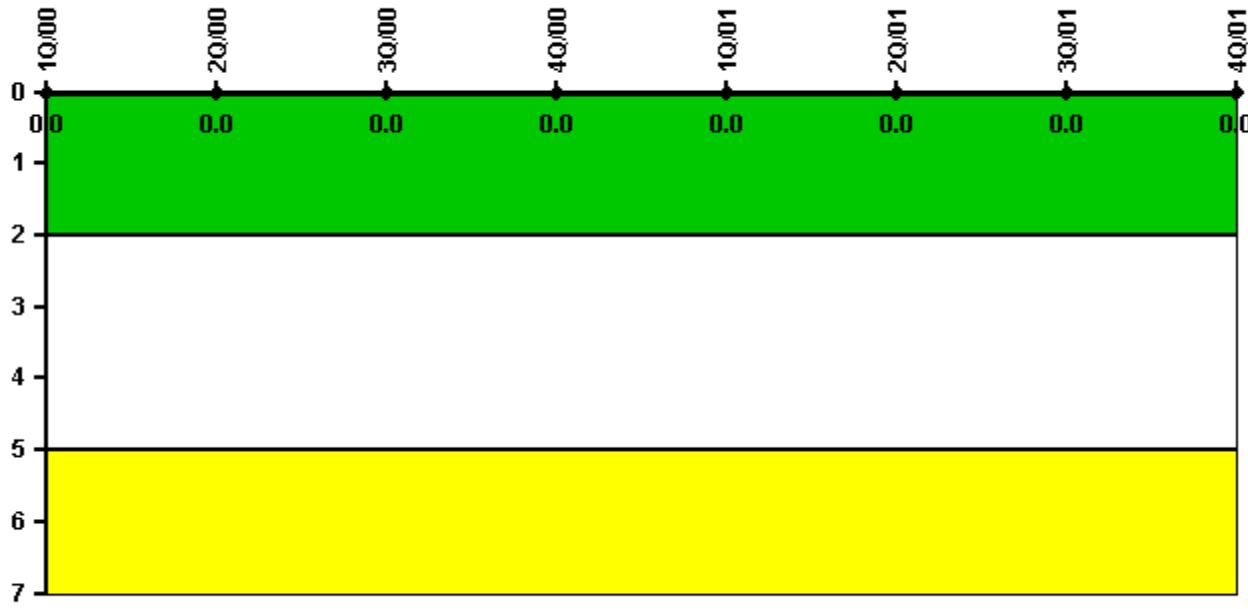


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/00	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

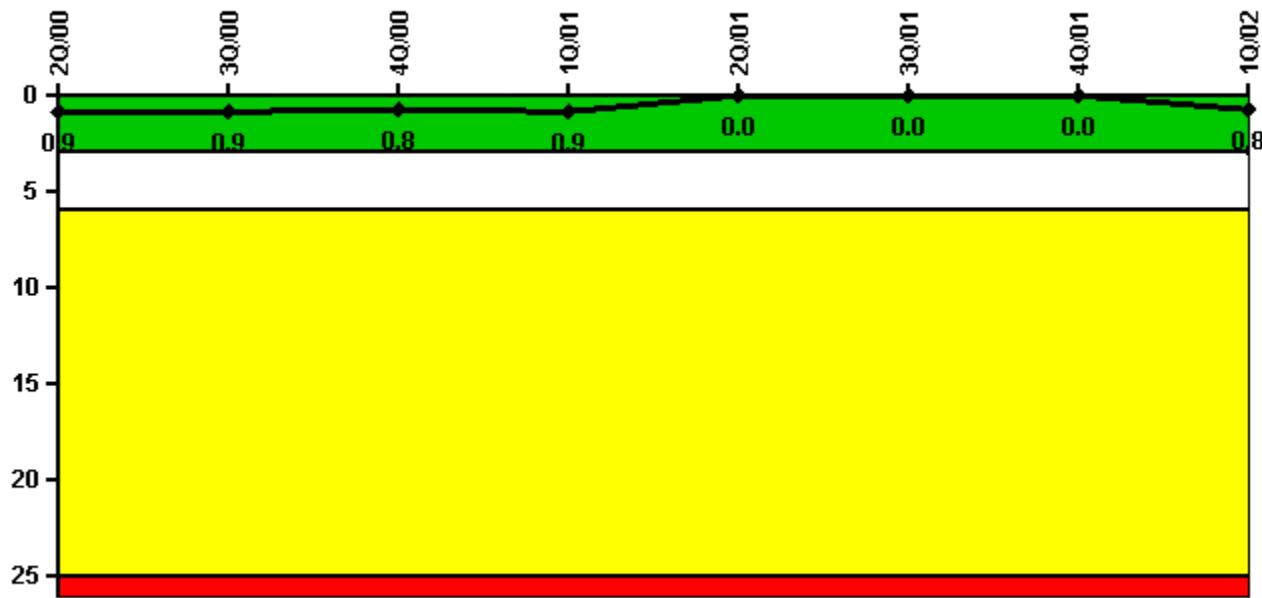


[PI Summary](#) | [Inspection Findings Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 15, 2002

McGuire 1**1Q/2002 Performance Indicators**

Licensee's General Comments: none

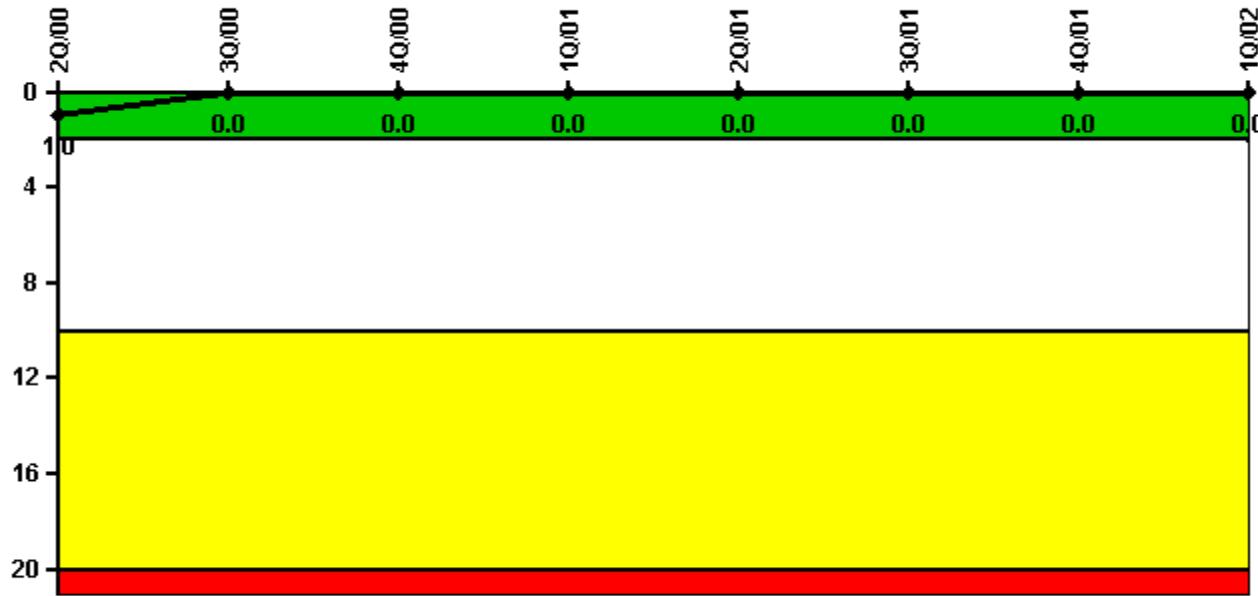
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned scrams	1.0	0	0	0	0	0	0	1.0
Critical hours	2150.0	2208.0	2209.0	1505.2	1830.2	2208.0	2209.0	2100.6
Indicator value	0.9	0.9	0.8	0.9	0	0	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

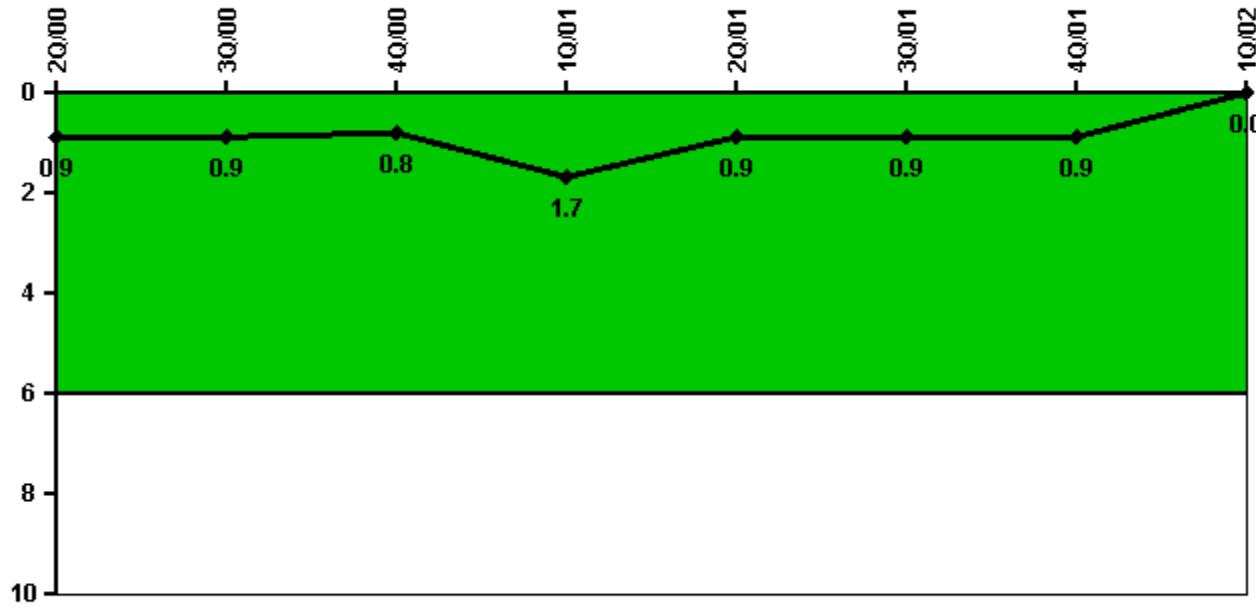
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	1.0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



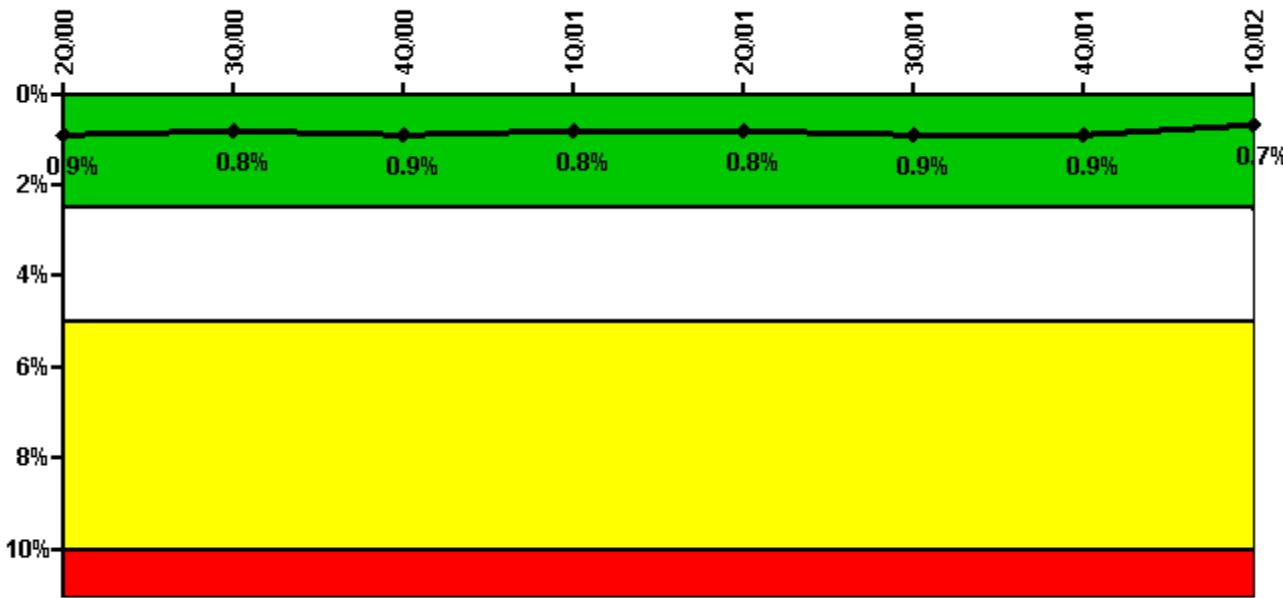
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Unplanned power changes	1.0	0	0	1.0	0	0	0	0
Critical hours	2150.0	2208.0	2209.0	1505.2	1830.2	2208.0	2209.0	2100.6
Indicator value	0.9	0.9	0.8	1.7	0.9	0.9	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



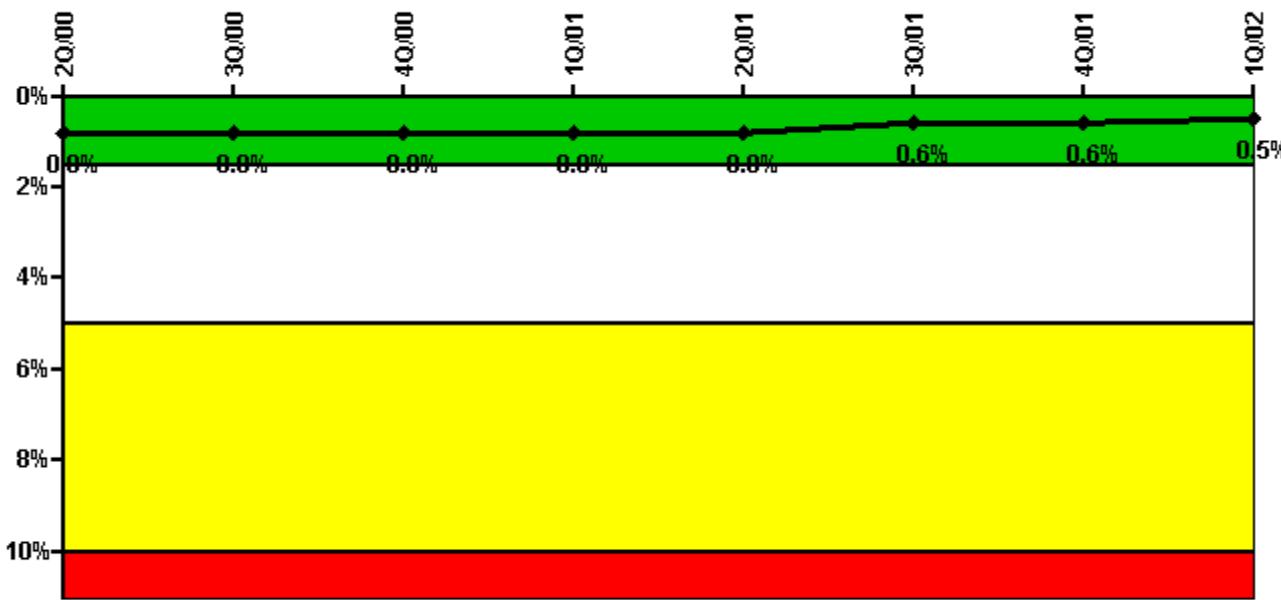
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	87.28	2.60	16.60	0.30	12.50	13.74	15.28	1.88
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	11.85	13.40	16.80	11.71	14.51	2.60	13.20	2.12
Unplanned unavailable hours	0	0	11.00	5.02	0	21.00	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.9%	0.8%	0.9%	0.8%	0.8%	0.9%	0.9%	0.7%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



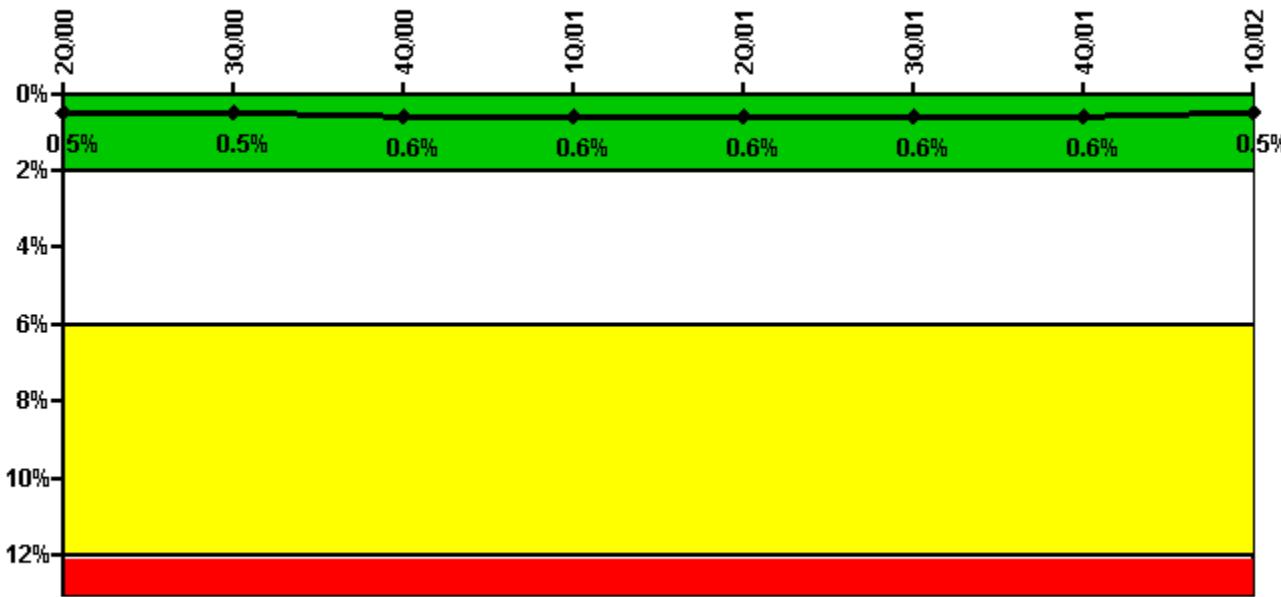
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	10.10	2.30	12.20	0.20	0.50	0.20	0.70	0.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1550.00	1880.80	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	23.30	0.80	9.40	9.80	7.50	0.30	9.50	9.35
Unplanned unavailable hours	0	41.10	10.30	3.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1578.50	1866.60	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	10.27	2.80	12.30	0.20	2.90	4.60	11.80	1.14
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1550.00	1866.60	2208.00	2209.00	2160.00
Train 4								
Planned unavailable hours	19.58	0.80	0.30	9.40	20.70	0	10.70	7.43
Unplanned unavailable hours	0	0	10.30	3.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1550.00	1866.60	2208.00	2209.00	2160.00
Indicator value	0.8%	0.8%	0.8%	0.8%	0.8%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



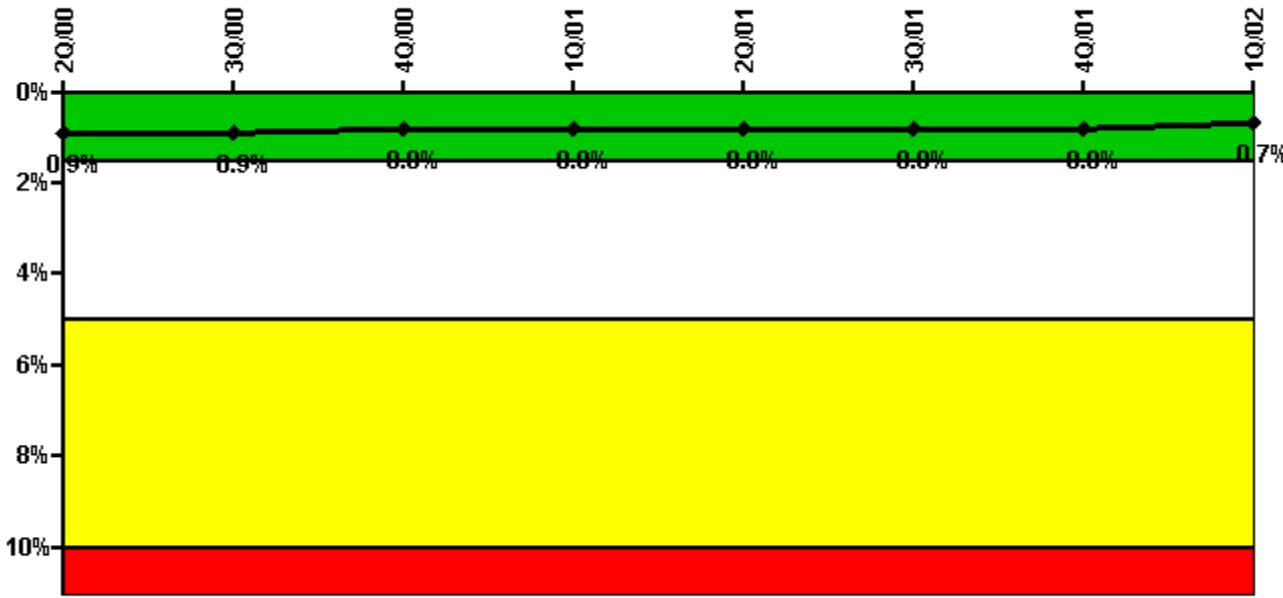
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	11.60	4.50	13.10	1.40	9.30	1.50	3.90	4.20
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	2.90	11.10	1.50	14.60	8.70	5.00	5.30	1.08
Unplanned unavailable hours	0	0	10.30	3.80	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00	2160.00
Train 3								
Planned unavailable hours	1.60	1.20	1.20	2.60	2.90	10.70	3.20	11.63
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00	2160.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

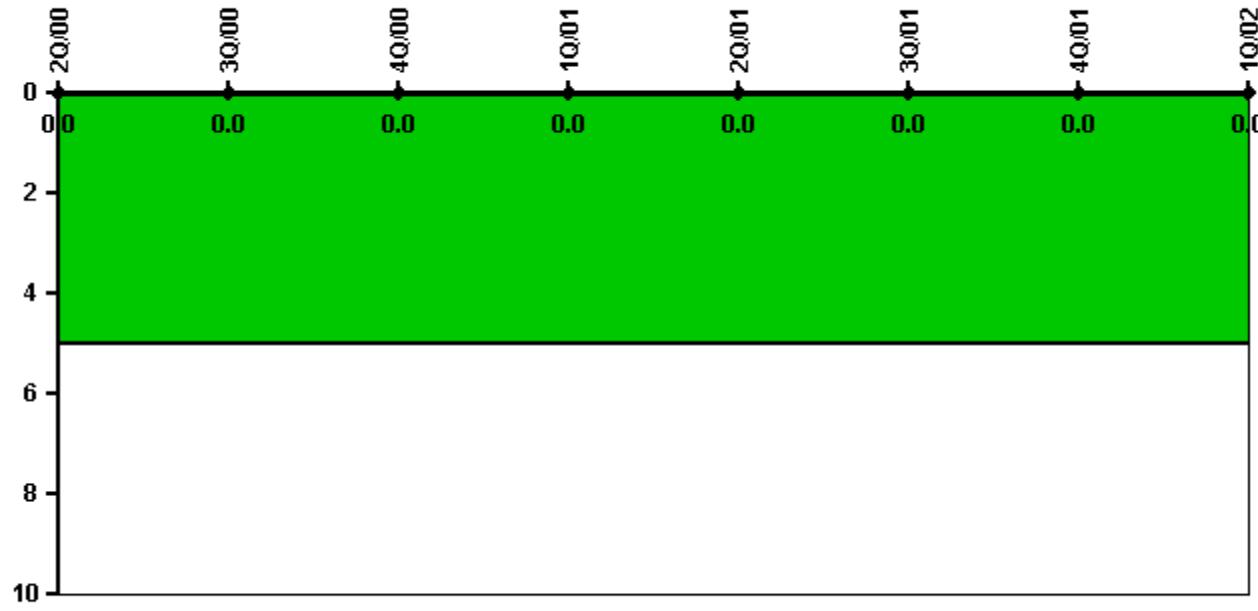


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Train 1								
Planned unavailable hours	10.08	17.50	17.25	4.43	10.18	0	11.50	8.00
Unplanned unavailable hours	0	0	0	0	0.83	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	8.60	1.50	0	25.18	16.58	2.47	3.48	11.00
Unplanned unavailable hours	0	0	10.25	3.77	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.9%	0.9%	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

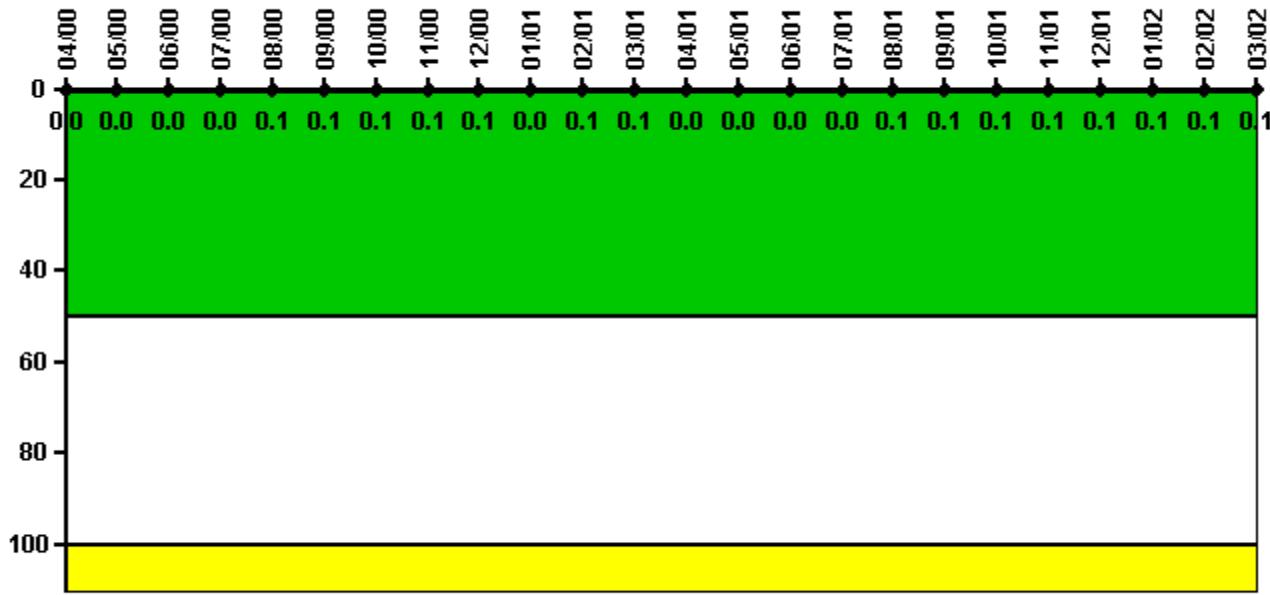
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

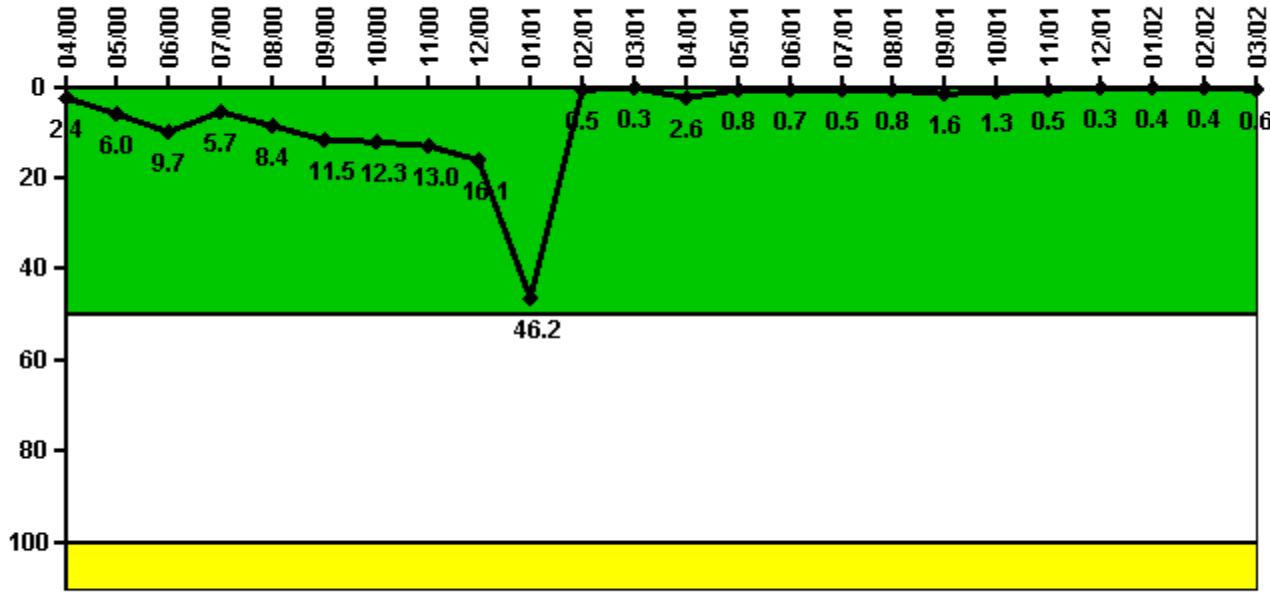
Notes

Reactor Coolant System Activity	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum activity	0.000330	0.000410	0.000420	0.000420	0.000840	0.000510	0.000540	0.000520	0.000760	0.000260	0.000650	0.000610
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000360	0.000420	0.000480	0.000490	0.000540	0.000510	0.000510	0.000780	0.000590	0.001280	0.000620	0.000660
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

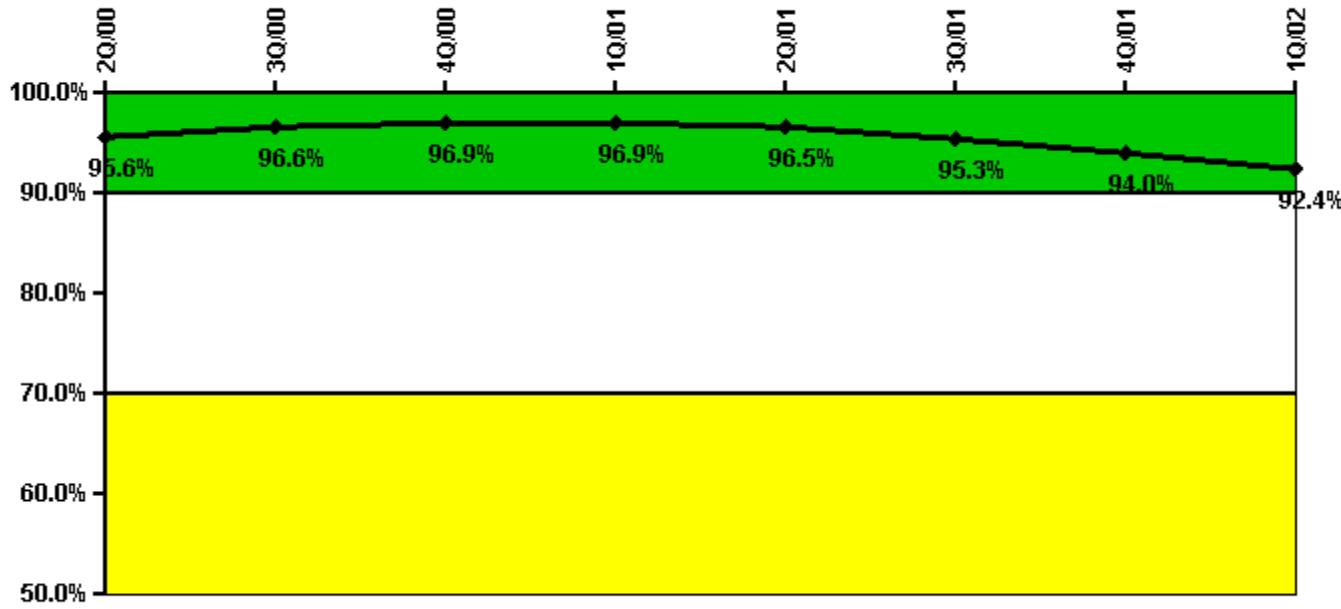
Notes

Reactor Coolant System Leakage	4/00	5/00	6/00	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01
Maximum leakage	0.238	0.599	0.970	0.568	0.838	1.151	1.233	1.296	1.610	4.624	0.052	0.028
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.4	6.0	9.7	5.7	8.4	11.5	12.3	13.0	16.1	46.2	0.5	0.3

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.264	0.082	0.066	0.049	0.083	0.158	0.133	0.047	0.034	0.038	0.035	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	0.8	0.7	0.5	0.8	1.6	1.3	0.5	0.3	0.4	0.4	0.6

Licensee Comments: none

Drill/Exercise Performance



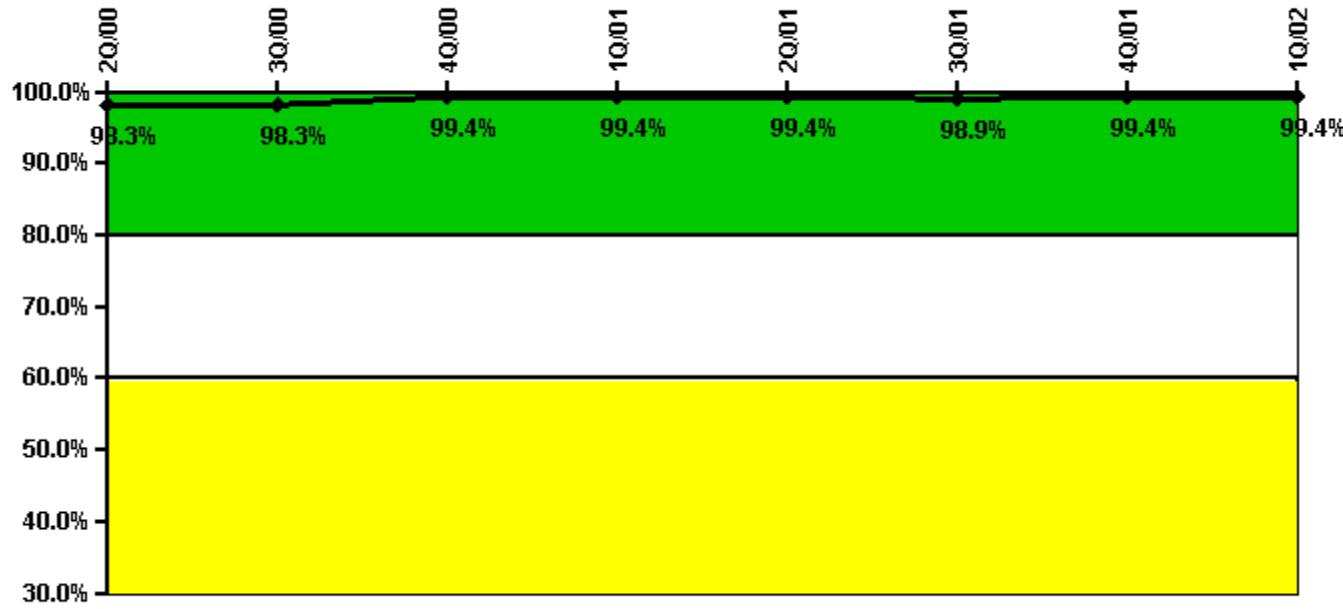
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful opportunities	25.0	0	17.0	5.0	11.0	11.0	46.0	7.0
Total opportunities	26.0	0	18.0	5.0	11.0	14.0	50.0	8.0
Indicator value	95.6%	96.6%	96.9%	96.9%	96.5%	95.3%	94.0%	92.4%

Licensee Comments: none

ERO Drill Participation



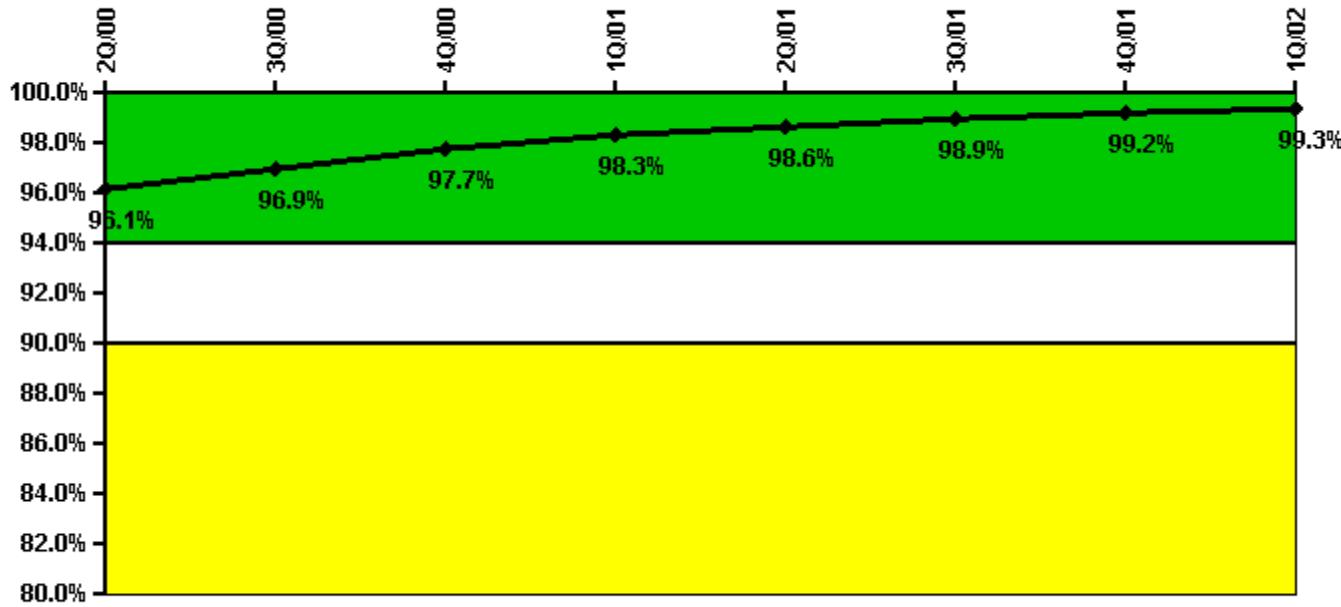
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Participating Key personnel	177.0	173.0	178.0	177.0	174.0	174.0	175.0	171.0
Total Key personnel	180.0	176.0	179.0	178.0	175.0	176.0	176.0	172.0
Indicator value	98.3%	98.3%	99.4%	99.4%	99.4%	98.9%	99.4%	99.4%

Licensee Comments: none

Alert & Notification System



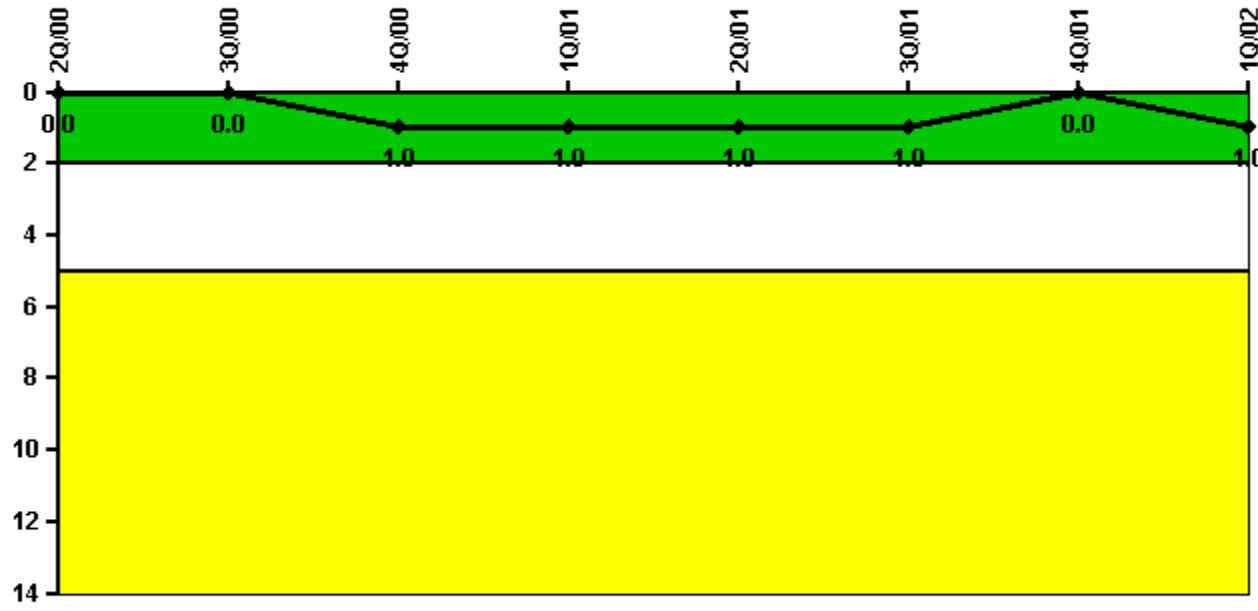
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Successful siren-tests	1455	1510	1460	1557	1726	1727	1737	1730
Total sirens-tests	1484	1540	1484	1575	1742	1742	1742	1742
Indicator value	96.1%	96.9%	97.7%	98.3%	98.6%	98.9%	99.2%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness

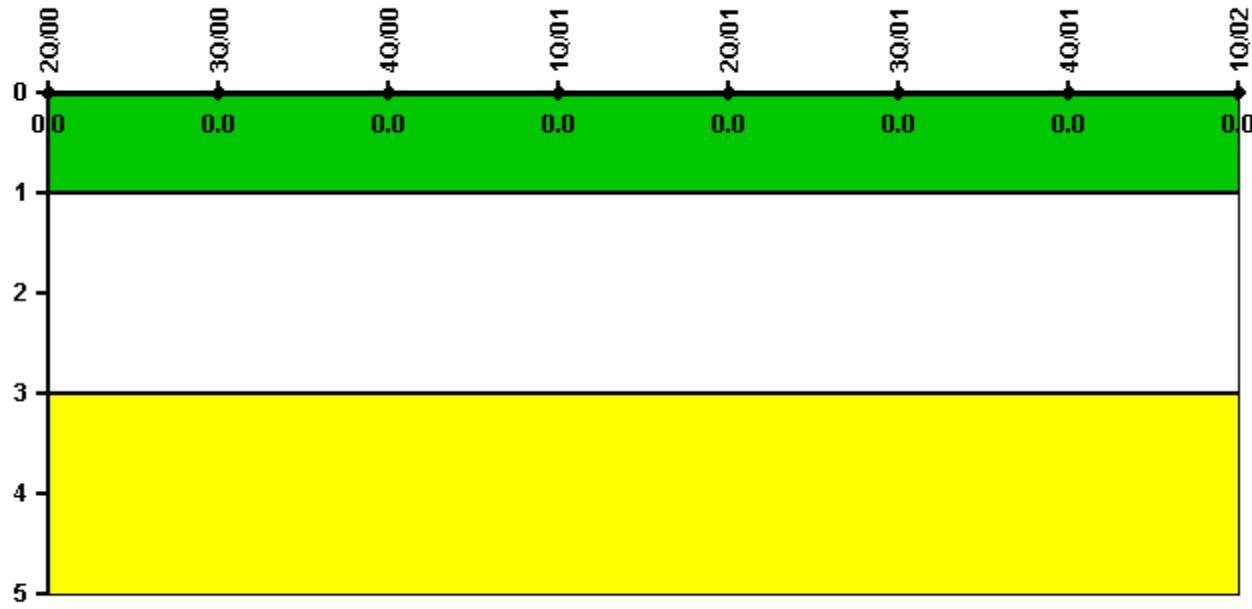


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
High radiation area occurrences	0	0	1	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

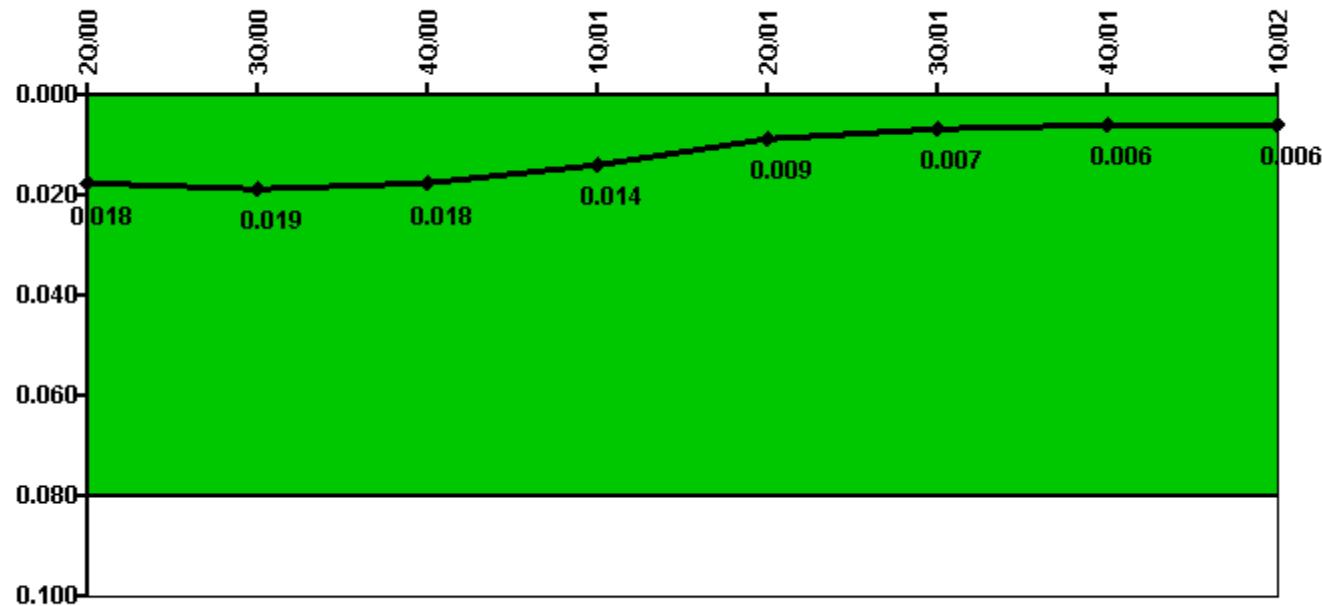
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

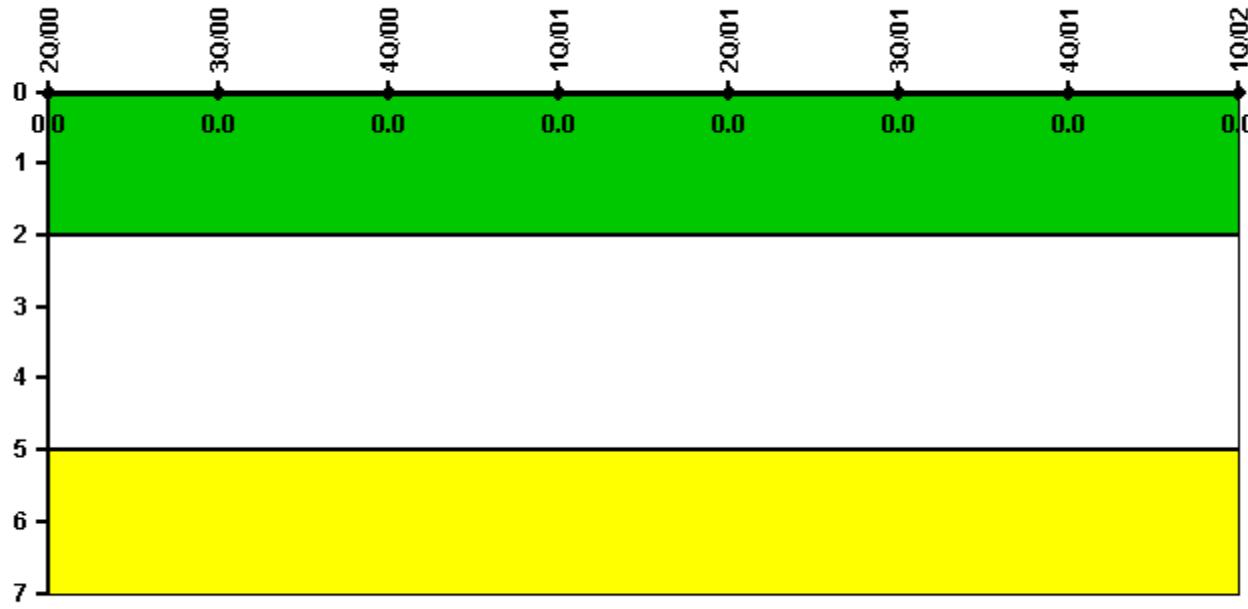


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
IDS compensatory hours	83.09	142.30	50.70	21.00	67.00	105.90	50.40	30.30
CCTV compensatory hours	74.1	21.7	26.3	4.5	0	0	0	0
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.018	0.019	0.018	0.014	0.009	0.007	0.006	0.006

Licensee Comments: none

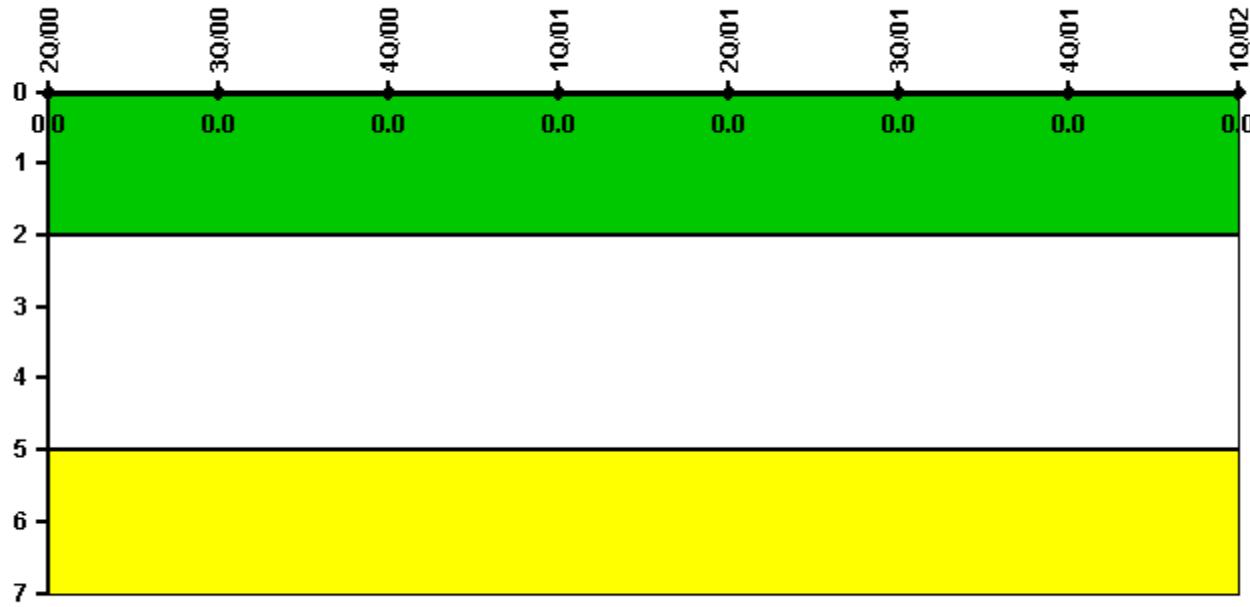
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/00	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

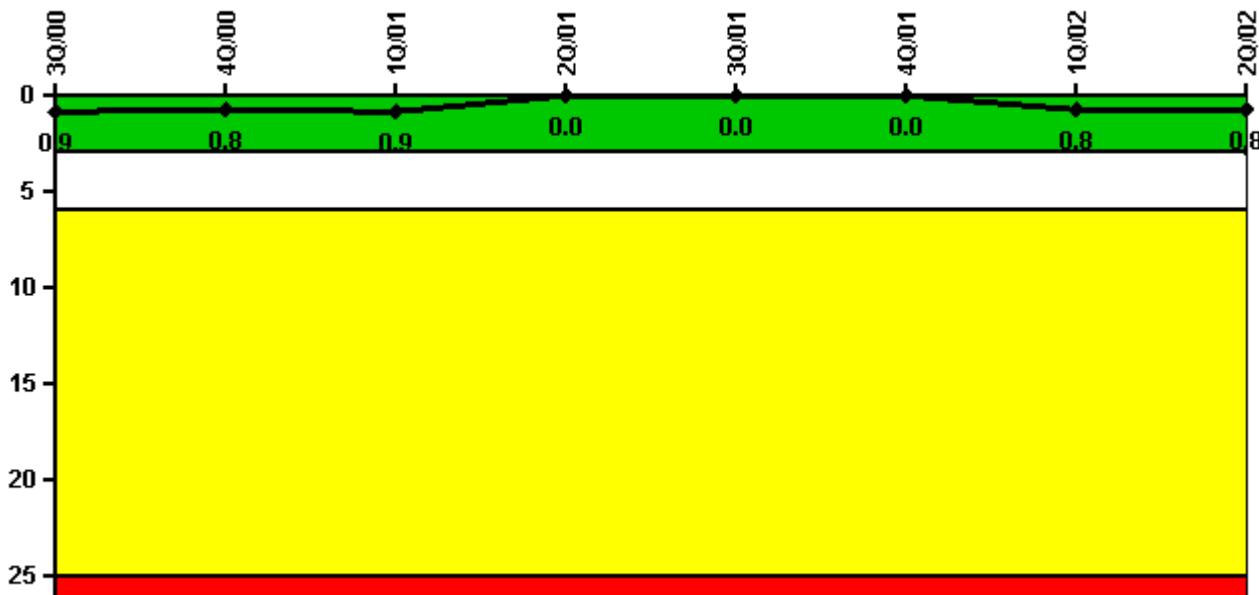
Last Modified: May 1, 2002

McGuire 1

2Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2208.0	2209.0	1505.2	1830.2	2208.0	2209.0	2100.6	2183.0
Indicator value	0.9	0.8	0.9	0	0	0	0.8	0.8

Licensee Comments: none

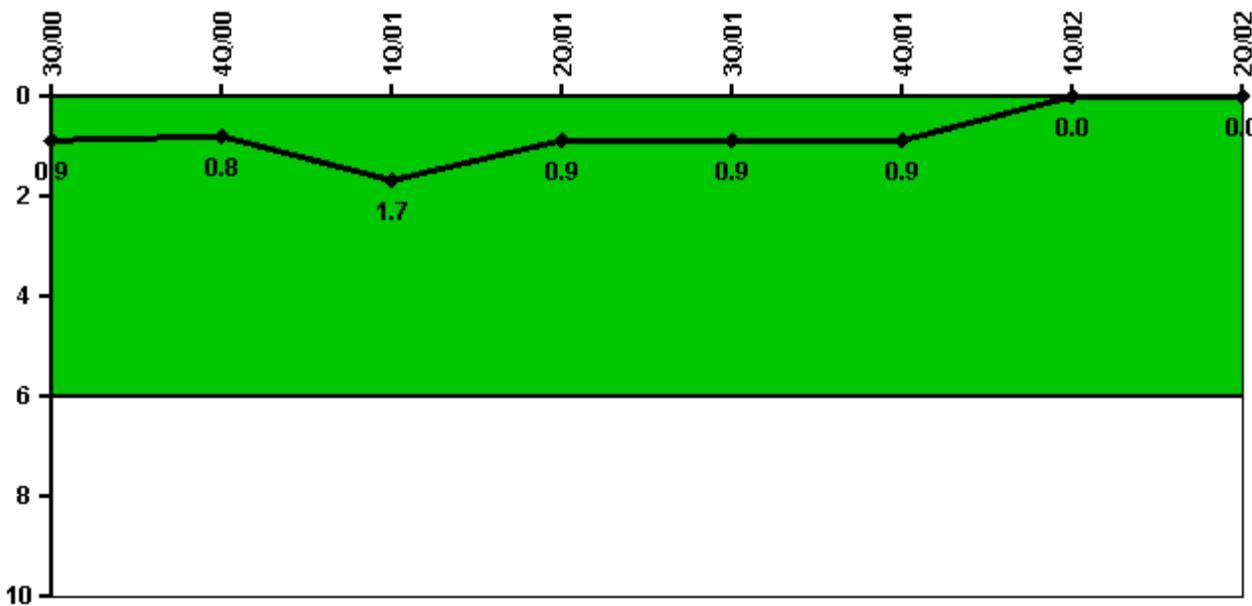
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

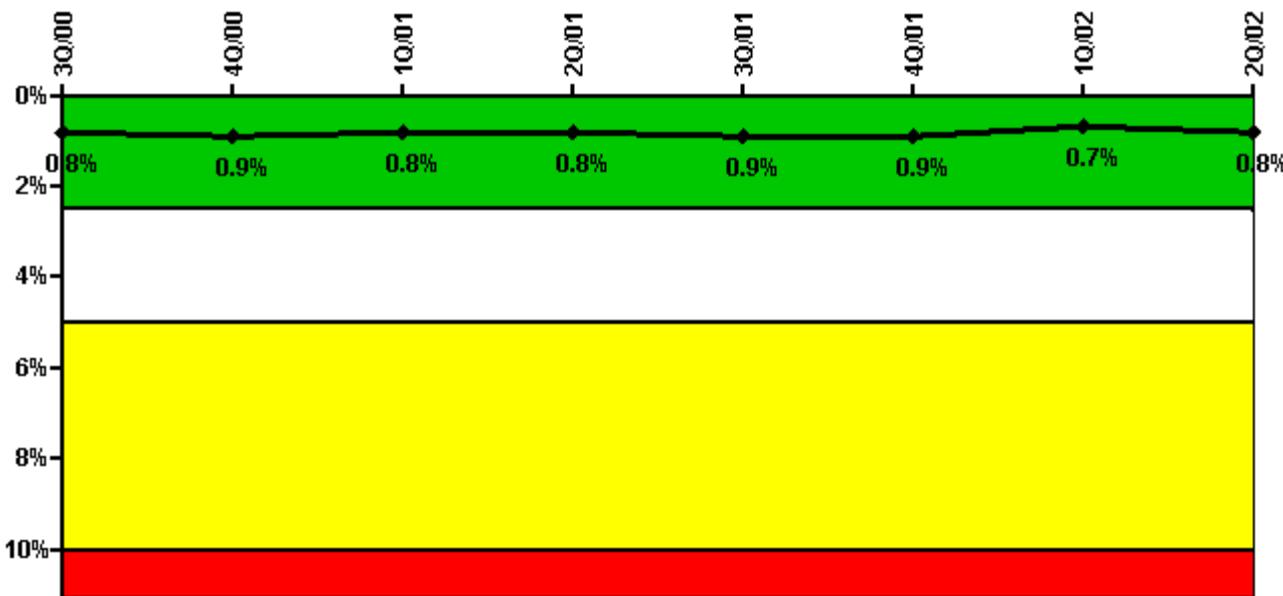
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	1505.2	1830.2	2208.0	2209.0	2100.6	2183.0
Indicator value	0.9	0.8	1.7	0.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



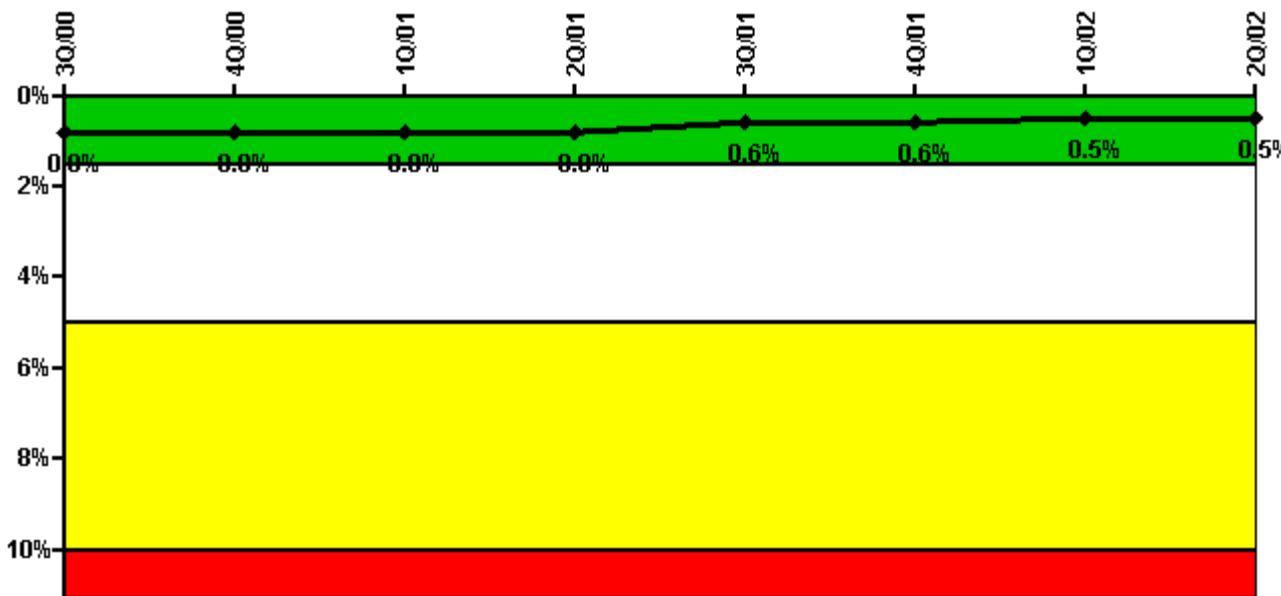
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	2.60	16.60	0.30	12.50	13.74	15.28	1.88	2.14
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	13.40	16.80	11.71	14.51	2.60	13.20	2.12	19.38
Unplanned unavailable hours	0	11.00	5.02	0	21.00	0	0	42.50
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.8%	0.9%	0.8%	0.8%	0.9%	0.9%	0.7%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

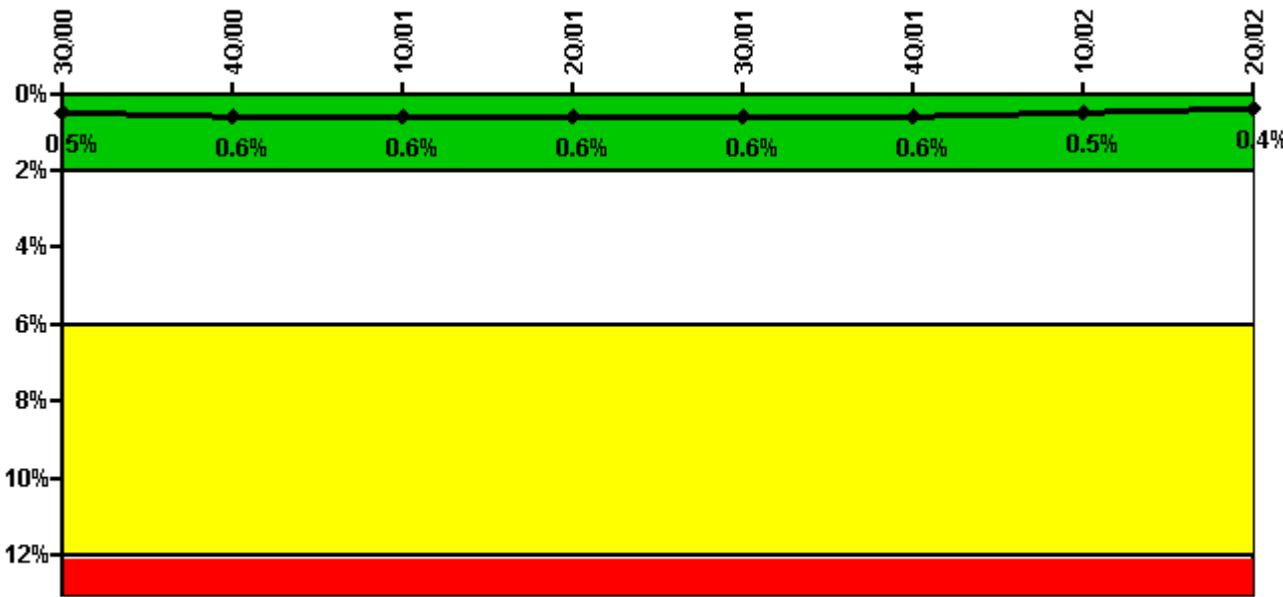
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	2.30	12.20	0.20	0.50	0.20	0.70	0.20	0.25
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1550.00	1880.80	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	0.80	9.40	9.80	7.50	0.30	9.50	9.35	3.60
Unplanned unavailable hours	41.10	10.30	3.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1578.50	1866.60	2208.00	2209.00	2160.00	2183.00
Train 3								
Planned unavailable hours	2.80	12.30	0.20	2.90	4.60	11.80	1.14	0.92
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1550.00	1866.60	2208.00	2209.00	2160.00	2183.00
Train 4								
Planned unavailable hours	0.80	0.30	9.40	20.70	0	10.70	7.43	3.06
Unplanned unavailable hours	0	10.30	3.80	0	0	0	0	0.02
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2208.00	2209.00	1550.00	1866.60	2208.00	2209.00	2160.00	2183.00
Indicator value	0.8%	0.8%	0.8%	0.8%	0.8%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

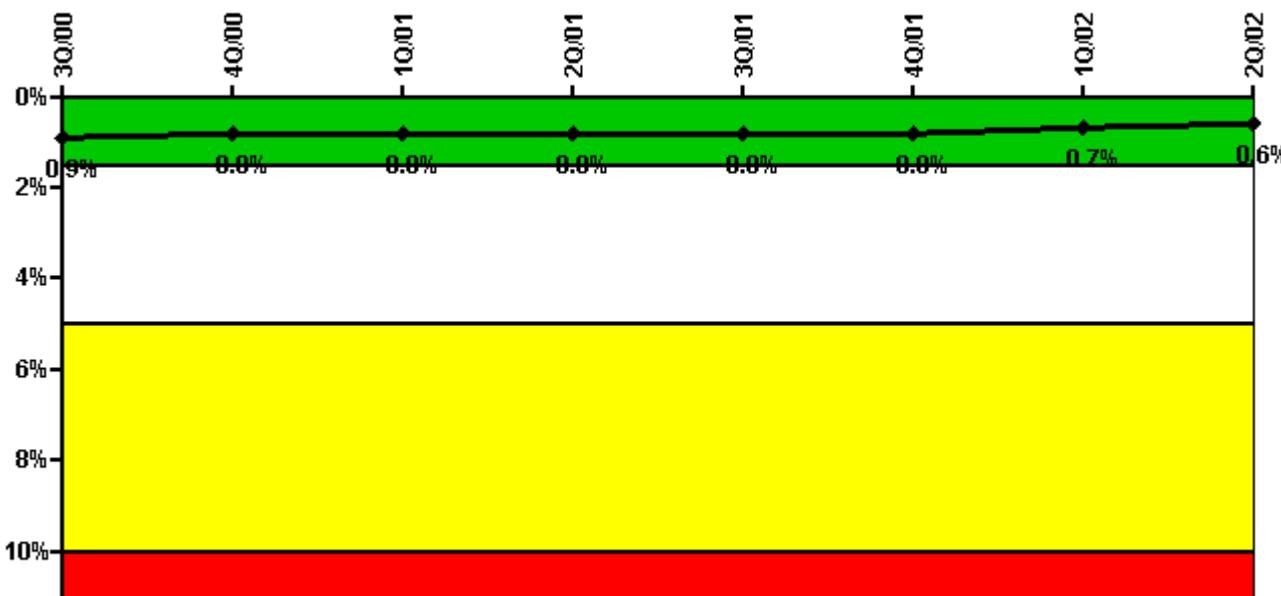
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	4.50	13.10	1.40	9.30	1.50	3.90	4.20	0.90
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	11.10	1.50	14.60	8.70	5.00	5.30	1.08	12.53
Unplanned unavailable hours	0	10.30	3.80	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00
Train 3								

Planned unavailable hours	1.20	1.20	2.60	2.90	10.70	3.20	11.63	14.27
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2208.00	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00
Indicator value	0.5%	0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

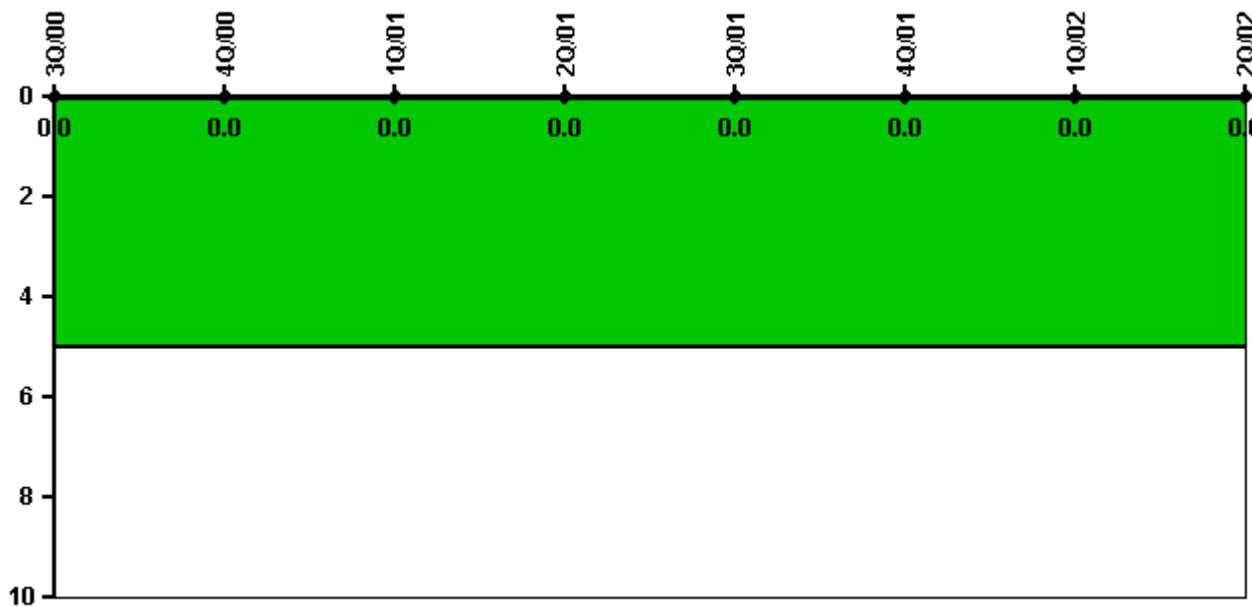
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Train 1								
Planned unavailable hours	17.50	17.25	4.43	10.18	0	11.50	8.00	0
Unplanned unavailable hours	0	0	0	0.83	0	0	0	0.87
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	1.50	0	25.18	16.58	2.47	3.48	11.00	18.40
Unplanned unavailable hours	0	10.25	3.77	0	0	0	0	0

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.9%	0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)



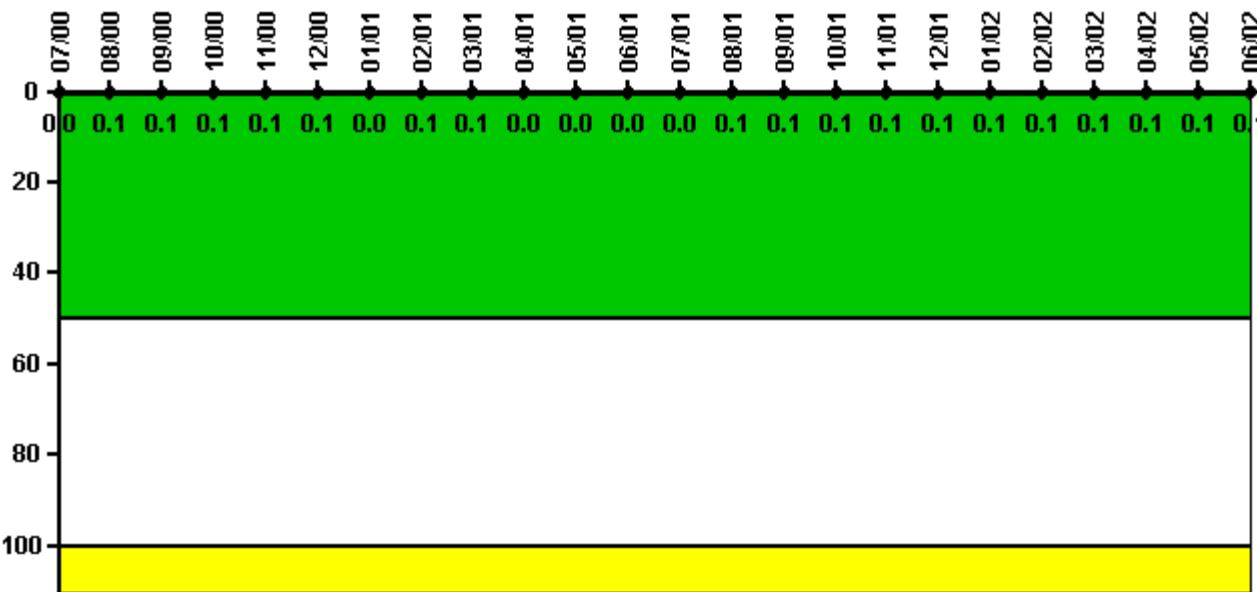
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



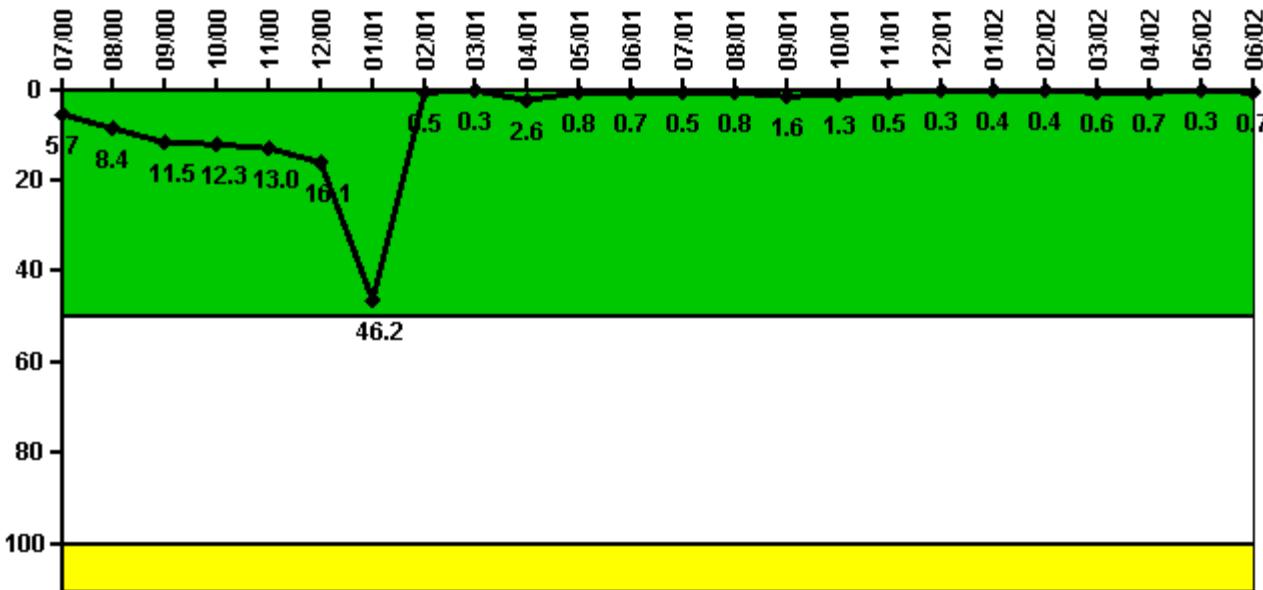
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum activity	0.000420	0.000840	0.000510	0.000540	0.000520	0.000760	0.000260	0.000650	0.000610	0.000360	0.000420	0.000480
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0	0.1	0.1	0	0	0
Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000490	0.000540	0.000510	0.000510	0.000780	0.000590	0.001280	0.000620	0.000660	0.001296	0.001028	0.000827
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

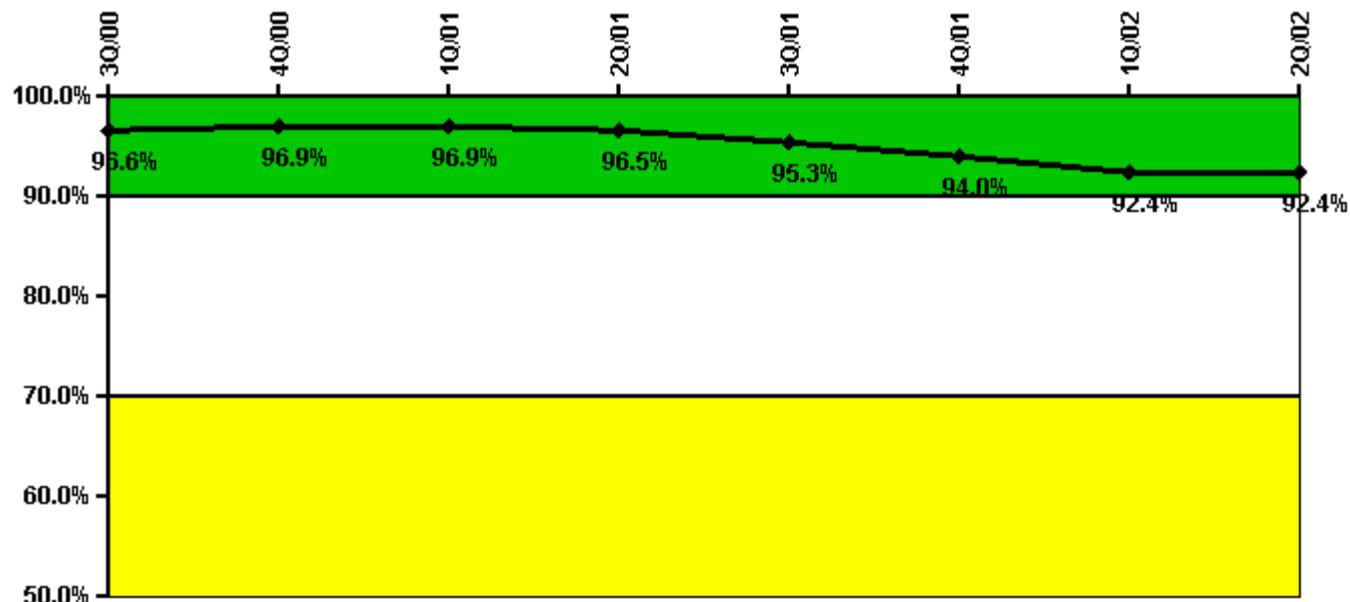
Notes

Reactor Coolant System Leakage	7/00	8/00	9/00	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01
Maximum leakage	0.568	0.838	1.151	1.233	1.296	1.610	4.624	0.052	0.028	0.264	0.082	0.066
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	5.7	8.4	11.5	12.3	13.0	16.1	46.2	0.5	0.3	2.6	0.8	0.7

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.049	0.083	0.158	0.133	0.047	0.034	0.038	0.035	0.062	0.065	0.029	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.8	1.6	1.3	0.5	0.3	0.4	0.4	0.6	0.7	0.3	0.7

Licensee Comments: none

Drill/Exercise Performance

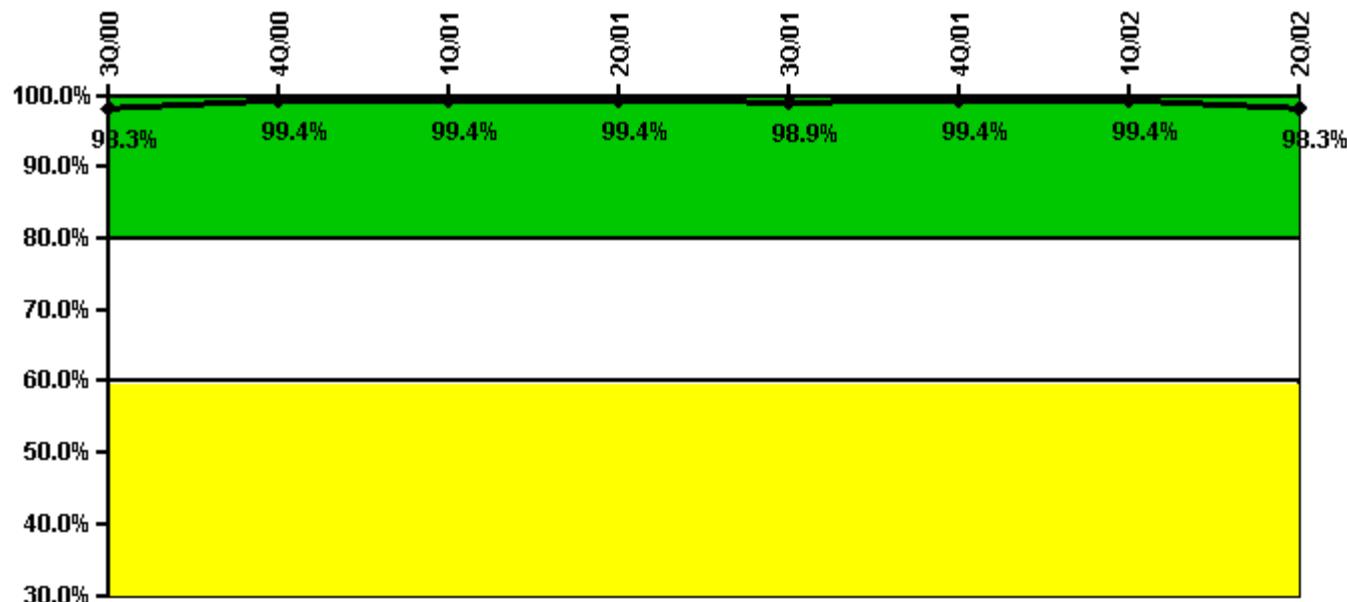


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful opportunities	0	17.0	5.0	11.0	11.0	46.0	7.0	12.0
Total opportunities	0	18.0	5.0	11.0	14.0	50.0	8.0	12.0
Indicator value	96.6%	96.9%	96.9%	96.5%	95.3%	94.0%	92.4%	92.4%

Licensee Comments: none

ERO Drill Participation

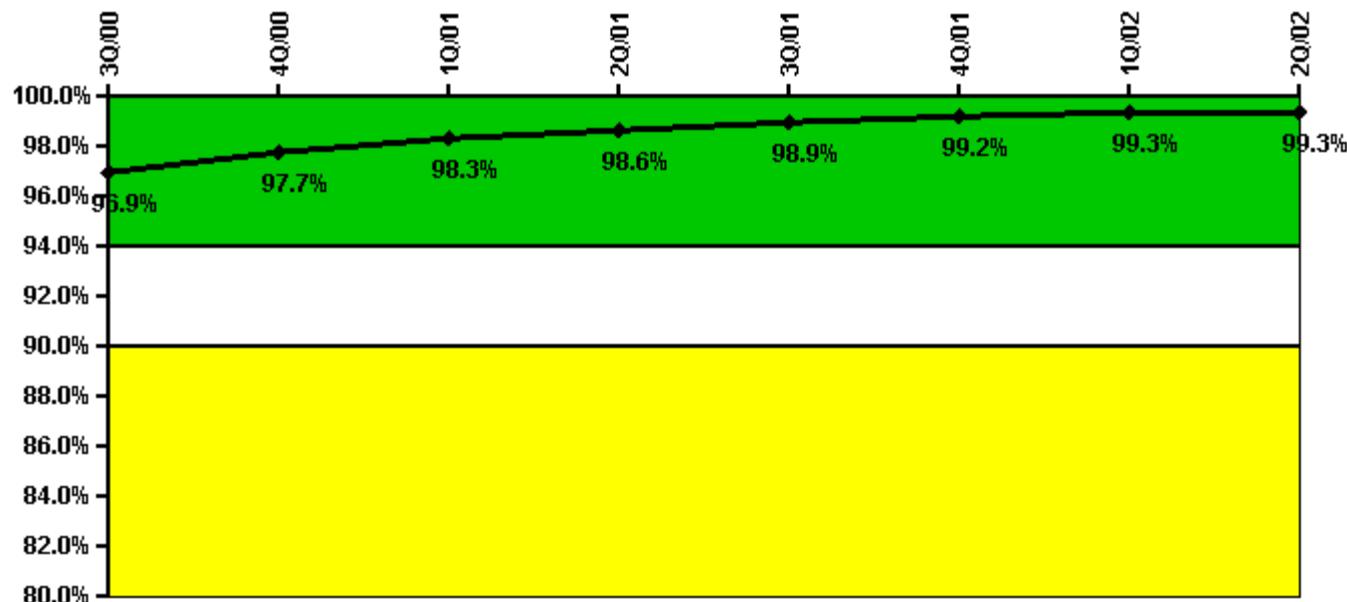
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Participating Key personnel	173.0	178.0	177.0	174.0	174.0	175.0	171.0	175.0
Total Key personnel	176.0	179.0	178.0	175.0	176.0	176.0	172.0	178.0
Indicator value	98.3%	99.4%	99.4%	99.4%	98.9%	99.4%	99.4%	98.3%

Licensee Comments: none

Alert & Notification System

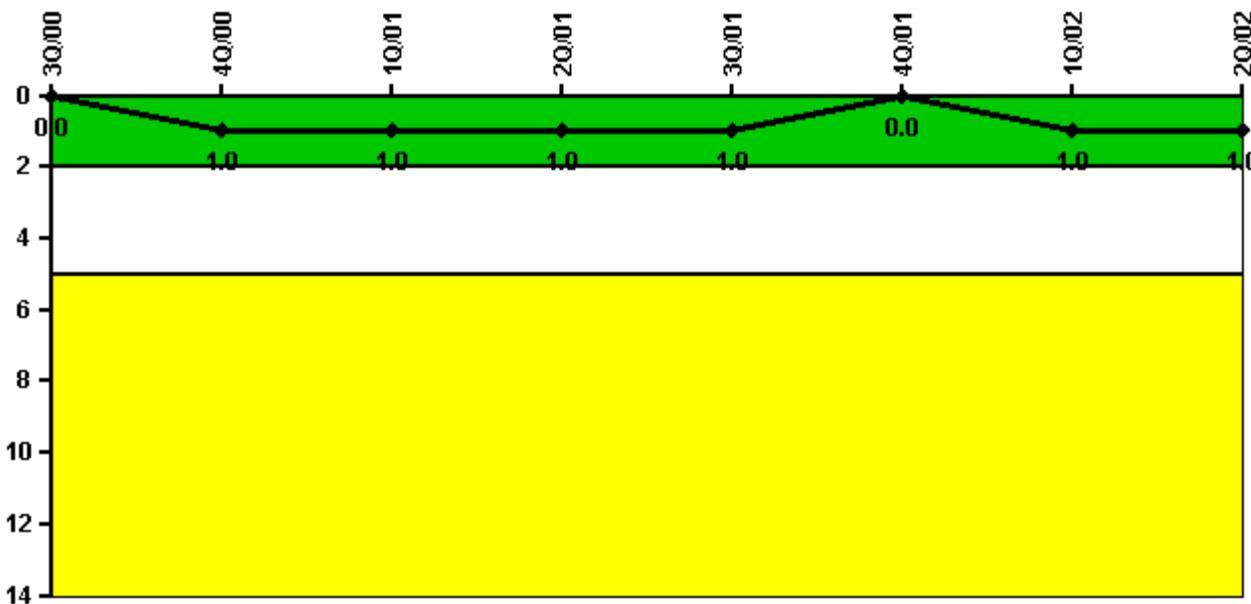


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Successful siren-tests	1510	1460	1557	1726	1727	1737	1730	1726
Total sirens-tests	1540	1484	1575	1742	1742	1742	1742	1742
Indicator value	96.9%	97.7%	98.3%	98.6%	98.9%	99.2%	99.3%	99.3%

Licensee Comments: none

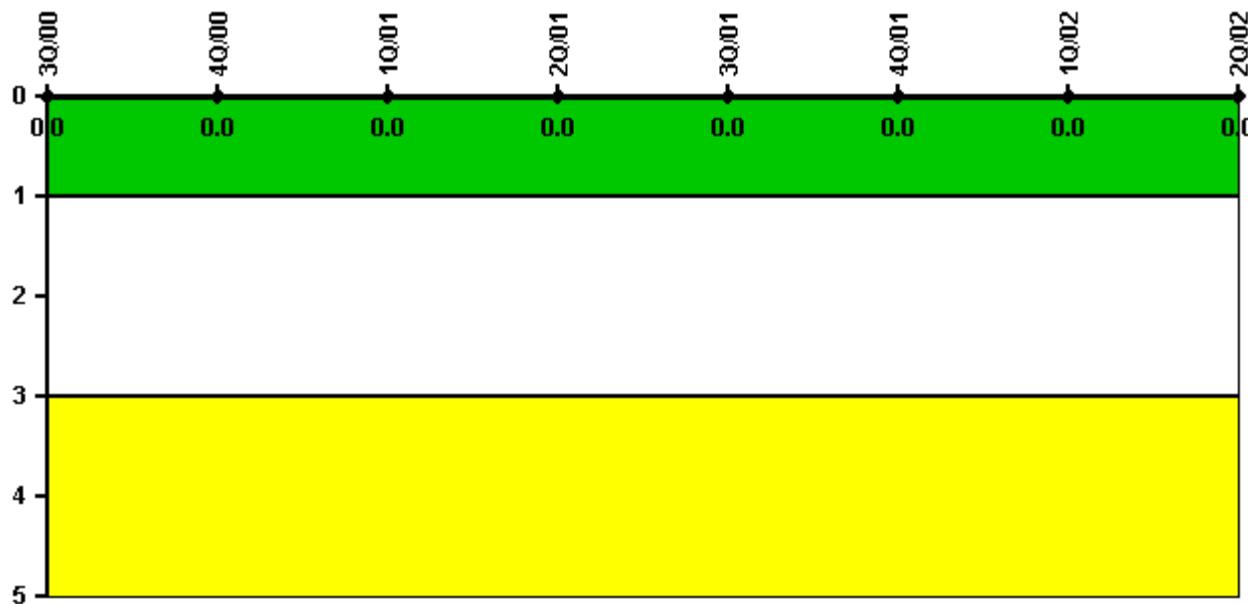
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
High radiation area occurrences	0	1	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

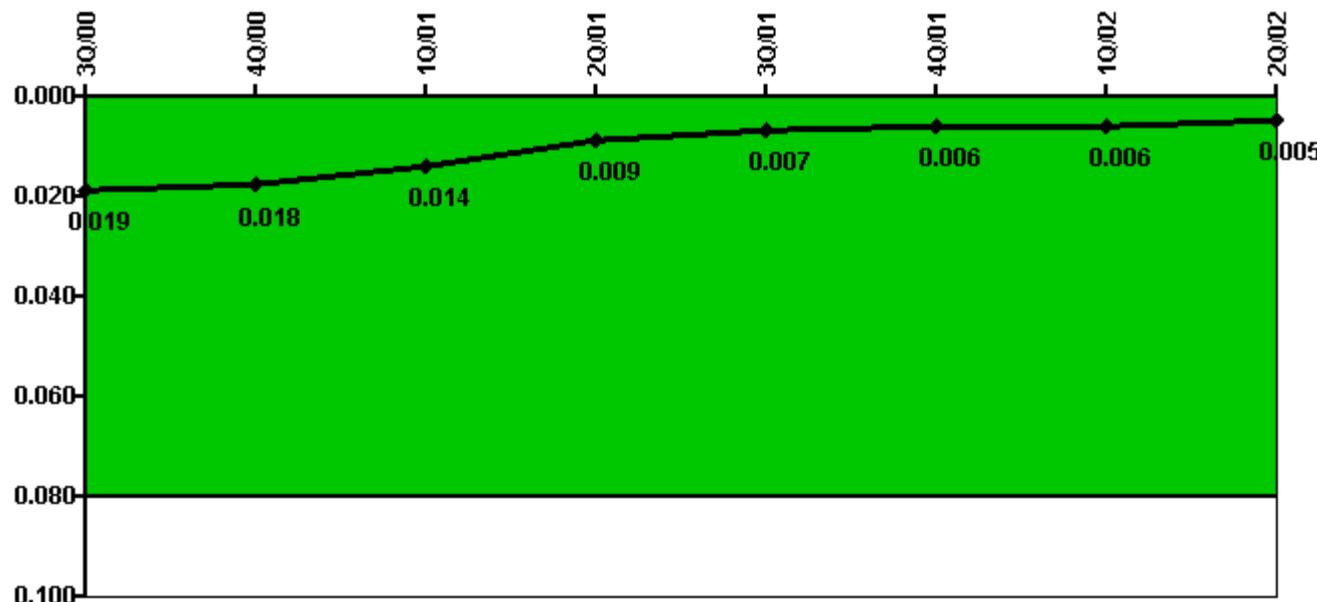
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

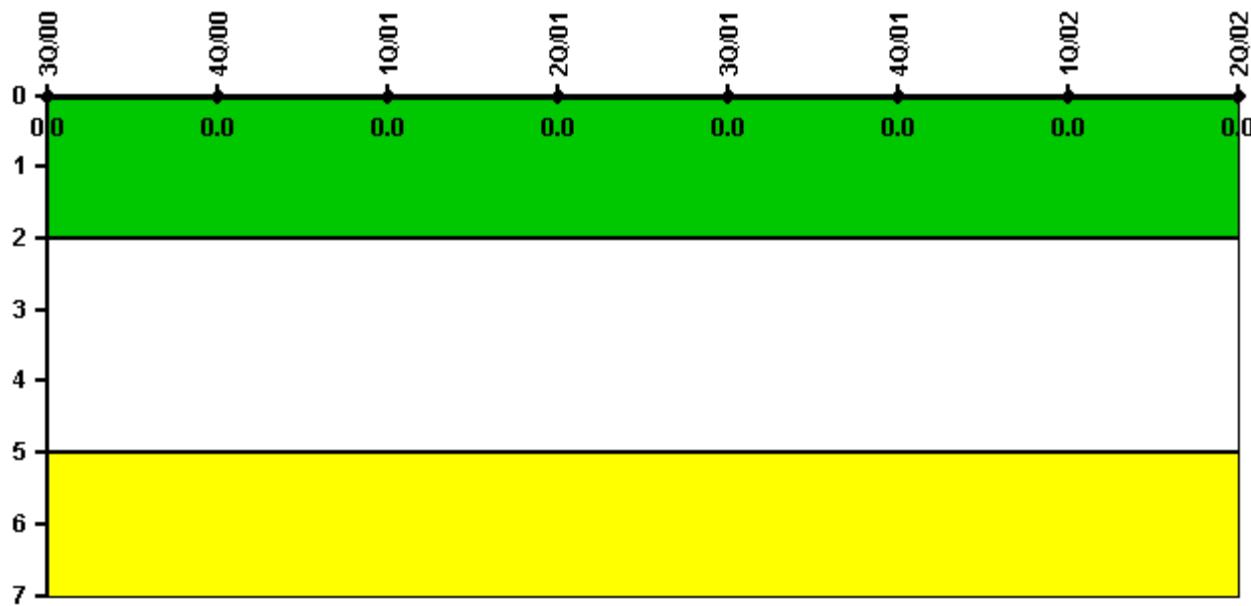


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
IDS compensatory hours	142.30	50.70	21.00	67.00	105.90	50.40	30.30	28.80
CCTV compensatory hours	21.7	26.3	4.5	0	0	0	0	1.7
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.019	0.018	0.014	0.009	0.007	0.006	0.006	0.005

Licensee Comments: none

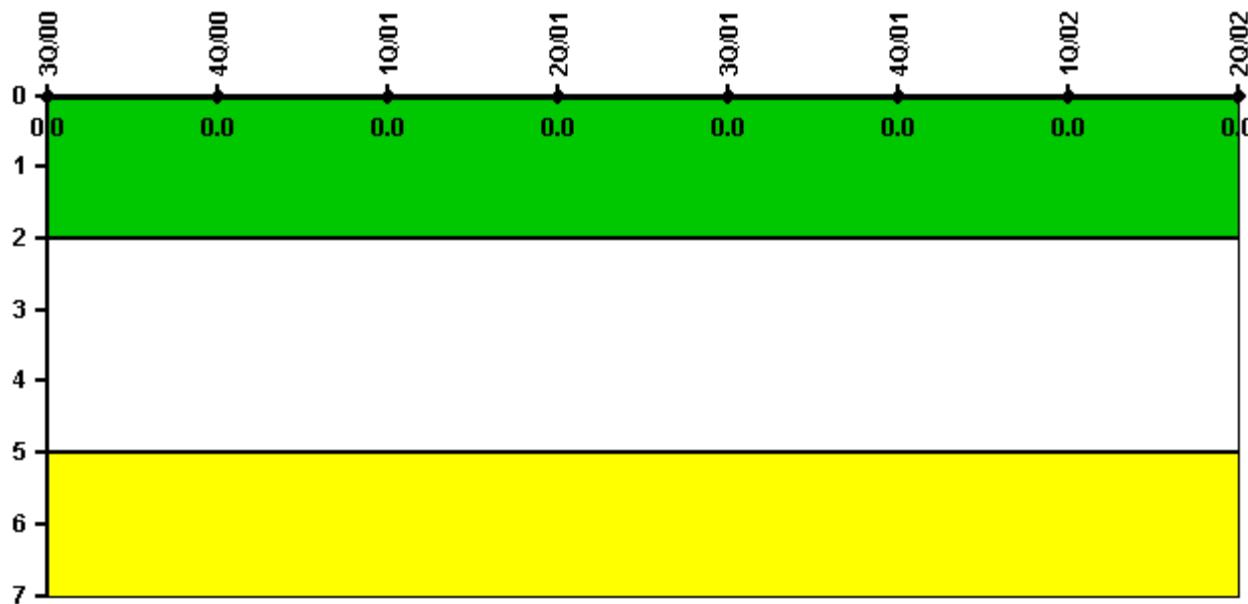
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/00	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

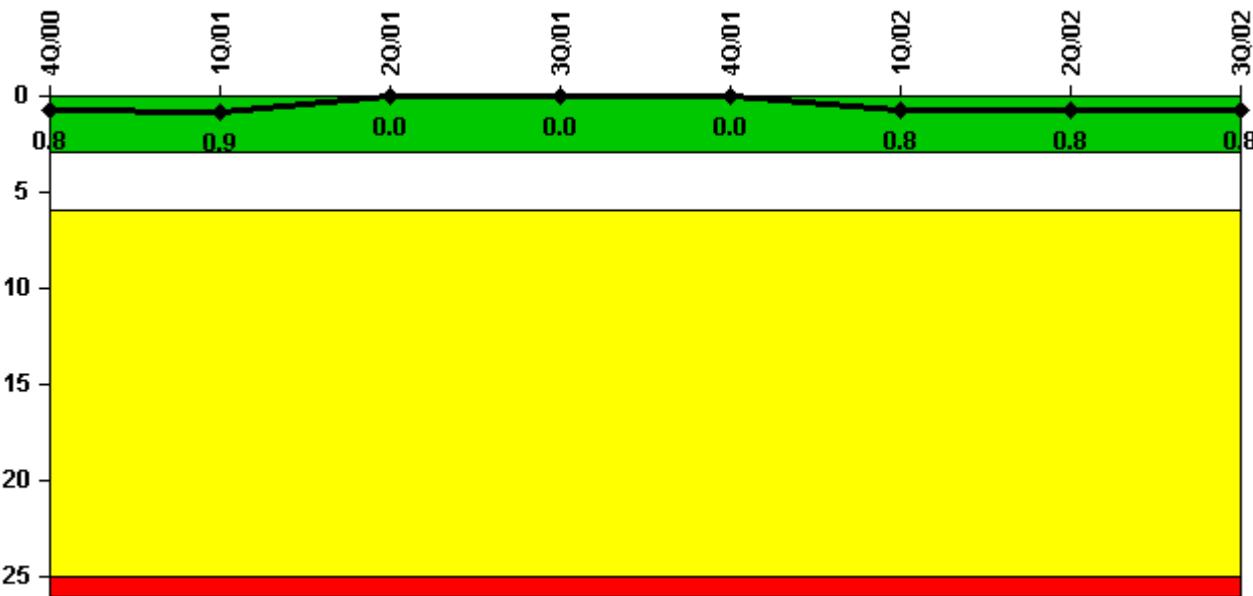
Last Modified: July 31, 2002

McGuire 1

3Q/2002 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

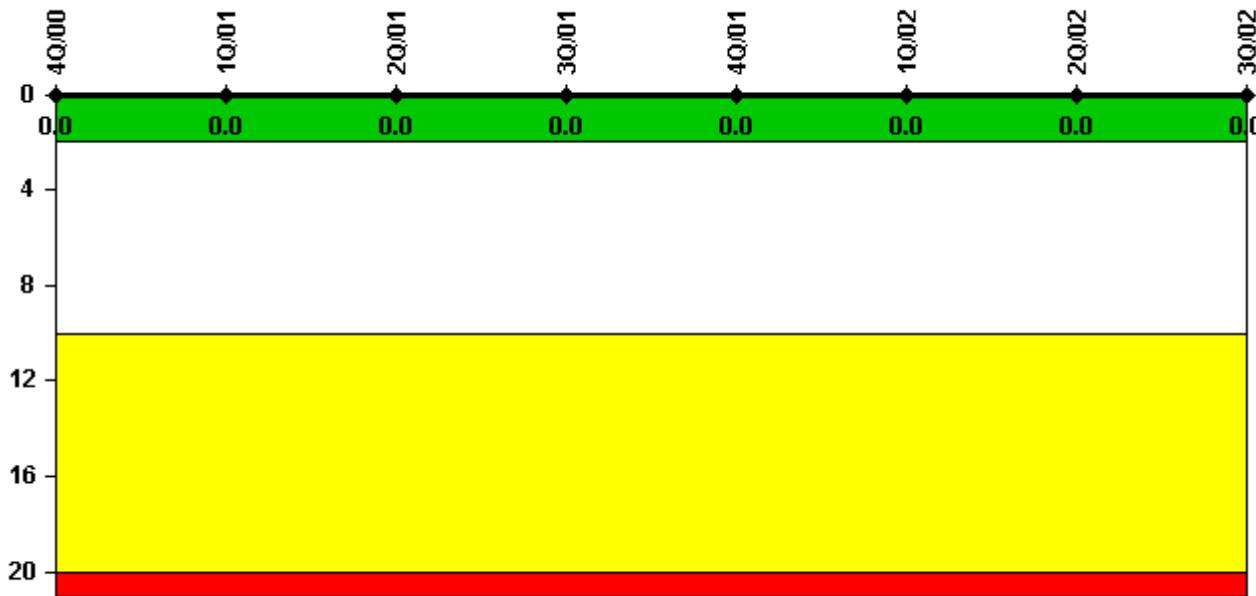


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2209.0	1505.2	1830.2	2208.0	2209.0	2100.6	2183.0	1798.8
Indicator value	0.8	0.9	0	0	0	0.8	0.8	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

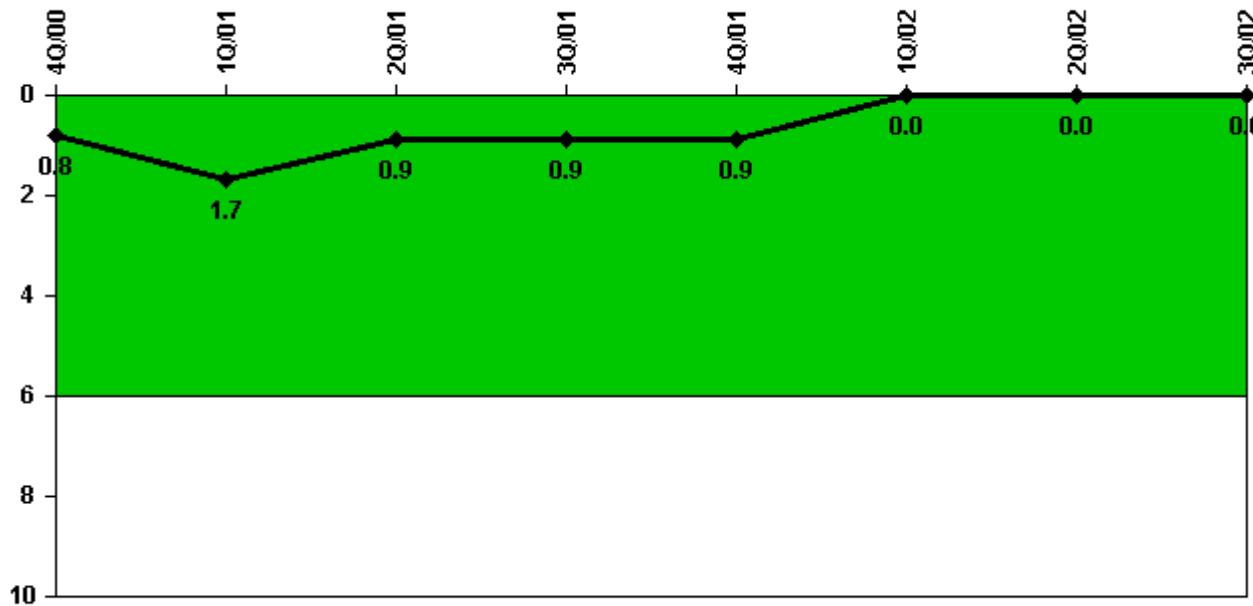
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



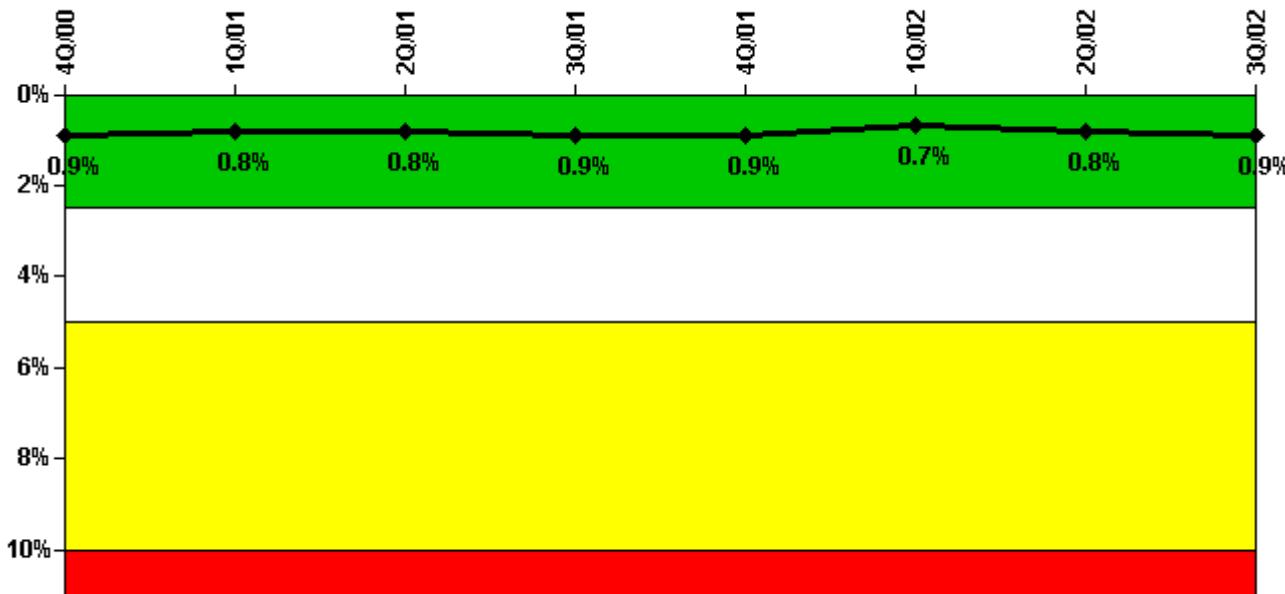
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	1505.2	1830.2	2208.0	2209.0	2100.6	2183.0	1798.8
Indicator value	0.8	1.7	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



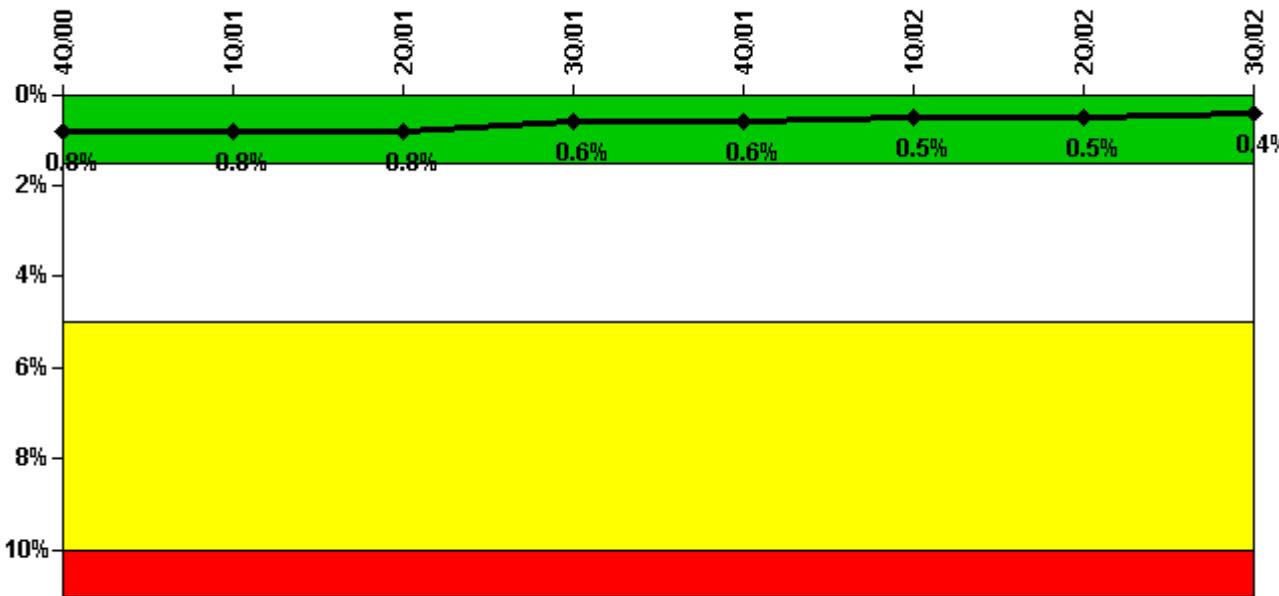
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	16.60	0.30	12.50	13.74	15.28	1.88	2.14	53.91
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	16.80	11.71	14.51	2.60	13.20	2.12	19.38	21.28
Unplanned unavailable hours	11.00	5.02	0	21.00	0	0	42.50	1.20
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.9%	0.8%	0.8%	0.9%	0.9%	0.7%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



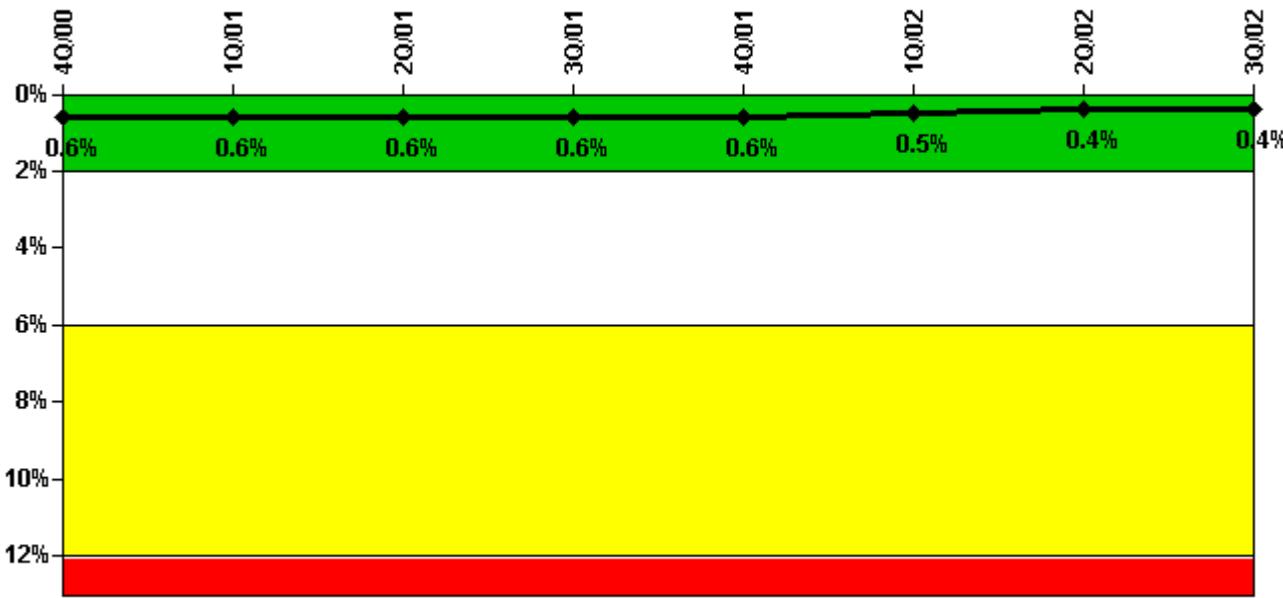
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1								
Planned unavailable hours	12.20	0.20	0.50	0.20	0.70	0.20	0.25	13.05
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1550.00	1880.80	2208.00	2209.00	2160.00	2183.00	1806.90
Train 2								
Planned unavailable hours	9.40	9.80	7.50	0.30	9.50	9.35	3.60	5.55
Unplanned unavailable hours	10.30	3.80	0	0	0	0	0	16.75
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1578.50	1866.60	2208.00	2209.00	2160.00	2183.00	1816.10
Train 3								
Planned unavailable hours	12.30	0.20	2.90	4.60	11.80	1.14	0.92	5.48
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1550.00	1866.60	2208.00	2209.00	2160.00	2183.00	1806.90
Train 4								
Planned unavailable hours	0.30	9.40	20.70	0	10.70	7.43	3.06	0.98
Unplanned unavailable hours	10.30	3.80	0	0	0	0	0.02	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1550.00	1866.60	2208.00	2209.00	2160.00	2183.00	1806.90
Indicator value	0.8%	0.8%	0.8%	0.6%	0.6%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



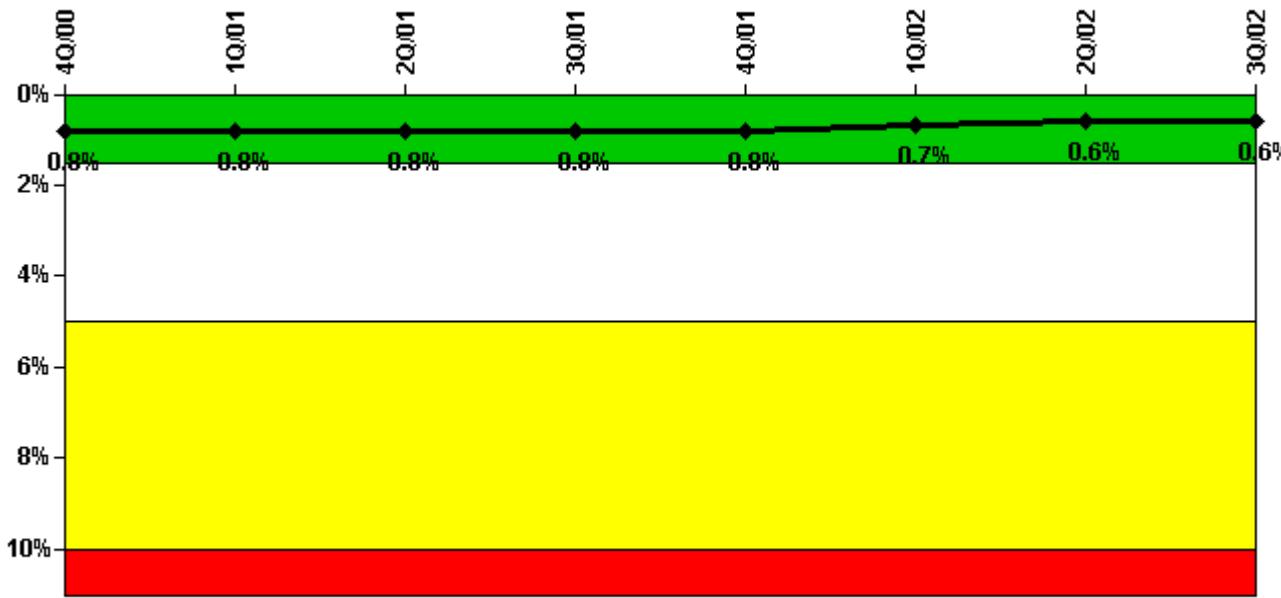
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1									
Planned unavailable hours		13.10	1.40	9.30	1.50	3.90	4.20	0.90	10.42
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00
Train 2									
Planned unavailable hours		1.50	14.60	8.70	5.00	5.30	1.08	12.53	0.90
Unplanned unavailable hours		10.30	3.80	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00
Train 3									
Planned unavailable hours		1.20	2.60	2.90	10.70	3.20	11.63	14.27	11.32
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00
Indicator value		0.6%	0.6%	0.6%	0.6%	0.6%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

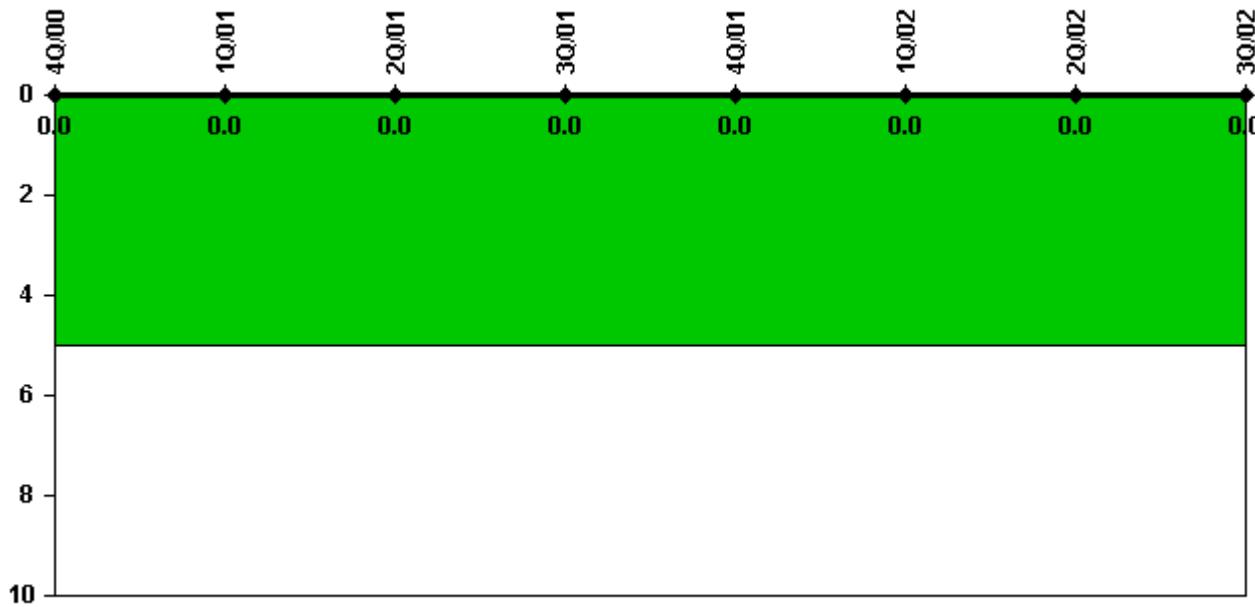


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Train 1									
Planned unavailable hours		17.25	4.43	10.18	0	11.50	8.00	0	14.25
Unplanned unavailable hours		0	0	0.83	0	0	0	0.87	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2									
Planned unavailable hours		0	25.18	16.58	2.47	3.48	11.00	18.40	7.05
Unplanned unavailable hours		10.25	3.77	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value		0.8%	0.8%	0.8%	0.8%	0.8%	0.7%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)

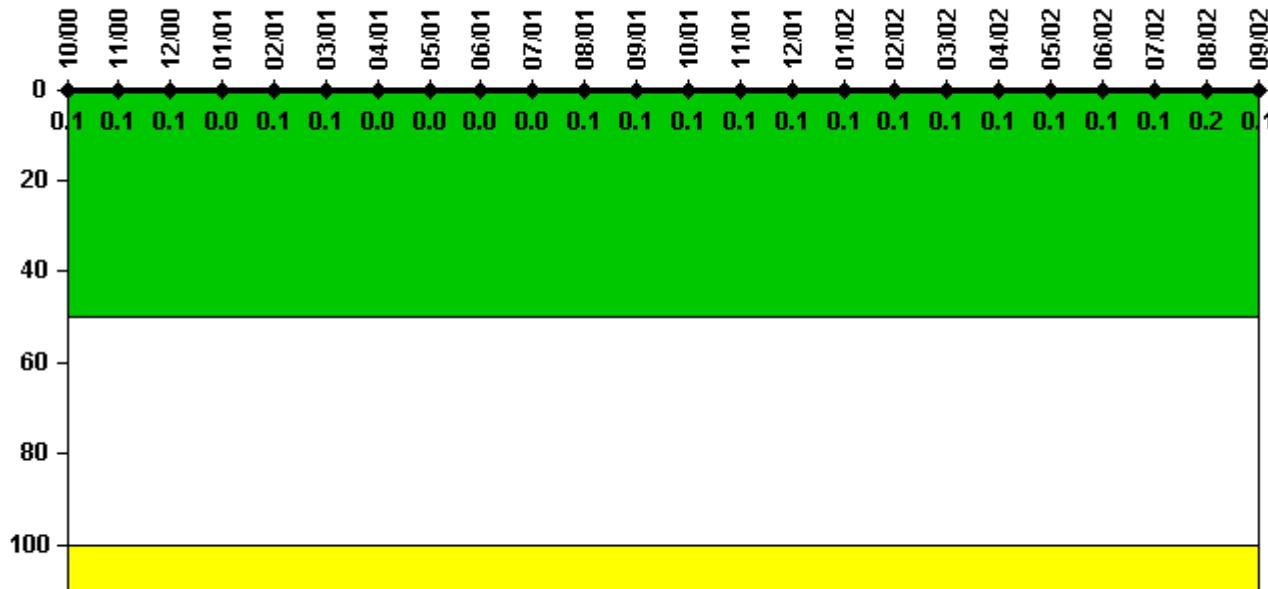
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



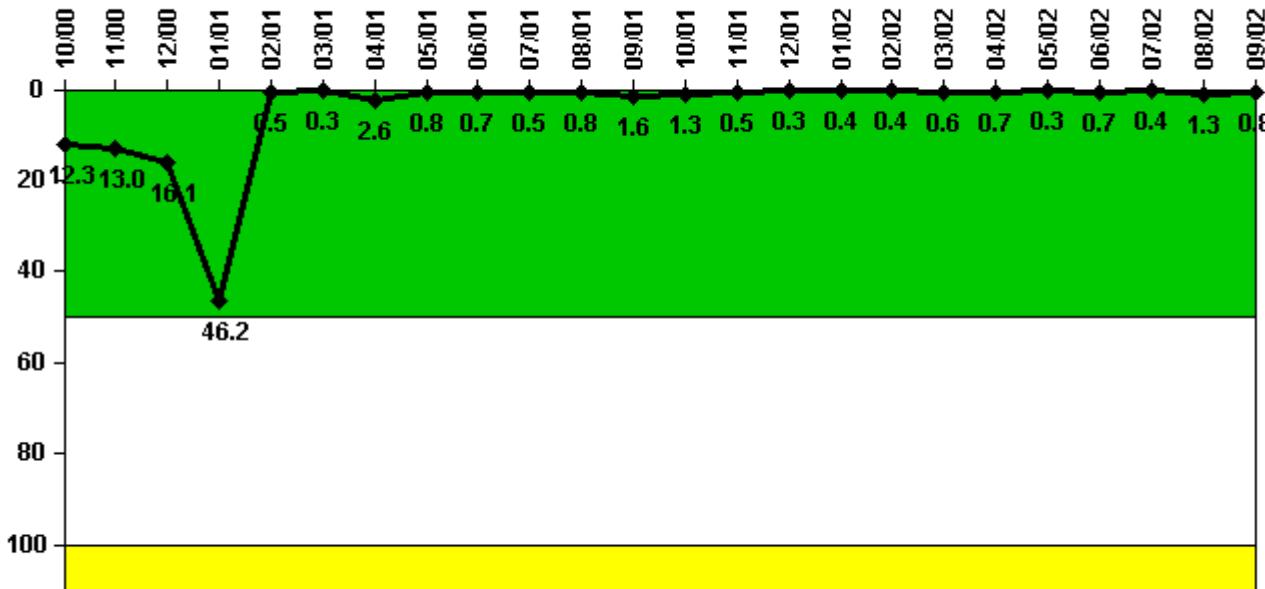
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum activity	0.000540	0.000520	0.000760	0.000260	0.000650	0.000610	0.000360	0.000420	0.000480	0.000490	0.000540	0.000510
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0.1	0.1	0	0	0	0	0.1	0.1
Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000510	0.000780	0.000590	0.001280	0.000620	0.000660	0.001296	0.001028	0.000827	0.000840	0.001550	0.000810
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1

Licensee Comments: none

Reactor Coolant System Leakage



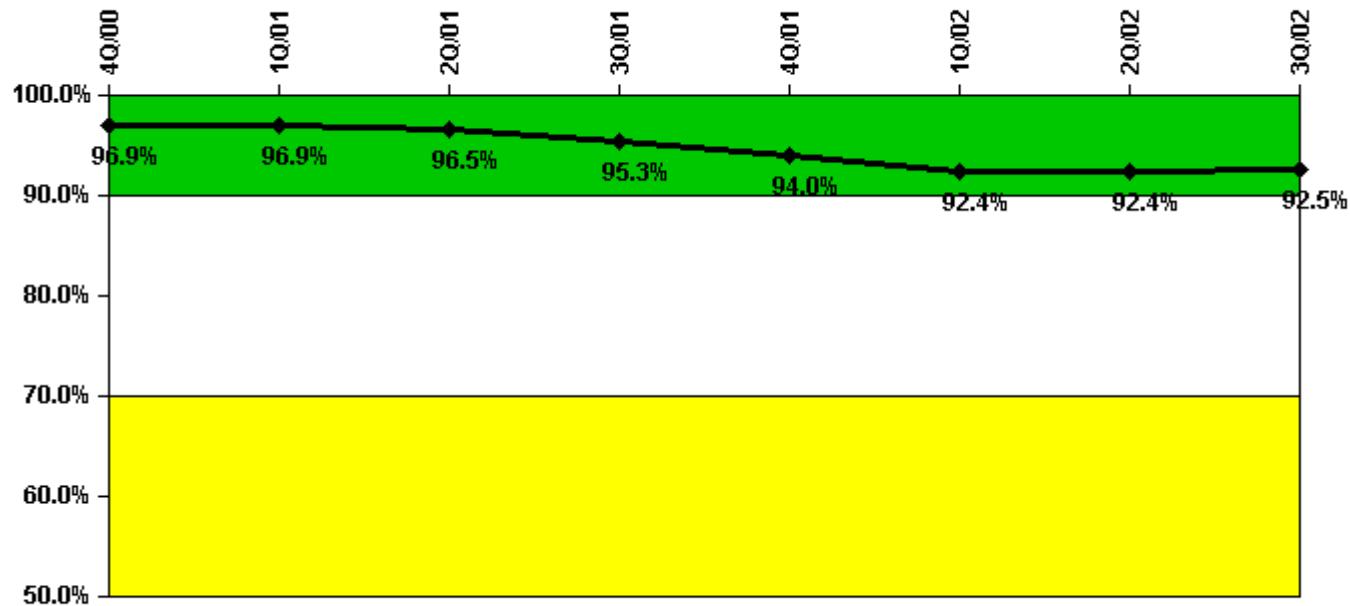
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/00	11/00	12/00	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01
Maximum leakage	1.233	1.296	1.610	4.624	0.052	0.028	0.264	0.082	0.066	0.049	0.083	0.158
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	12.3	13.0	16.1	46.2	0.5	0.3	2.6	0.8	0.7	0.5	0.8	1.6
Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.133	0.047	0.034	0.038	0.035	0.062	0.065	0.029	0.070	0.039	0.125	0.079
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.5	0.3	0.4	0.4	0.6	0.7	0.3	0.7	0.4	1.3	0.8

Licensee Comments: none

Drill/Exercise Performance



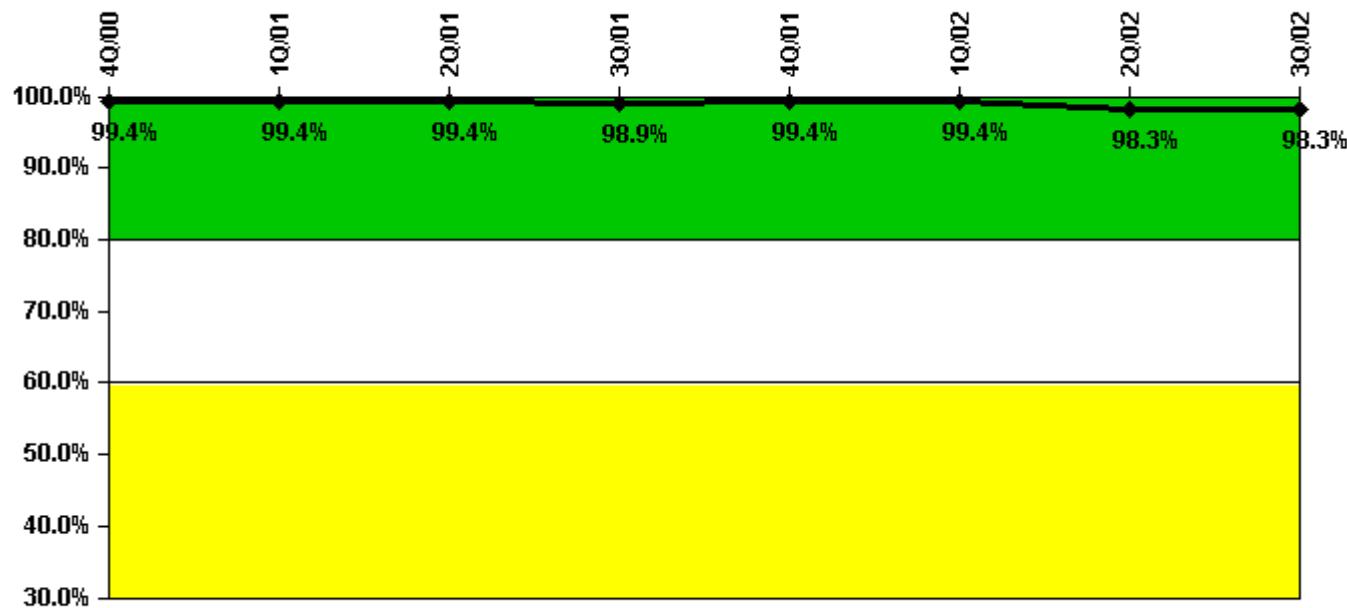
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful opportunities	17.0	5.0	11.0	11.0	46.0	7.0	12.0	2.0
Total opportunities	18.0	5.0	11.0	14.0	50.0	8.0	12.0	2.0
Indicator value	96.9%	96.9%	96.5%	95.3%	94.0%	92.4%	92.4%	92.5%

Licensee Comments: none

ERO Drill Participation



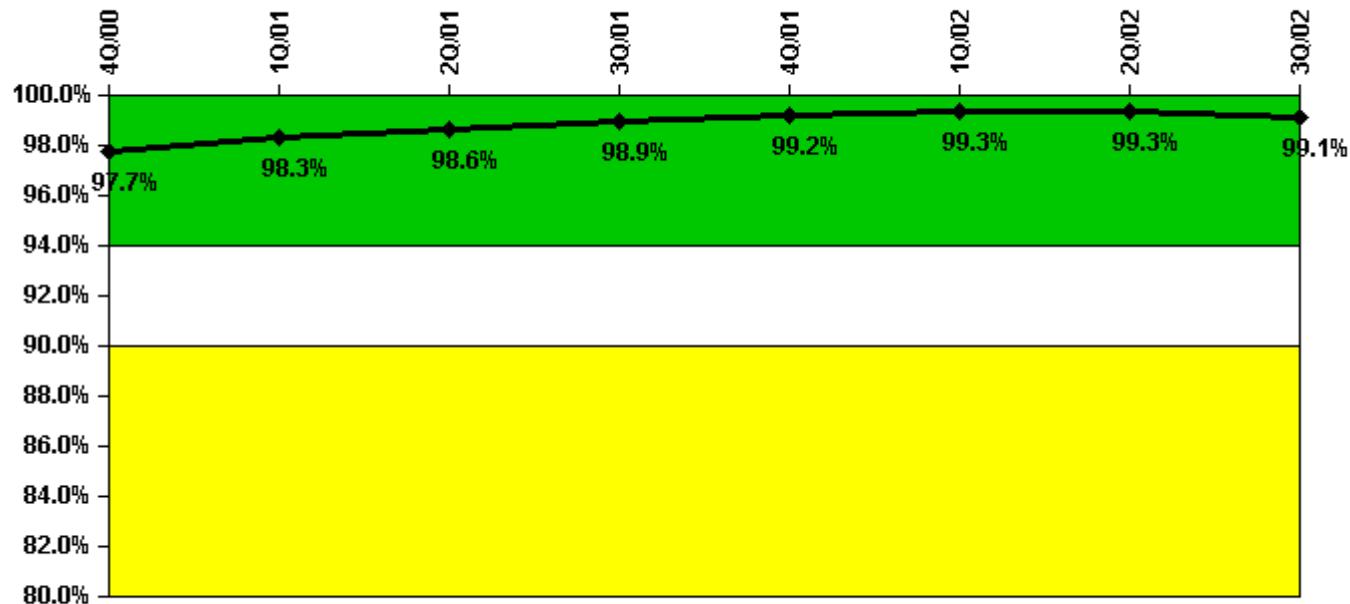
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Participating Key personnel	178.0	177.0	174.0	174.0	175.0	171.0	175.0	173.0
Total Key personnel	179.0	178.0	175.0	176.0	176.0	172.0	178.0	176.0
Indicator value	99.4%	99.4%	99.4%	98.9%	99.4%	99.4%	98.3%	98.3%

Licensee Comments: none

Alert & Notification System



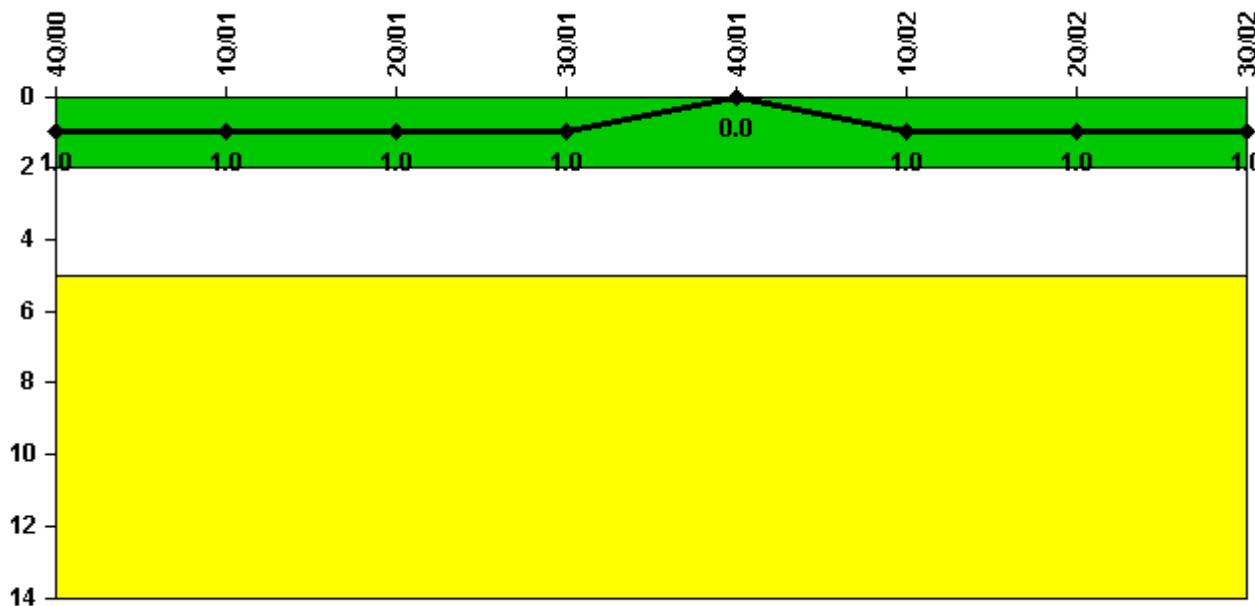
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Successful siren-tests	1460	1557	1726	1727	1737	1730	1726	1729
Total sirens-tests	1484	1575	1742	1742	1742	1742	1742	1758
Indicator value	97.7%	98.3%	98.6%	98.9%	99.2%	99.3%	99.3%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness

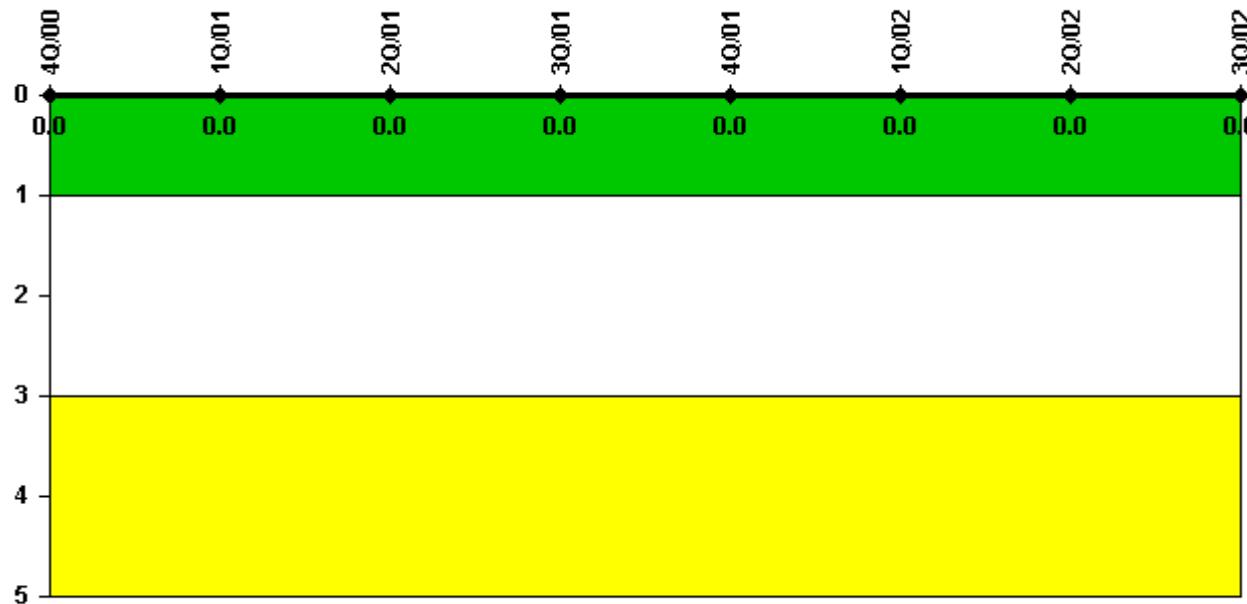


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
High radiation area occurrences	1	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

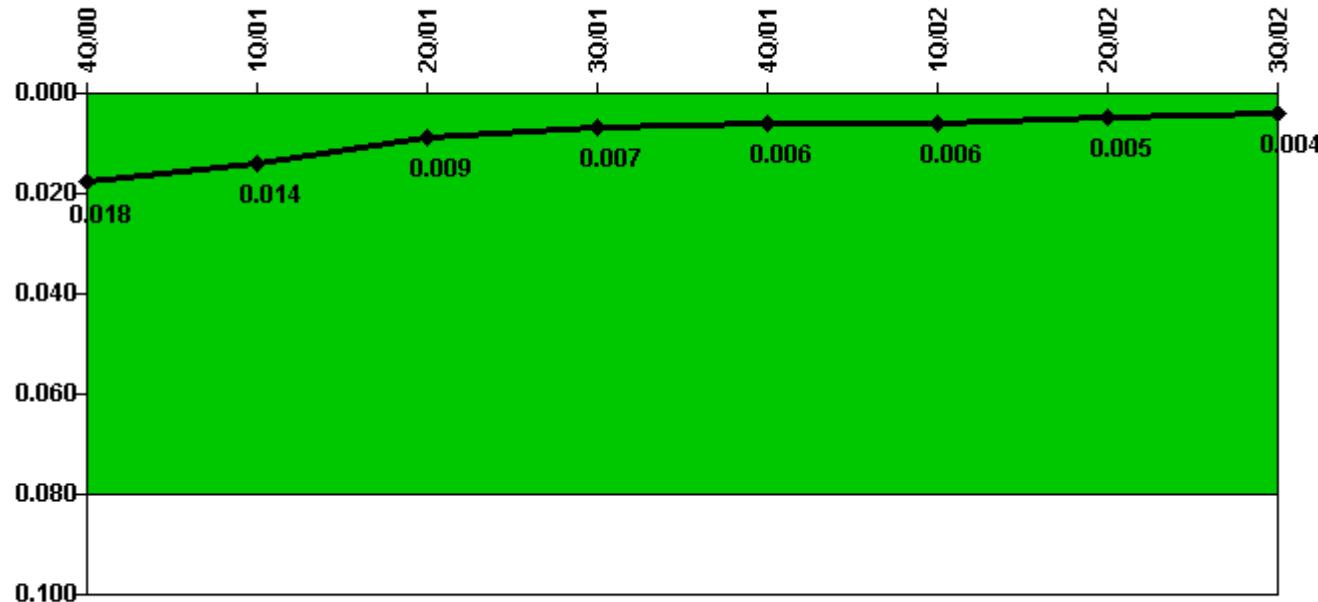
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

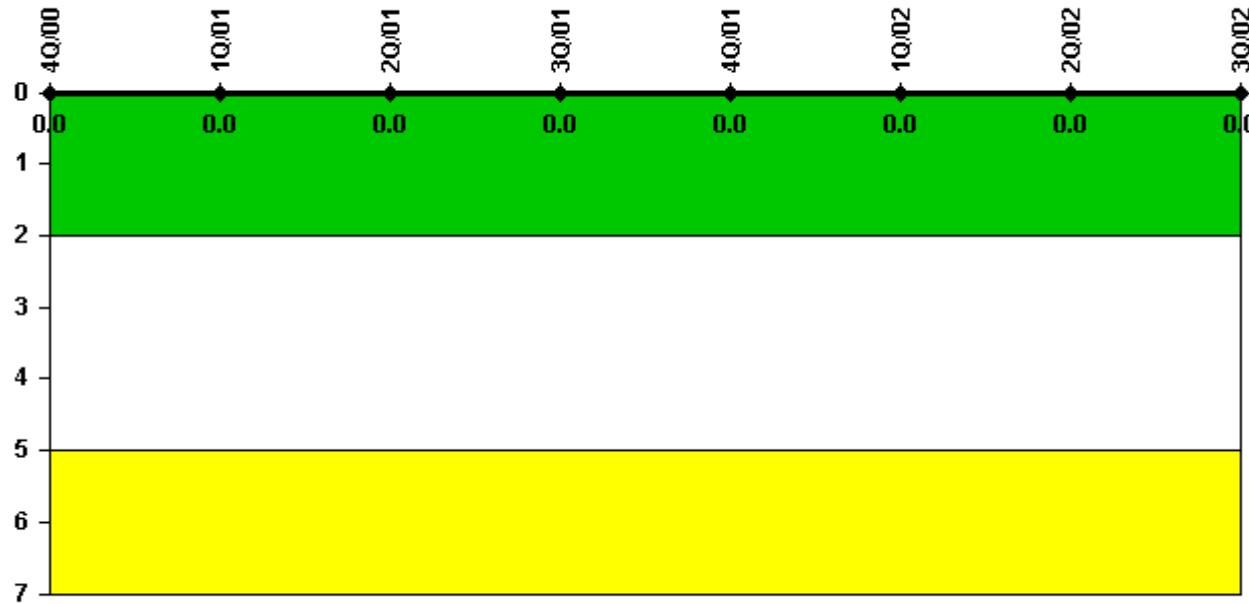


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
IDS compensatory hours	50.70	21.00	67.00	105.90	50.40	30.30	28.80	67.50
CCTV compensatory hours	26.3	4.5	0	0	0	0	1.7	0
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.018	0.014	0.009	0.007	0.006	0.006	0.005	0.004

Licensee Comments: none

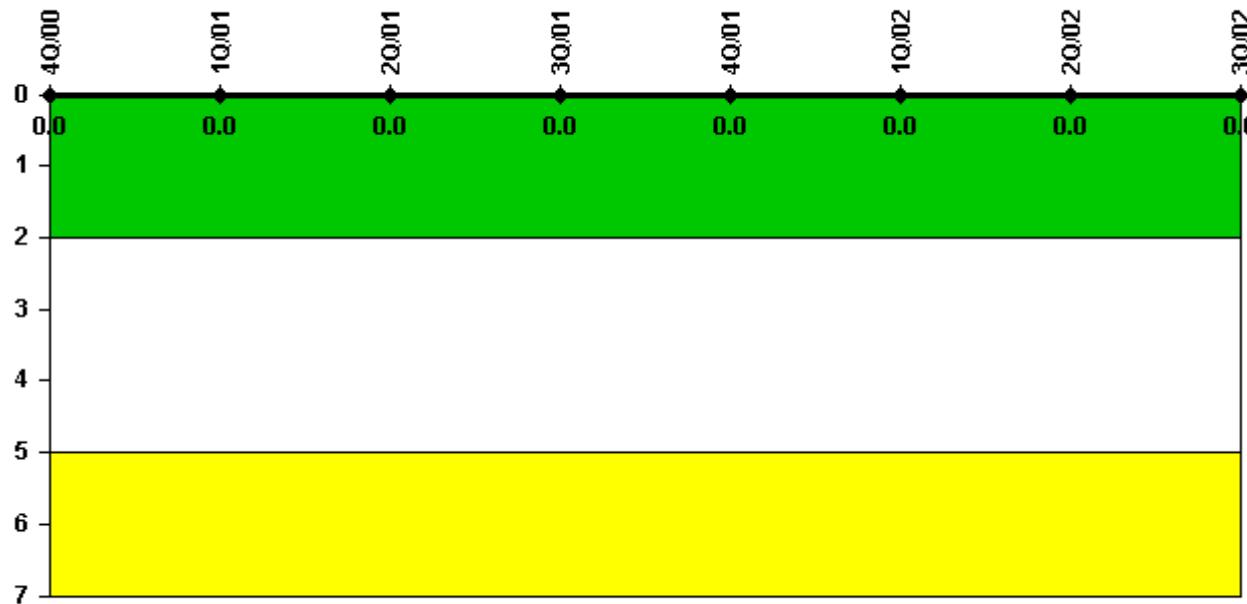
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/00	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

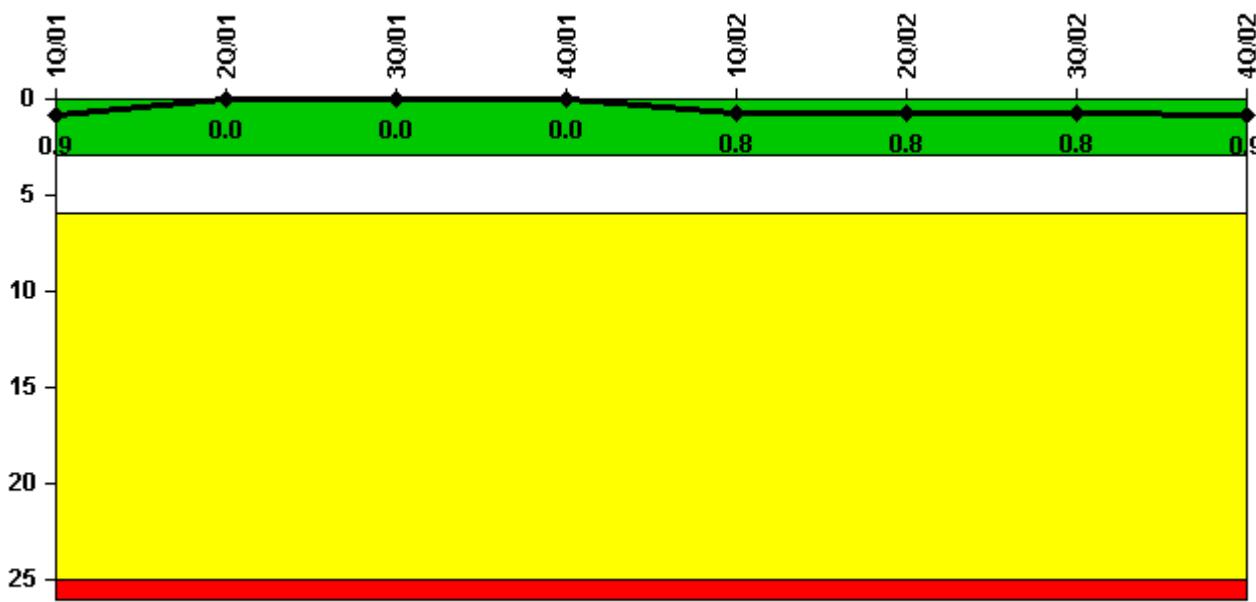


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 22, 2002

McGuire 1**4Q/2002 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	1505.2	1830.2	2208.0	2209.0	2100.6	2183.0	1798.8	2009.1
Indicator value	0.9	0	0	0	0.8	0.8	0.8	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

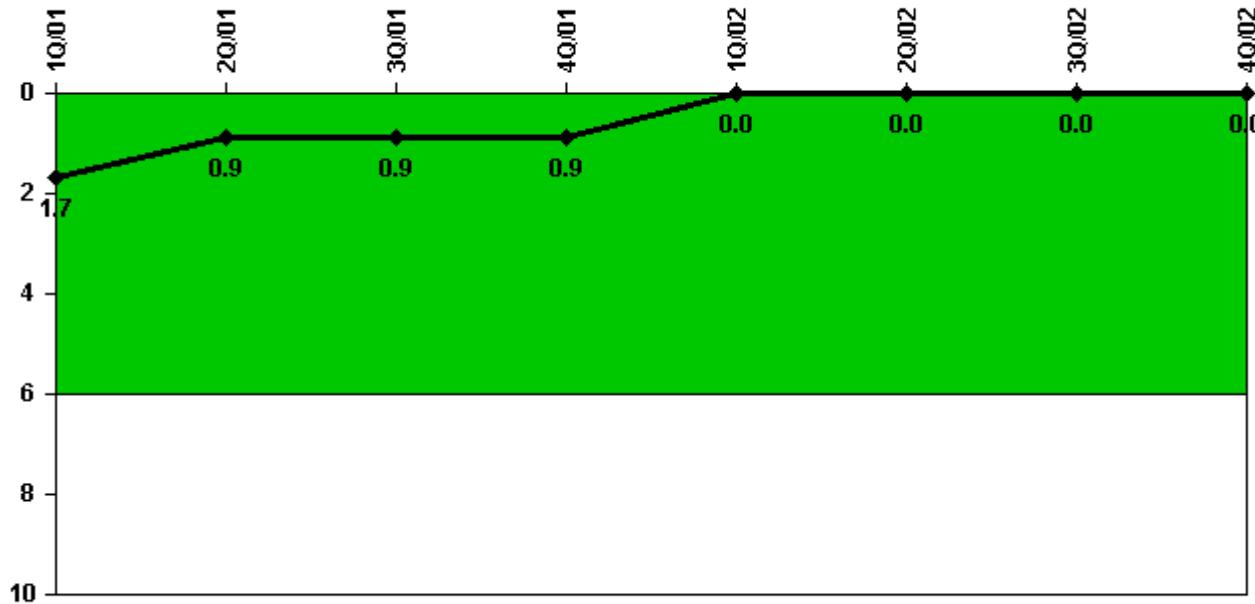
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



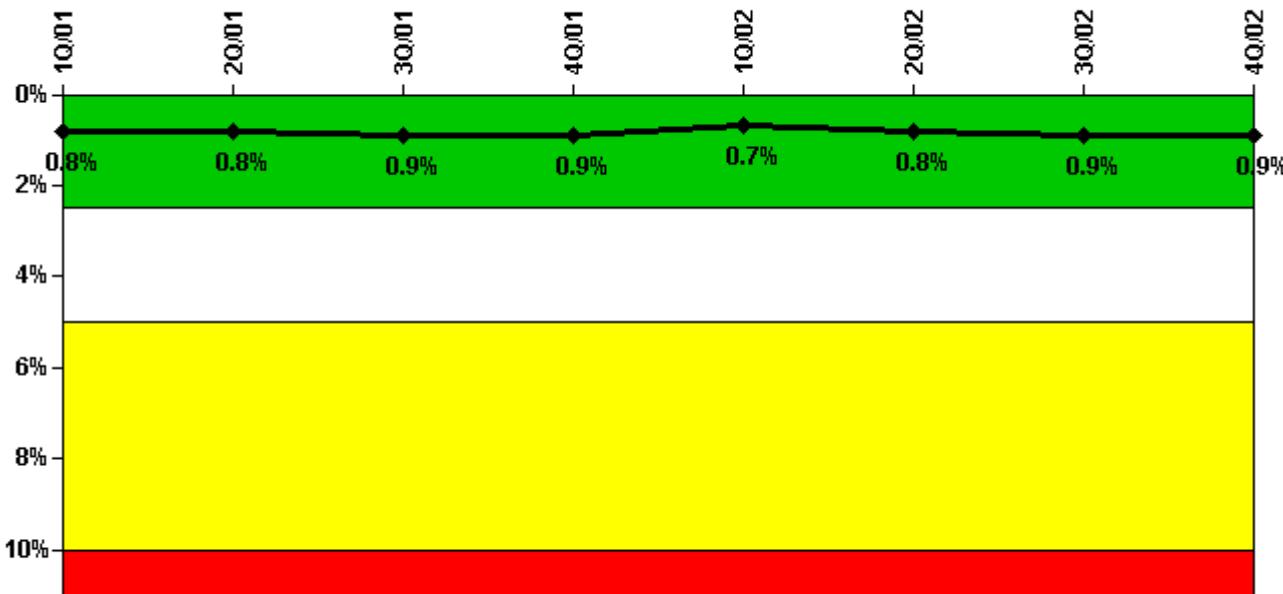
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1505.2	1830.2	2208.0	2209.0	2100.6	2183.0	1798.8	2009.1
Indicator value	1.7	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



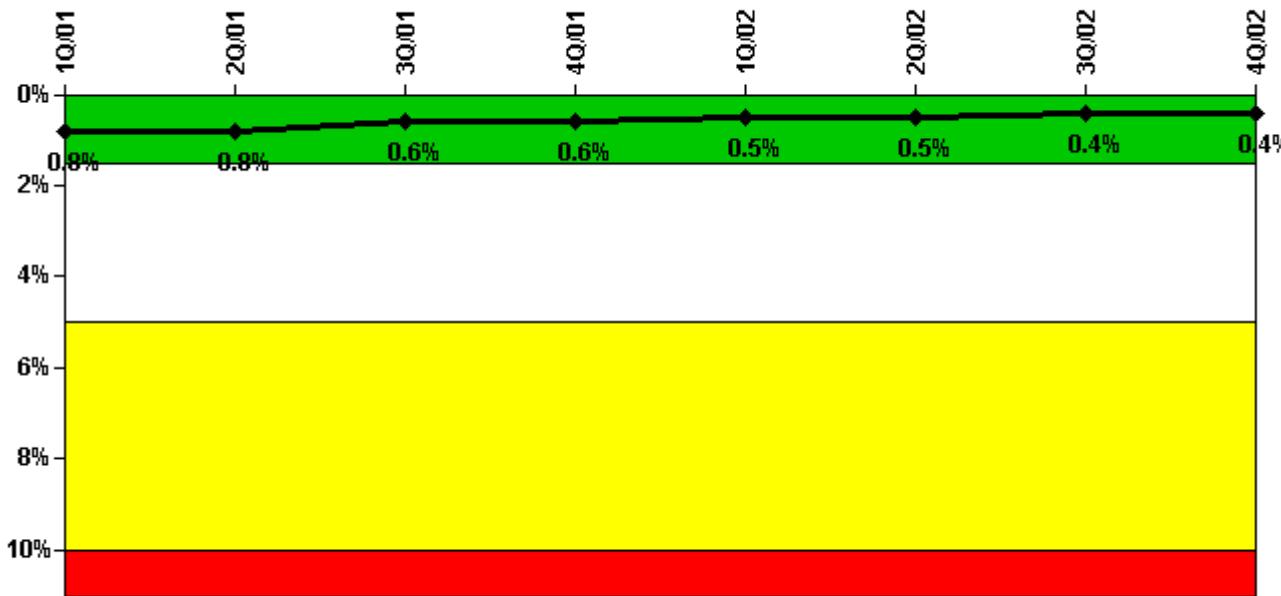
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0.30	12.50	13.74	15.28	1.88	2.14	53.91	4.37
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	11.71	14.51	2.60	13.20	2.12	19.38	21.28	15.79
Unplanned unavailable hours	5.02	0	21.00	0	0	42.50	1.20	7.05
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.8%	0.8%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



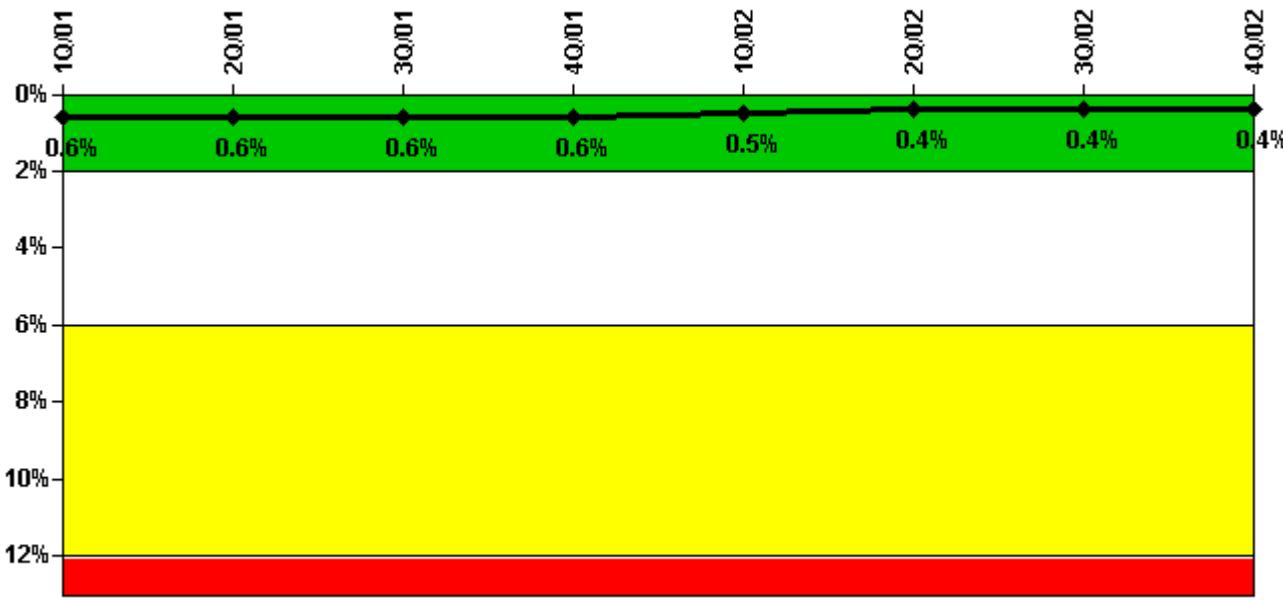
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	0.20	0.50	0.20	0.70	0.20	0.25	13.05	6.16
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1550.00	1880.80	2208.00	2209.00	2160.00	2183.00	1806.90	2073.77
Train 2								
Planned unavailable hours	9.80	7.50	0.30	9.50	9.35	3.60	5.55	0.40
Unplanned unavailable hours	3.80	0	0	0	0	0	16.75	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1578.50	1866.60	2208.00	2209.00	2160.00	2183.00	1816.10	2058.37
Train 3								
Planned unavailable hours	0.20	2.90	4.60	11.80	1.14	0.92	5.48	12.83
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1550.00	1866.60	2208.00	2209.00	2160.00	2183.00	1806.90	2058.37
Train 4								
Planned unavailable hours	9.40	20.70	0	10.70	7.43	3.06	0.98	10.29
Unplanned unavailable hours	3.80	0	0	0	0	0.02	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1550.00	1866.60	2208.00	2209.00	2160.00	2183.00	1806.90	2058.37
Indicator value	0.8%	0.8%	0.6%	0.6%	0.5%	0.5%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



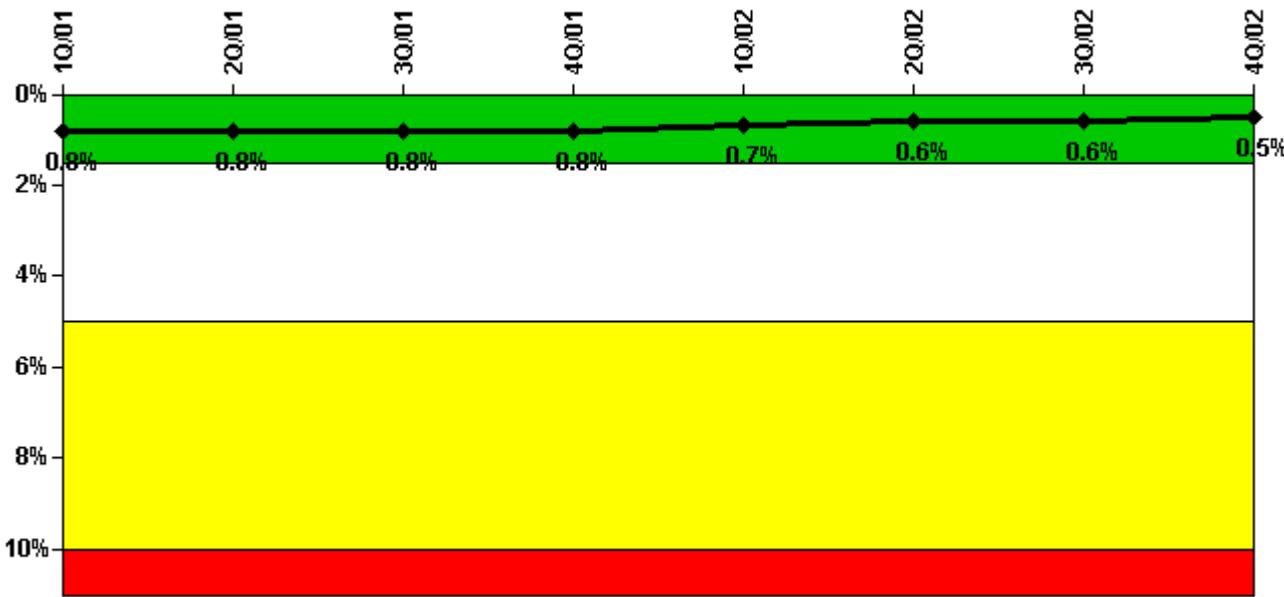
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1								
Planned unavailable hours	1.40	9.30	1.50	3.90	4.20	0.90	10.42	0.73
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30
Train 2								
Planned unavailable hours	14.60	8.70	5.00	5.30	1.08	12.53	0.90	6.90
Unplanned unavailable hours	3.80	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30
Train 3								
Planned unavailable hours	2.60	2.90	10.70	3.20	11.63	14.27	11.32	9.82
Unplanned unavailable hours	0	0	0	0	0	0	0	5.57
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1549.70	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30
Indicator value	0.6%	0.6%	0.6%	0.6%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

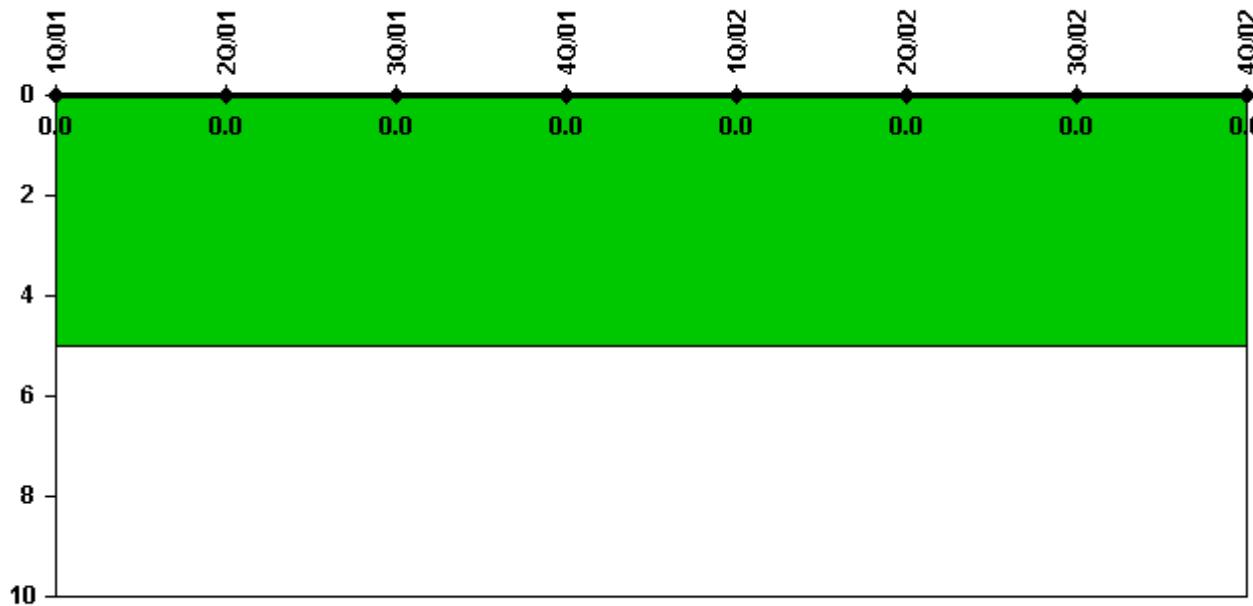


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System		1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Train 1									
Planned unavailable hours		4.43	10.18	0	11.50	8.00	0	14.25	4.69
Unplanned unavailable hours		0	0.83	0	0	0	0.87	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2									
Planned unavailable hours		25.18	16.58	2.47	3.48	11.00	18.40	7.05	14.17
Unplanned unavailable hours		3.77	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value		0.8%	0.8%	0.8%	0.8%	0.7%	0.6%	0.6%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)

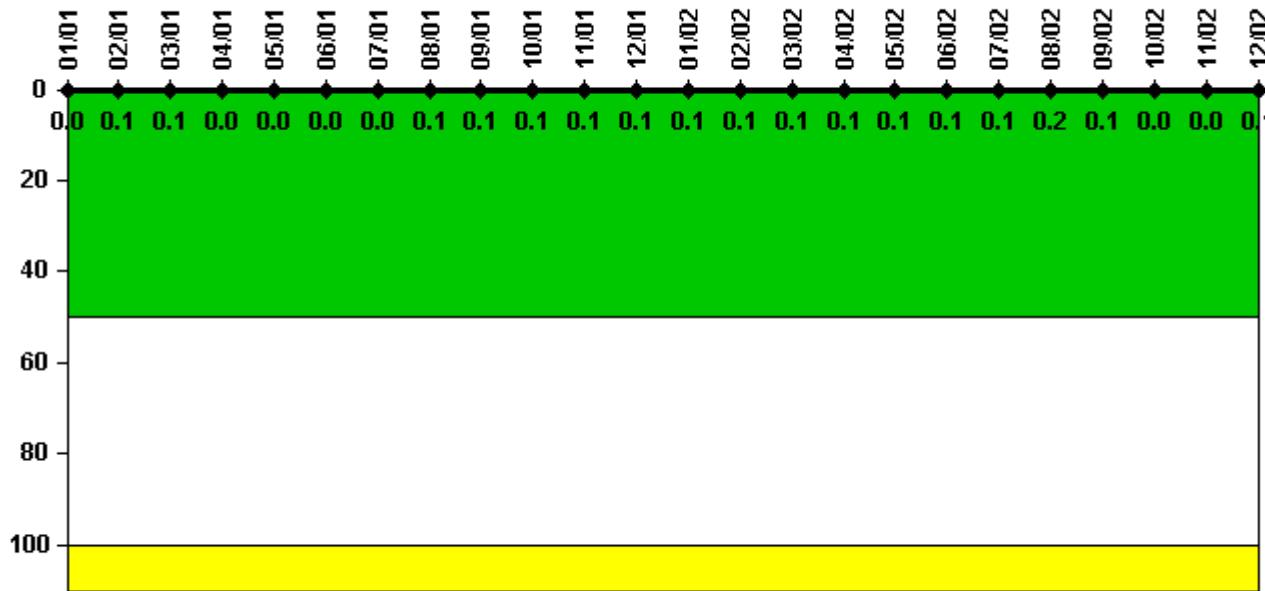
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

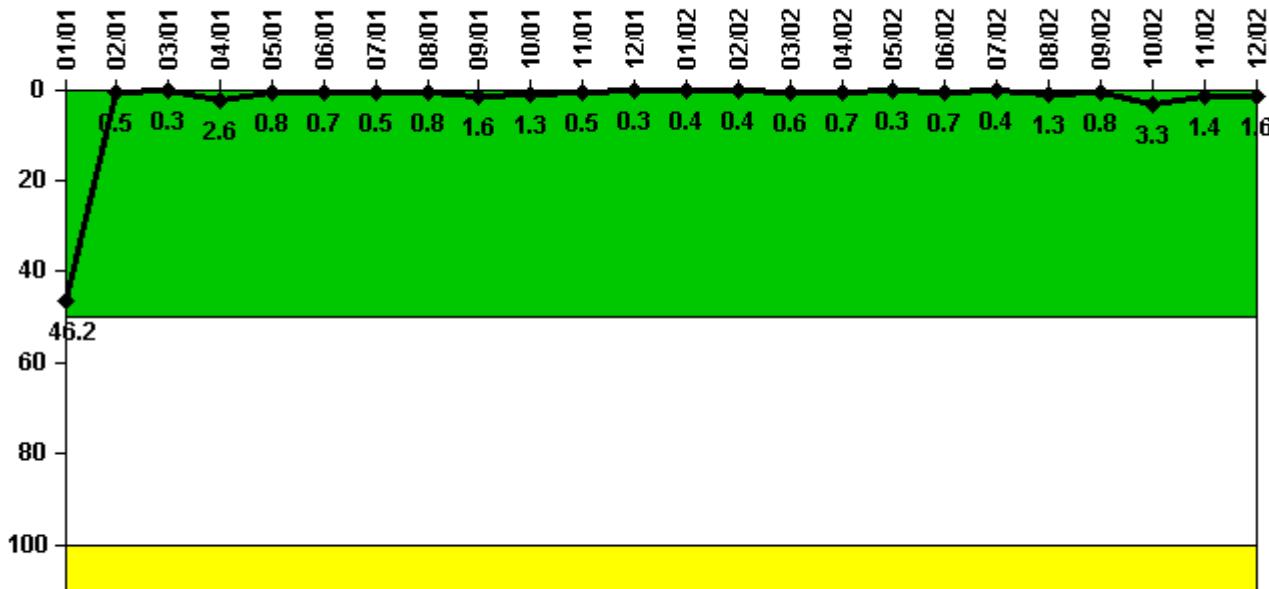
Notes

Reactor Coolant System Activity	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum activity	0.000260	0.000650	0.000610	0.000360	0.000420	0.000480	0.000490	0.000540	0.000510	0.000510	0.000780	0.000590
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0	0	0	0	0.1	0.1	0.1	0.1	0.1

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.001280	0.000620	0.000660	0.001296	0.001028	0.000827	0.000840	0.001550	0.000810	0.000450	0.000470	0.000620
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

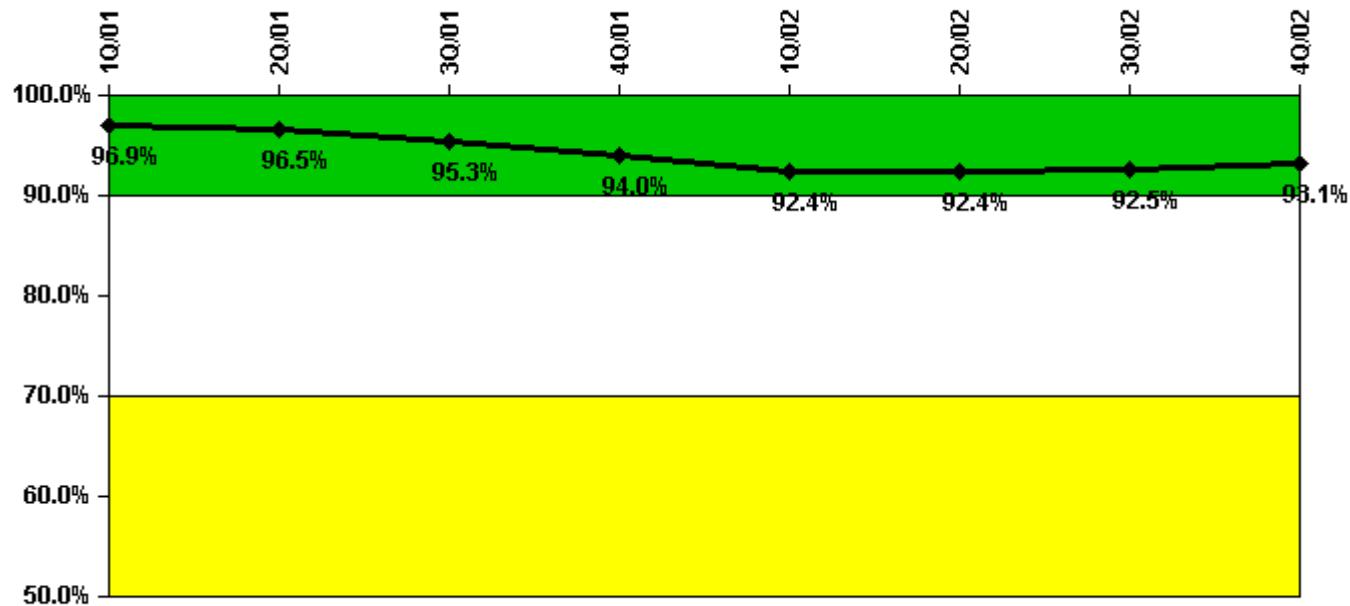
Notes

Reactor Coolant System Leakage	1/01	2/01	3/01	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01
Maximum leakage	4.624	0.052	0.028	0.264	0.082	0.066	0.049	0.083	0.158	0.133	0.047	0.034
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	46.2	0.5	0.3	2.6	0.8	0.7	0.5	0.8	1.6	1.3	0.5	0.3

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.038	0.035	0.062	0.065	0.029	0.070	0.039	0.125	0.079	0.330	0.141	0.159
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.6	0.7	0.3	0.7	0.4	1.3	0.8	3.3	1.4	1.6

Licensee Comments: none

Drill/Exercise Performance



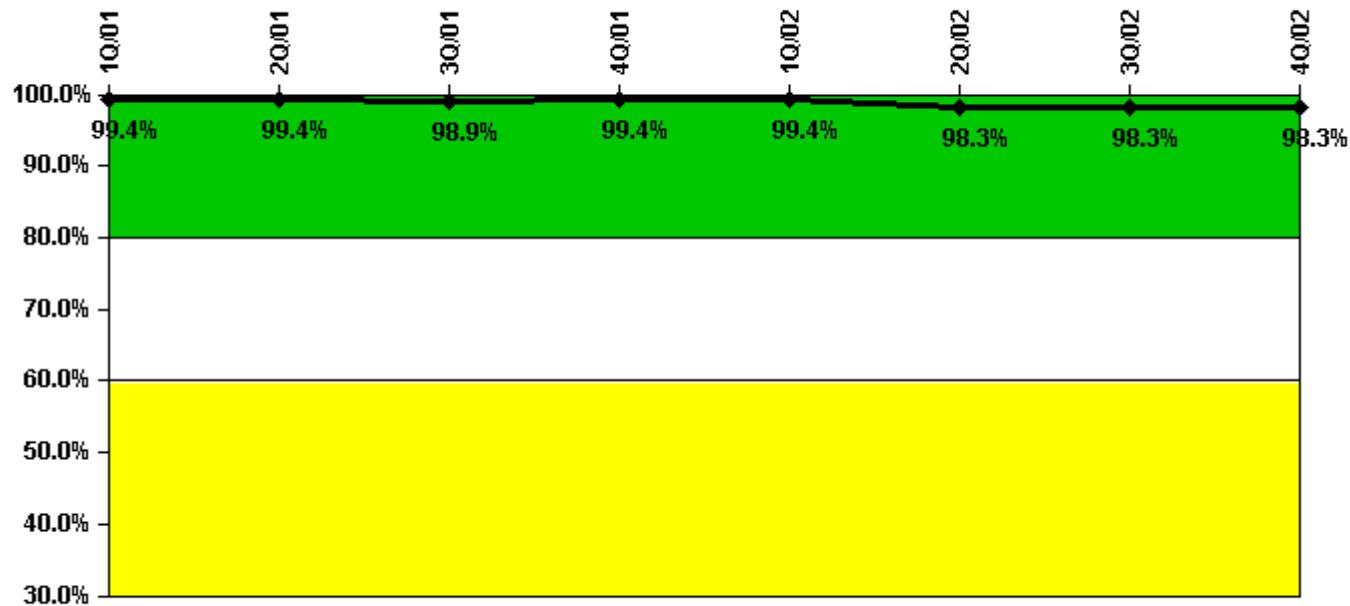
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful opportunities	5.0	11.0	11.0	46.0	7.0	12.0	2.0	14.0
Total opportunities	5.0	11.0	14.0	50.0	8.0	12.0	2.0	14.0
Indicator value	96.9%	96.5%	95.3%	94.0%	92.4%	92.4%	92.5%	93.1%

Licensee Comments: none

ERO Drill Participation



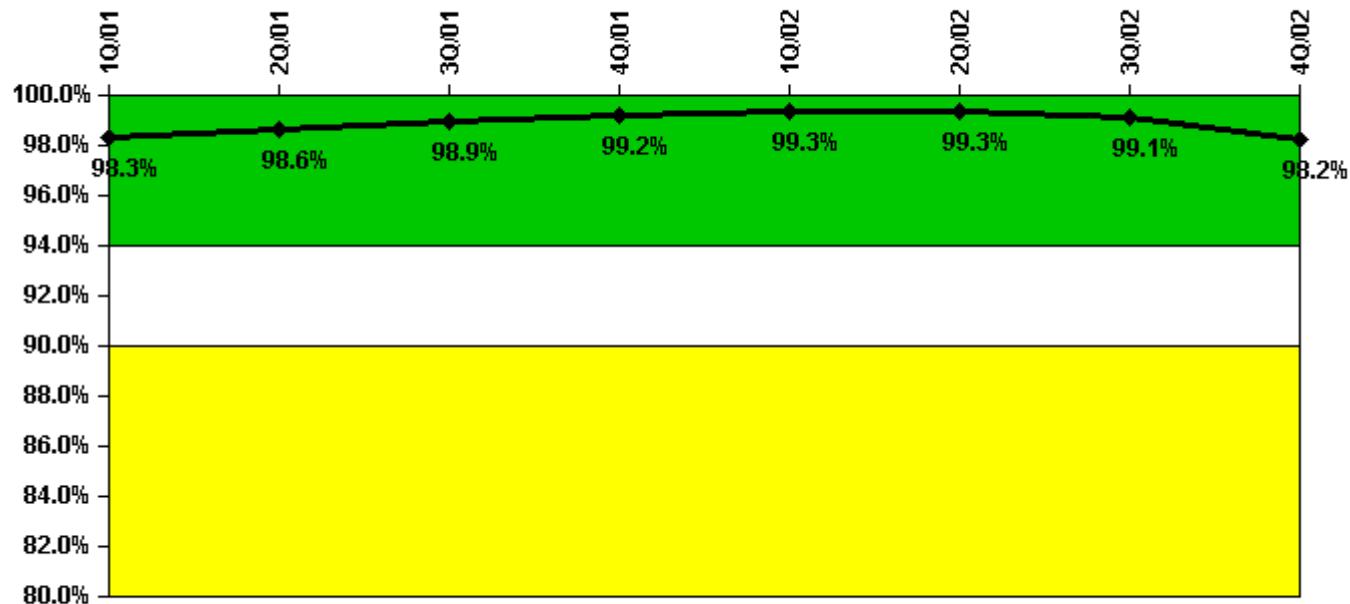
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Participating Key personnel	177.0	174.0	174.0	175.0	171.0	175.0	173.0	172.0
Total Key personnel	178.0	175.0	176.0	176.0	172.0	178.0	176.0	175.0
Indicator value	99.4%	99.4%	98.9%	99.4%	99.4%	98.3%	98.3%	98.3%

Licensee Comments: none

Alert & Notification System



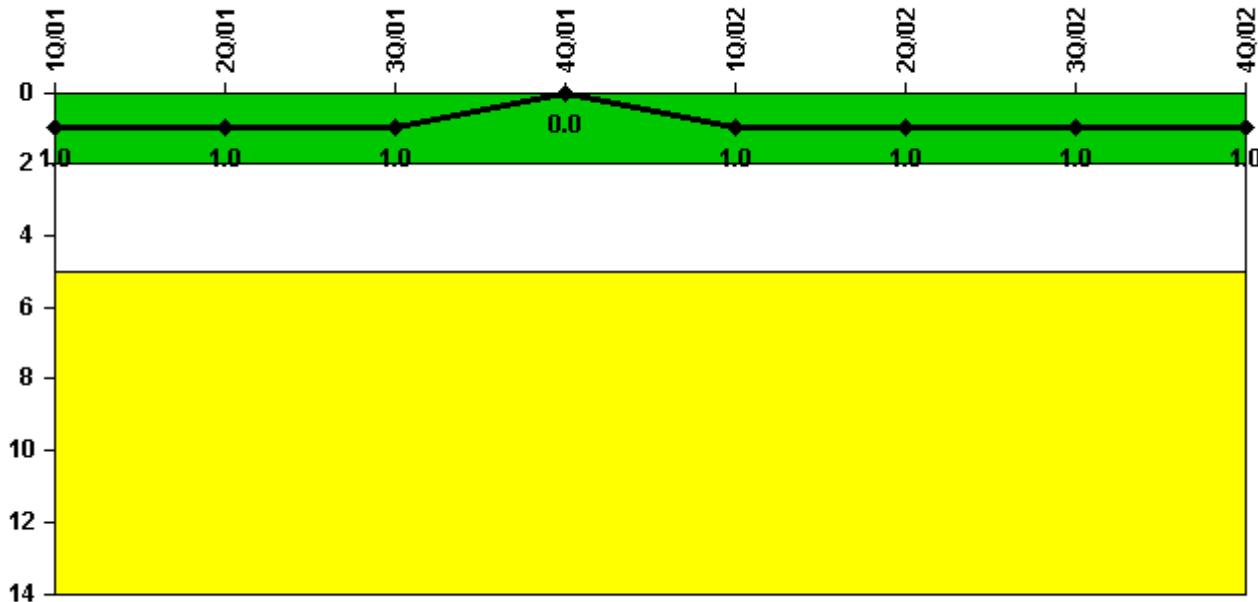
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Successful siren-tests	1557	1726	1727	1737	1730	1726	1729	1744
Total sirens-tests	1575	1742	1742	1742	1742	1742	1758	1812
Indicator value	98.3%	98.6%	98.9%	99.2%	99.3%	99.3%	99.1%	98.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness

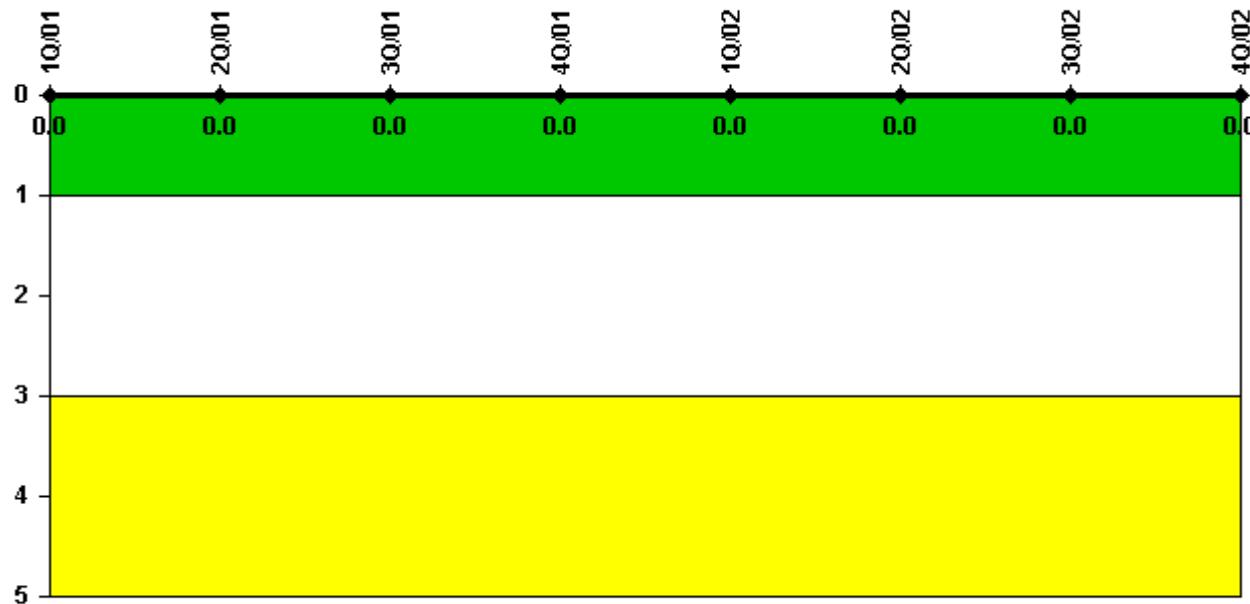


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

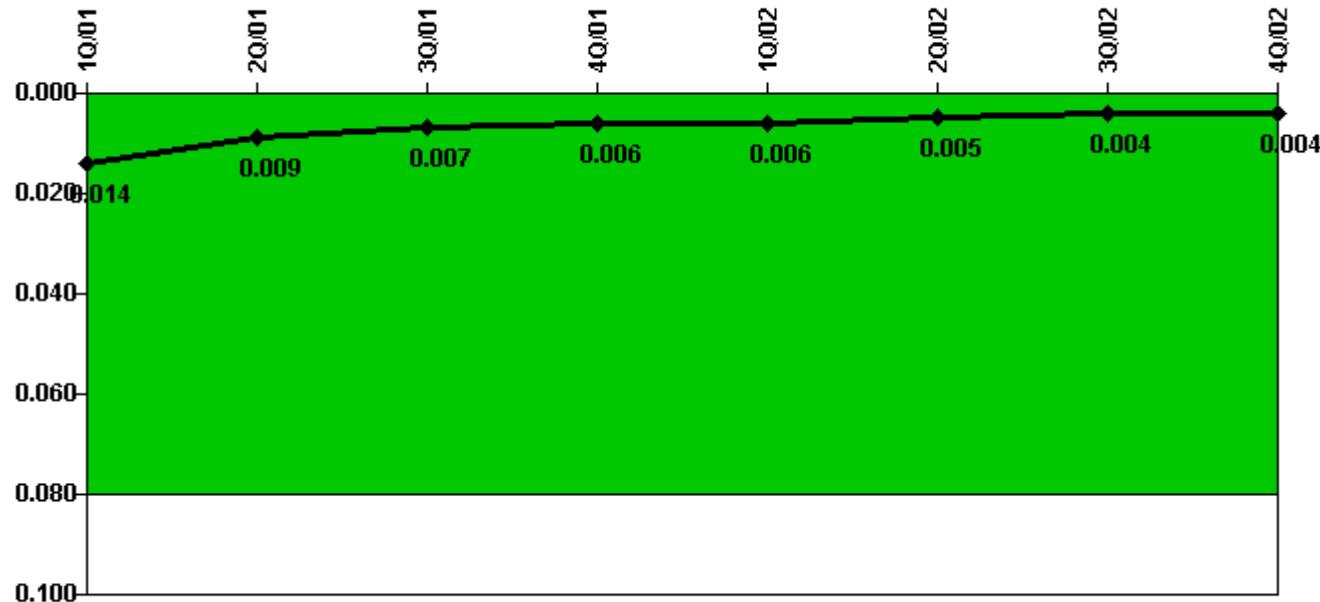
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index



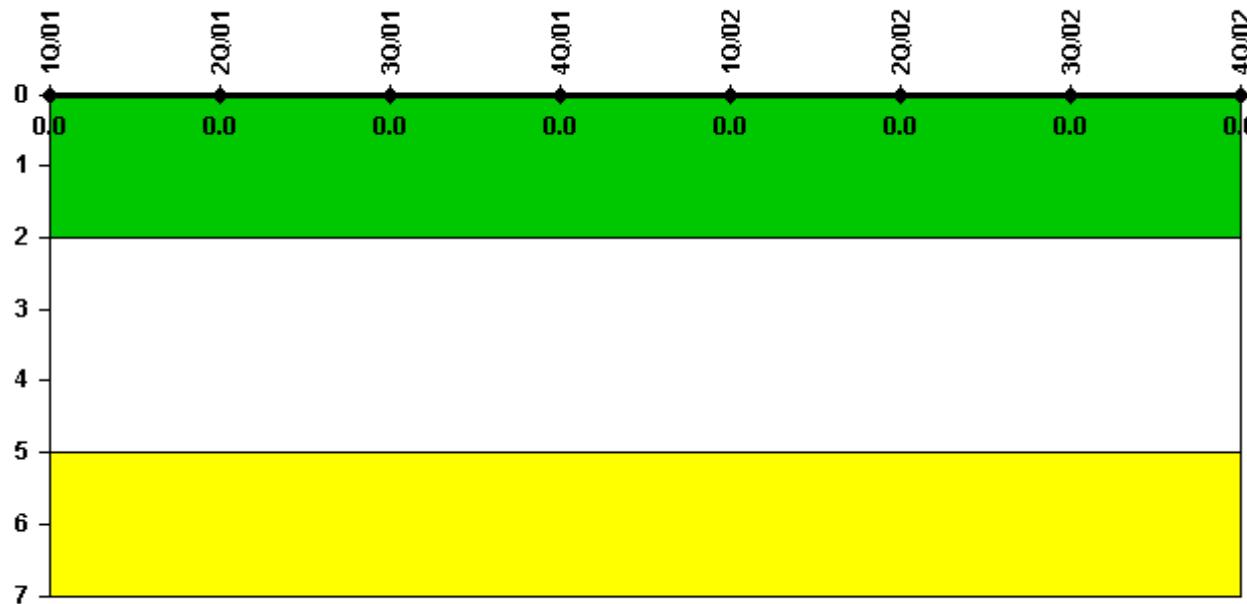
Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
IDS compensatory hours	21.00	67.00	105.90	50.40	30.30	28.80	67.50	45.60
CCTV compensatory hours	4.5	0	0	0	0	1.7	0	0.1
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.014	0.009	0.007	0.006	0.006	0.005	0.004	0.004

Licensee Comments: none

Personnel Screening Program

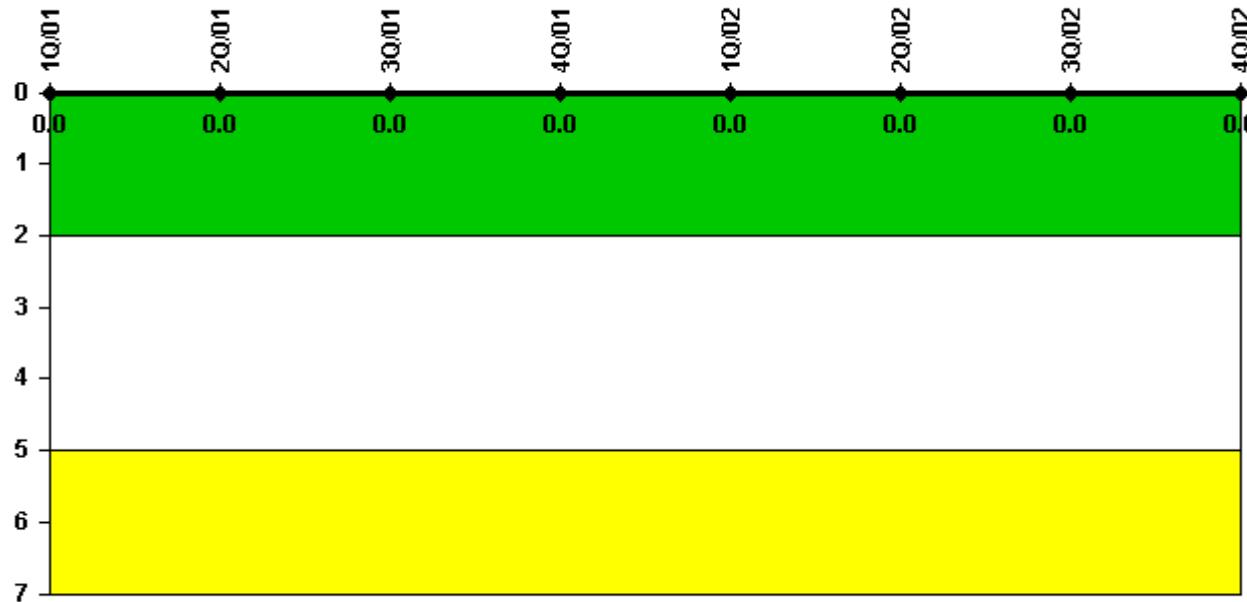


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/01	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

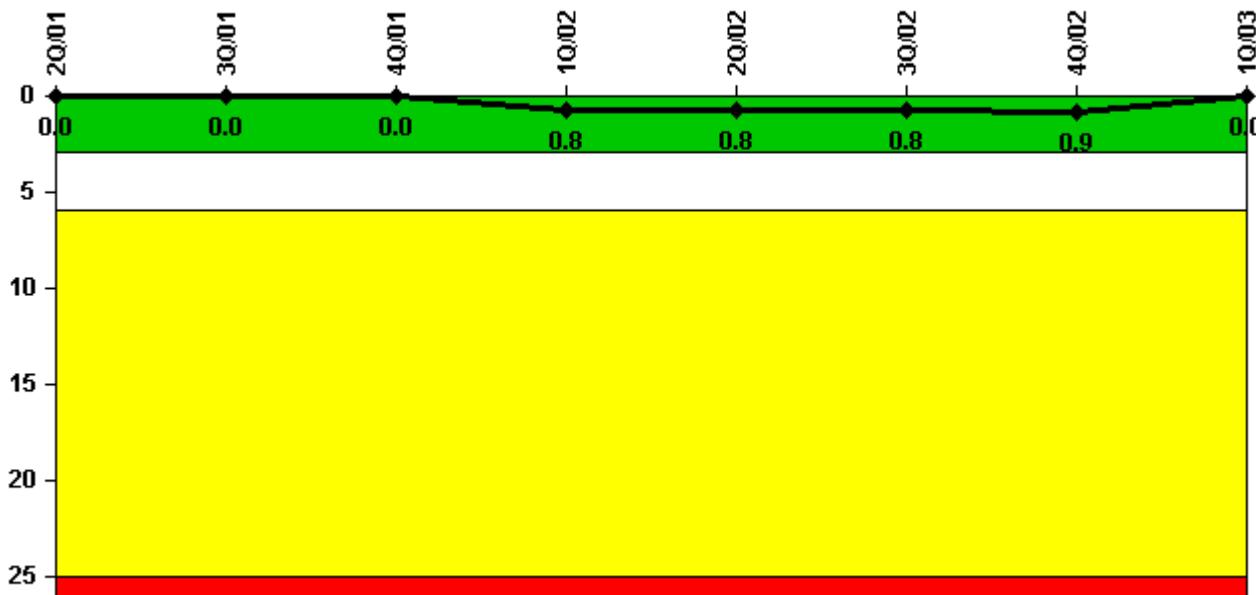
Last Modified: January 30, 2003

McGuire 1

1Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

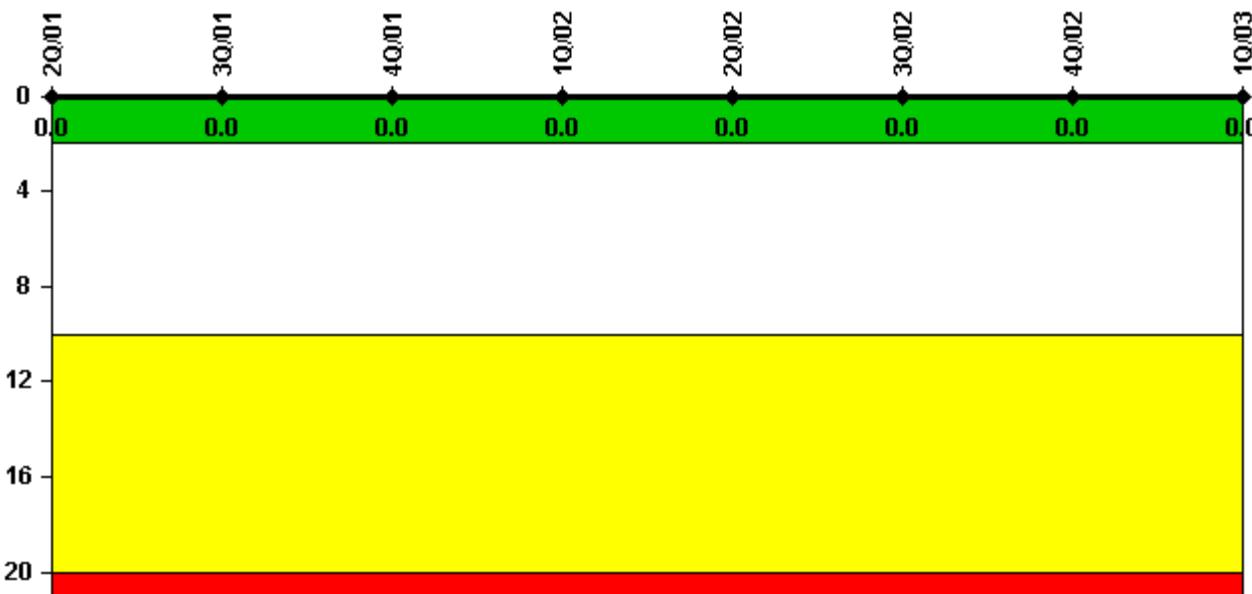


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	1830.2	2208.0	2209.0	2100.6	2183.0	1798.8	2009.1	2160.0
Indicator value	0	0	0	0.8	0.8	0.8	0.9	0

Licensee Comments: none

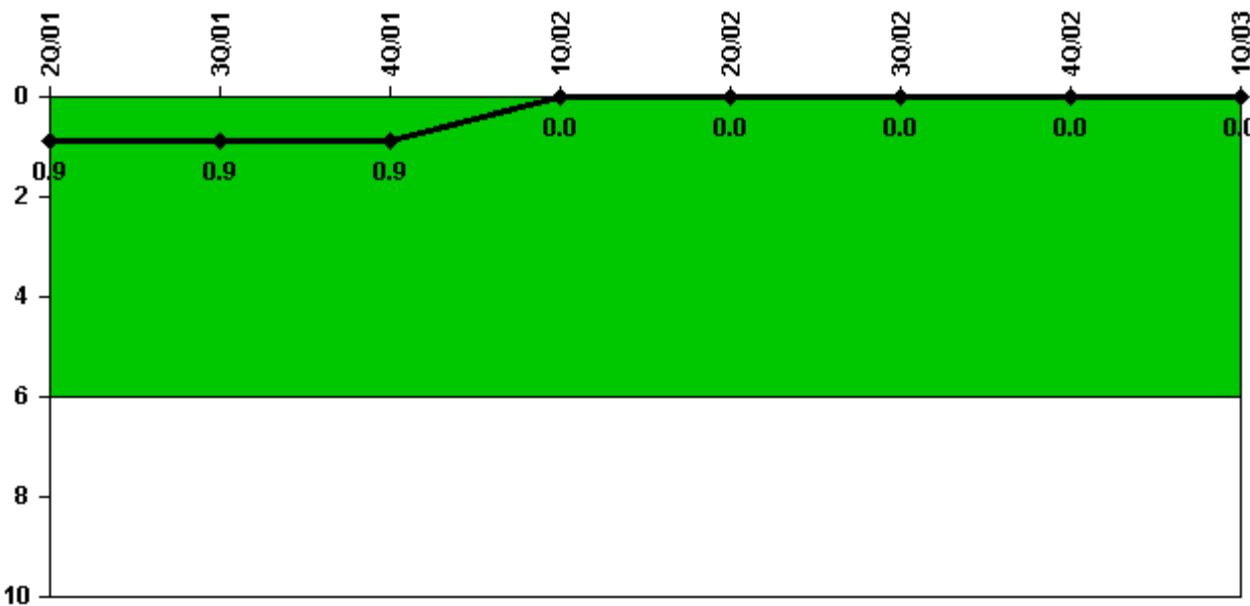
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

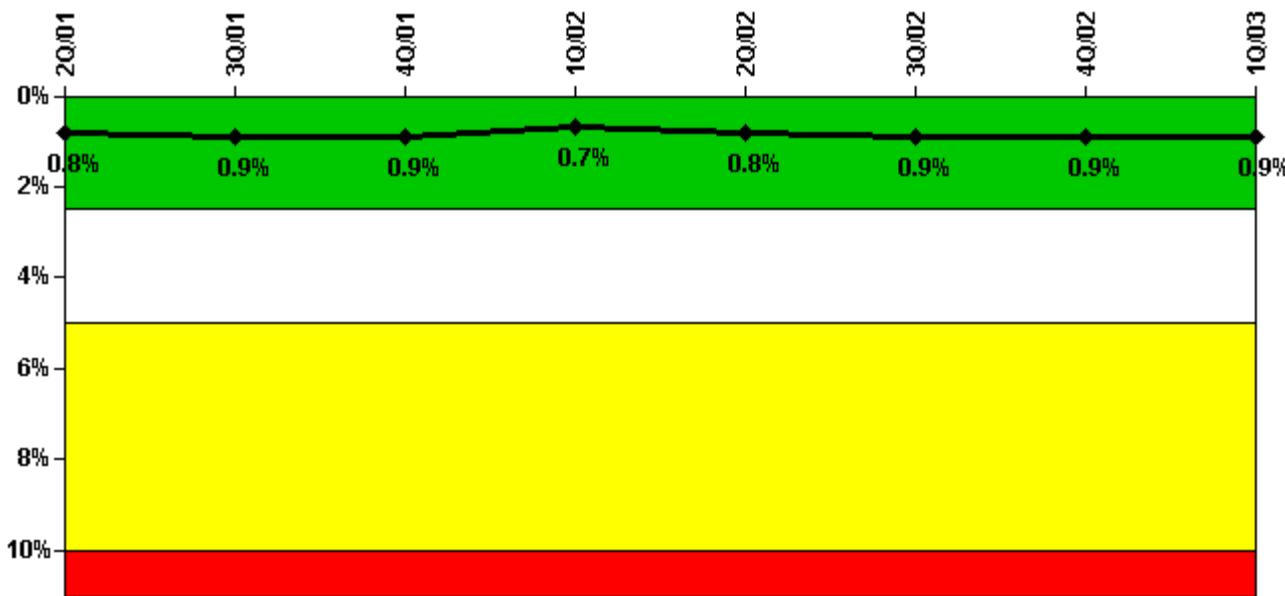
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1830.2	2208.0	2209.0	2100.6	2183.0	1798.8	2009.1	2160.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



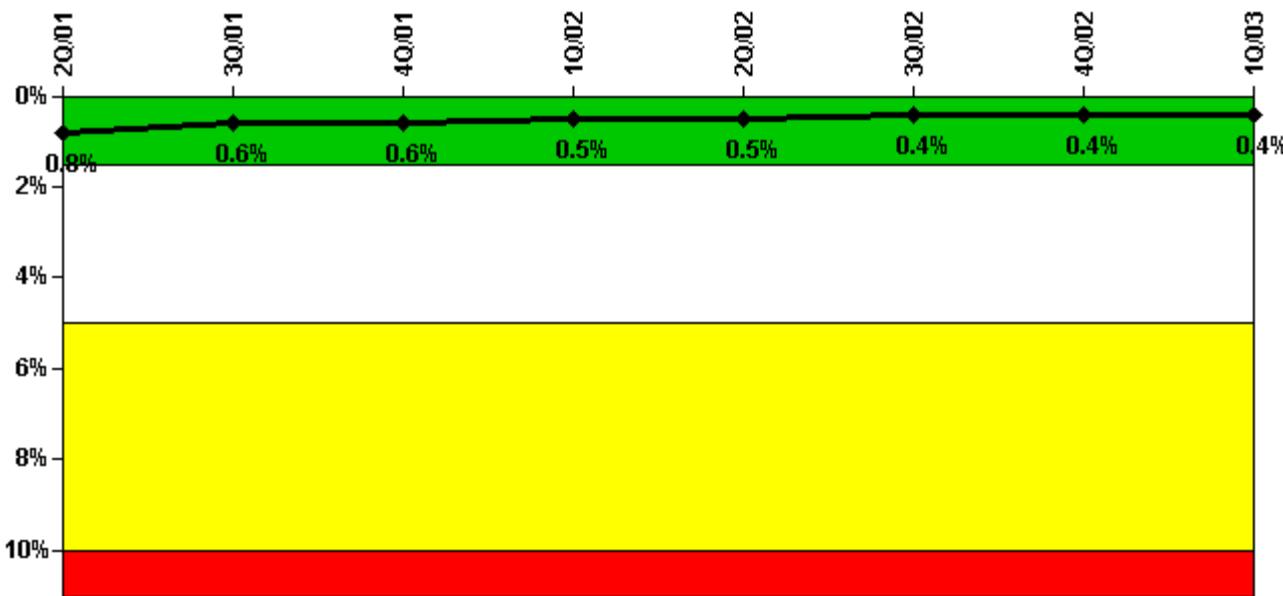
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	12.50	13.74	15.28	1.88	2.14	53.91	4.37	16.98
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	14.51	2.60	13.20	2.12	19.38	21.28	15.79	8.70
Unplanned unavailable hours	0	21.00	0	0	42.50	1.20	7.05	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.8%	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

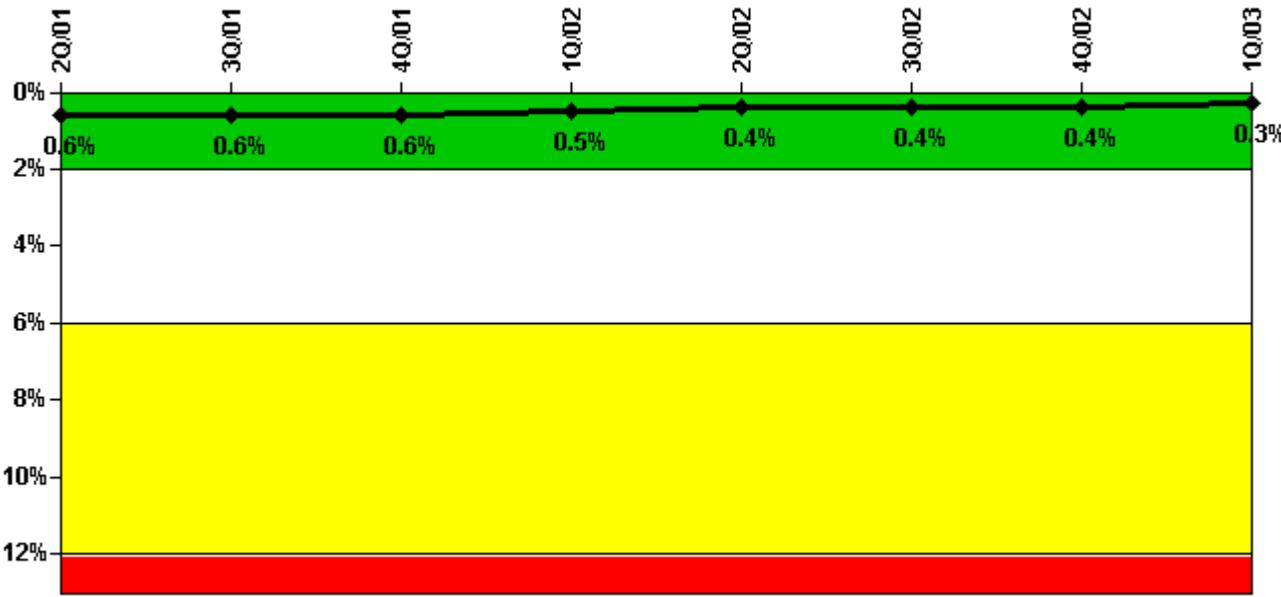
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	0.50	0.20	0.70	0.20	0.25	13.05	6.16	0.48
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1880.80	2208.00	2209.00	2160.00	2183.00	1806.90	2073.77	2160.00
Train 2								
Planned unavailable hours	7.50	0.30	9.50	9.35	3.60	5.55	0.40	16.40
Unplanned unavailable hours	0	0	0	0	0	16.75	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1866.60	2208.00	2209.00	2160.00	2183.00	1816.10	2058.37	2160.00
Train 3								
Planned unavailable hours	2.90	4.60	11.80	1.14	0.92	5.48	12.83	6.65
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1866.60	2208.00	2209.00	2160.00	2183.00	1806.90	2058.37	2160.00
Train 4								
Planned unavailable hours	20.70	0	10.70	7.43	3.06	0.98	10.29	0.60
Unplanned unavailable hours	0	0	0	0	0.02	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	1866.60	2208.00	2209.00	2160.00	2183.00	1806.90	2058.37	2160.00
Indicator value	0.8%	0.6%	0.6%	0.5%	0.5%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

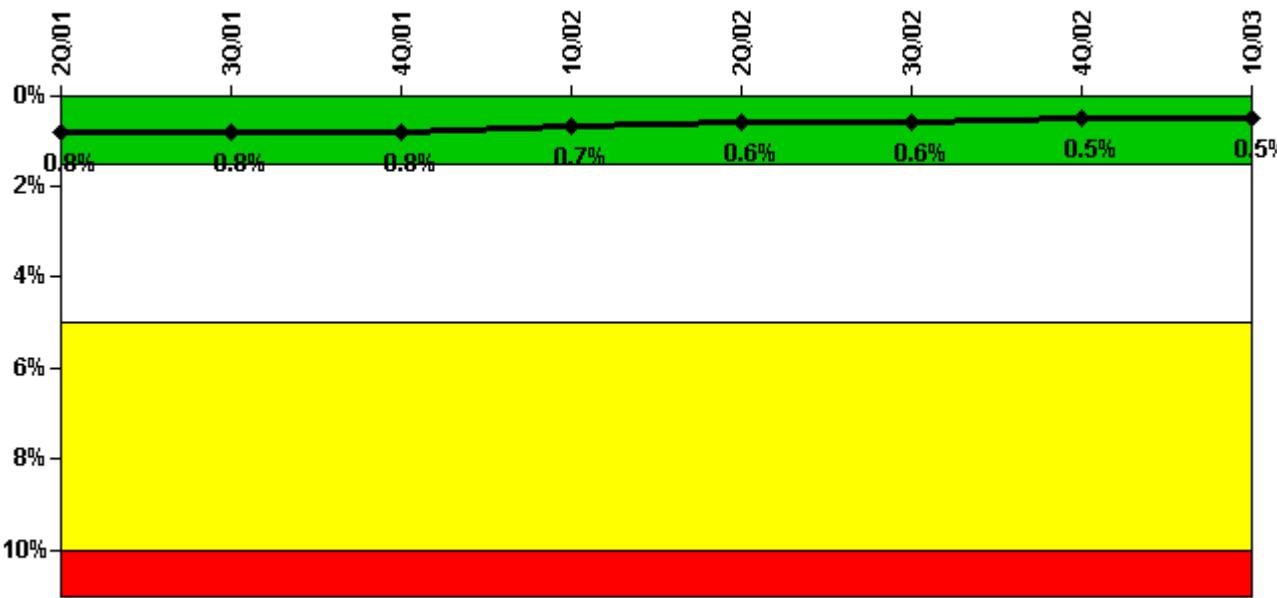
Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	9.30	1.50	3.90	4.20	0.90	10.42	0.73	1.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00
Train 2								
Planned unavailable hours	8.70	5.00	5.30	1.08	12.53	0.90	6.90	0.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00
Train 3								

Planned unavailable hours	2.90	10.70	3.20	11.63	14.27	11.32	9.82	2.50
Unplanned unavailable hours	0	0	0	0	0	0	5.57	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1867.60	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00
Indicator value	0.6%	0.6%	0.6%	0.5%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

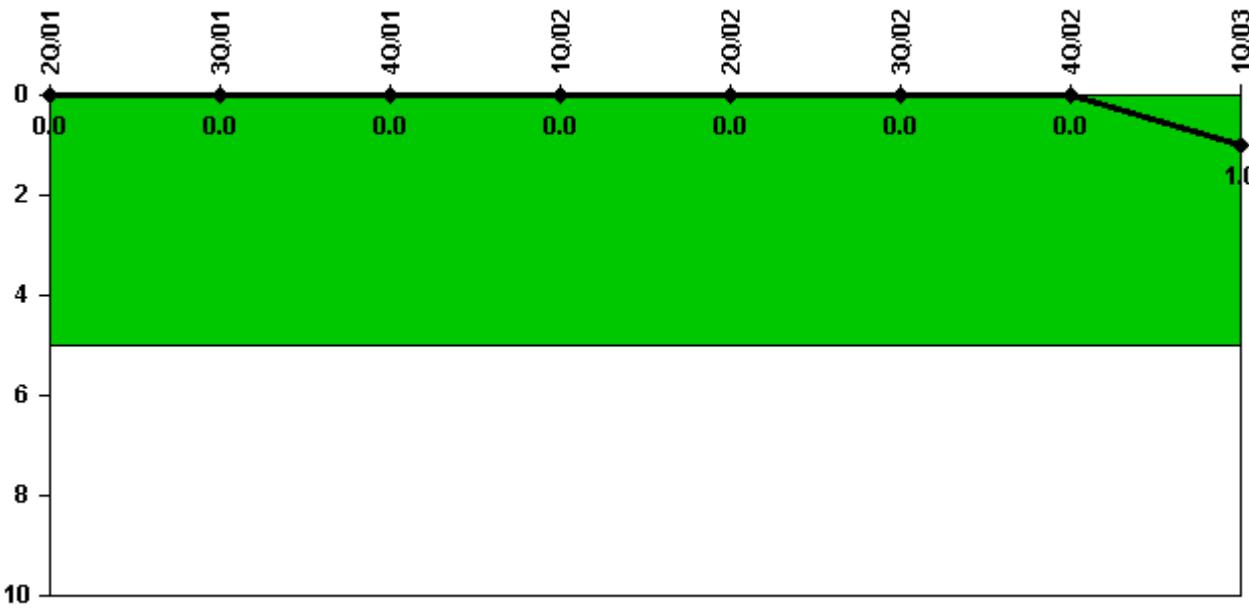
Notes

Safety System Unavailability, Residual Heat Removal System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Train 1								
Planned unavailable hours	10.18	0	11.50	8.00	0	14.25	4.69	20.56
Unplanned unavailable hours	0.83	0	0	0	0.87	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	16.58	2.47	3.48	11.00	18.40	7.05	14.17	8.25
Unplanned unavailable hours	0	0	0	0	0	0	0	0

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.8%	0.8%	0.8%	0.7%	0.6%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



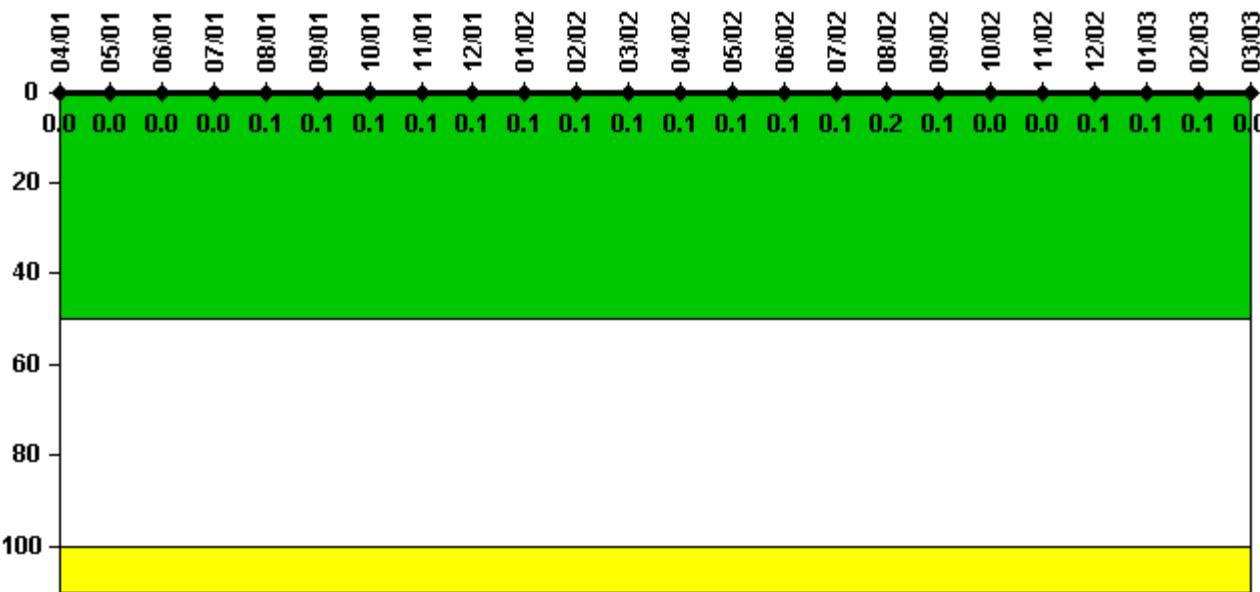
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	0	1						

Licensee Comments: none

Reactor Coolant System Activity



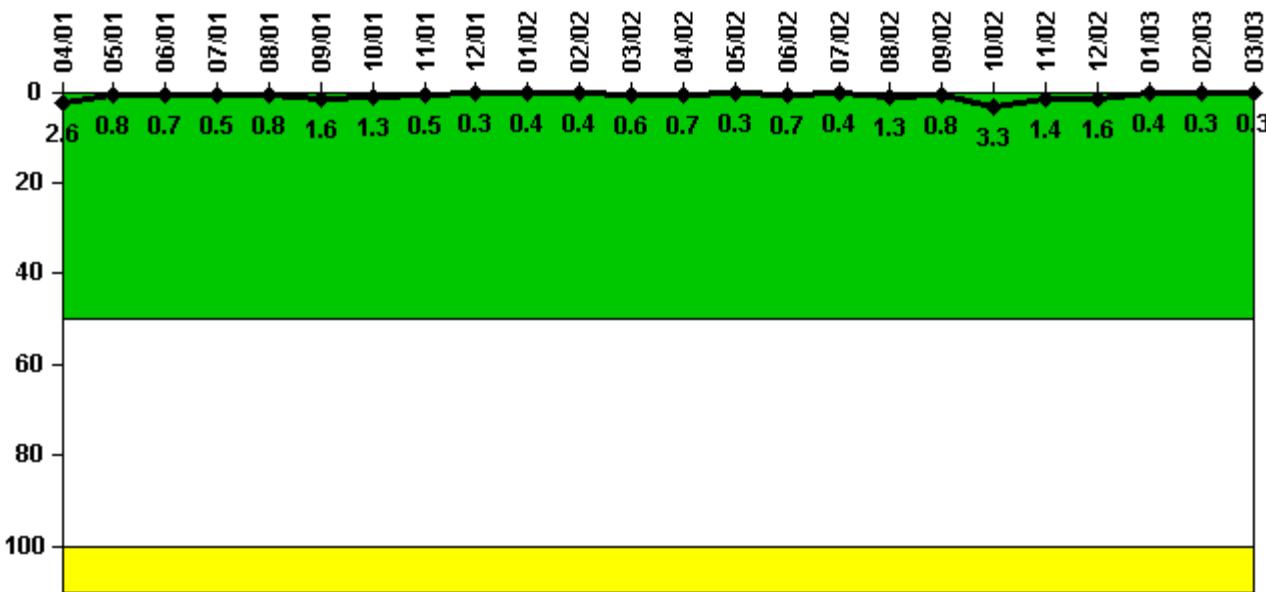
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum activity	0.000360	0.000420	0.000480	0.000490	0.000540	0.000510	0.000510	0.000780	0.000590	0.001280	0.000620	0.000660
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1							
Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.001296	0.001028	0.000827	0.000840	0.001550	0.000810	0.000450	0.000470	0.000620	0.000660	0.000590	0.000470
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.2	0.1	0	0	0.1	0.1	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



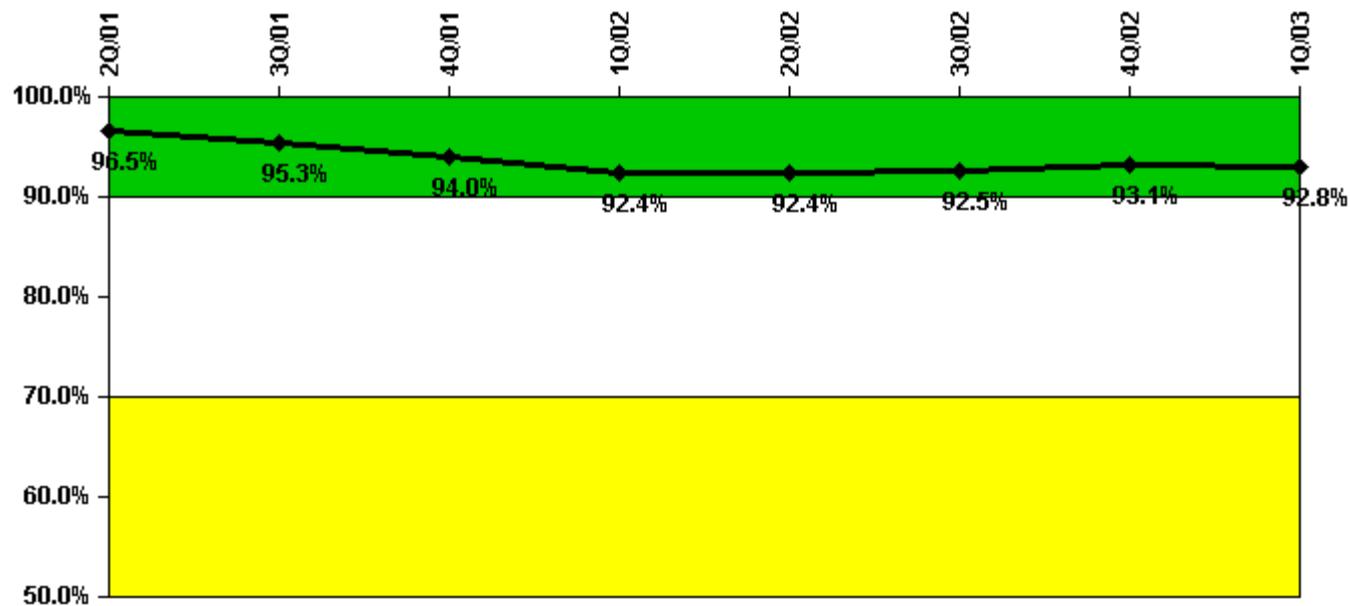
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/01	5/01	6/01	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02
Maximum leakage	0.264	0.082	0.066	0.049	0.083	0.158	0.133	0.047	0.034	0.038	0.035	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.6	0.8	0.7	0.5	0.8	1.6	1.3	0.5	0.3	0.4	0.4	0.6

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.065	0.029	0.070	0.039	0.125	0.079	0.330	0.141	0.159	0.042	0.026	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.3	0.7	0.4	1.3	0.8	3.3	1.4	1.6	0.4	0.3	0.3

Licensee Comments: none

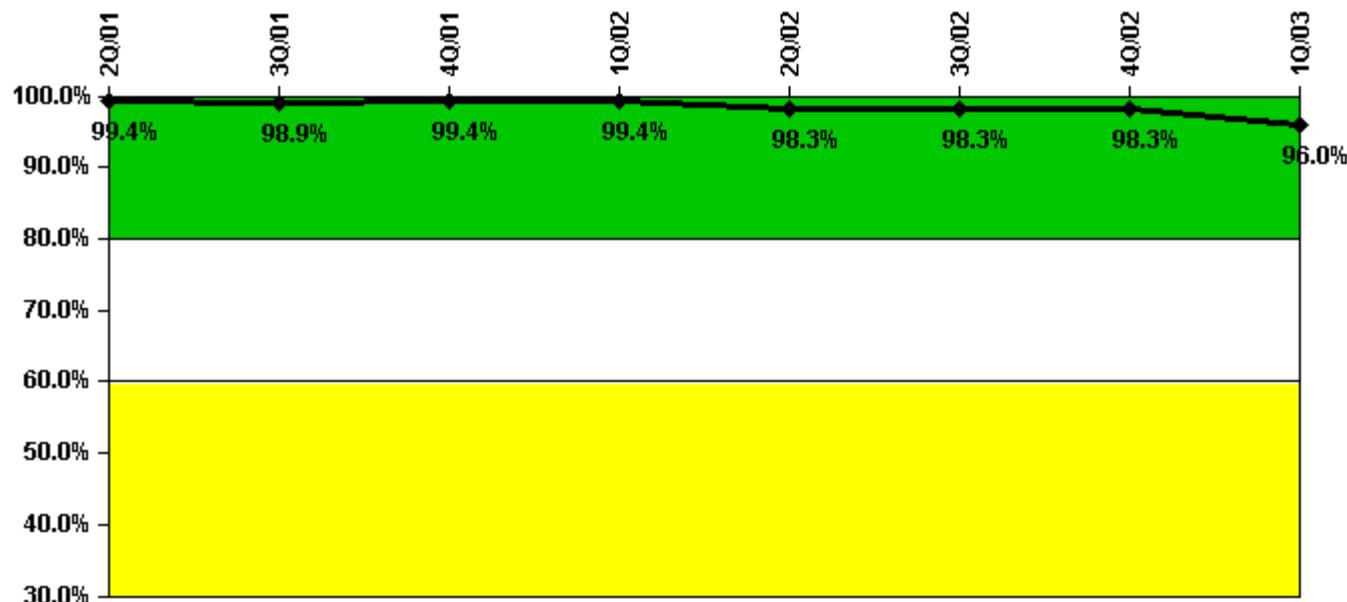
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful opportunities	11.0	11.0	46.0	7.0	12.0	2.0	14.0	13.0
Total opportunities	11.0	14.0	50.0	8.0	12.0	2.0	14.0	14.0
Indicator value	96.5%	95.3%	94.0%	92.4%	92.4%	92.5%	93.1%	92.8%

Licensee Comments: none

ERO Drill Participation

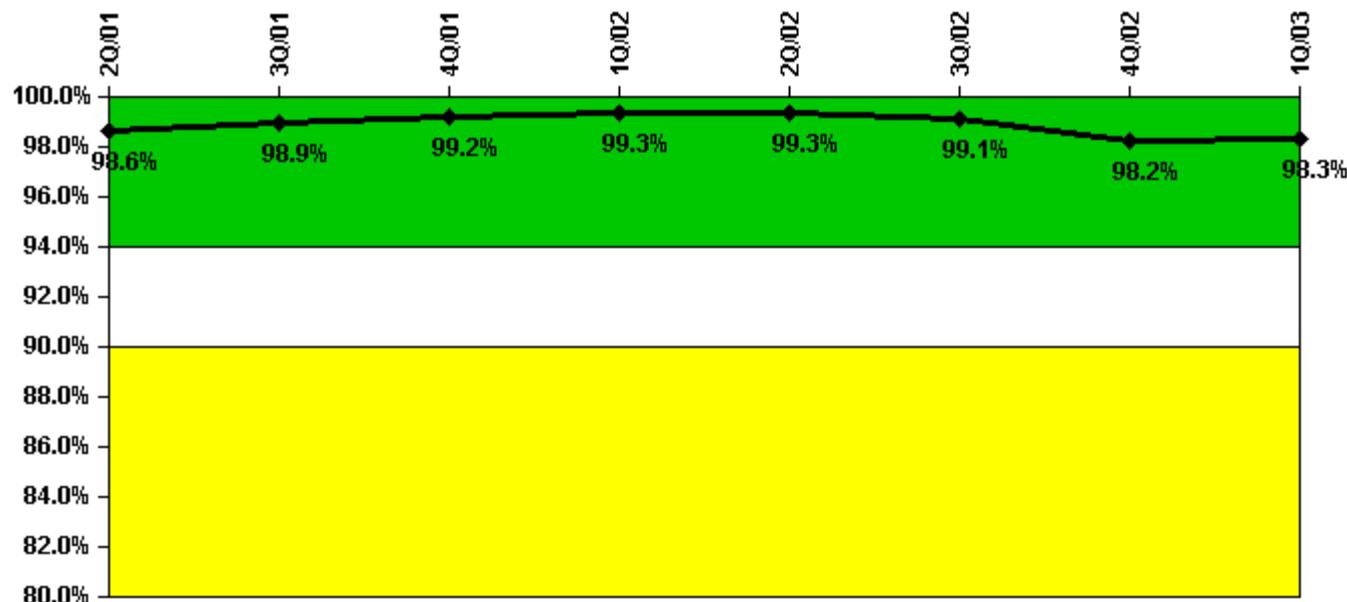
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Participating Key personnel	174.0	174.0	175.0	171.0	175.0	173.0	172.0	167.0
Total Key personnel	175.0	176.0	176.0	172.0	178.0	176.0	175.0	174.0
Indicator value	99.4%	98.9%	99.4%	99.4%	98.3%	98.3%	98.3%	96.0%

Licensee Comments: none

Alert & Notification System

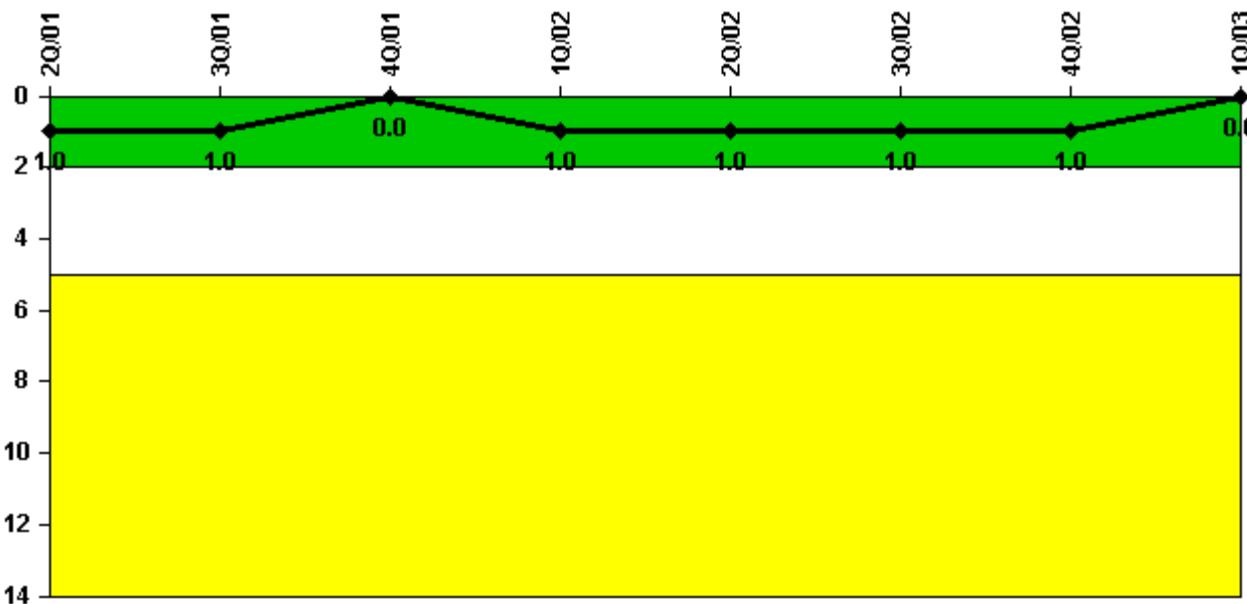


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Successful siren-tests	1726	1727	1737	1730	1726	1729	1744	1720
Total sirens-tests	1742	1742	1742	1742	1742	1758	1812	1730
Indicator value	98.6%	98.9%	99.2%	99.3%	99.3%	99.1%	98.2%	98.3%

Licensee Comments: none

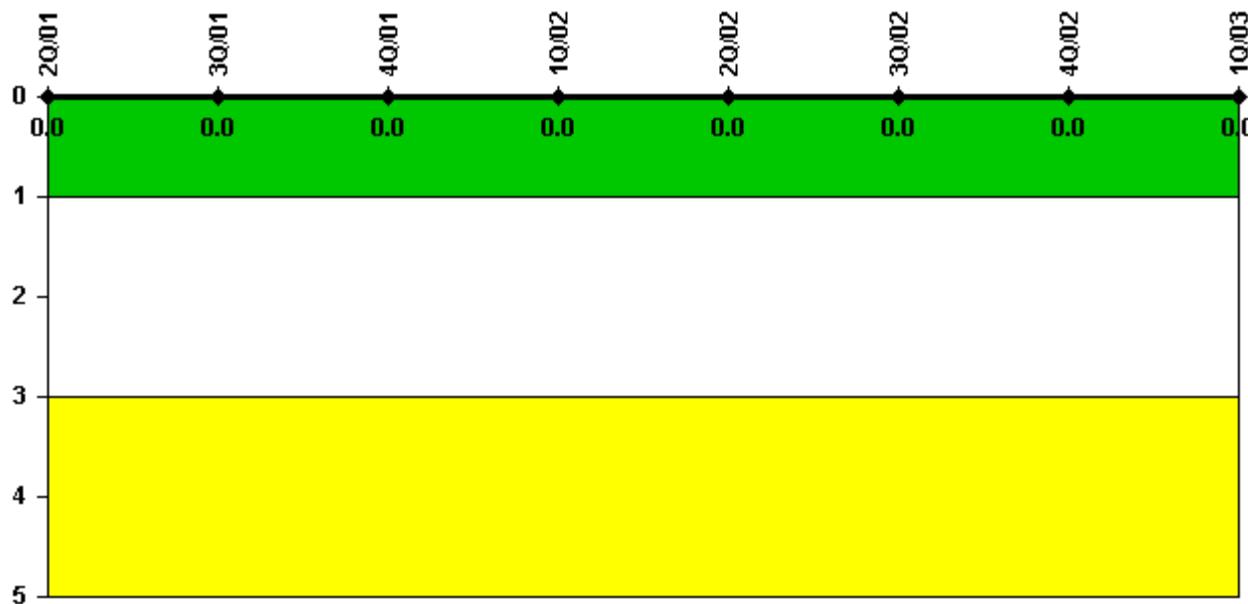
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

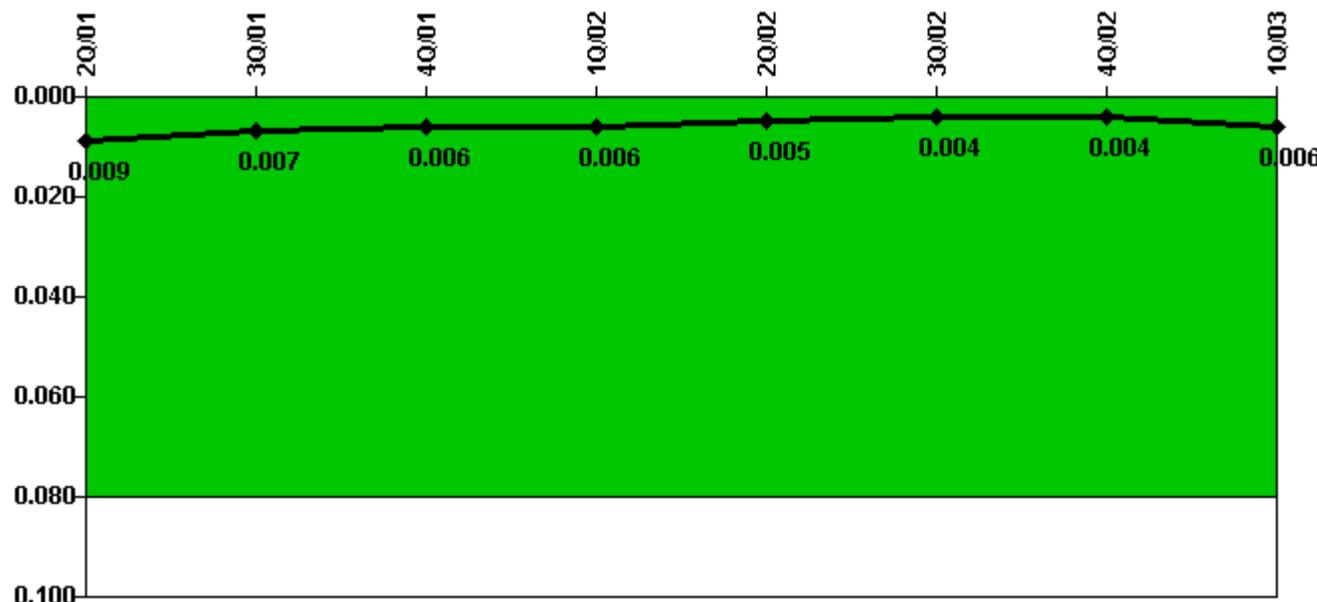
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

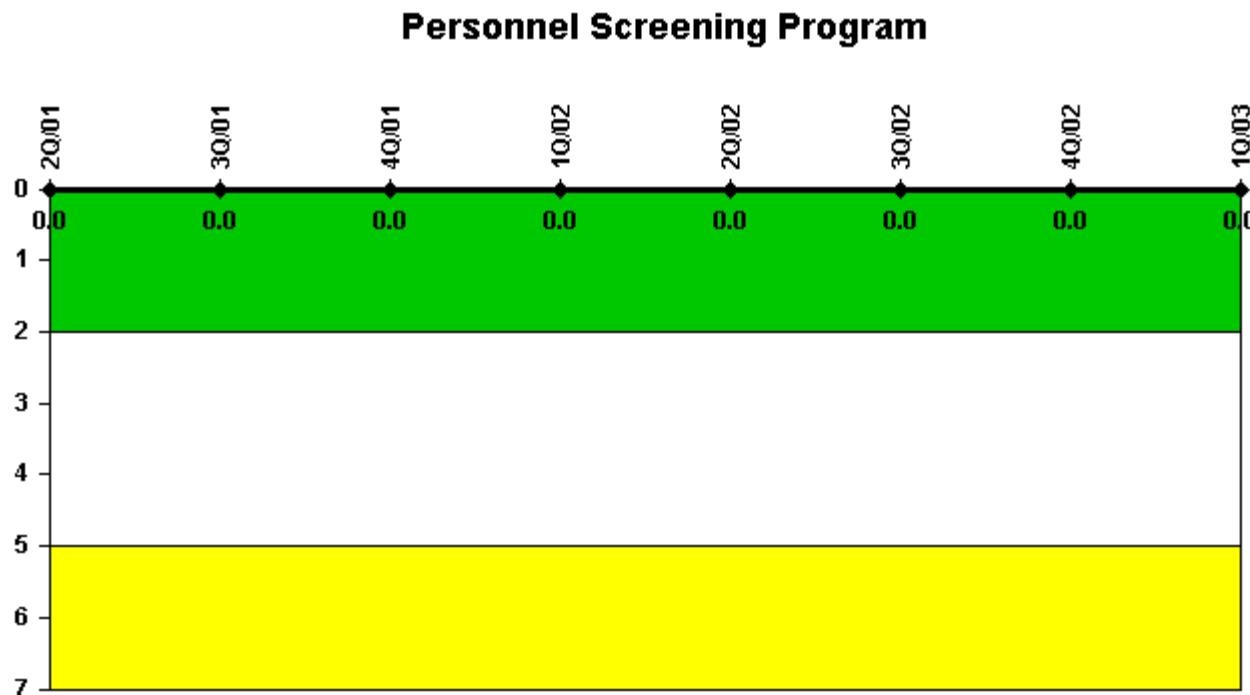


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
IDS compensatory hours	67.00	105.90	50.40	30.30	28.80	67.50	45.60	63.20
CCTV compensatory hours	0	0	0	0	1.7	0	0.1	16.2
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.009	0.007	0.006	0.006	0.005	0.004	0.004	0.006

Licensee Comments: none

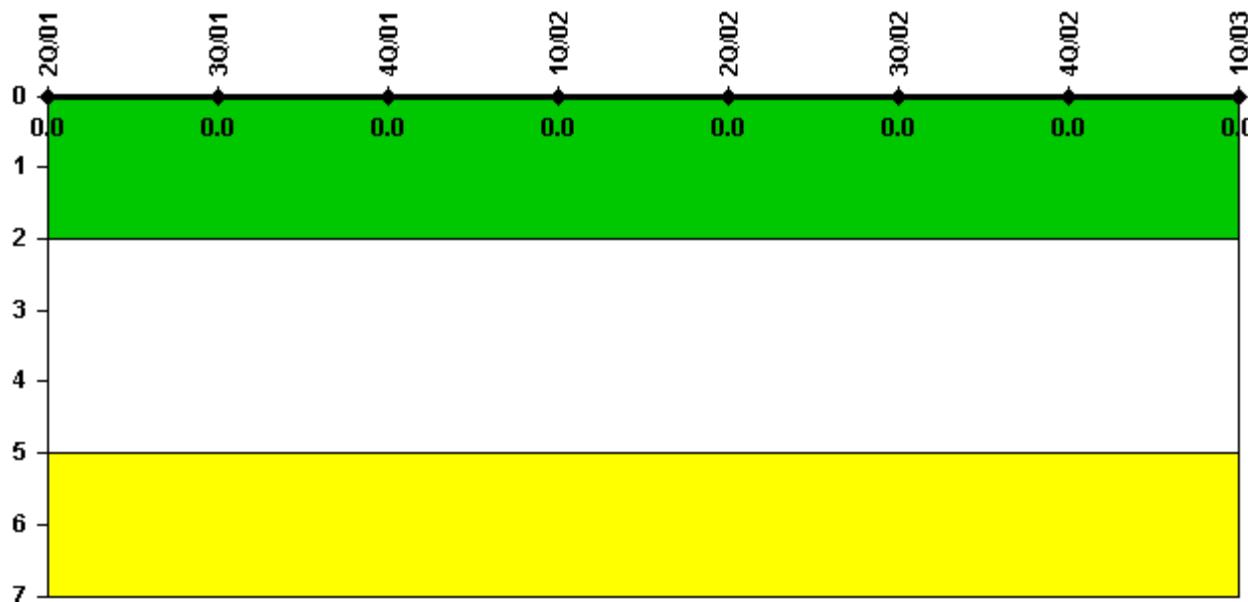


Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/01	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



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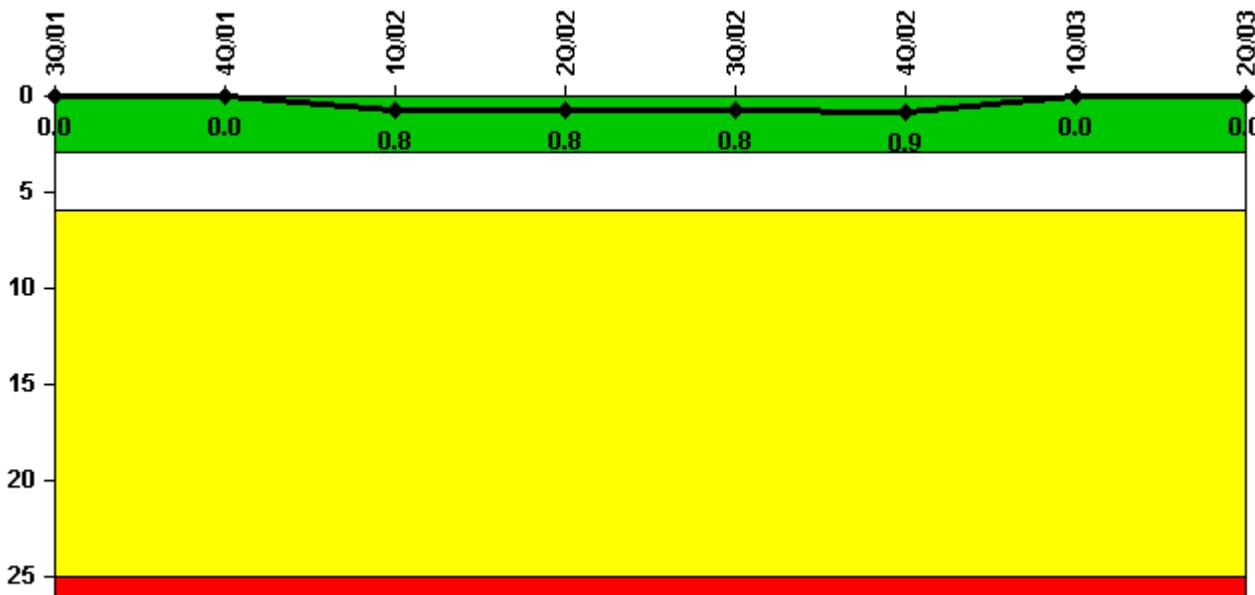
Last Modified: April 22, 2003

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2Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2100.6	2183.0	1798.8	2009.1	2160.0	2183.0
Indicator value	0	0	0.8	0.8	0.8	0.9	0	0

Licensee Comments: none

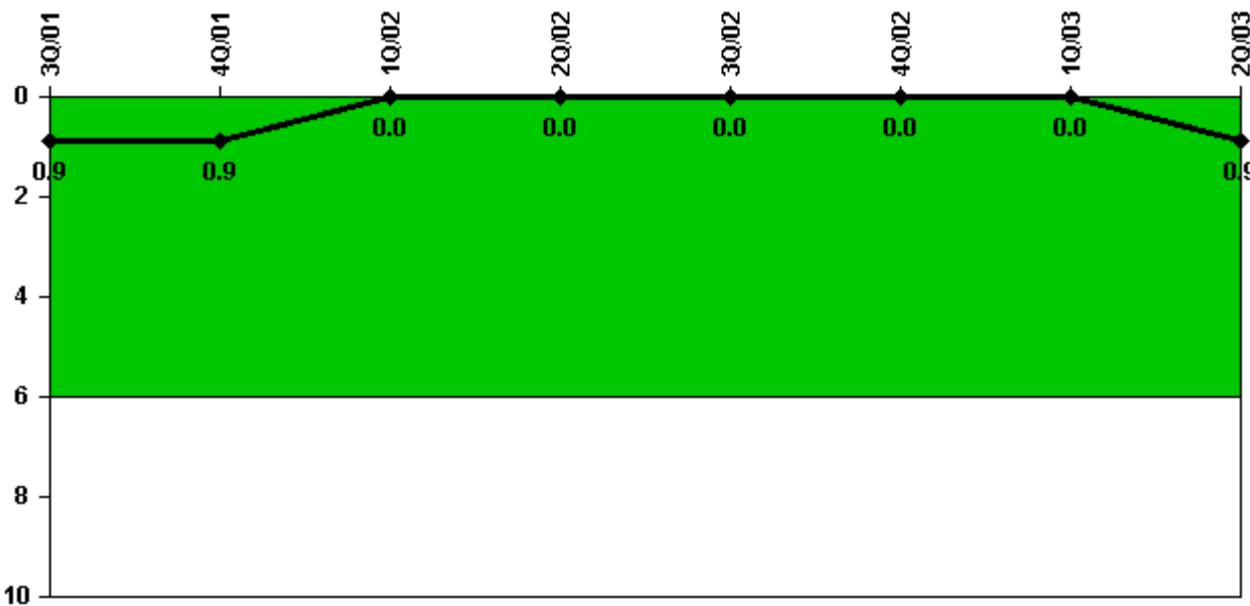
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

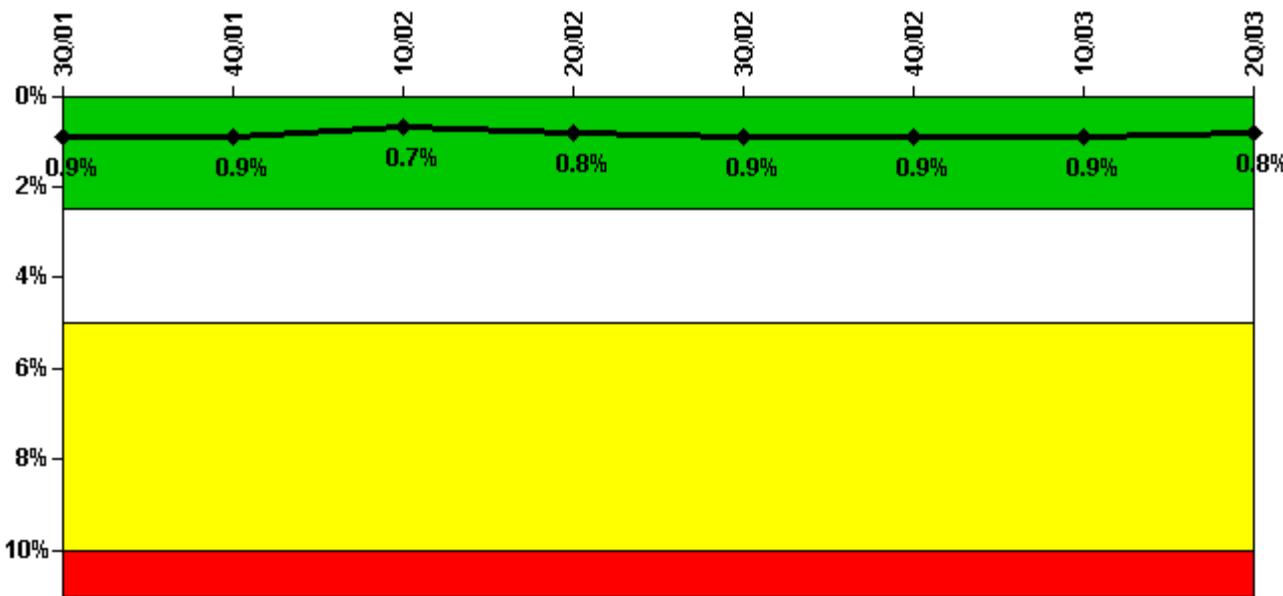
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	2100.6	2183.0	1798.8	2009.1	2160.0	2183.0
Indicator value	0.9	0.9	0	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



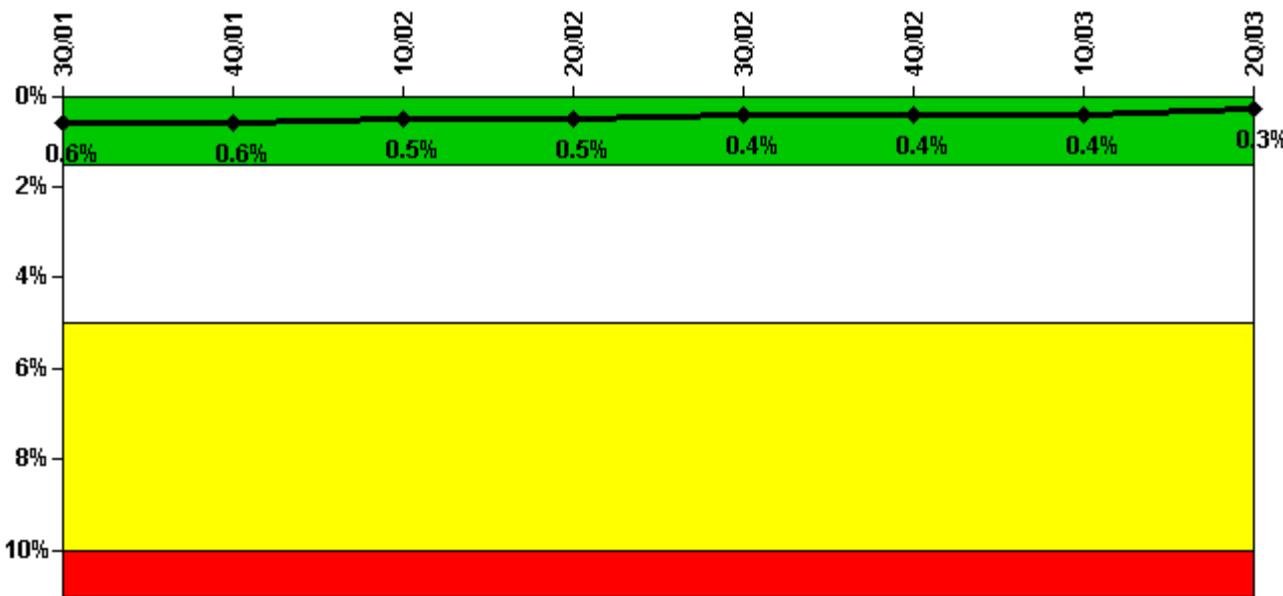
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	13.74	15.28	1.88	2.14	53.91	4.37	16.98	18.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	2.60	13.20	2.12	19.38	21.28	15.79	8.70	18.25
Unplanned unavailable hours	21.00	0	0	42.50	1.20	7.05	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.9%	0.9%	0.7%	0.8%	0.9%	0.9%	0.9%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

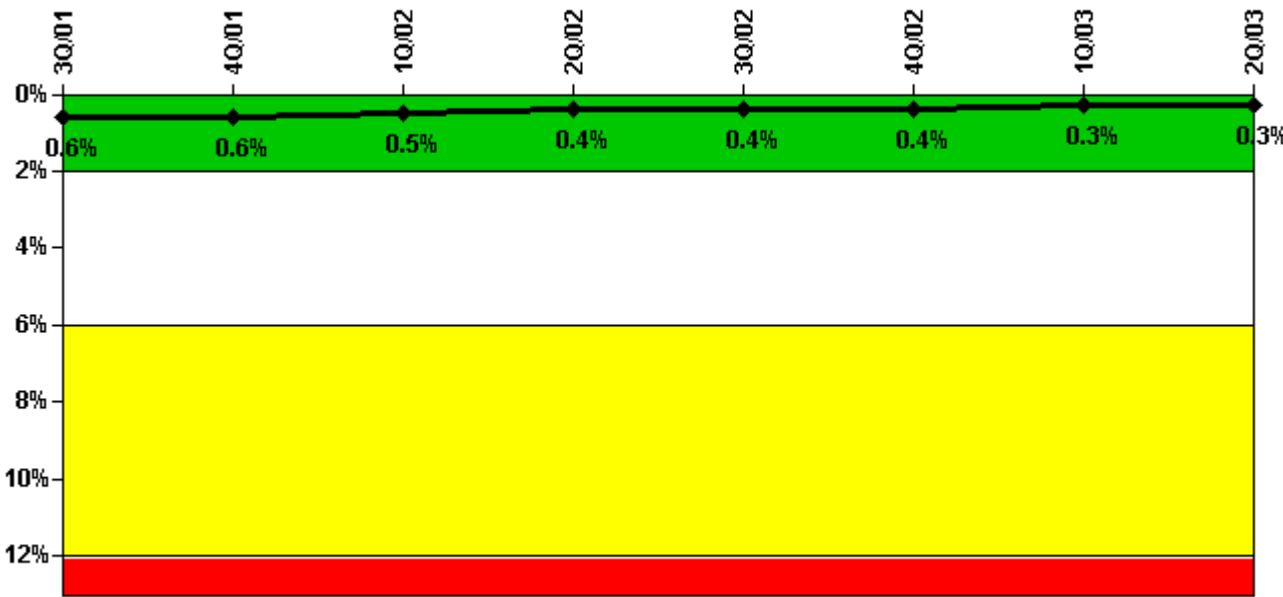
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0.20	0.70	0.20	0.25	13.05	6.16	0.48	0.33
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1806.90	2073.77	2160.00	2183.00
Train 2								
Planned unavailable hours	0.30	9.50	9.35	3.60	5.55	0.40	16.40	0.37
Unplanned unavailable hours	0	0	0	0	16.75	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1816.10	2058.37	2160.00	2183.00
Train 3								
Planned unavailable hours	4.60	11.80	1.14	0.92	5.48	12.83	6.65	3.08
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1806.90	2058.37	2160.00	2183.00
Train 4								
Planned unavailable hours	0	10.70	7.43	3.06	0.98	10.29	0.60	0.93
Unplanned unavailable hours	0	0	0	0.02	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2208.00	2209.00	2160.00	2183.00	1806.90	2058.37	2160.00	2183.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.4%	0.4%	0.4%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

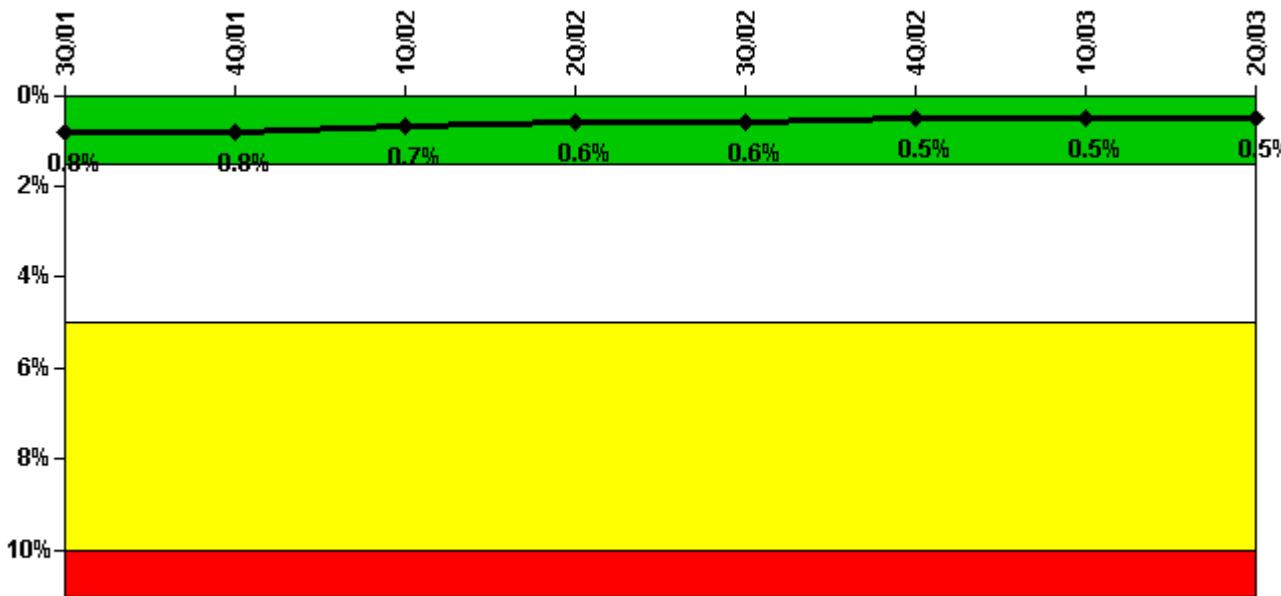
Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	1.50	3.90	4.20	0.90	10.42	0.73	1.00	1.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00
Train 2								
Planned unavailable hours	5.00	5.30	1.08	12.53	0.90	6.90	0.70	1.12
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00
Train 3								

Planned unavailable hours	10.70	3.20	11.63	14.27	11.32	9.82	2.50	2.33
Unplanned unavailable hours	0	0	0	0	0	5.57	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00
Indicator value	0.6%	0.6%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

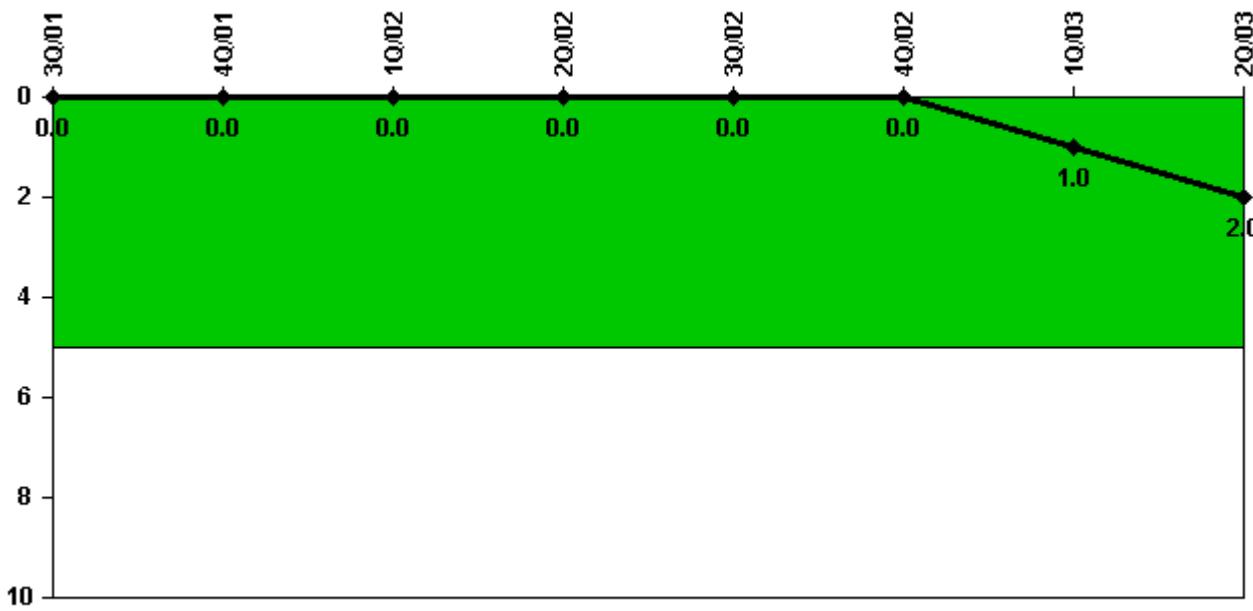
Notes

Safety System Unavailability, Residual Heat Removal System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Train 1								
Planned unavailable hours	0	11.50	8.00	0	14.25	4.69	20.56	0
Unplanned unavailable hours	0	0	0	0.87	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	2.47	3.48	11.00	18.40	7.05	14.17	8.25	9.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.8%	0.8%	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



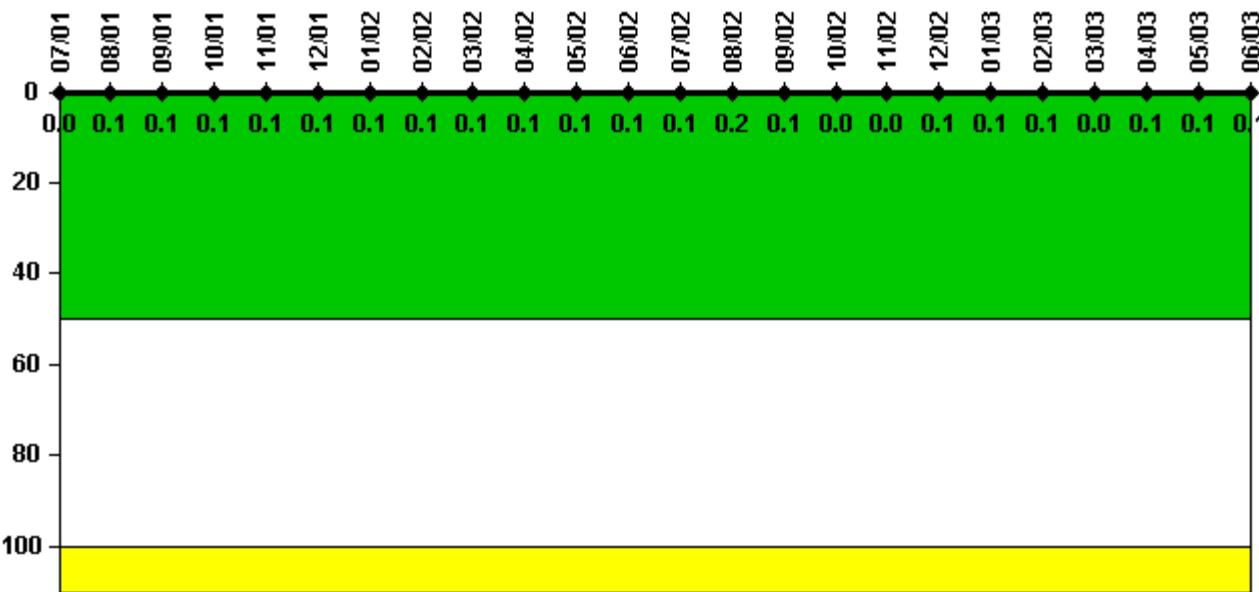
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Safety System Functional Failures	0	0	0	0	0	0	1	1
Indicator value	0	0	0	0	0	0	1	2

Licensee Comments: none

Reactor Coolant System Activity



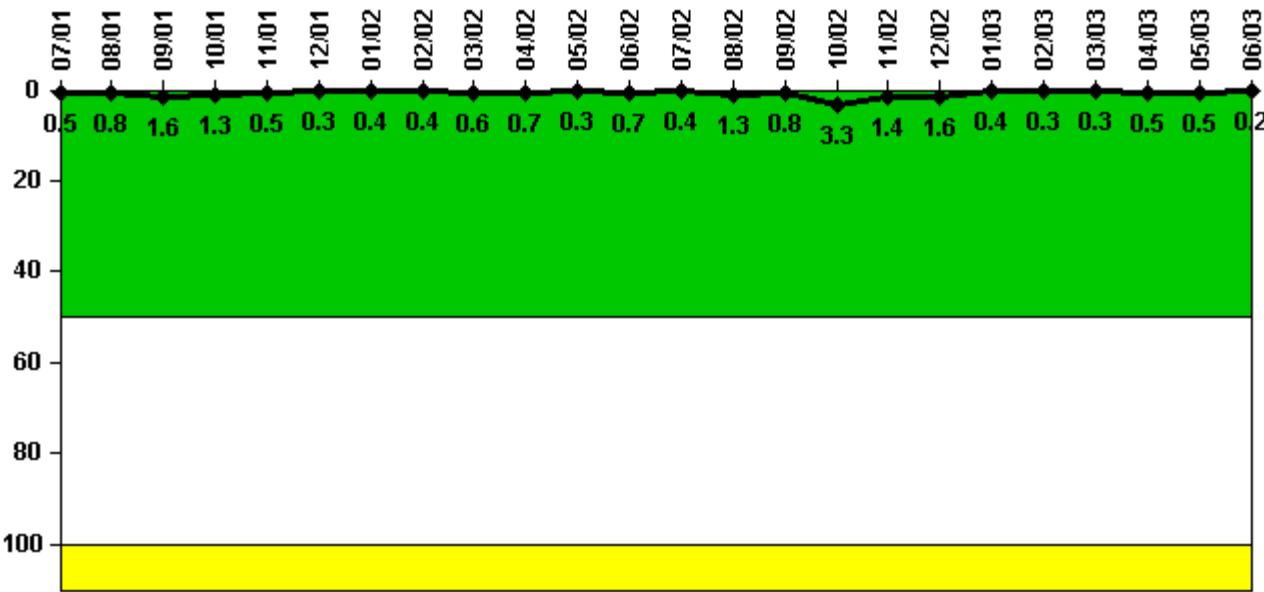
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum activity	0.000490	0.000540	0.000510	0.000510	0.000780	0.000590	0.001280	0.000620	0.000660	0.001296	0.001028	0.000827
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000840	0.001550	0.000810	0.000450	0.000470	0.000620	0.000660	0.000590	0.000470	0.000580	0.000890	0.000970
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.1	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



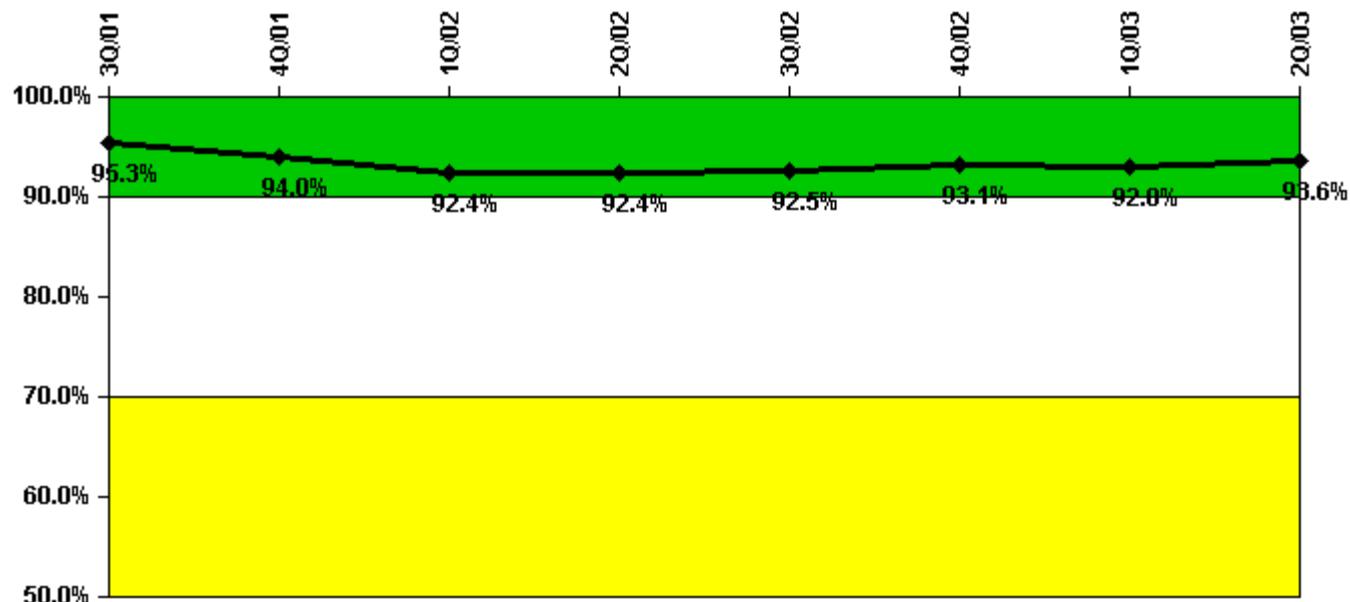
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/01	8/01	9/01	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02
Maximum leakage	0.049	0.083	0.158	0.133	0.047	0.034	0.038	0.035	0.062	0.065	0.029	0.070
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.8	1.6	1.3	0.5	0.3	0.4	0.4	0.6	0.7	0.3	0.7

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.039	0.125	0.079	0.330	0.141	0.159	0.042	0.026	0.033	0.054	0.047	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	1.3	0.8	3.3	1.4	1.6	0.4	0.3	0.3	0.5	0.5	0.2

Licensee Comments: none

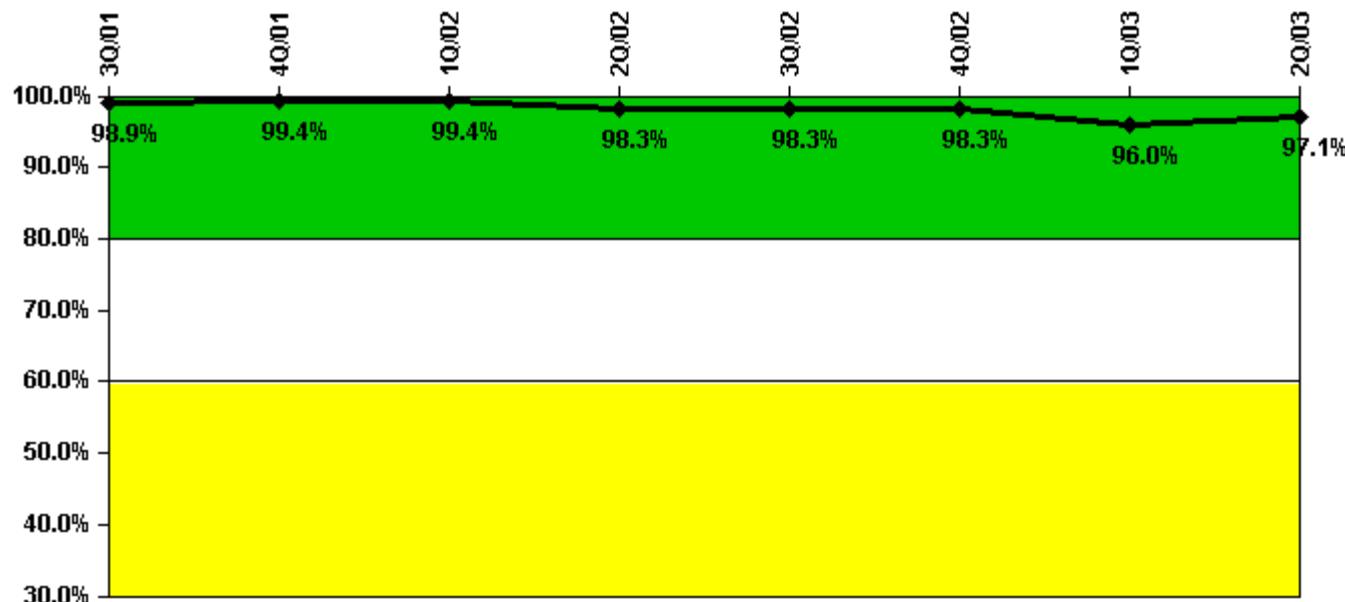
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful opportunities	11.0	46.0	7.0	12.0	2.0	14.0	13.0	26.0
Total opportunities	14.0	50.0	8.0	12.0	2.0	14.0	14.0	26.0
Indicator value	95.3%	94.0%	92.4%	92.4%	92.5%	93.1%	92.8%	93.6%

Licensee Comments: none

ERO Drill Participation

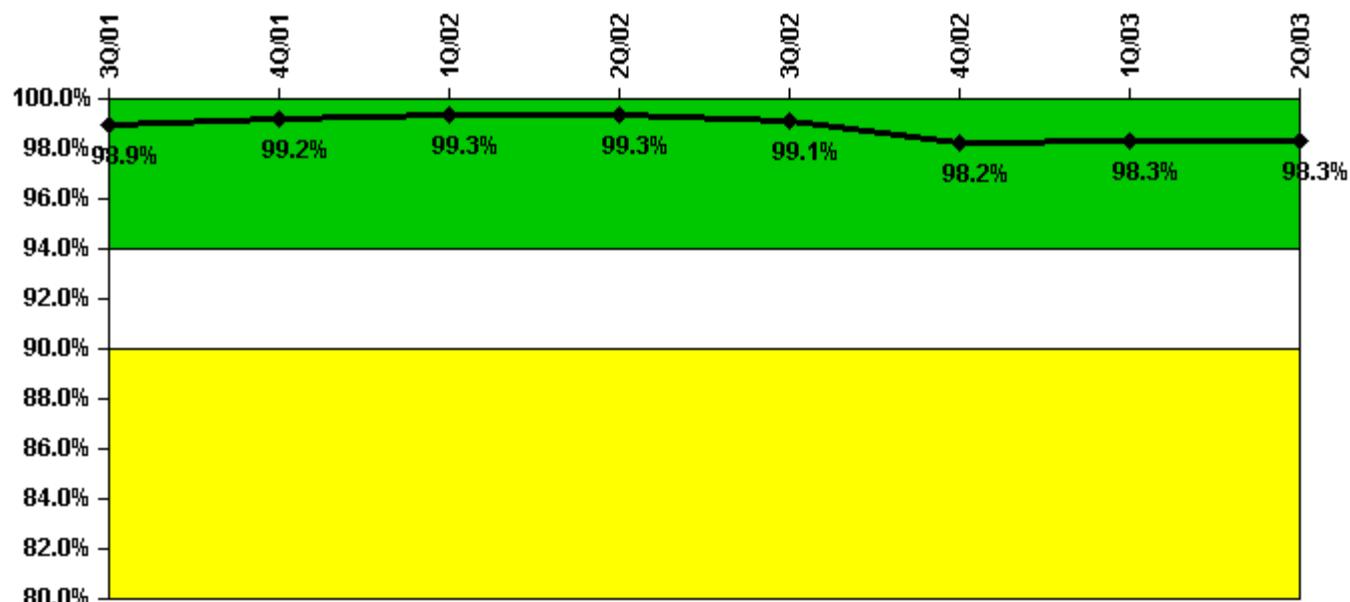
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Participating Key personnel	174.0	175.0	171.0	175.0	173.0	172.0	167.0	169.0
Total Key personnel	176.0	176.0	172.0	178.0	176.0	175.0	174.0	174.0
Indicator value	98.9%	99.4%	99.4%	98.3%	98.3%	98.3%	96.0%	97.1%

Licensee Comments: none

Alert & Notification System



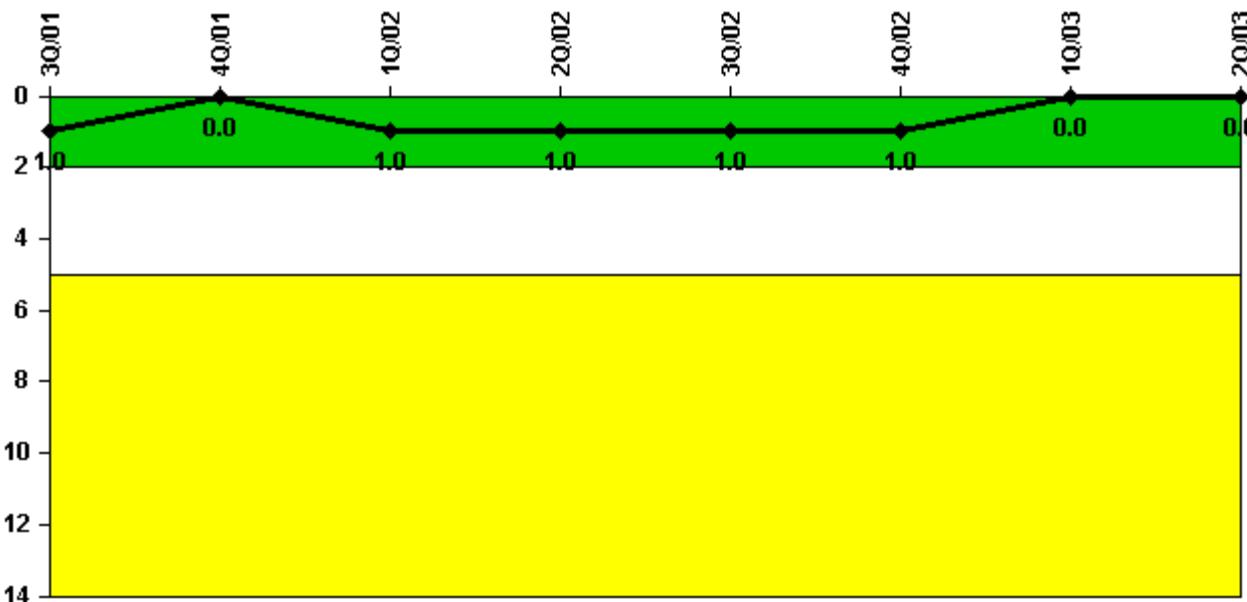
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Successful siren-tests	1727	1737	1730	1726	1729	1744	1720	1796
Total sirens-tests	1742	1742	1742	1742	1758	1812	1730	1809
Indicator value	98.9%	99.2%	99.3%	99.3%	99.1%	98.2%	98.3%	98.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness

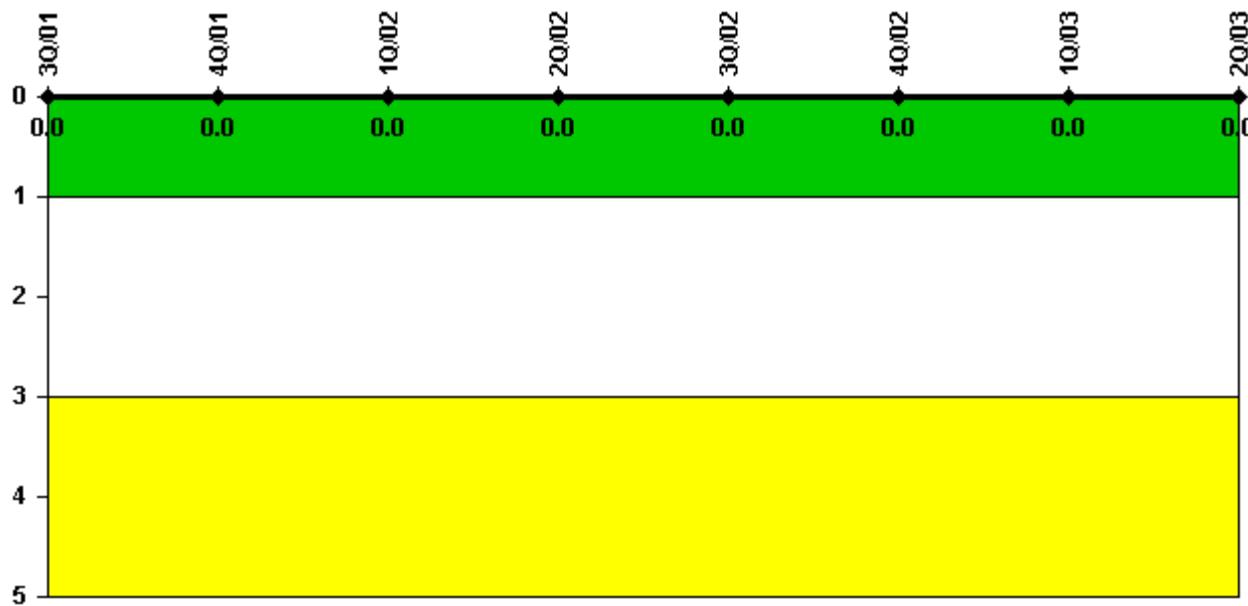


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
High radiation area occurrences	0	0	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

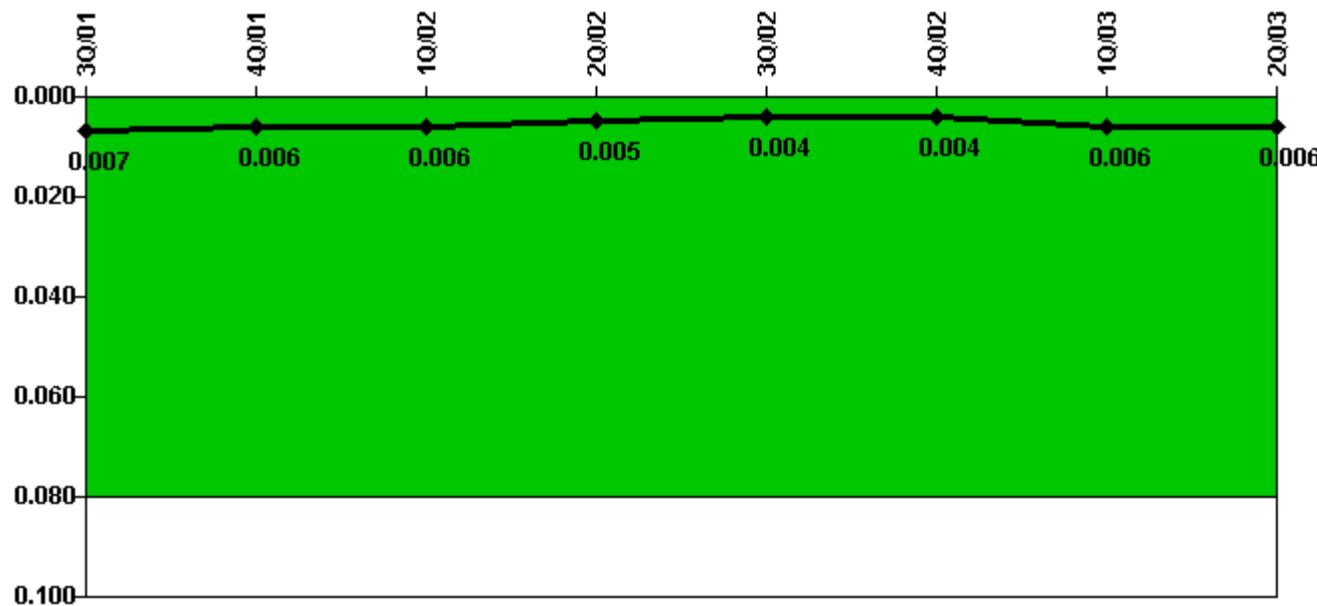
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

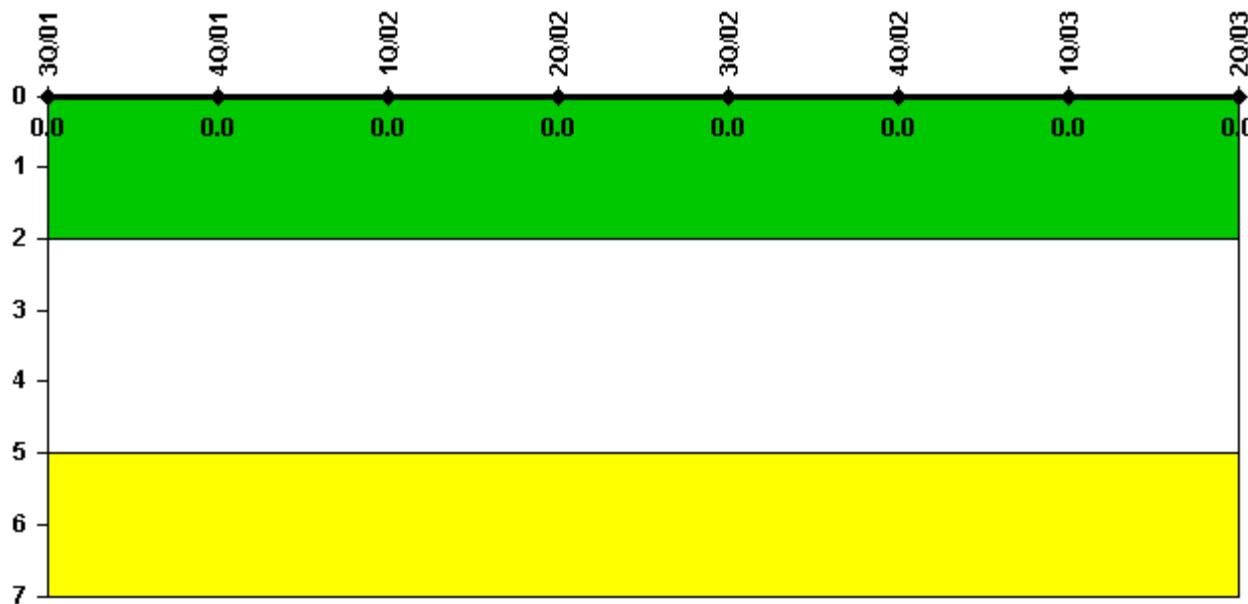


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
IDS compensatory hours	105.90	50.40	30.30	28.80	67.50	45.60	63.20	23.00
CCTV compensatory hours	0	0	0	1.7	0	0.1	16.2	4.4
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.007	0.006	0.006	0.005	0.004	0.004	0.006	0.006

Licensee Comments: none

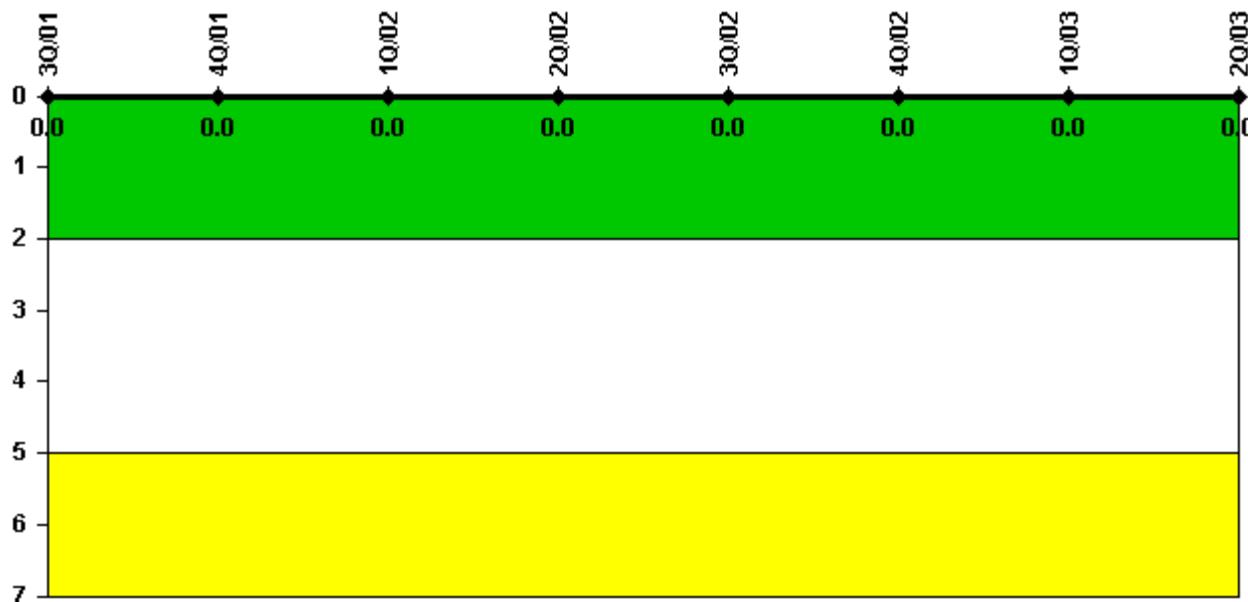
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	3Q/01	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

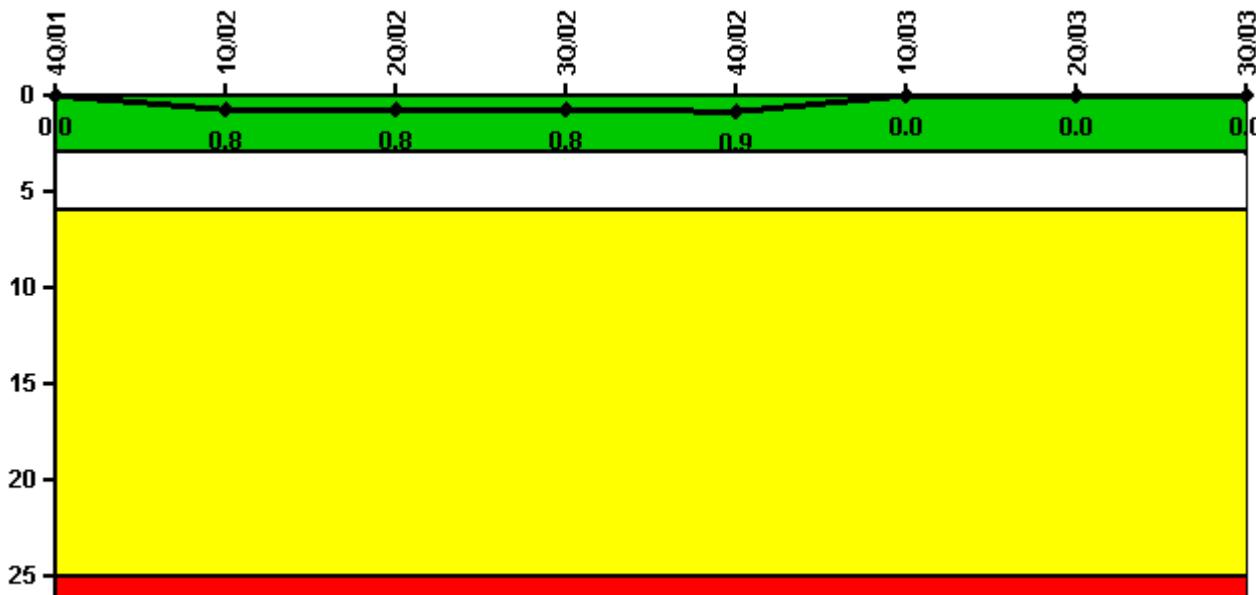
Last Modified: July 22, 2003

McGuire 1

3Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2100.6	2183.0	1798.8	2009.1	2160.0	2183.0	2208.0
Indicator value	0	0.8	0.8	0.8	0.9	0	0	0

Licensee Comments: none

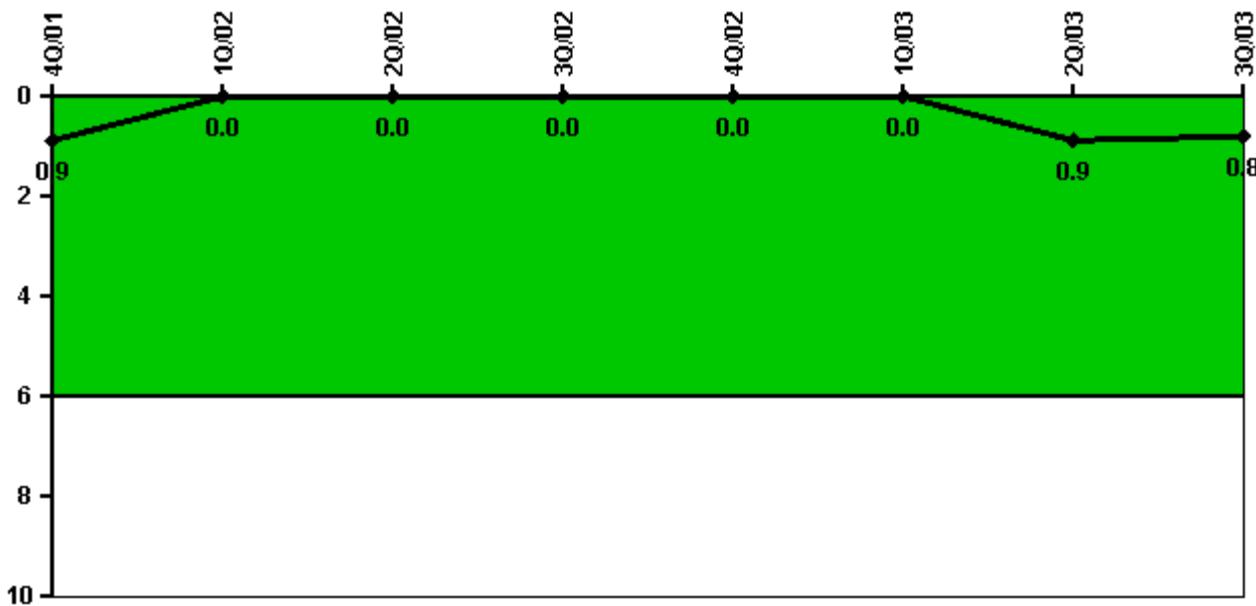
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

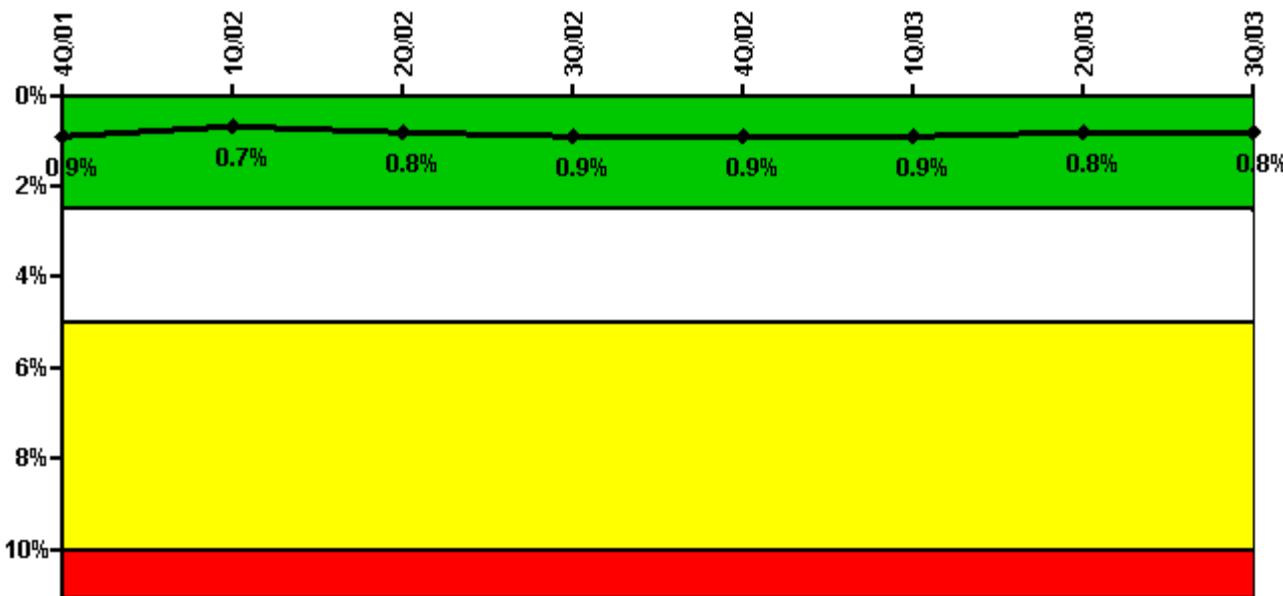
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	2100.6	2183.0	1798.8	2009.1	2160.0	2183.0	2208.0
Indicator value	0.9	0	0	0	0	0	0.9	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



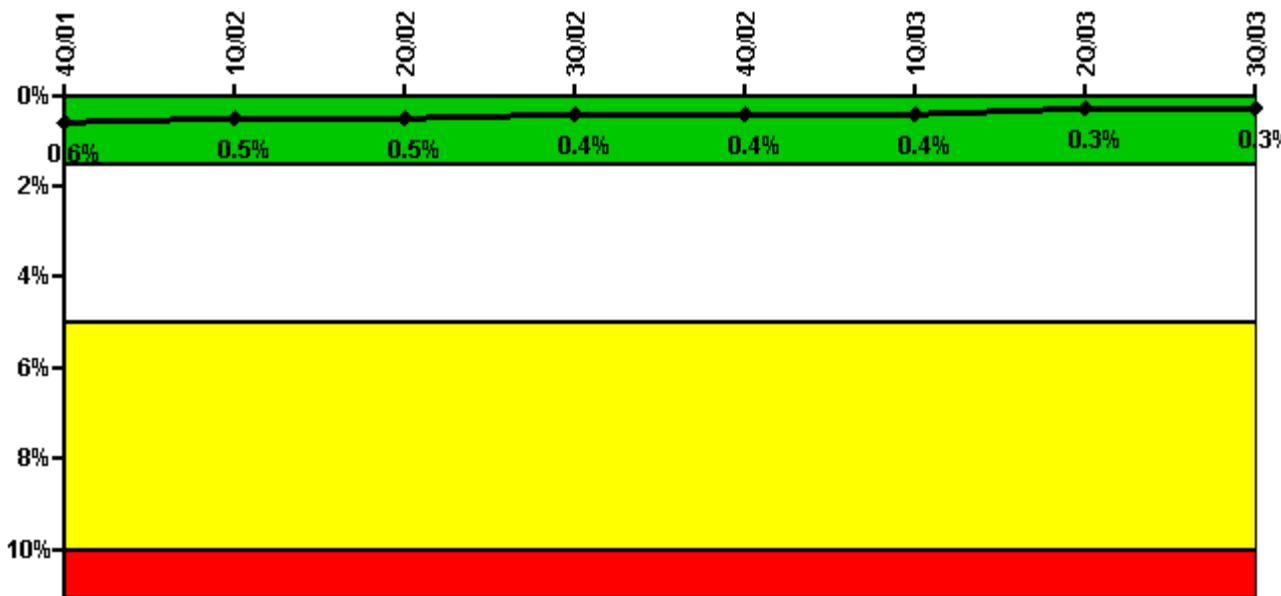
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	15.28	1.88	2.14	53.91	4.37	16.98	18.60	19.05
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	13.20	2.12	19.38	21.28	15.79	8.70	18.25	14.86
Unplanned unavailable hours	0	0	42.50	1.20	7.05	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.9%	0.7%	0.8%	0.9%	0.9%	0.9%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

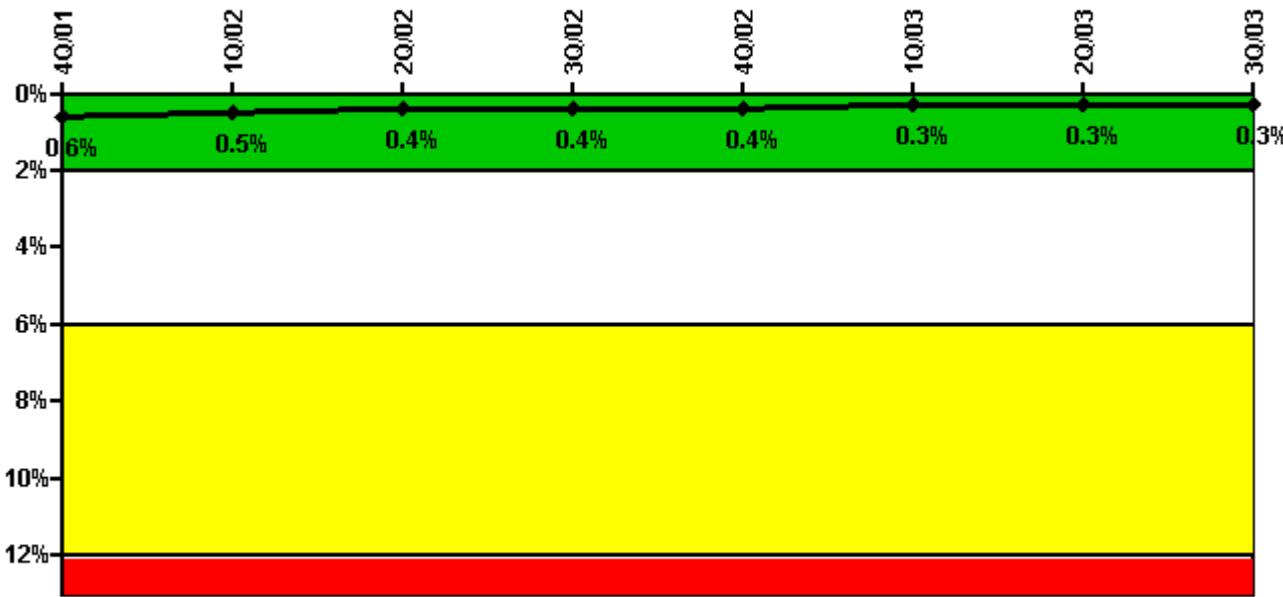
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	0.70	0.20	0.25	13.05	6.16	0.48	0.33	0.66
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1806.90	2073.77	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	9.50	9.35	3.60	5.55	0.40	16.40	0.37	0.33
Unplanned unavailable hours	0	0	0	16.75	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1816.10	2058.37	2160.00	2183.00	2208.00
Train 3								
Planned unavailable hours	11.80	1.14	0.92	5.48	12.83	6.65	3.08	14.54
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1806.90	2058.37	2160.00	2183.00	2208.00
Train 4								
Planned unavailable hours	10.70	7.43	3.06	0.98	10.29	0.60	0.93	7.60
Unplanned unavailable hours	0	0	0.02	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2209.00	2160.00	2183.00	1806.90	2058.37	2160.00	2183.00	2208.00
Indicator value	0.6%	0.5%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

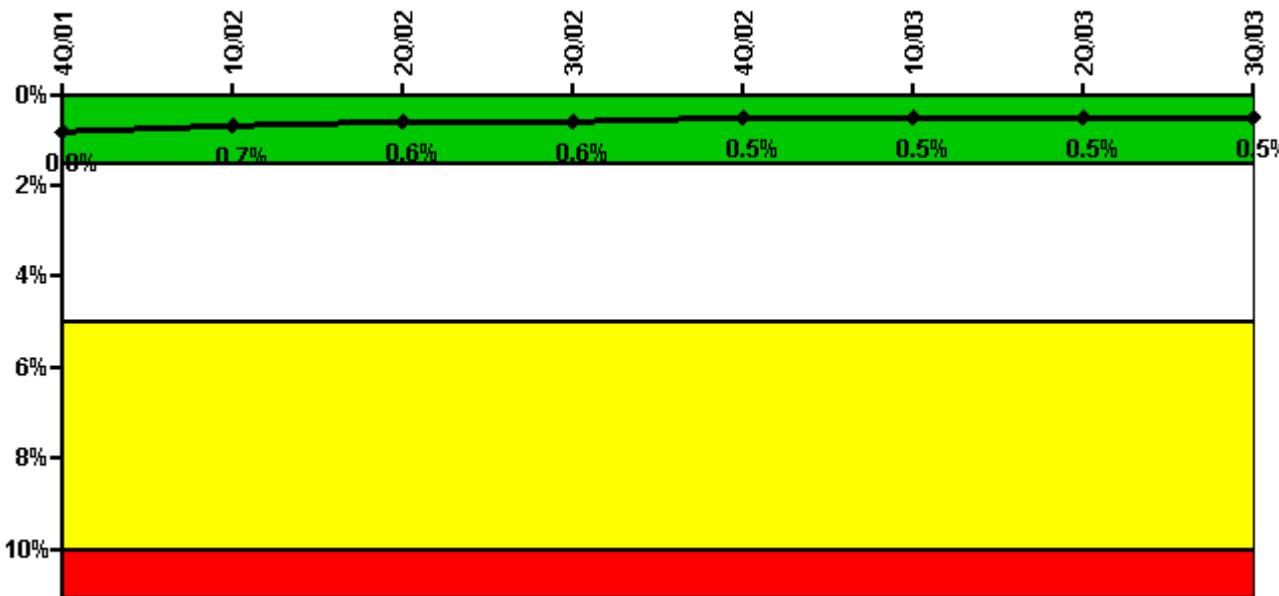
Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	3.90	4.20	5.58	17.00	0.73	1.00	1.10	0.85
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	5.30	1.08	12.53	0.90	20.55	0.70	1.12	12.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00
Train 3								

Planned unavailable hours	3.20	11.63	14.27	11.32	15.23	2.50	2.33	1.70
Unplanned unavailable hours	0	0	0	0	5.57	0	0	3.57
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00
Indicator value	0.6%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

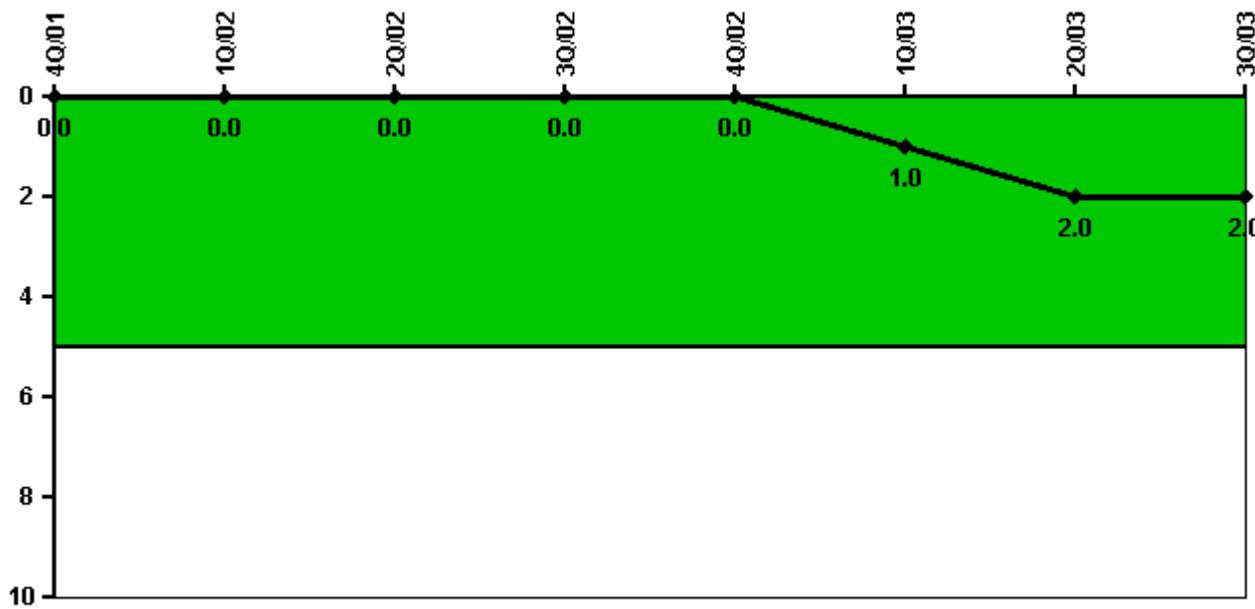
Notes

Safety System Unavailability, Residual Heat Removal System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Train 1								
Planned unavailable hours	11.50	8.00	0	14.25	4.69	20.56	0	11.90
Unplanned unavailable hours	0	0	0.87	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	3.48	11.00	18.40	7.05	14.17	8.25	9.60	13.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.8%	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



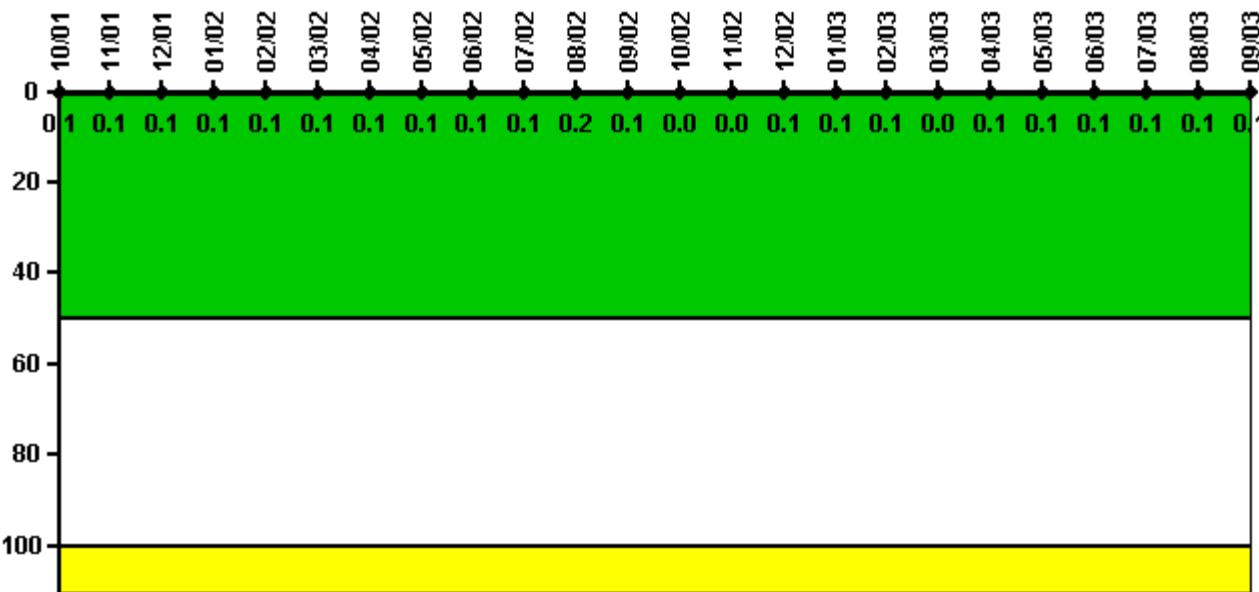
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Safety System Functional Failures	0	0	0	0	0	1	1	0
Indicator value	0	0	0	0	0	1	2	2

Licensee Comments: none

Reactor Coolant System Activity



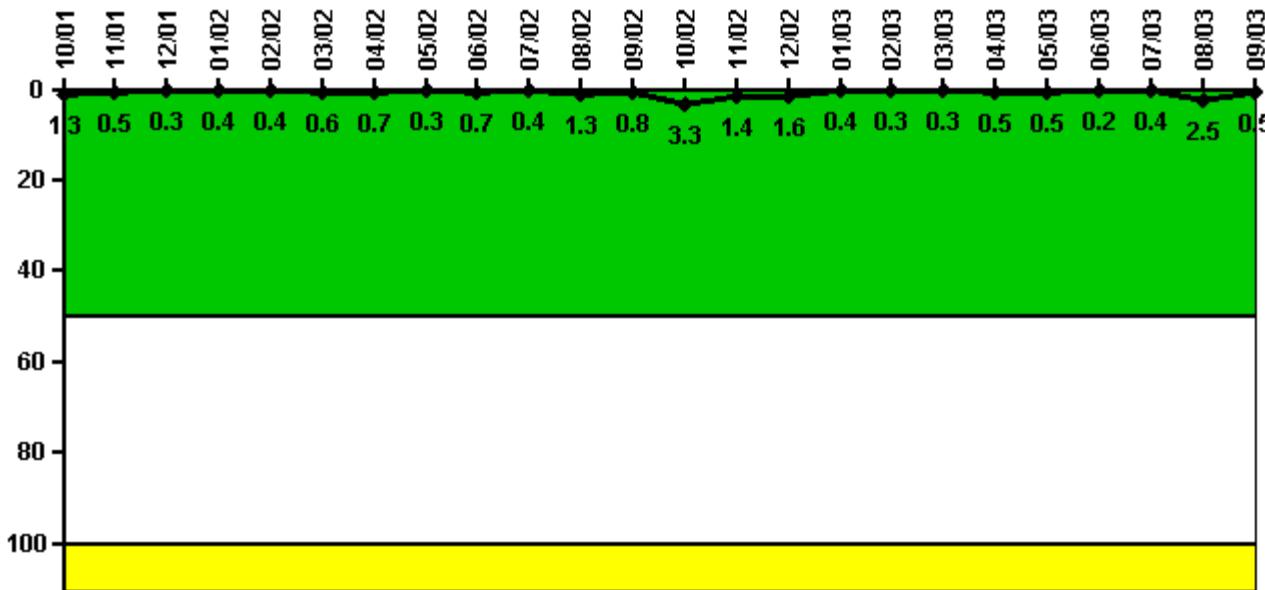
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum activity	0.000510	0.000780	0.000590	0.001280	0.000620	0.000660	0.001296	0.001028	0.000827	0.000840	0.001550	0.000810
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.1									
Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.000450	0.000470	0.000620	0.000660	0.000590	0.000470	0.000580	0.000890	0.000970	0.001280	0.000830	0.001020
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



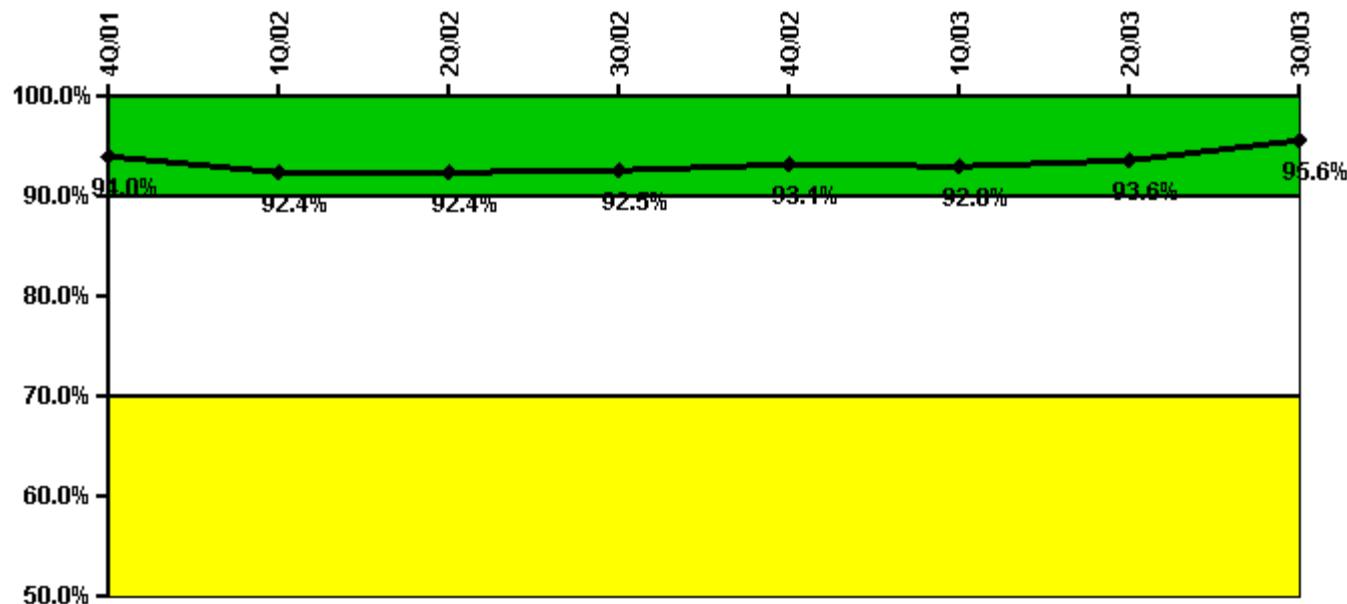
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/01	11/01	12/01	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02
Maximum leakage	0.133	0.047	0.034	0.038	0.035	0.062	0.065	0.029	0.070	0.039	0.125	0.079
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	0.5	0.3	0.4	0.4	0.6	0.7	0.3	0.7	0.4	1.3	0.8

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.330	0.141	0.159	0.042	0.026	0.033	0.054	0.047	0.018	0.040	0.247	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.3	1.4	1.6	0.4	0.3	0.3	0.5	0.5	0.2	0.4	2.5	0.5

Licensee Comments: none

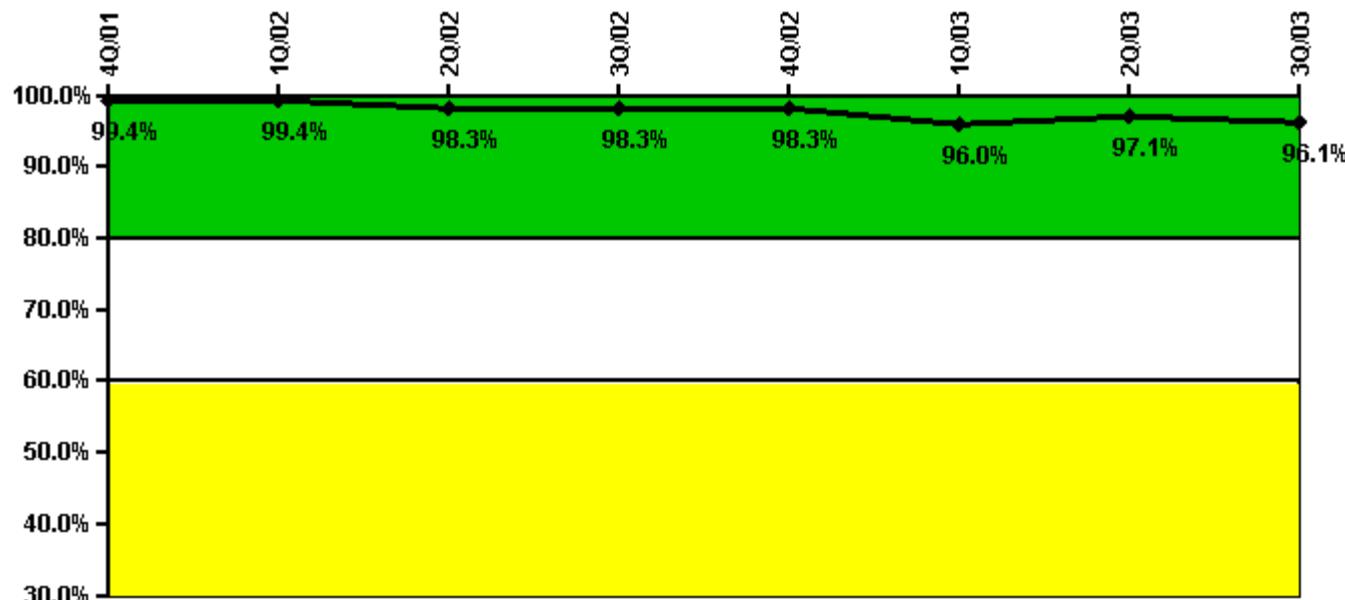
Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful opportunities	46.0	7.0	12.0	2.0	14.0	13.0	26.0	10.0
Total opportunities	50.0	8.0	12.0	2.0	14.0	14.0	26.0	10.0
Indicator value	94.0%	92.4%	92.4%	92.5%	93.1%	92.8%	93.6%	95.6%

Licensee Comments: none

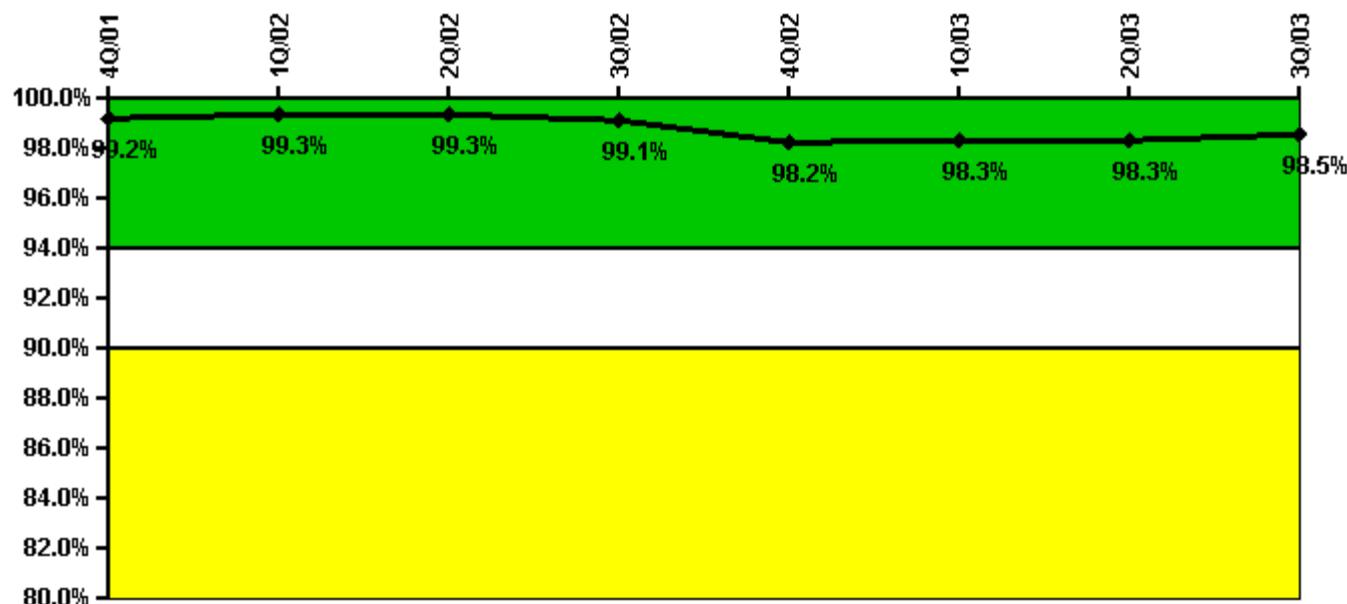
ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Participating Key personnel	175.0	171.0	175.0	173.0	172.0	167.0	169.0	171.0
Total Key personnel	176.0	172.0	178.0	176.0	175.0	174.0	174.0	178.0
Indicator value	99.4%	99.4%	98.3%	98.3%	98.3%	96.0%	97.1%	96.1%

Licensee Comments: none

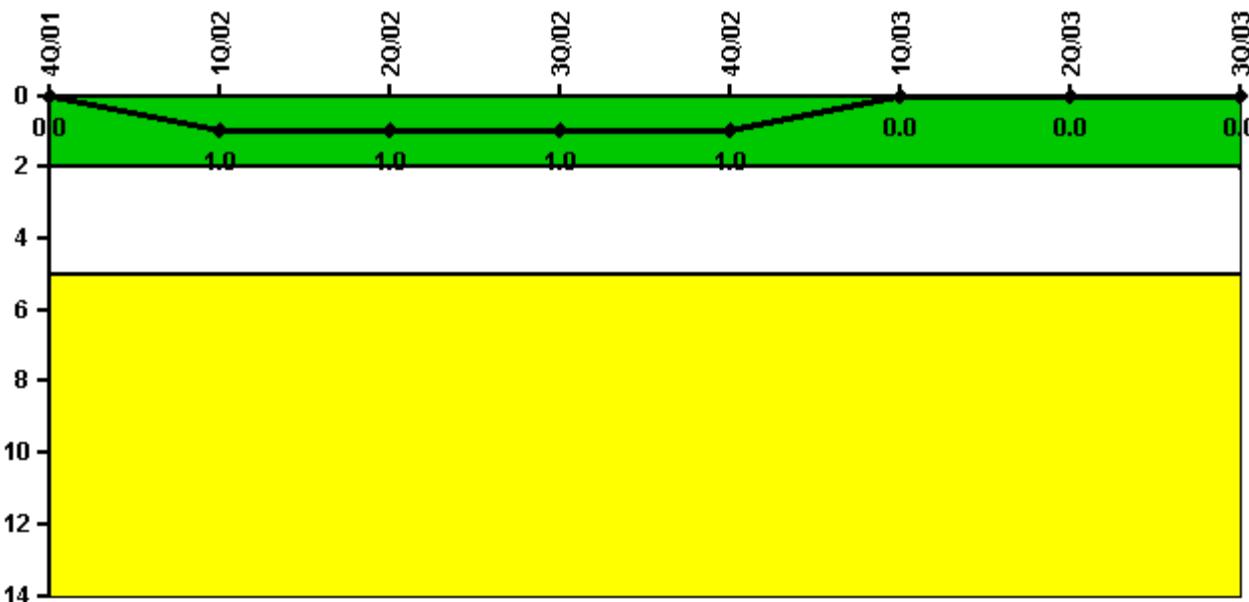
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Successful siren-tests	1737	1730	1726	1729	1744	1720	1796	1845
Total sirens-tests	1742	1742	1742	1758	1812	1730	1809	1860
Indicator value	99.2%	99.3%	99.3%	99.1%	98.2%	98.3%	98.3%	98.5%

Licensee Comments: none

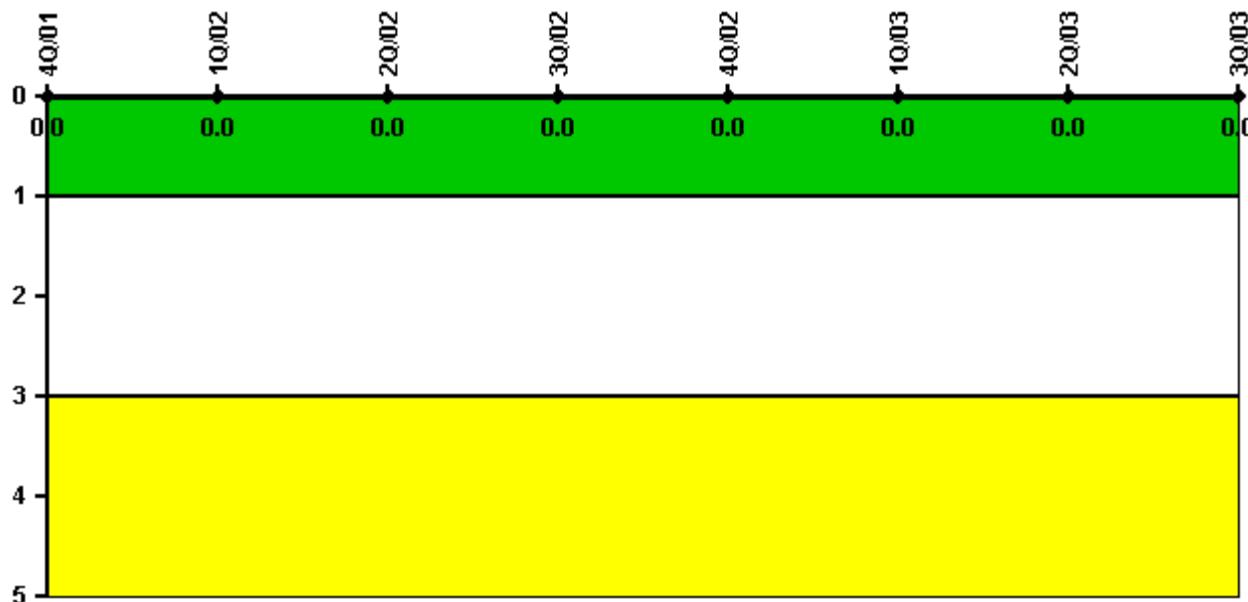
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
High radiation area occurrences	0	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

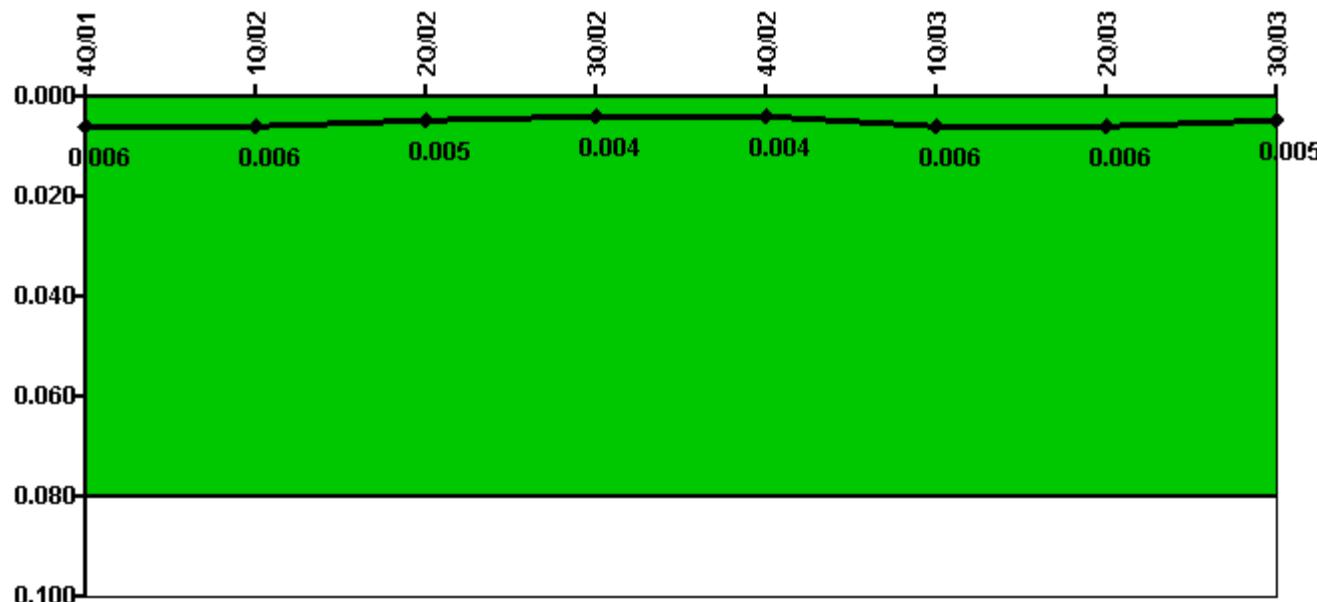
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

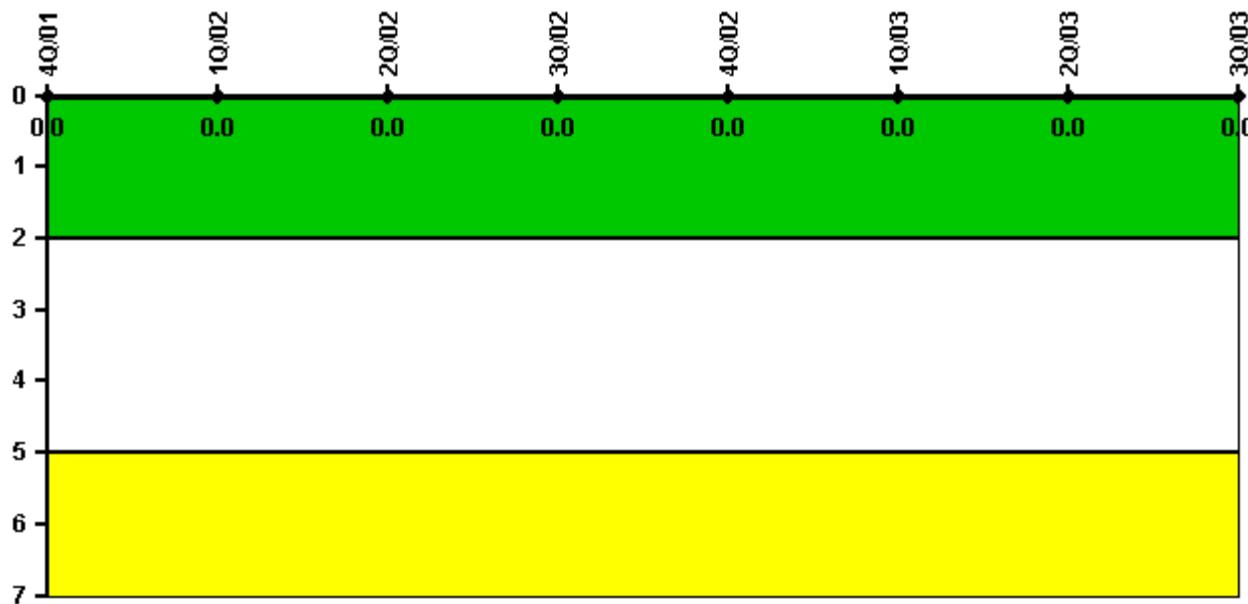


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
IDS compensatory hours	50.40	30.30	28.80	67.50	45.60	63.20	23.00	31.30
CCTV compensatory hours	0	0	1.7	0	0.1	16.2	4.4	1.9
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.006	0.006	0.005	0.004	0.004	0.006	0.006	0.005

Licensee Comments: none

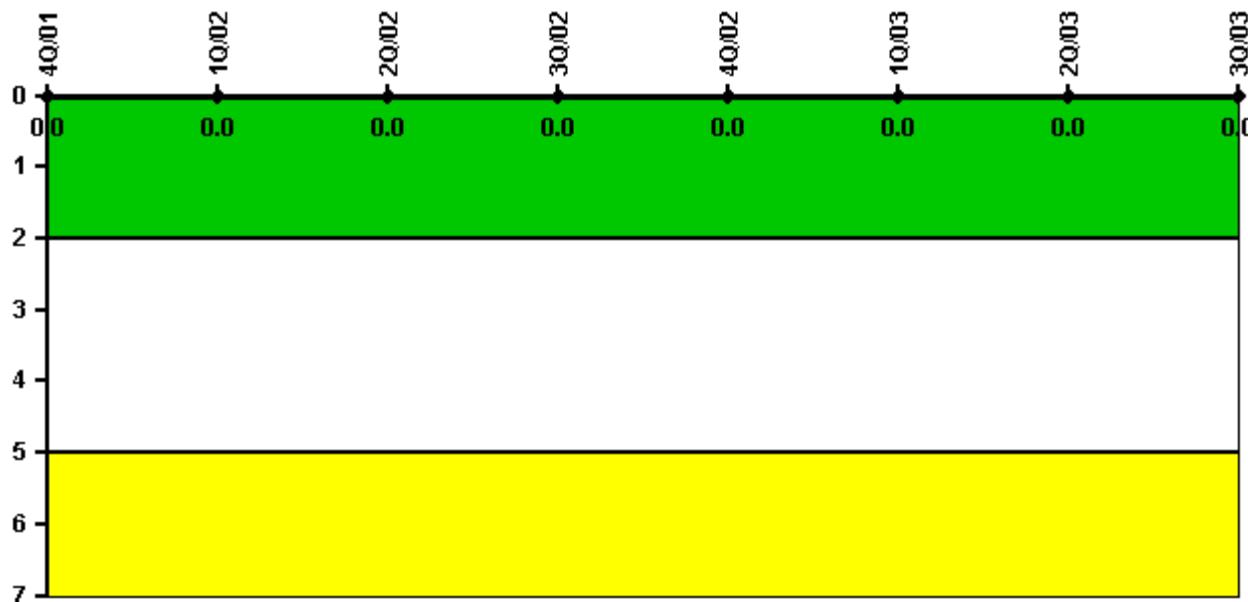
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	4Q/01	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

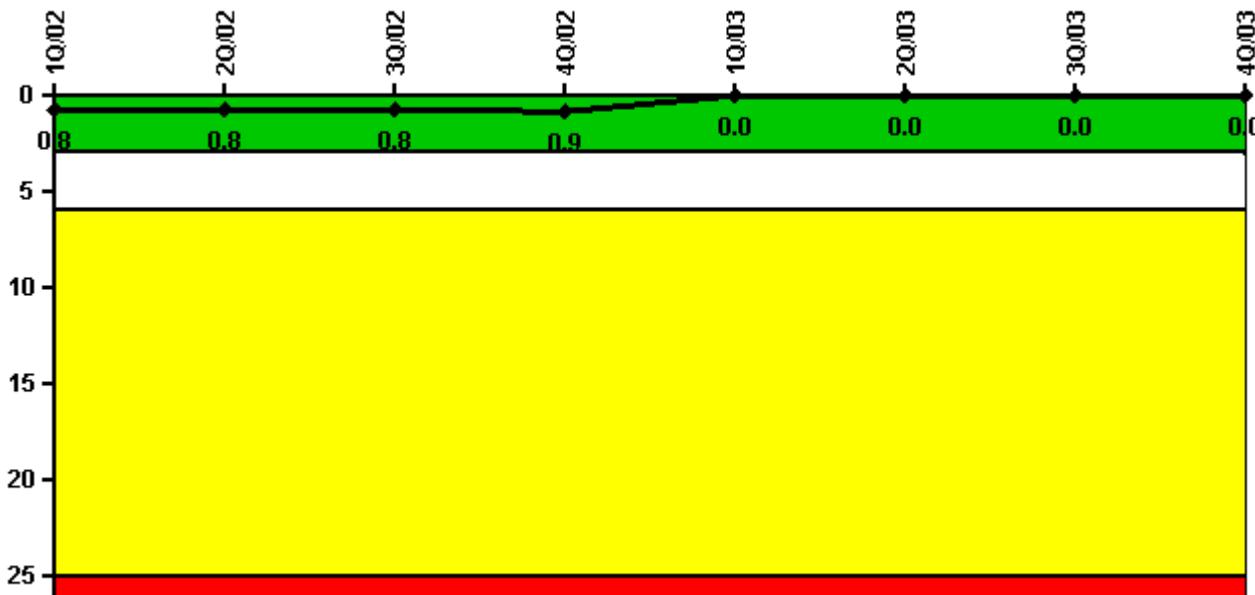
Last Modified: October 22, 2003

McGuire 1

4Q/2003 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2100.6	2183.0	1798.8	2009.1	2160.0	2183.0	2208.0	2209.0
Indicator value	0.8	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

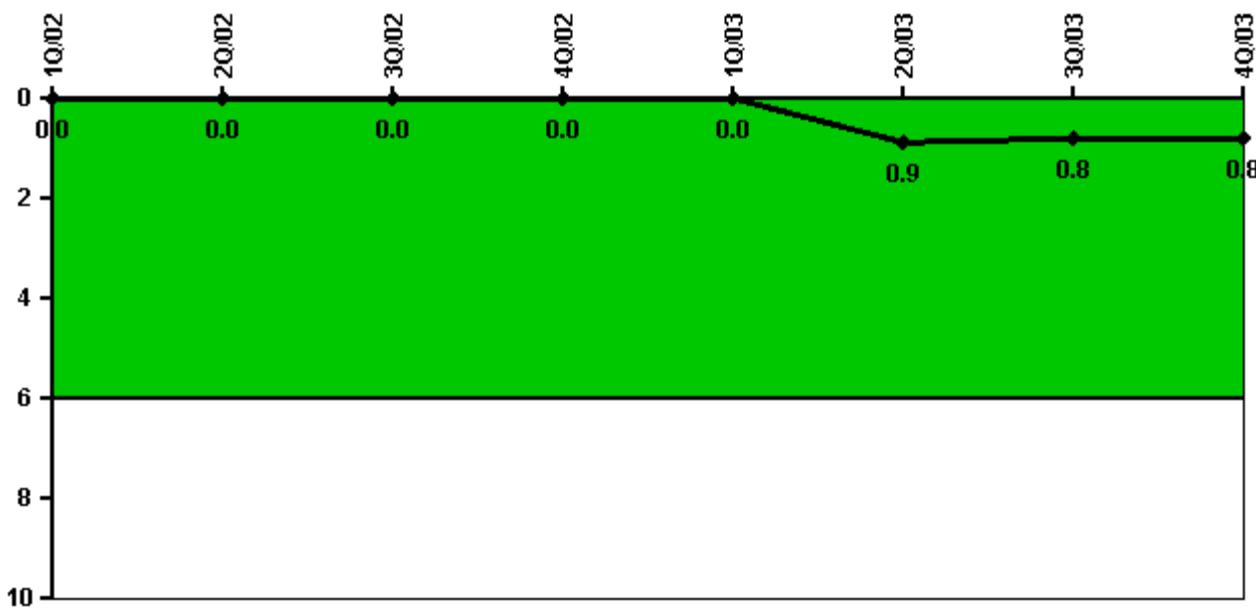
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

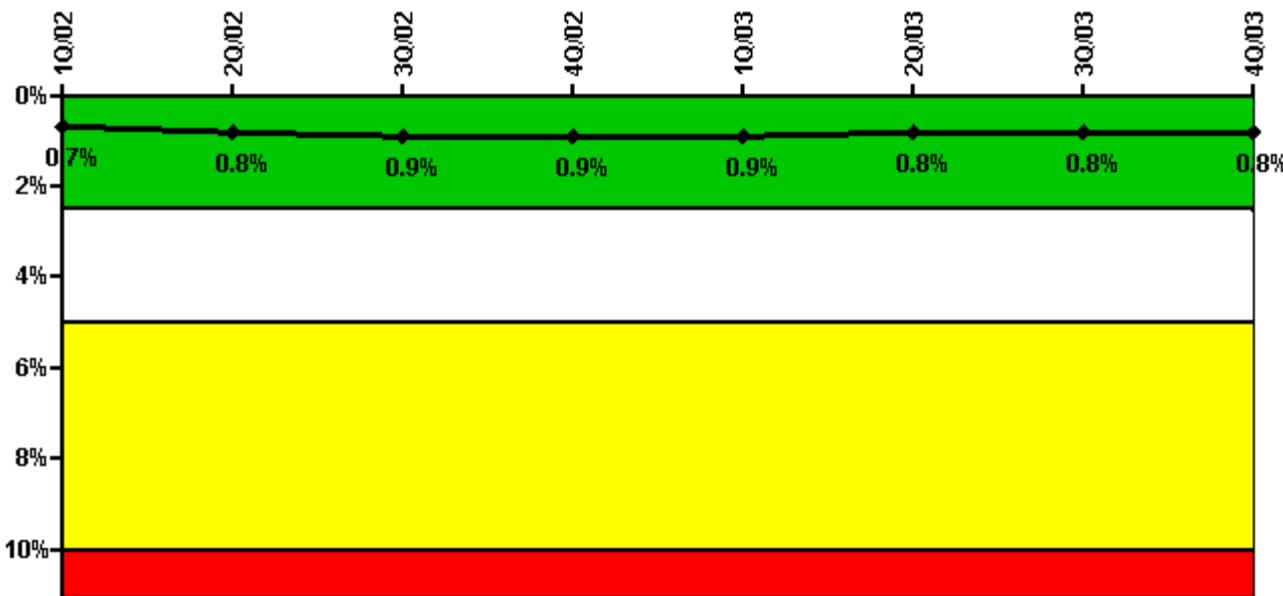
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	2100.6	2183.0	1798.8	2009.1	2160.0	2183.0	2208.0	2209.0
Indicator value	0	0	0	0	0	0.9	0.8	0.8

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



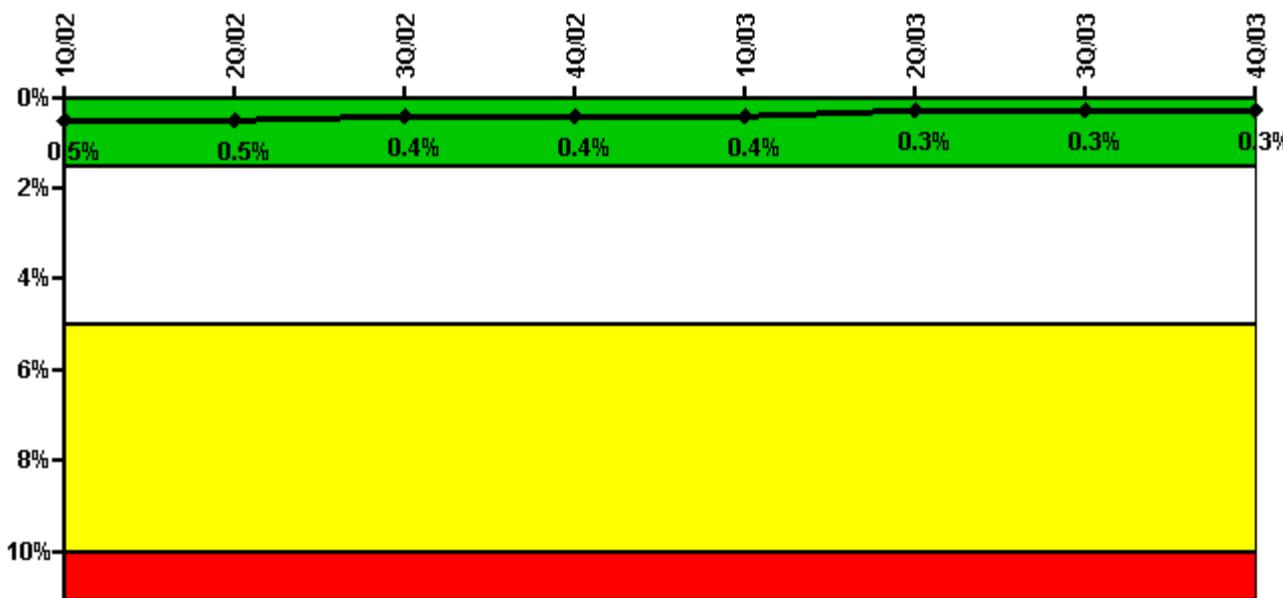
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	1.88	2.14	53.91	4.37	16.98	18.60	19.05	11.52
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	2.12	19.38	21.28	15.79	8.70	18.25	14.86	20.82
Unplanned unavailable hours	0	42.50	1.20	7.05	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.8%	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

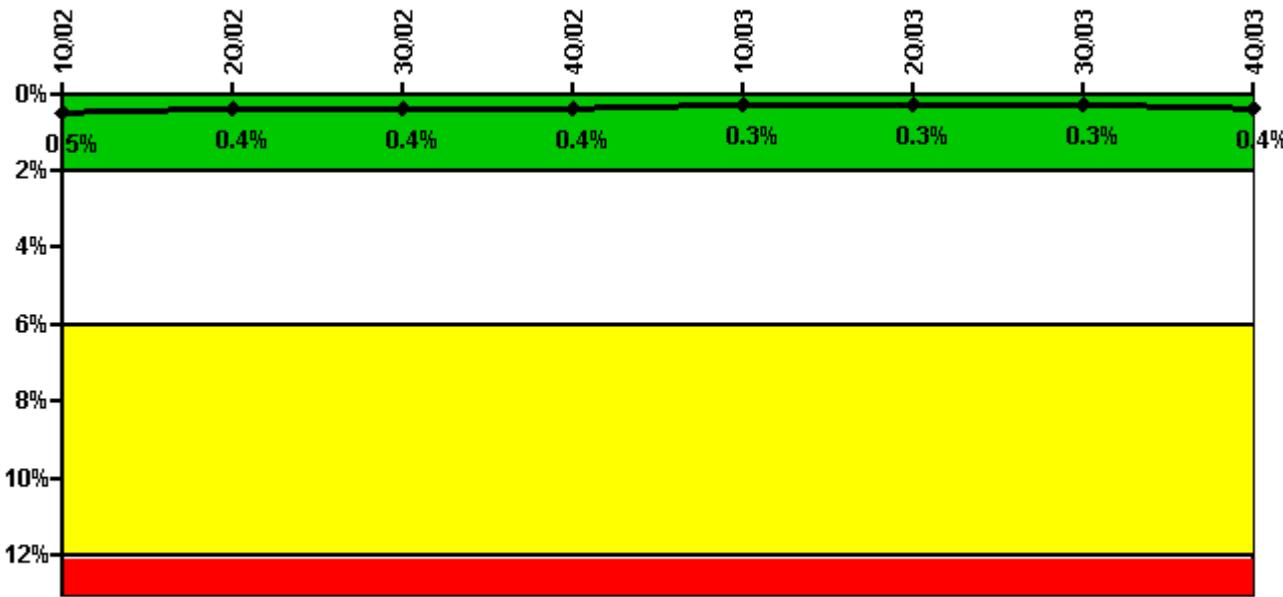
Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	0.20	0.25	13.05	6.16	0.48	0.33	0.66	0.22
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1806.90	2073.77	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	9.35	3.60	5.55	0.40	16.40	0.37	0.33	5.48
Unplanned unavailable hours	0	0	16.75	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1816.10	2058.37	2160.00	2183.00	2208.00	2209.00
Train 3								
Planned unavailable hours	1.14	0.92	5.48	12.83	6.65	3.08	14.54	2.51
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1806.90	2058.37	2160.00	2183.00	2208.00	2209.00
Train 4								
Planned unavailable hours	7.43	3.06	0.98	10.29	0.60	0.93	7.60	0.63
Unplanned unavailable hours	0	0.02	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0

Required hours	2160.00	2183.00	1806.90	2058.37	2160.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

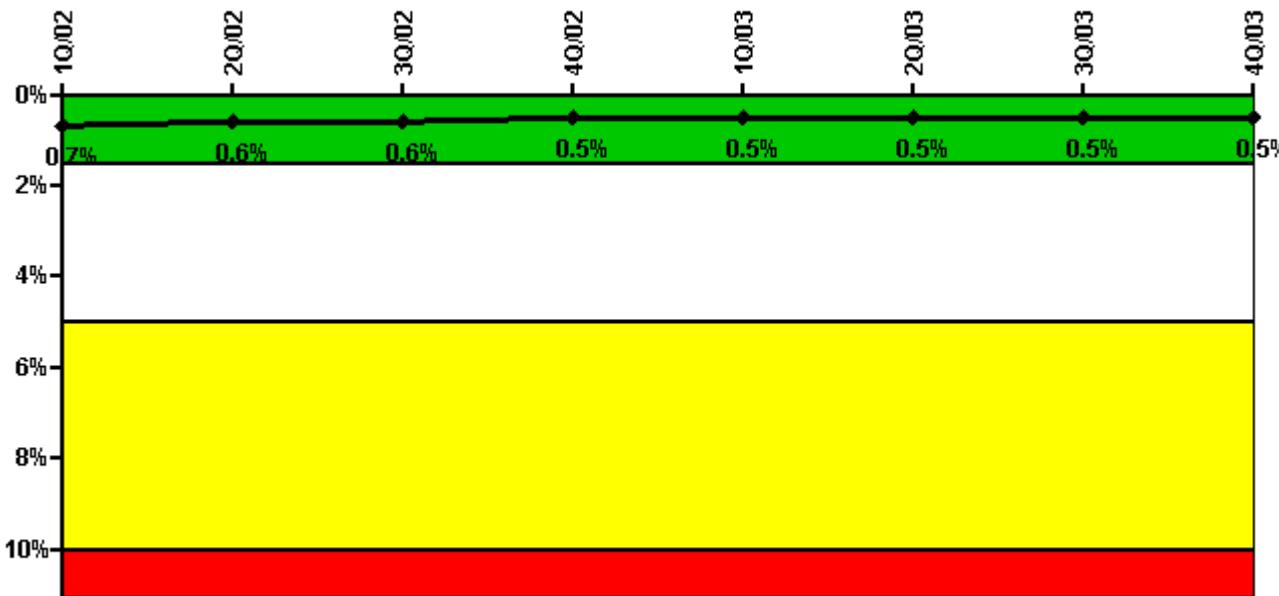
Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	4.20	5.58	17.00	0.73	1.00	1.10	0.85	22.10
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	1.08	12.53	0.90	20.55	0.70	1.12	12.70	0.97
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00
Train 3								

Planned unavailable hours	11.63	14.27	11.32	15.23	2.50	2.33	1.70	22.50
Unplanned unavailable hours	0	0	0	5.57	0	0	3.57	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.4%	0.4%	0.4%	0.4%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

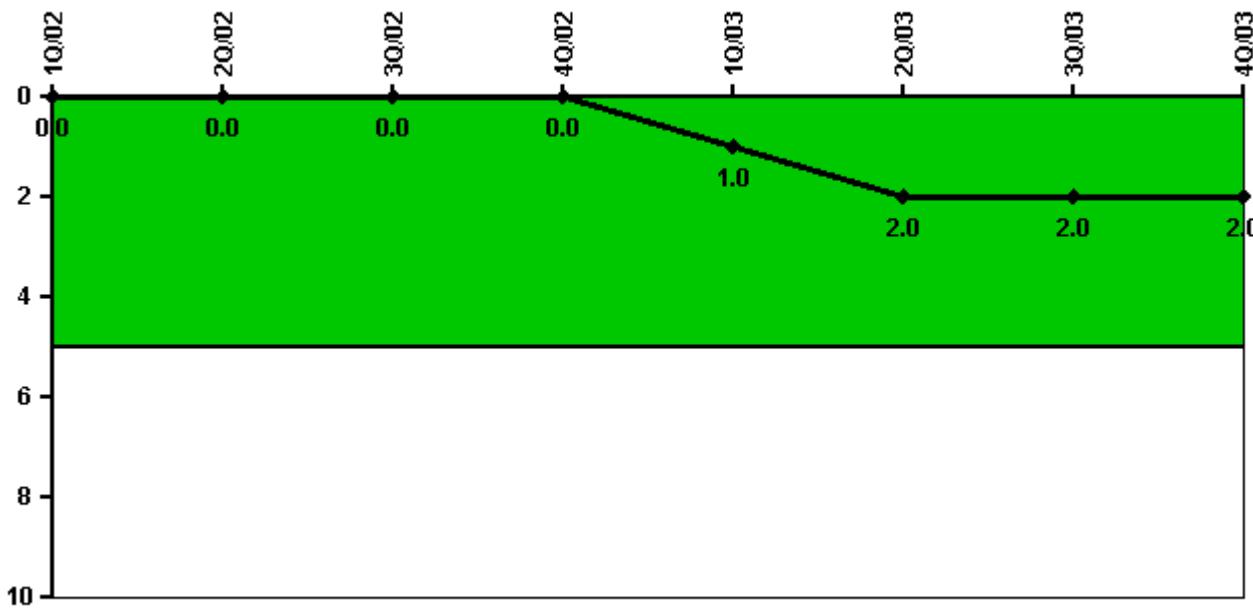
Notes

Safety System Unavailability, Residual Heat Removal System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Train 1								
Planned unavailable hours	8.00	0	14.25	4.69	20.56	0	11.90	7.80
Unplanned unavailable hours	0	0.87	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	11.00	18.40	7.05	14.17	8.25	9.60	13.00	12.98
Unplanned unavailable hours	0	0	0	0	0	0	0	0

Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.7%	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



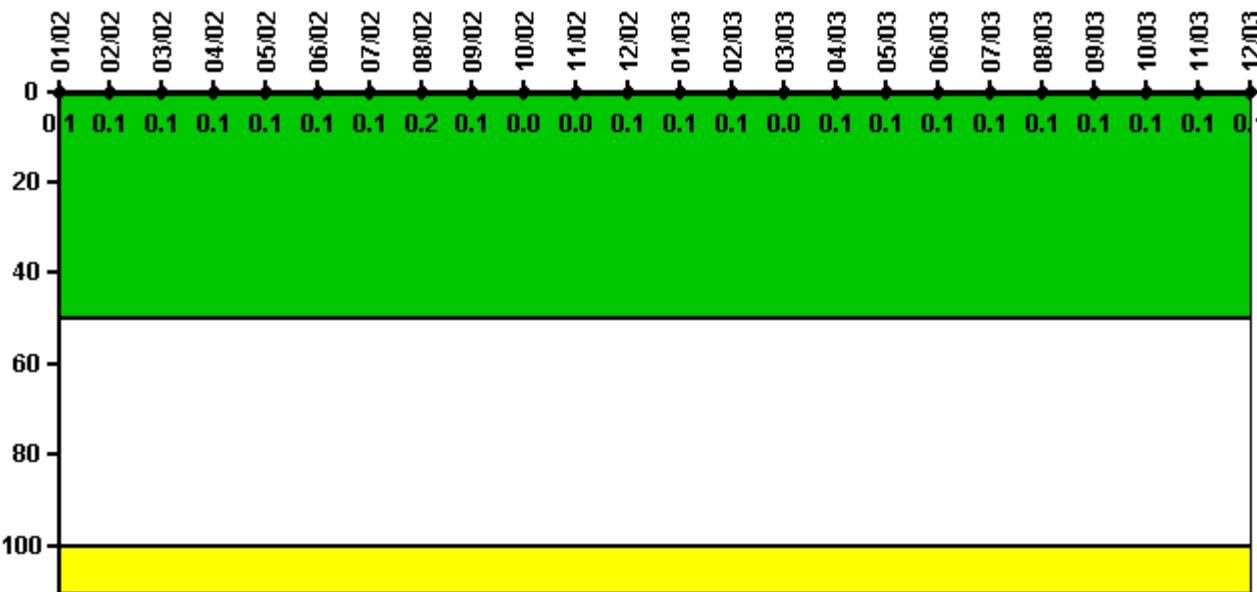
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Safety System Functional Failures	0	0	0	0	1	1	0	0
Indicator value	0	0	0	0	1	2	2	2

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

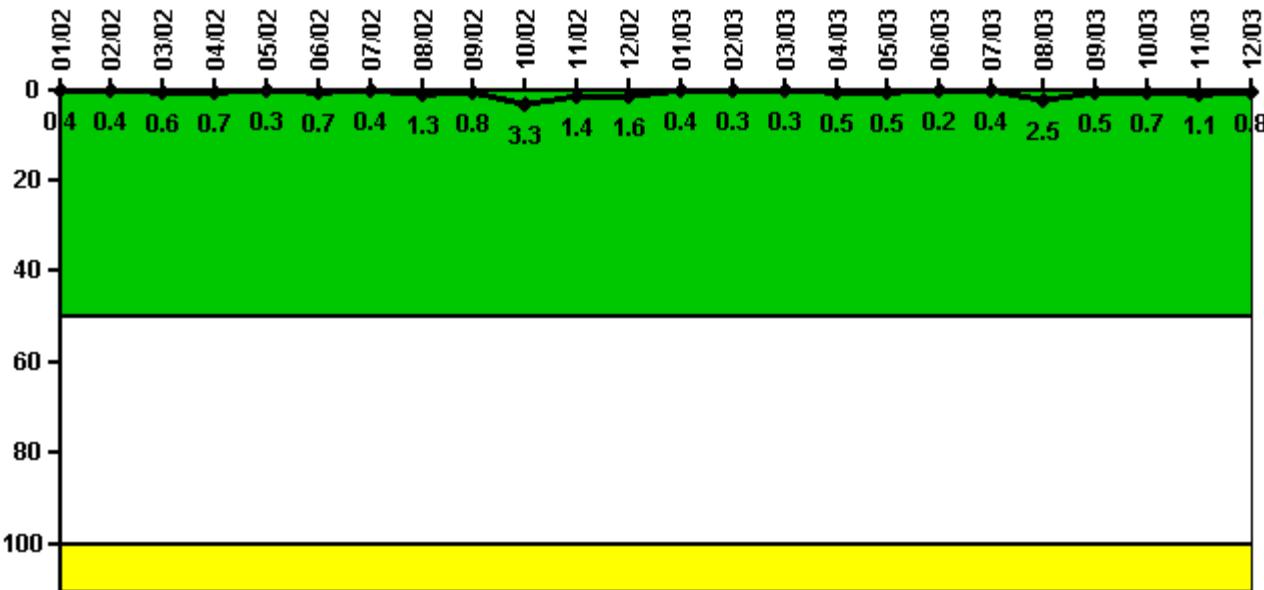
Notes

Reactor Coolant System Activity	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum activity	0.001280	0.000620	0.000660	0.001296	0.001028	0.000827	0.000840	0.001550	0.000810	0.000450	0.000470	0.000620
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0	0	0.1

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.000660	0.000590	0.000470	0.000580	0.000890	0.000970	0.001280	0.000830	0.001020	0.001034	0.001338	0.001433
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



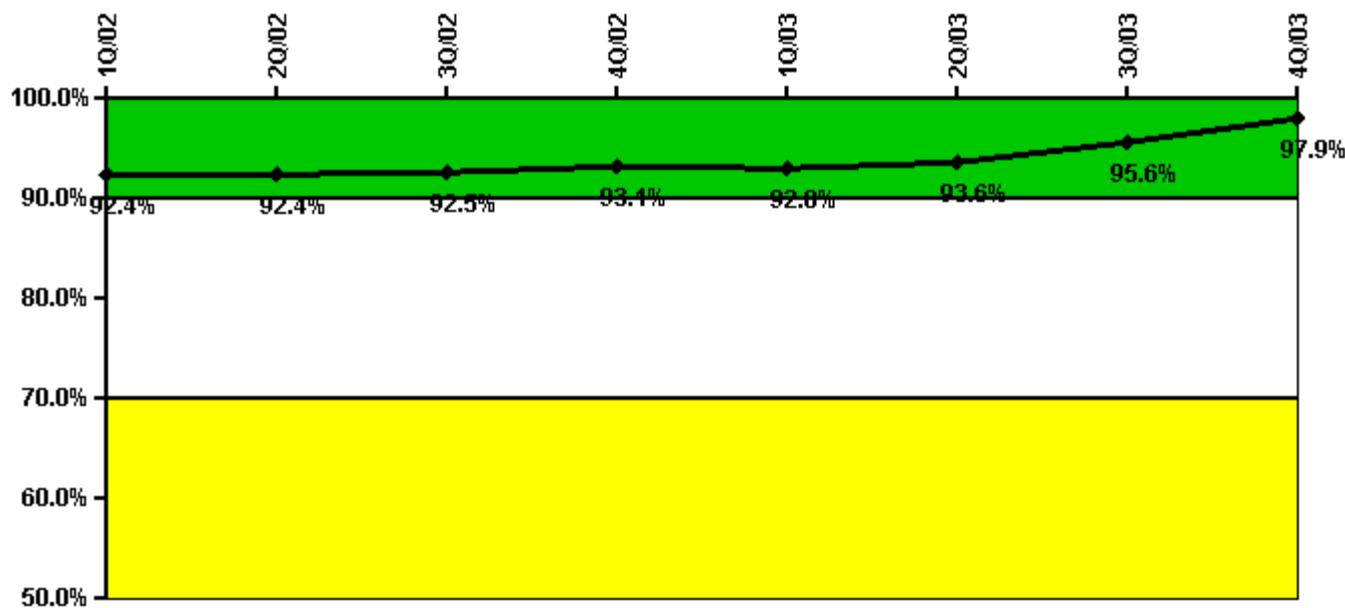
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/02	2/02	3/02	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02
Maximum leakage	0.038	0.035	0.062	0.065	0.029	0.070	0.039	0.125	0.079	0.330	0.141	0.159
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.4	0.6	0.7	0.3	0.7	0.4	1.3	0.8	3.3	1.4	1.6
Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.042	0.026	0.033	0.054	0.047	0.018	0.040	0.247	0.053	0.068	0.111	0.084
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.3	0.5	0.5	0.2	0.4	2.5	0.5	0.7	1.1	0.8

Licensee Comments: none

Drill/Exercise Performance

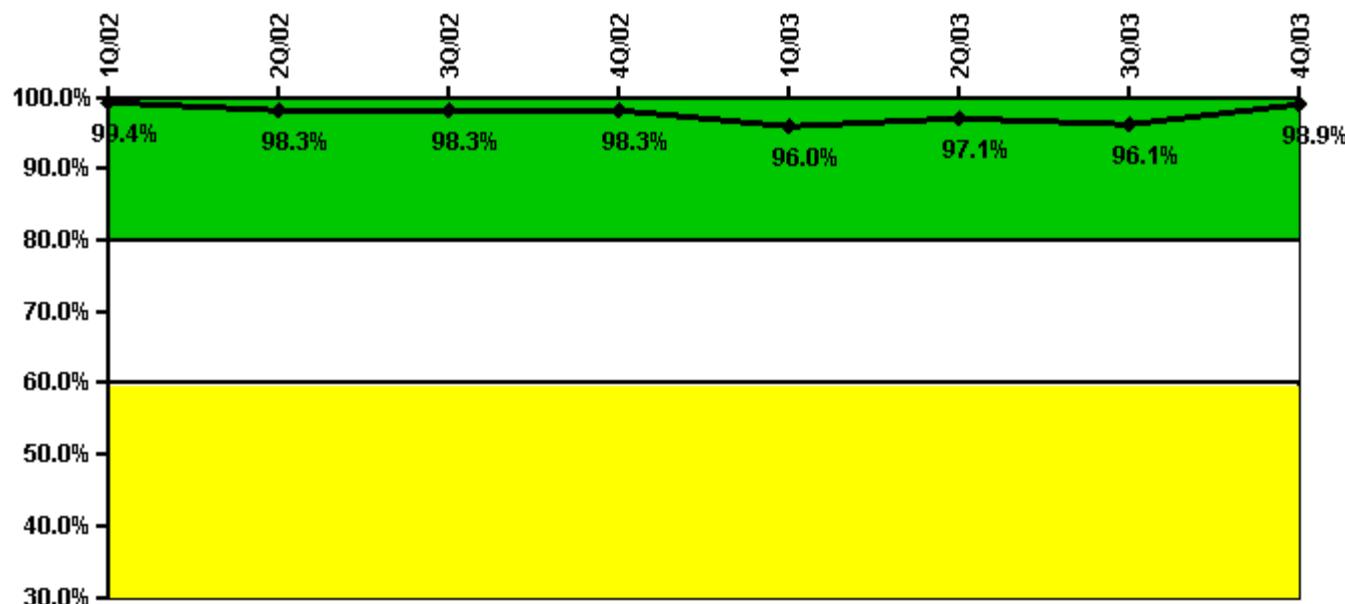


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful opportunities	7.0	12.0	2.0	14.0	13.0	26.0	10.0	58.0
Total opportunities	8.0	12.0	2.0	14.0	14.0	26.0	10.0	59.0
Indicator value	92.4%	92.4%	92.5%	93.1%	92.8%	93.6%	95.6%	97.9%

Licensee Comments: none

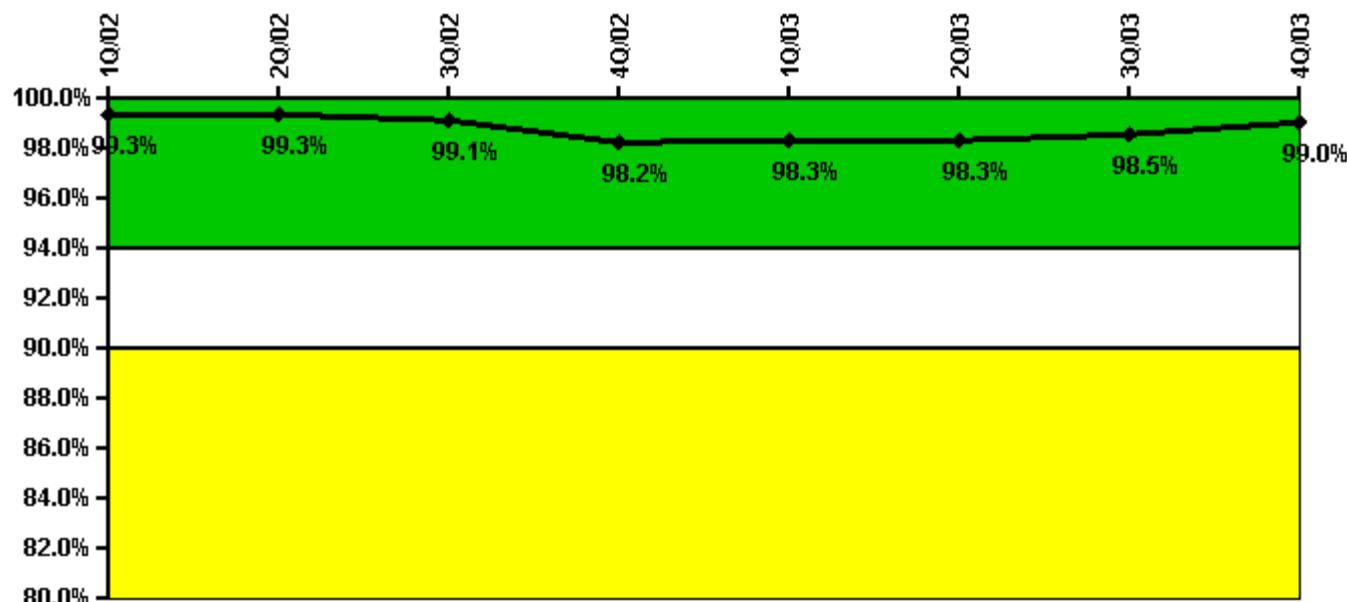
ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Participating Key personnel	171.0	175.0	173.0	172.0	167.0	169.0	171.0	174.0
Total Key personnel	172.0	178.0	176.0	175.0	174.0	174.0	178.0	176.0
Indicator value	99.4%	98.3%	98.3%	98.3%	96.0%	97.1%	96.1%	98.9%

Licensee Comments: none

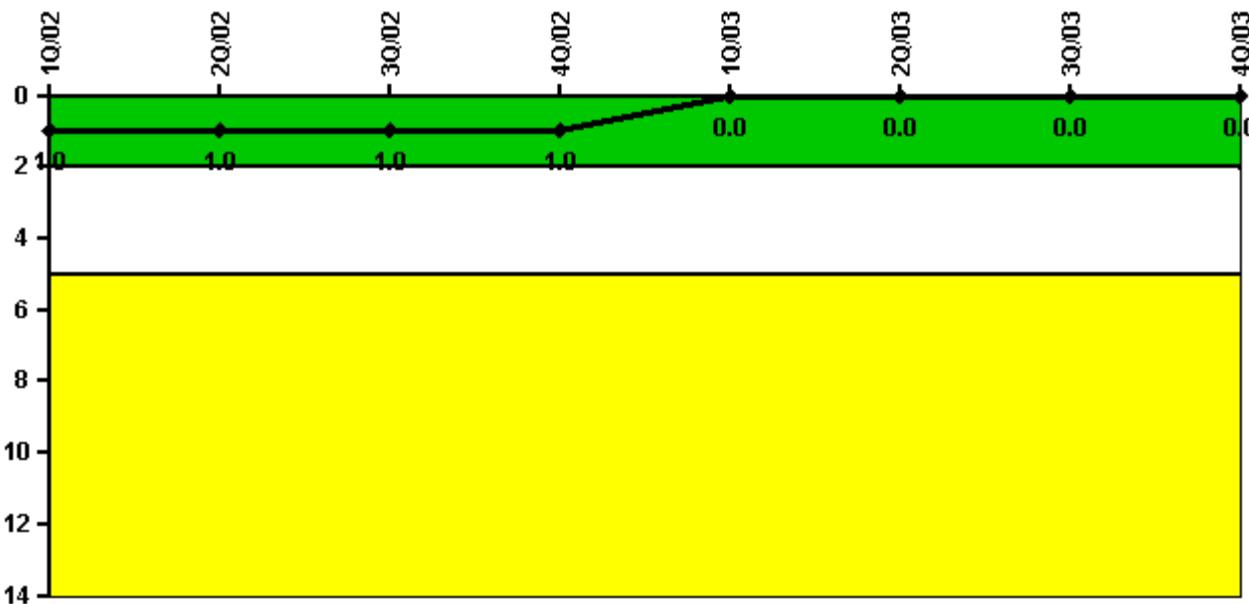
Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Successful siren-tests	1730	1726	1729	1744	1720	1796	1845	1727
Total sirens-tests	1742	1742	1758	1812	1730	1809	1860	1759
Indicator value	99.3%	99.3%	99.1%	98.2%	98.3%	98.3%	98.5%	99.0%

Licensee Comments: none

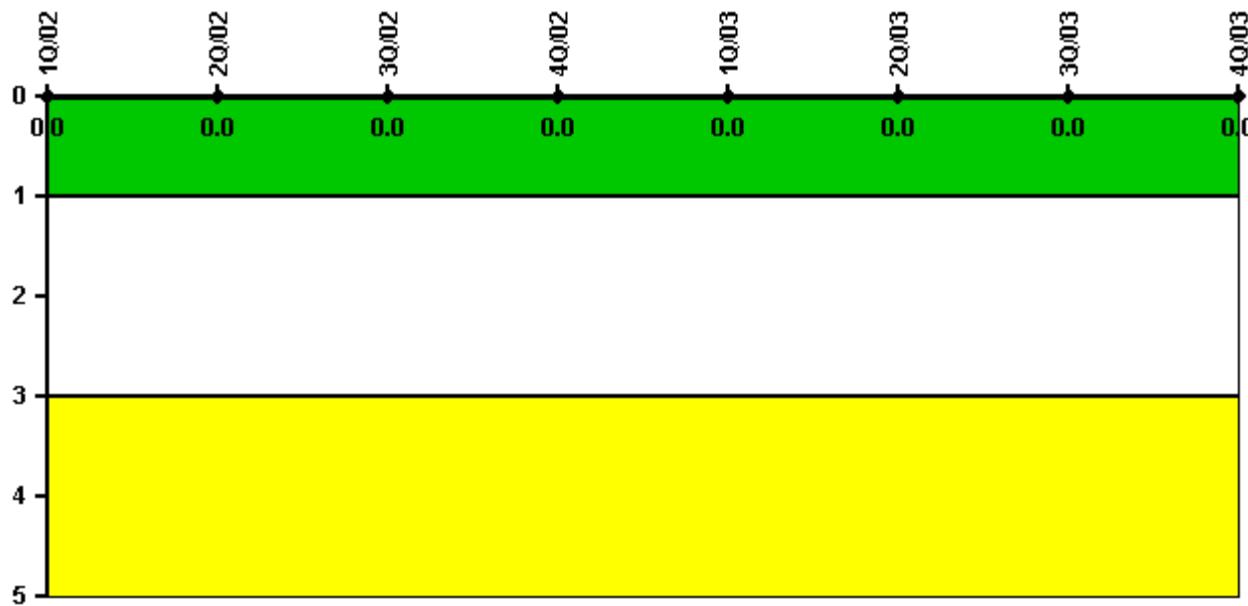
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
High radiation area occurrences	1	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

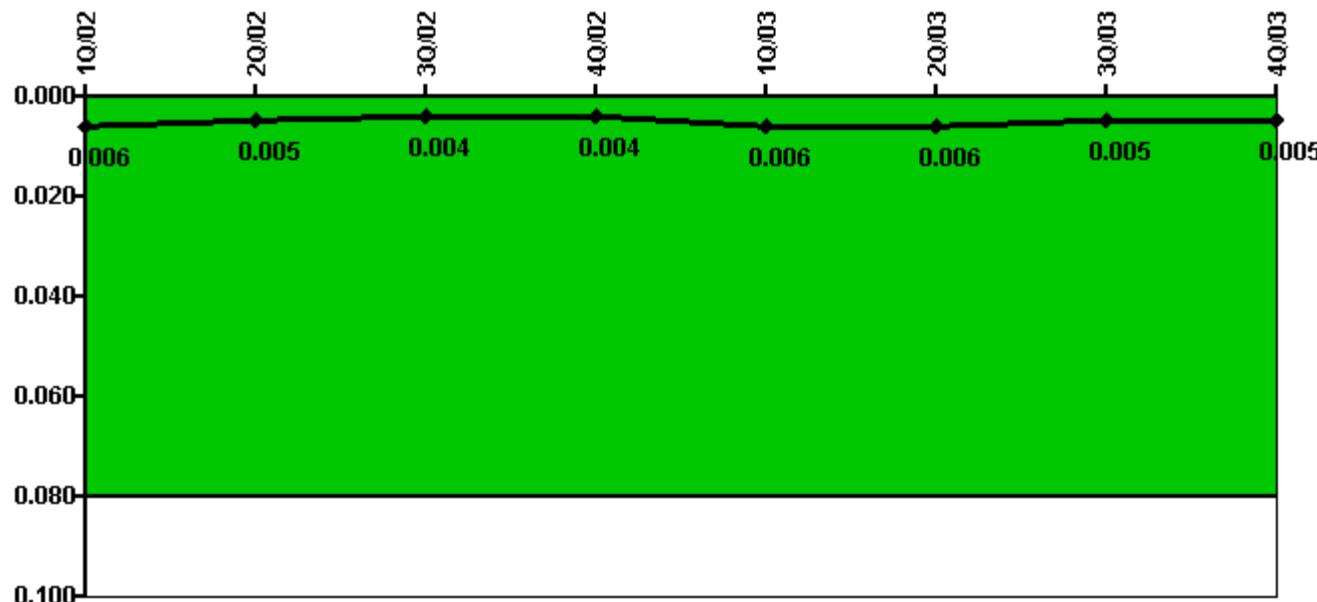
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

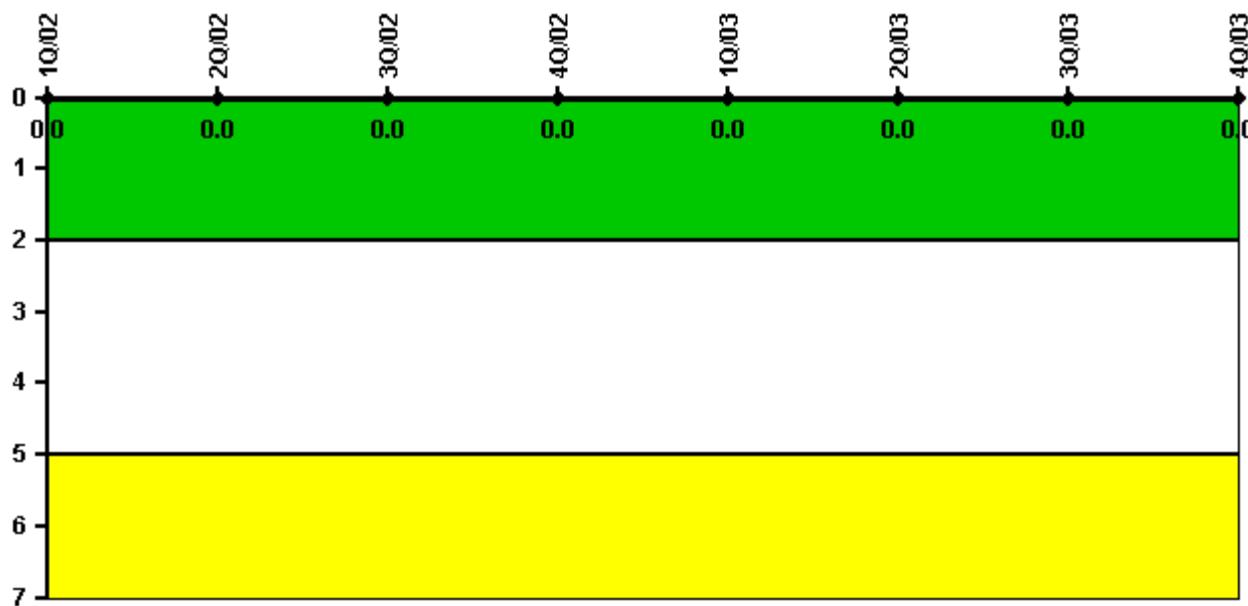


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
IDS compensatory hours	30.30	28.80	67.50	45.60	63.20	23.00	31.30	10.10
CCTV compensatory hours	0	1.7	0	0.1	16.2	4.4	1.9	23.9
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.006	0.005	0.004	0.004	0.006	0.006	0.005	0.005

Licensee Comments: none

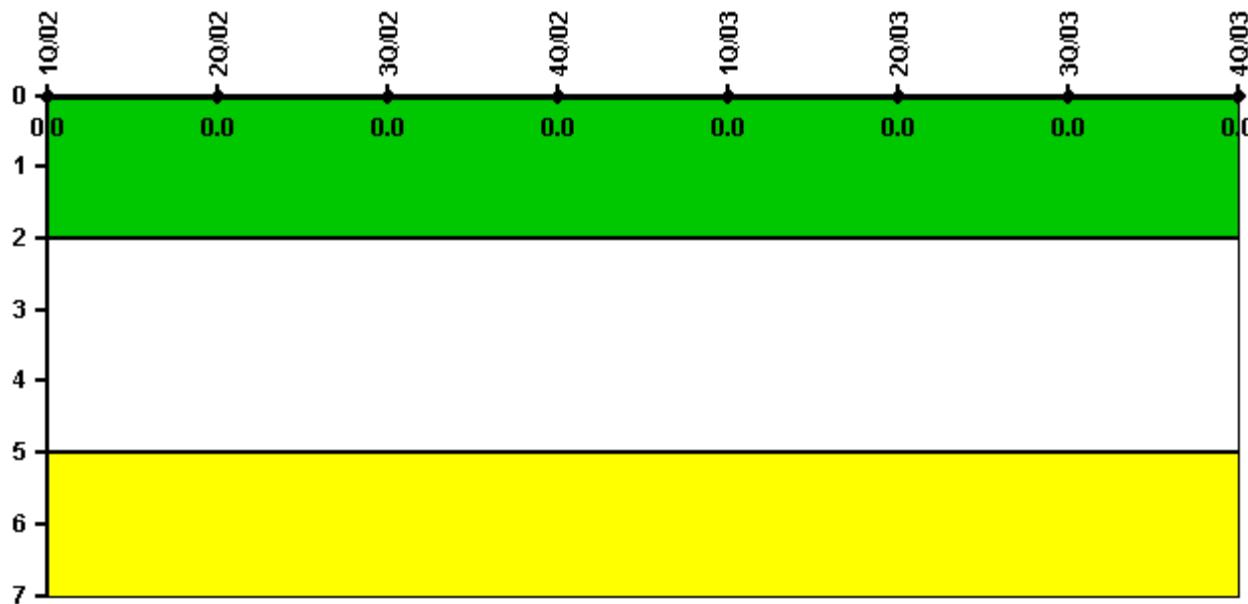
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	1Q/02	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

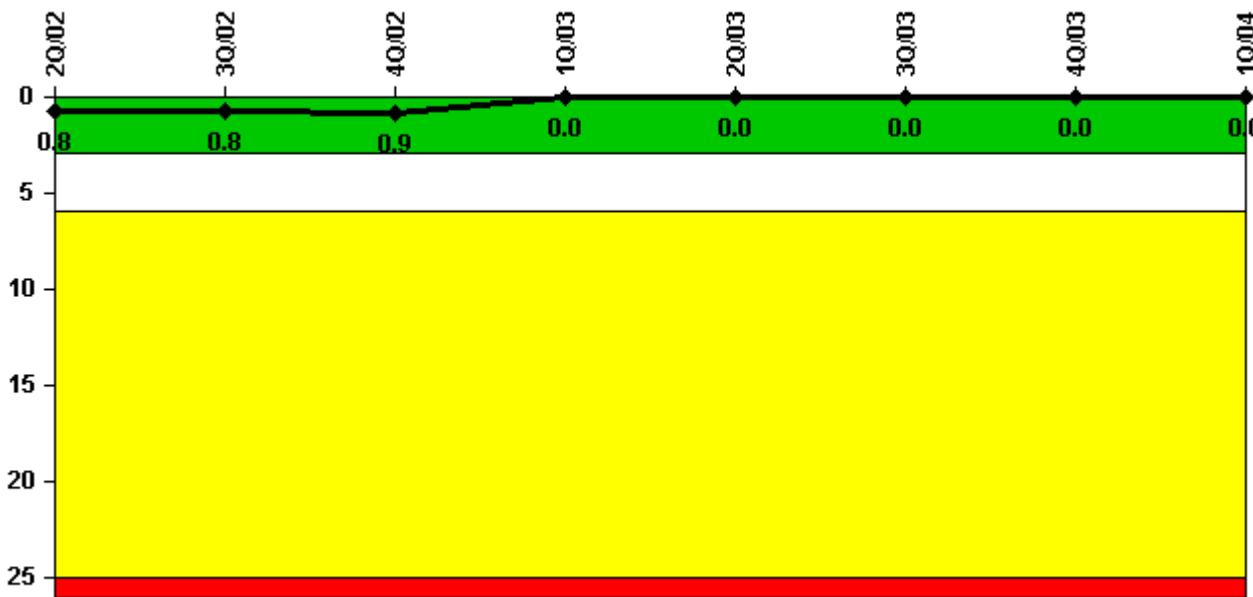


[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 23, 2004

McGuire 1**1Q/2004 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	1798.8	2009.1	2160.0	2183.0	2208.0	2209.0	1565.2
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

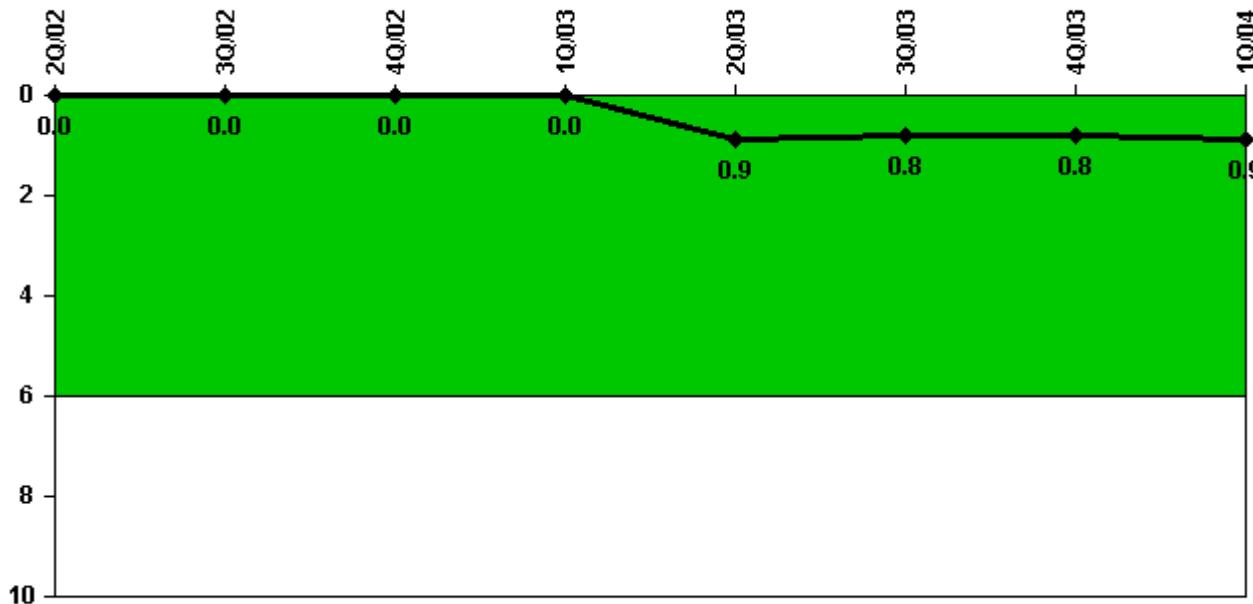
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



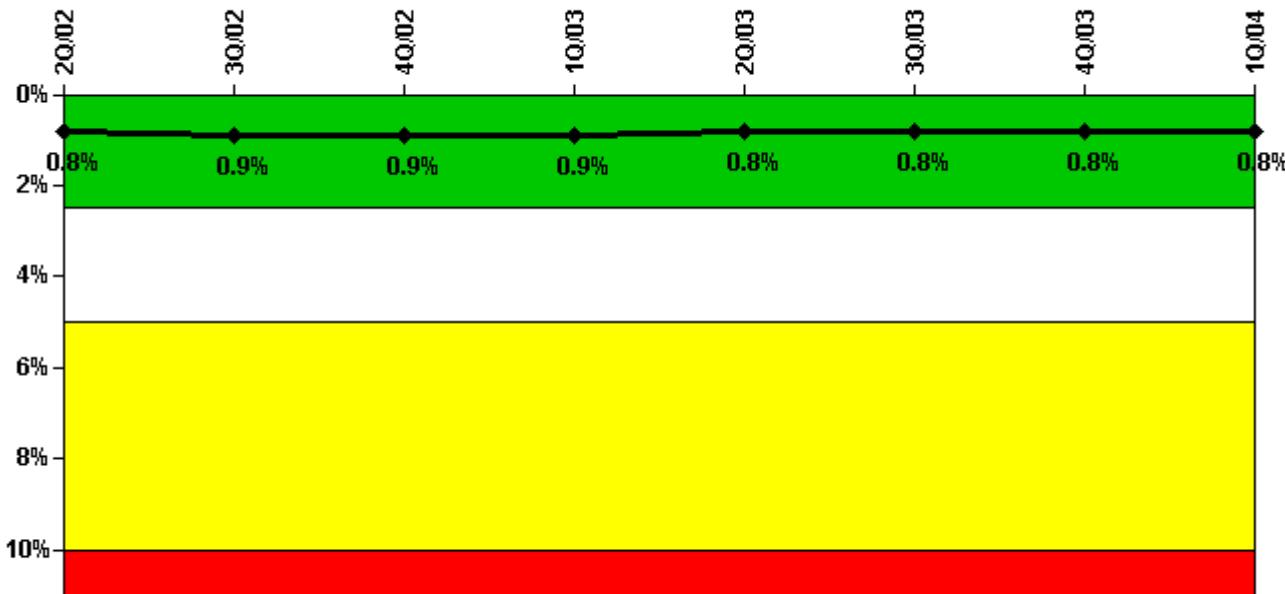
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2183.0	1798.8	2009.1	2160.0	2183.0	2208.0	2209.0	1565.2
Indicator value	0	0	0	0	0.9	0.8	0.8	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



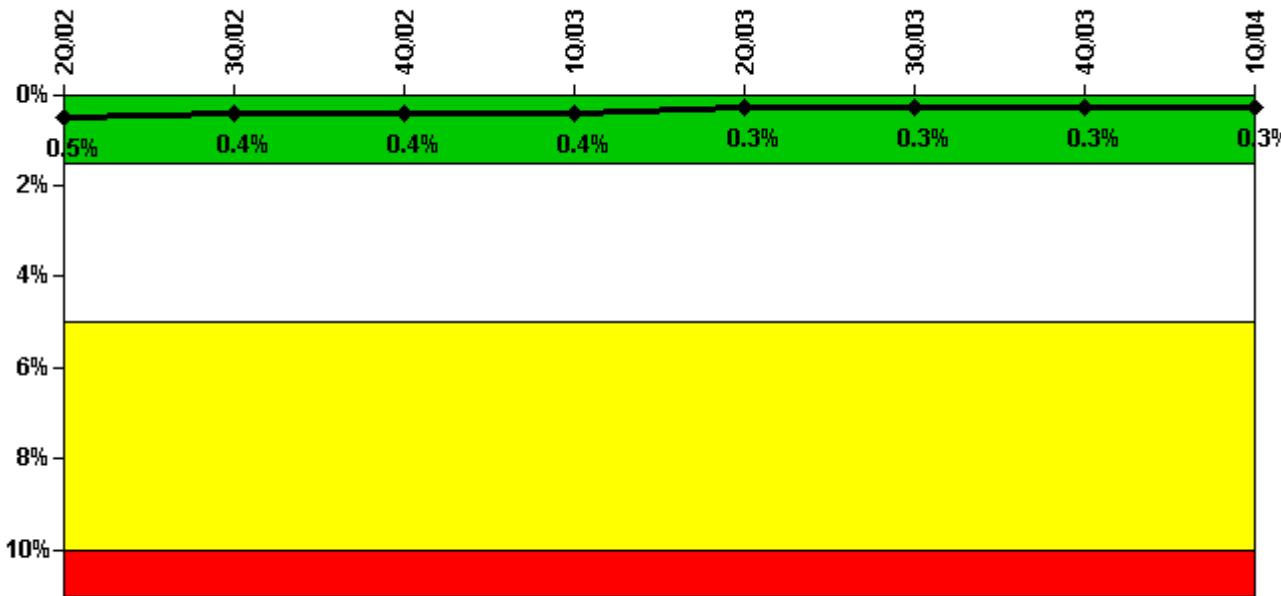
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	2.14	53.91	4.37	16.98	18.60	19.05	11.52	13.55
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	19.38	21.28	15.79	8.70	18.25	14.86	20.82	15.53
Unplanned unavailable hours	42.50	1.20	7.05	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	0.8%	0.9%	0.9%	0.9%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



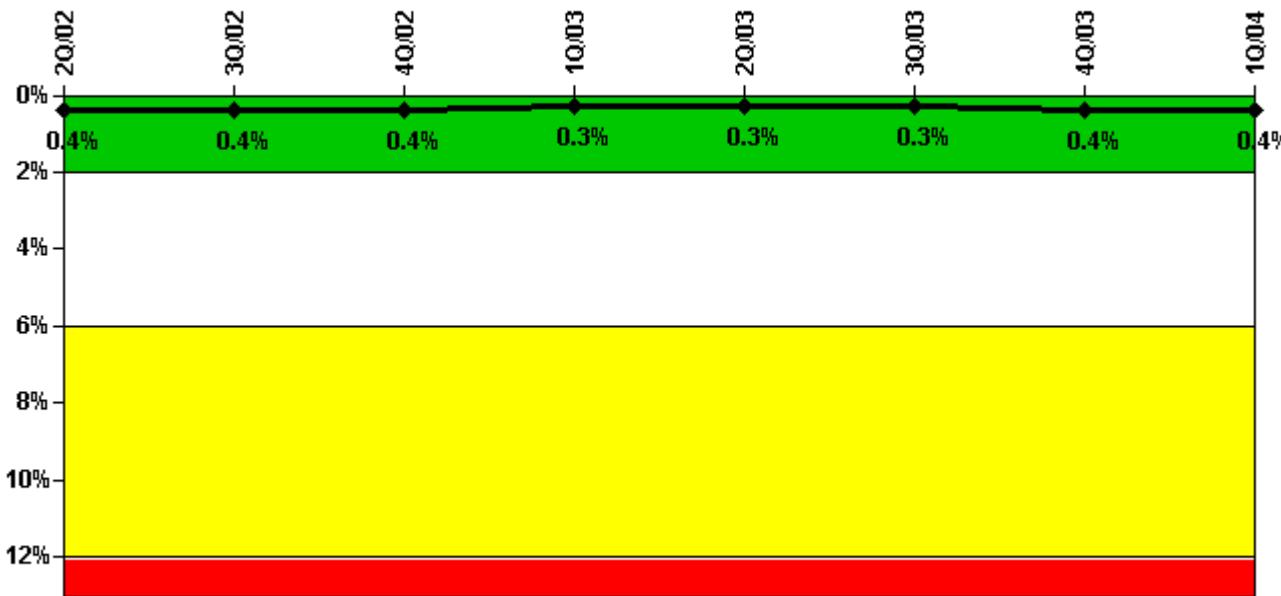
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)		2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1									
Planned unavailable hours		0.25	13.05	6.16	0.48	0.33	0.66	0.22	8.18
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2183.00	1806.90	2073.77	2160.00	2183.00	2208.00	2209.00	1570.25
Train 2									
Planned unavailable hours		3.60	5.55	0.40	16.40	0.37	0.33	5.48	0.30
Unplanned unavailable hours		0	16.75	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2183.00	1816.10	2058.37	2160.00	2183.00	2208.00	2209.00	1575.62
Train 3									
Planned unavailable hours		0.92	5.48	12.83	6.65	3.08	14.54	2.51	1.32
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2183.00	1806.90	2058.37	2160.00	2183.00	2208.00	2209.00	1570.25
Train 4									
Planned unavailable hours		3.06	0.98	10.29	0.60	0.93	7.60	0.63	30.88
Unplanned unavailable hours		0.02	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2183.00	1806.90	2058.37	2160.00	2183.00	2208.00	2209.00	1570.25
Indicator value		0.5%	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



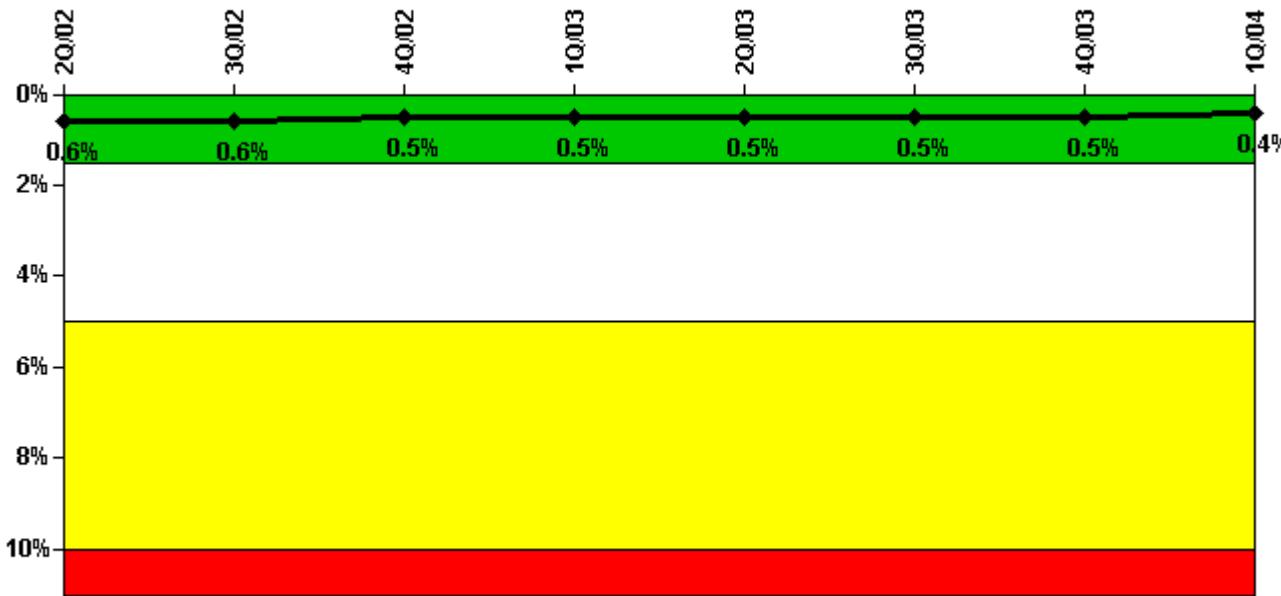
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)								
	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	5.58	17.00	0.73	1.00	1.10	0.85	22.10	15.85
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30
Train 2								
Planned unavailable hours	12.53	0.90	20.55	0.70	1.12	12.70	0.97	13.60
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30
Train 3								
Planned unavailable hours	14.27	11.32	15.23	2.50	2.33	1.70	22.50	1.38
Unplanned unavailable hours	0	0	5.57	0	0	3.57	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30
Indicator value	0.4%	0.4%	0.4%	0.3%	0.3%	0.3%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

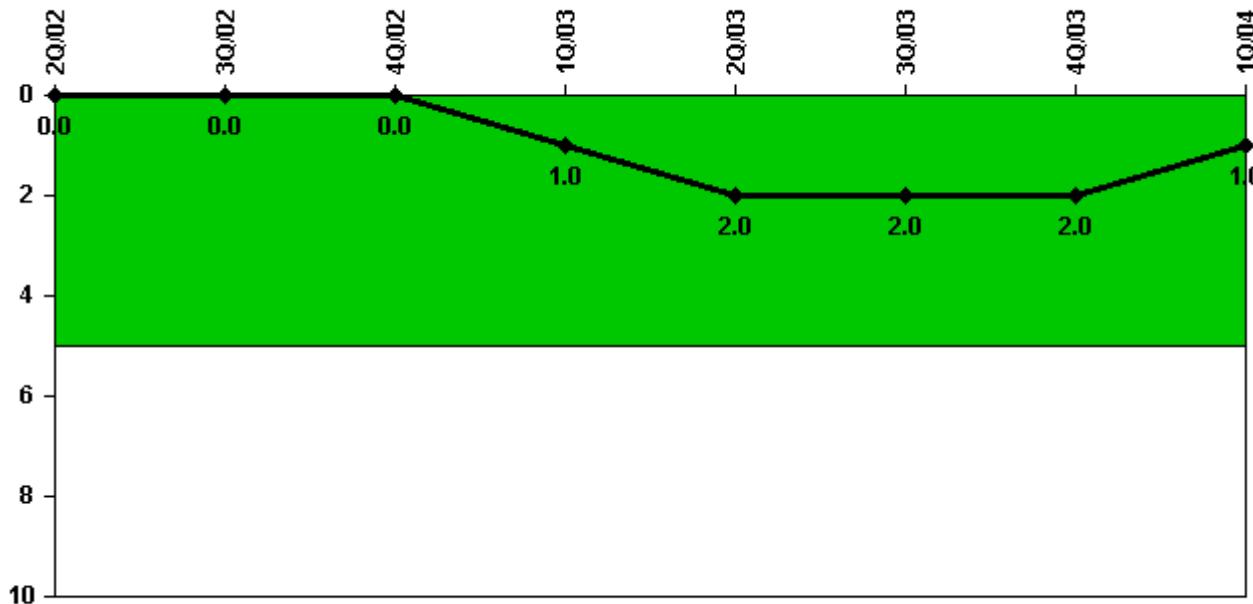


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Train 1								
Planned unavailable hours	0	14.25	4.69	20.56	0	11.90	7.80	0
Unplanned unavailable hours	0.87	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Train 2								
Planned unavailable hours	18.40	7.05	14.17	8.25	9.60	13.00	12.98	11.42
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.5%	0.5%	0.5%	0.4%

Licensee Comments: none

Safety System Functional Failures (PWR)

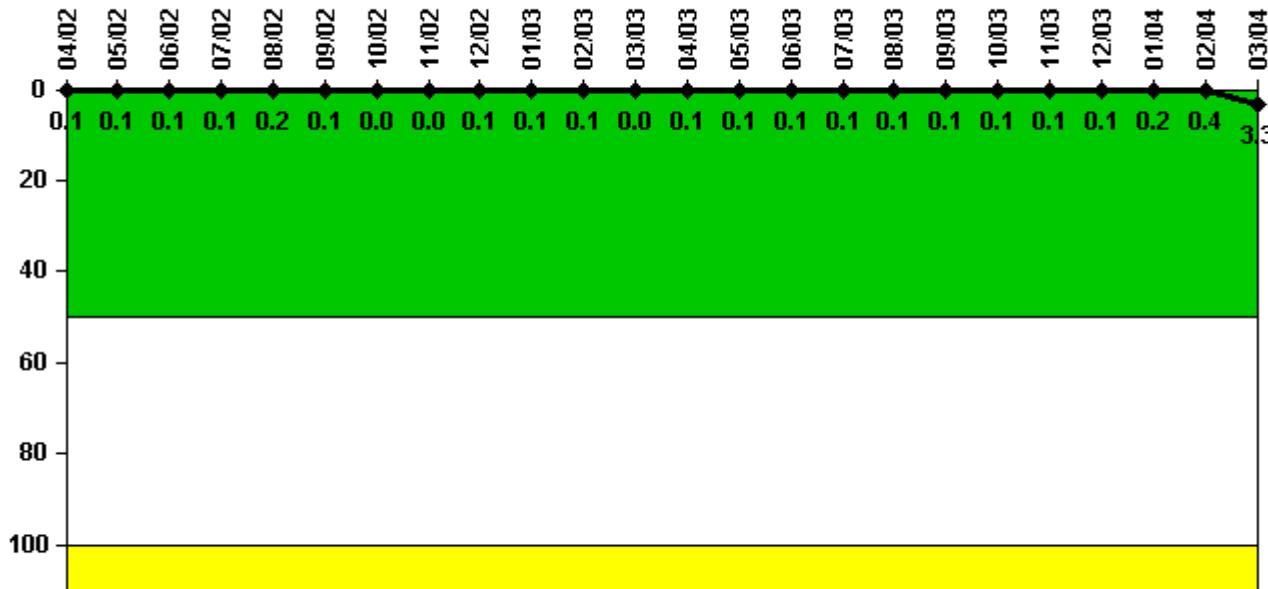
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Safety System Functional Failures	0	0	0	1	1	0	0	0
Indicator value	0	0	0	1	2	2	2	1

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

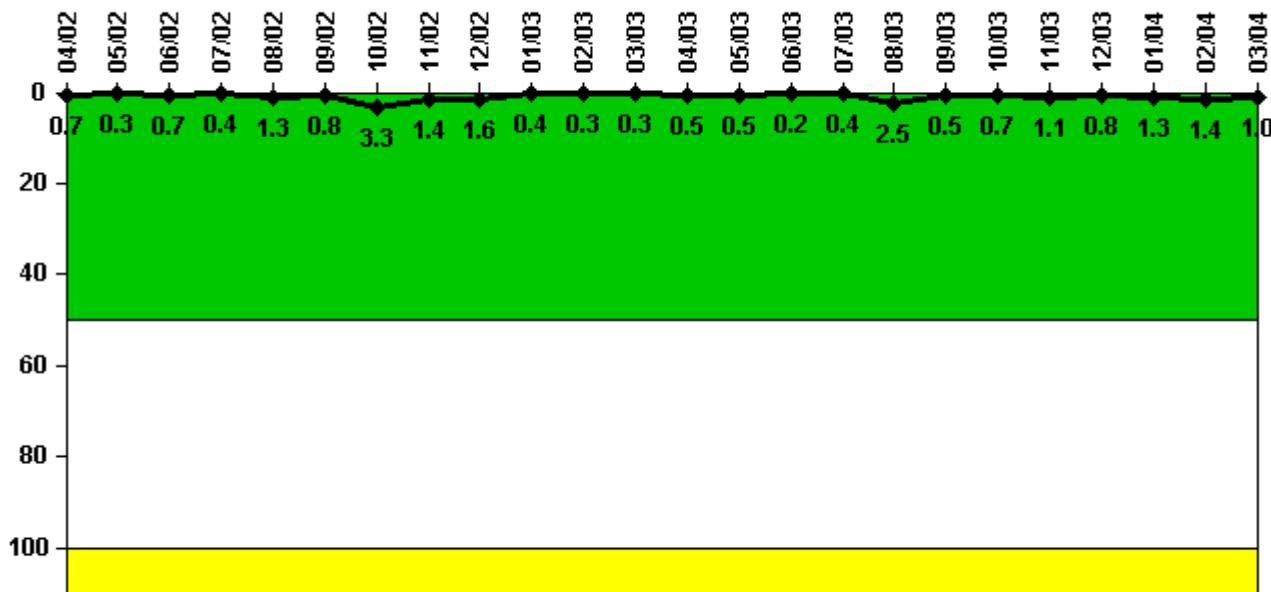
Notes

Reactor Coolant System Activity	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum activity	0.001296	0.001028	0.000827	0.000840	0.001550	0.000810	0.000450	0.000470	0.000620	0.000660	0.000590	0.000470
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.2	0.1	0	0	0.1	0.1	0.1	0

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000580	0.000890	0.000970	0.001280	0.000830	0.001020	0.001034	0.001338	0.001433	0.001563	0.003975	0.032820
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.4	3.3								

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

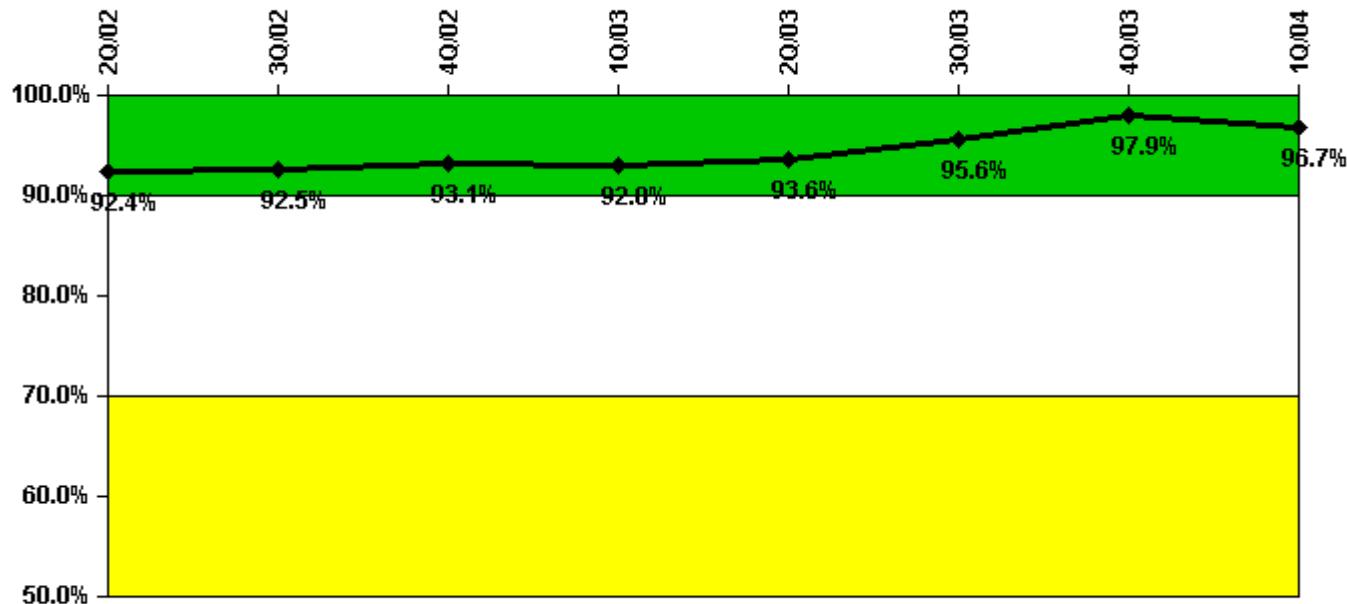
Notes

Reactor Coolant System Leakage	4/02	5/02	6/02	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03
Maximum leakage	0.065	0.029	0.070	0.039	0.125	0.079	0.330	0.141	0.159	0.042	0.026	0.033
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.3	0.7	0.4	1.3	0.8	3.3	1.4	1.6	0.4	0.3	0.3

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.054	0.047	0.018	0.040	0.247	0.053	0.068	0.111	0.084	0.125	0.143	0.095
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.2	0.4	2.5	0.5	0.7	1.1	0.8	1.3	1.4	1.0

Licensee Comments: none

Drill/Exercise Performance

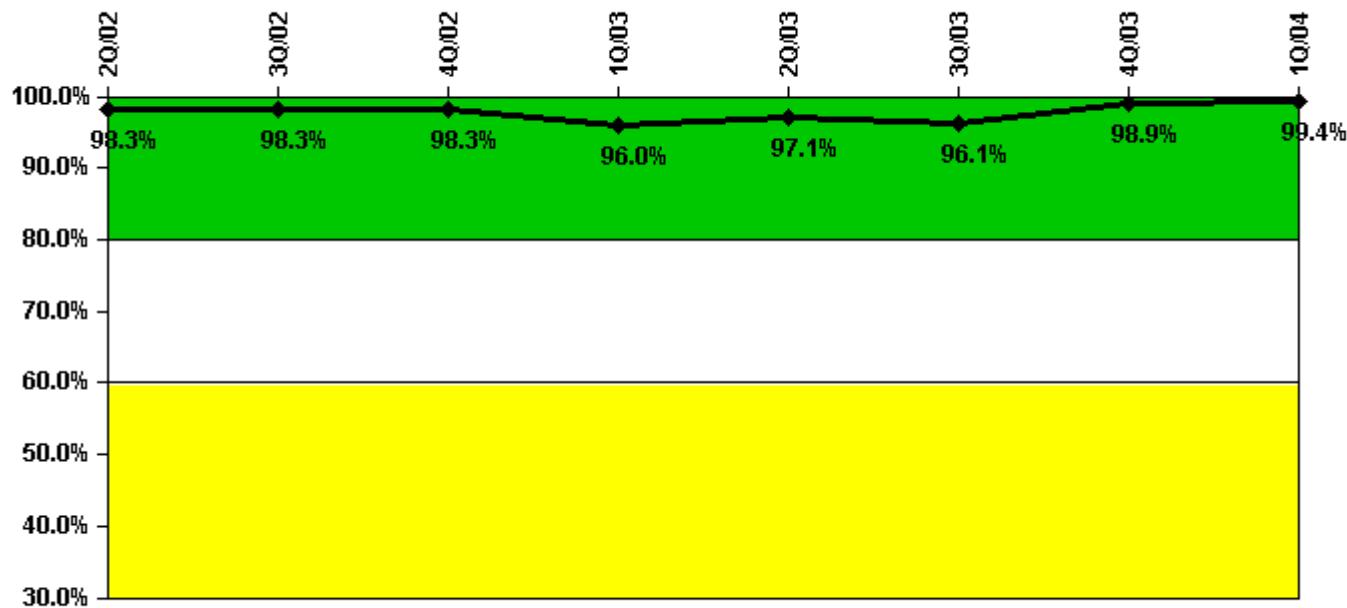


Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful opportunities	12.0	2.0	14.0	13.0	26.0	10.0	58.0	13.0
Total opportunities	12.0	2.0	14.0	14.0	26.0	10.0	59.0	16.0
Indicator value	92.4%	92.5%	93.1%	92.8%	93.6%	95.6%	97.9%	96.7%

Licensee Comments: none

ERO Drill Participation

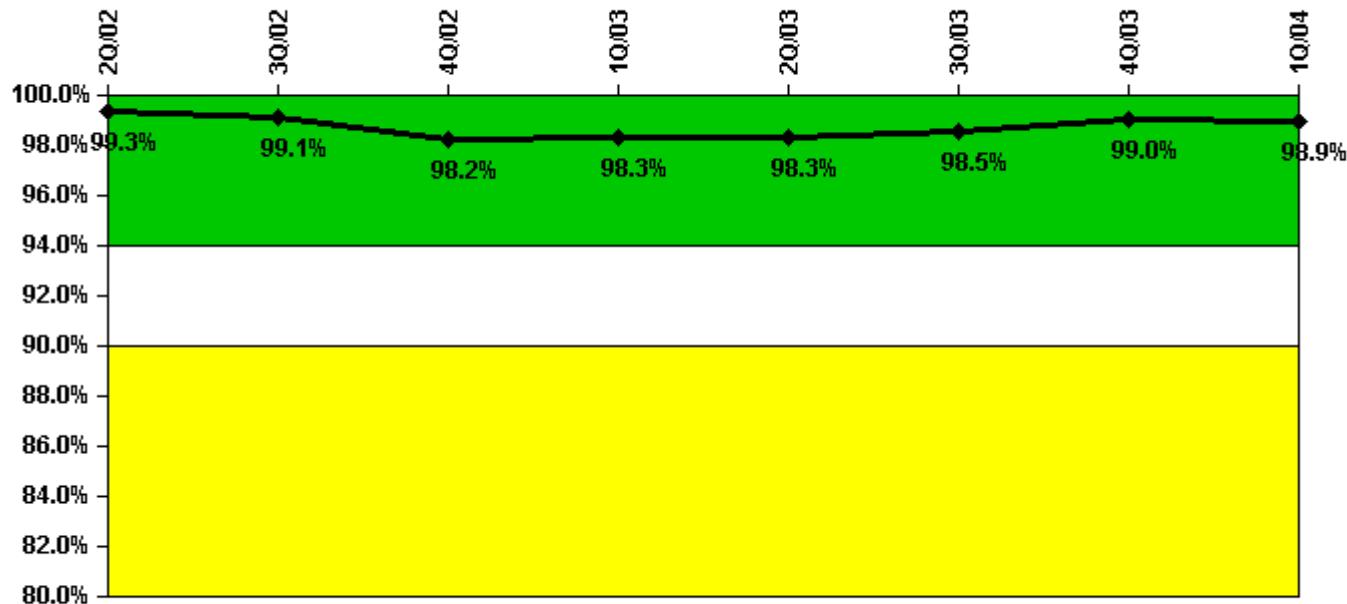
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Participating Key personnel	175.0	173.0	172.0	167.0	169.0	171.0	174.0	173.0
Total Key personnel	178.0	176.0	175.0	174.0	174.0	178.0	176.0	174.0
Indicator value	98.3%	98.3%	98.3%	96.0%	97.1%	96.1%	98.9%	99.4%

Licensee Comments: none

Alert & Notification System



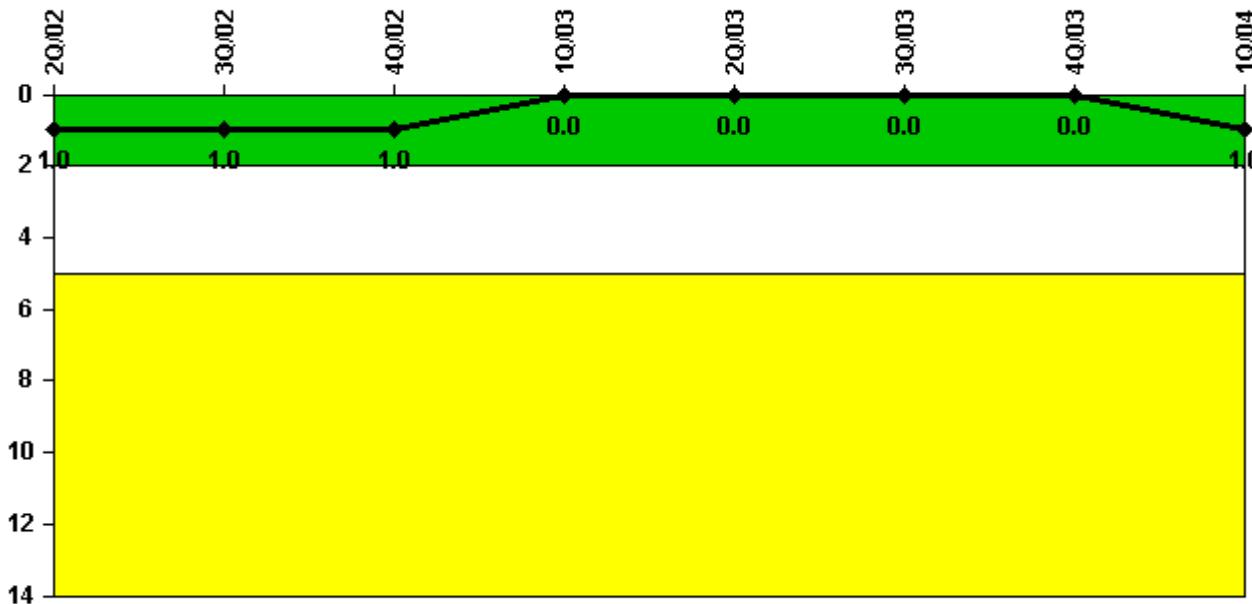
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Successful siren-tests	1726	1729	1744	1720	1796	1845	1727	1788
Total sirens-tests	1742	1758	1812	1730	1809	1860	1759	1809
Indicator value	99.3%	99.1%	98.2%	98.3%	98.3%	98.5%	99.0%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

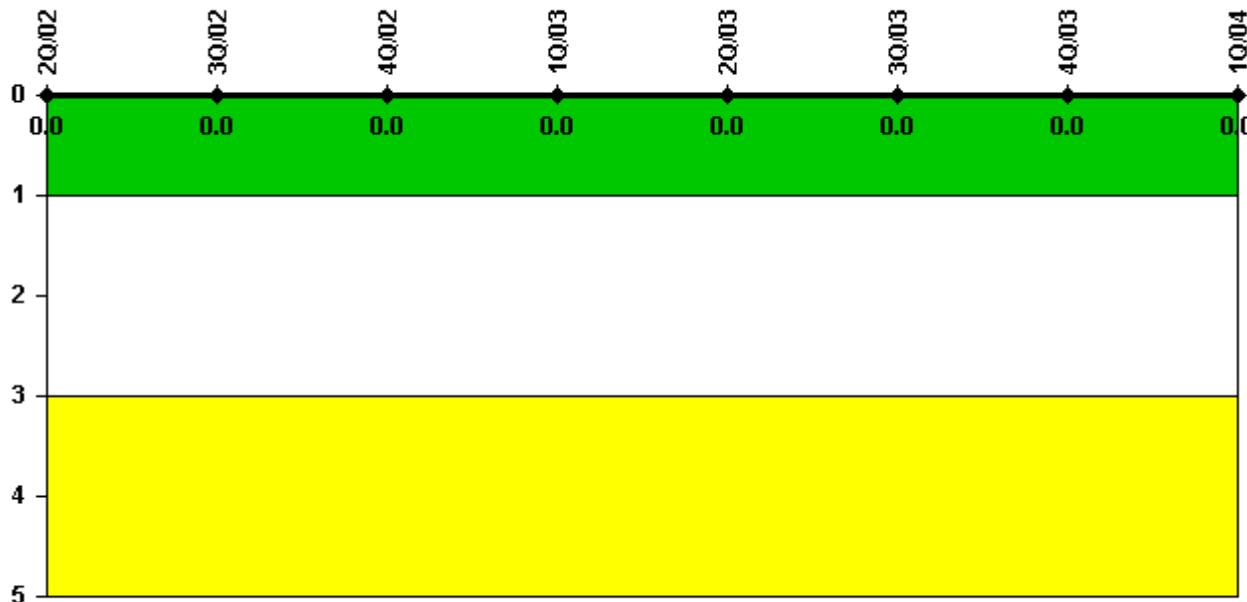


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
High radiation area occurrences	0	0	0	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

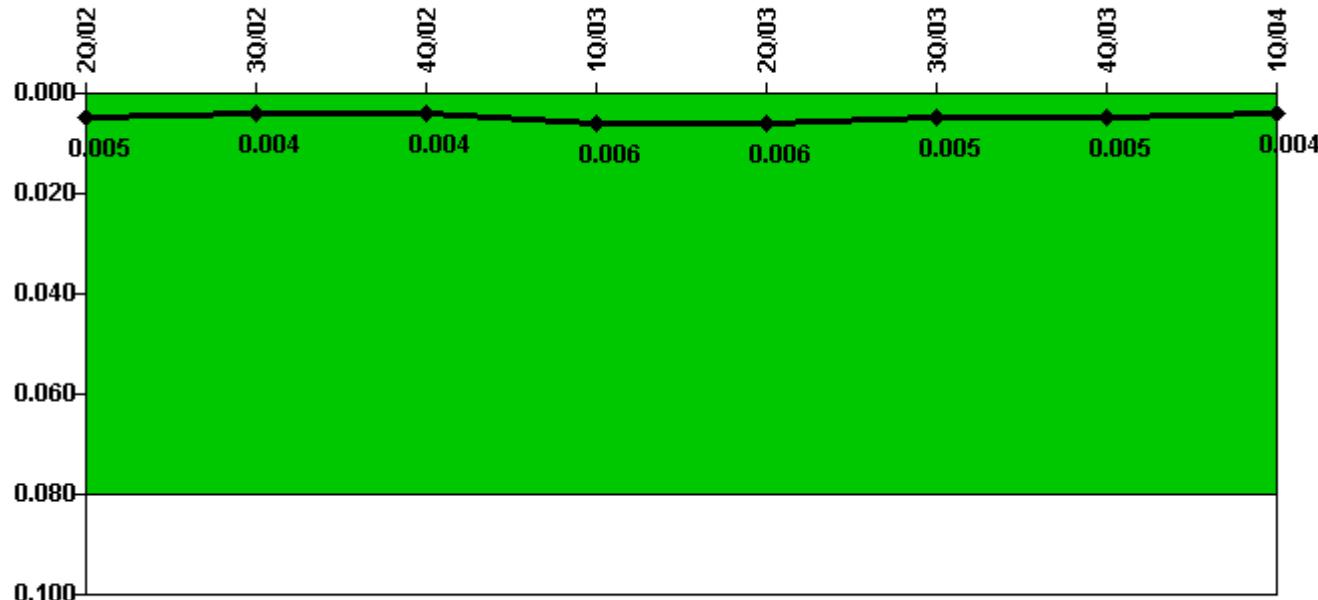
Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Protected Area Security Performance Index

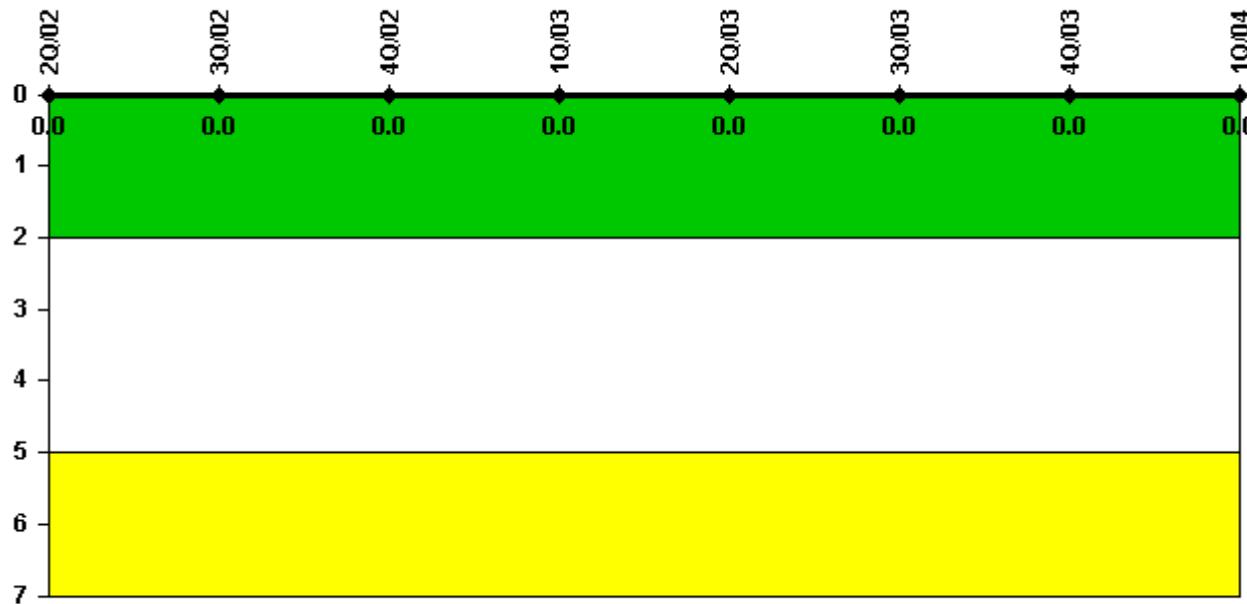


Thresholds: White > 0.080

Notes

Protected Area Security Performance Index	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
IDS compensatory hours	28.80	67.50	45.60	63.20	23.00	31.30	10.10	10.10
CCTV compensatory hours	1.7	0	0.1	16.2	4.4	1.9	23.9	17.7
IDS normalization factor	2.60	2.60	2.60	2.60	2.60	2.60	2.60	2.60
CCTV normalization factor	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Index Value	0.005	0.004	0.004	0.006	0.006	0.005	0.005	0.004

Licensee Comments: none

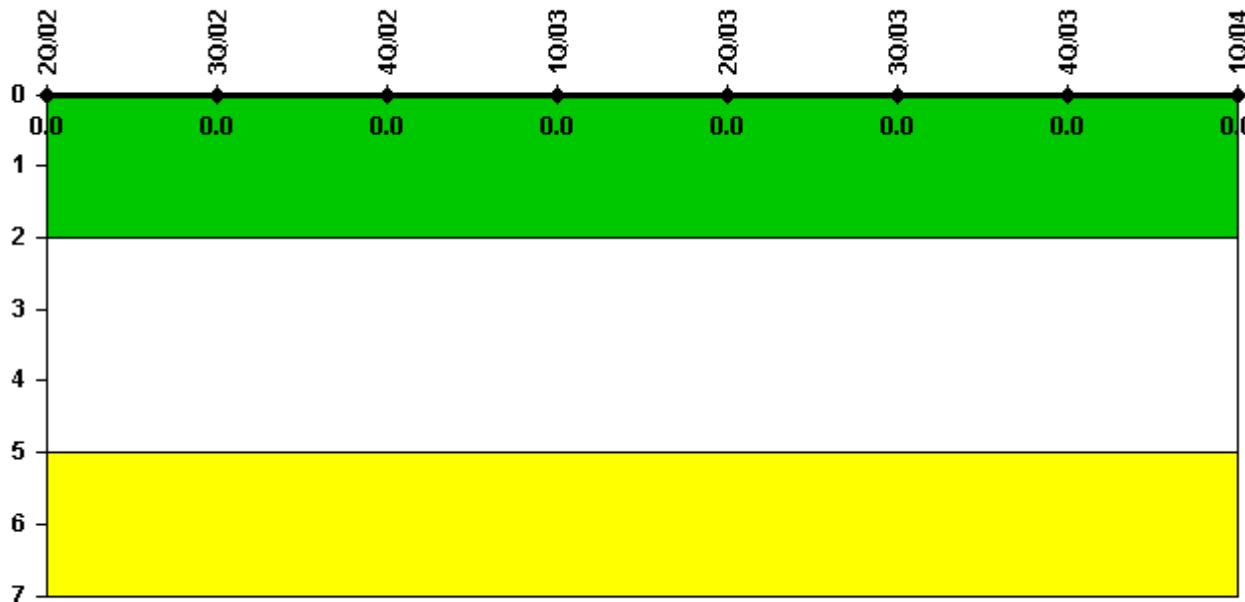
Personnel Screening Program

Thresholds: White > 2.0 Yellow > 5.0

Notes

Personnel Screening Program	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

FFD/Personnel Reliability

Thresholds: White > 2.0 Yellow > 5.0

Notes

FFD/Personnel Reliability	2Q/02	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04
Program Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none



[PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 22, 2004

McGuire 1**2Q/2004 Performance Indicators**

Licensee's General Comments: none

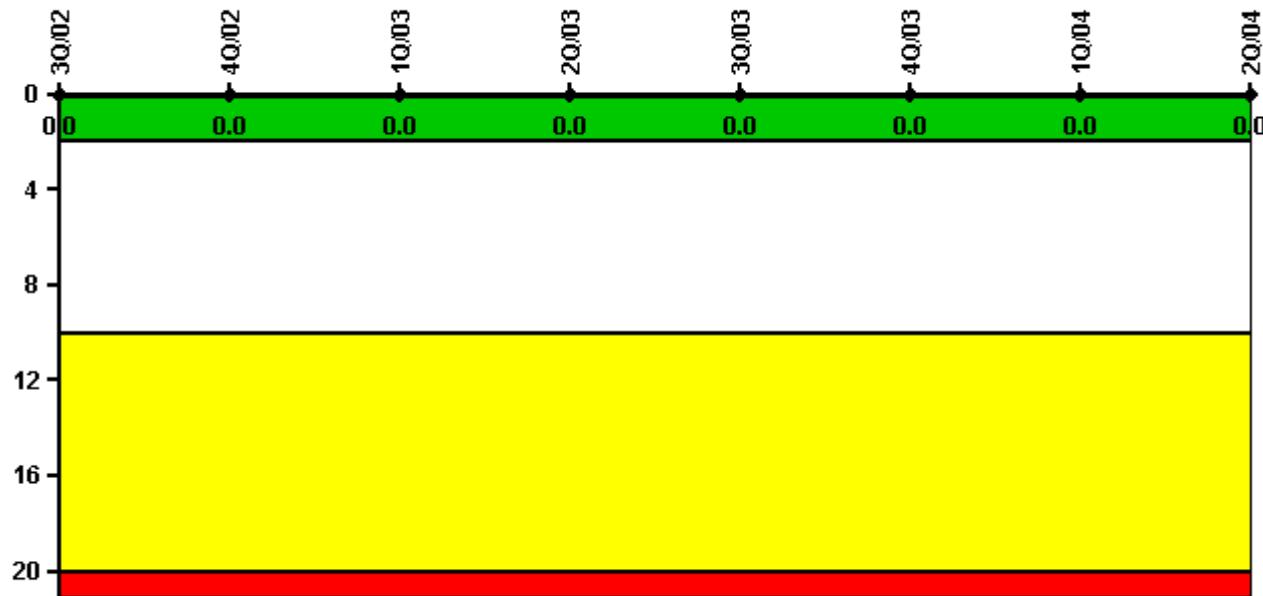
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1798.8	2009.1	2160.0	2183.0	2208.0	2209.0	1565.2	1932.9
Indicator value	0.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

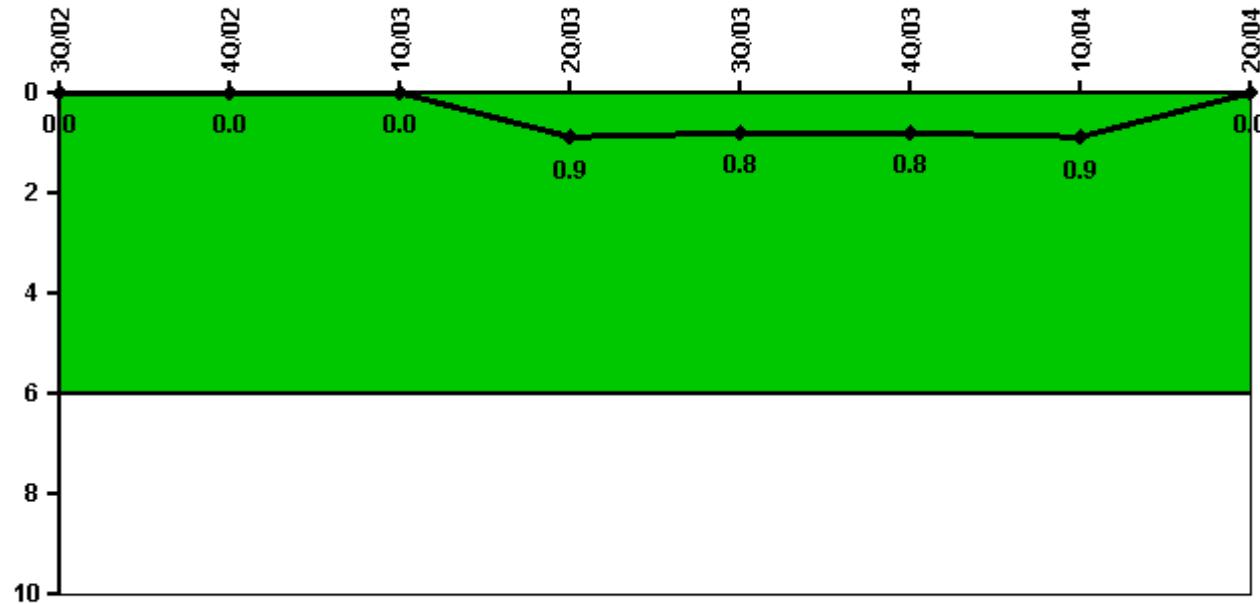
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



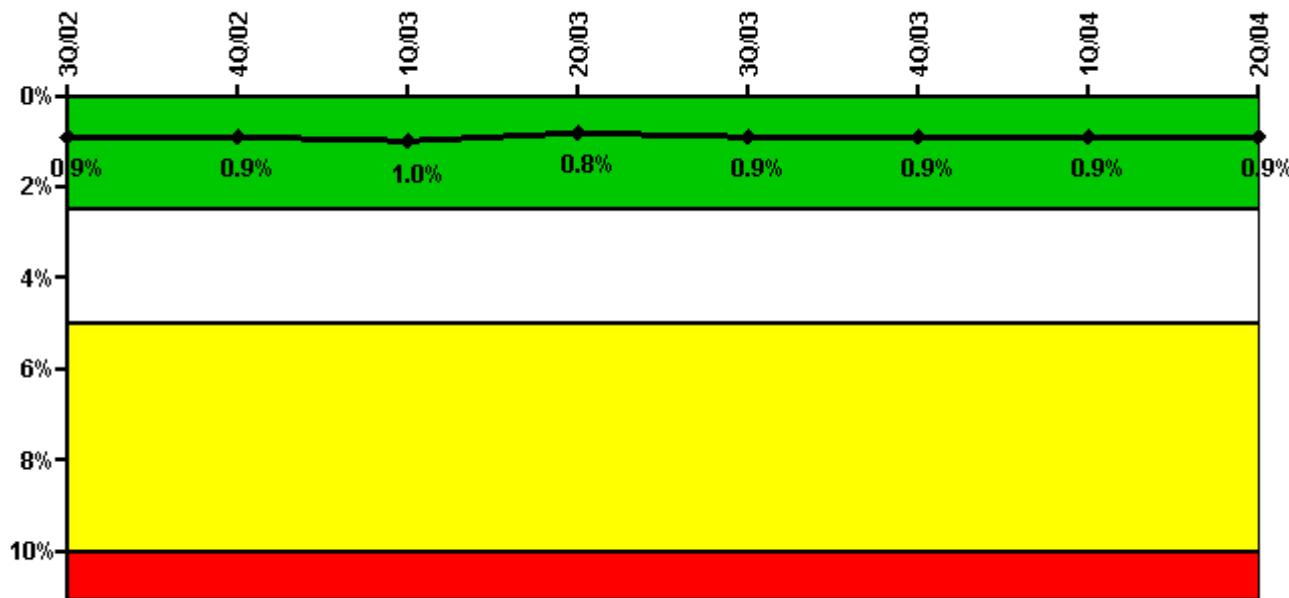
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1798.8	2009.1	2160.0	2183.0	2208.0	2209.0	1565.2	1932.9
Indicator value	0	0	0	0.9	0.8	0.8	0.9	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



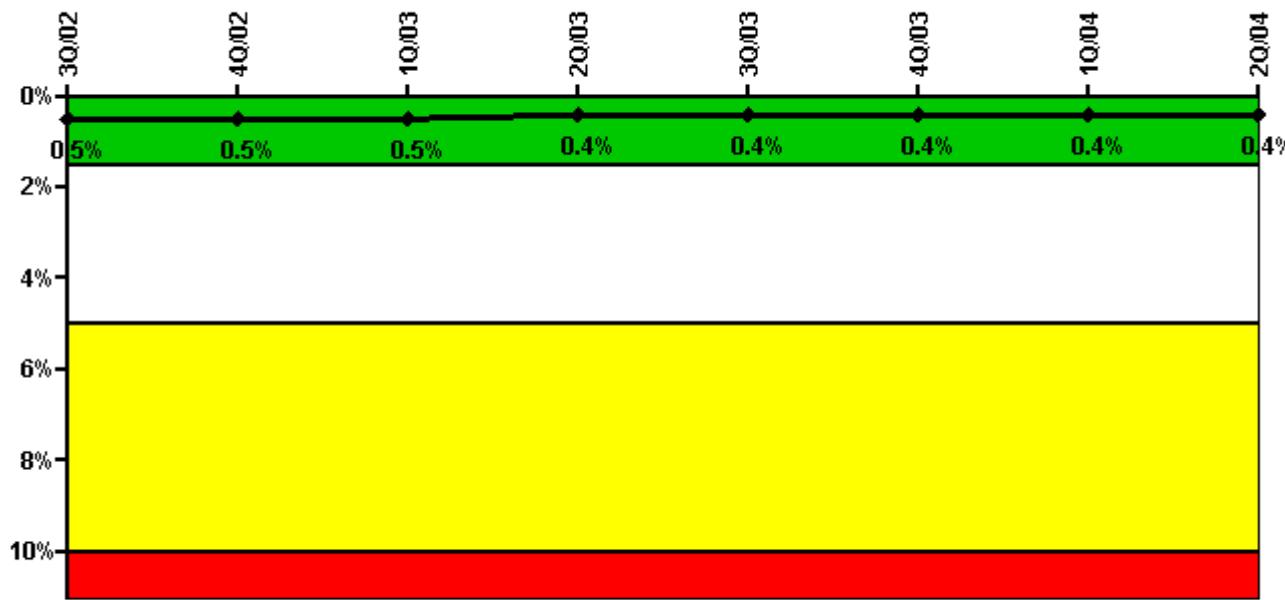
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	55.91	8.37	18.98	22.60	21.05	15.52	15.55	15.28
Unplanned unavailable hours	0	0	0	0	0	0	0	0.10
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	23.28	17.79	12.70	20.25	18.86	24.82	17.53	18.28
Unplanned unavailable hours	1.20	7.05	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.9%	0.9%	1.0%	0.8%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



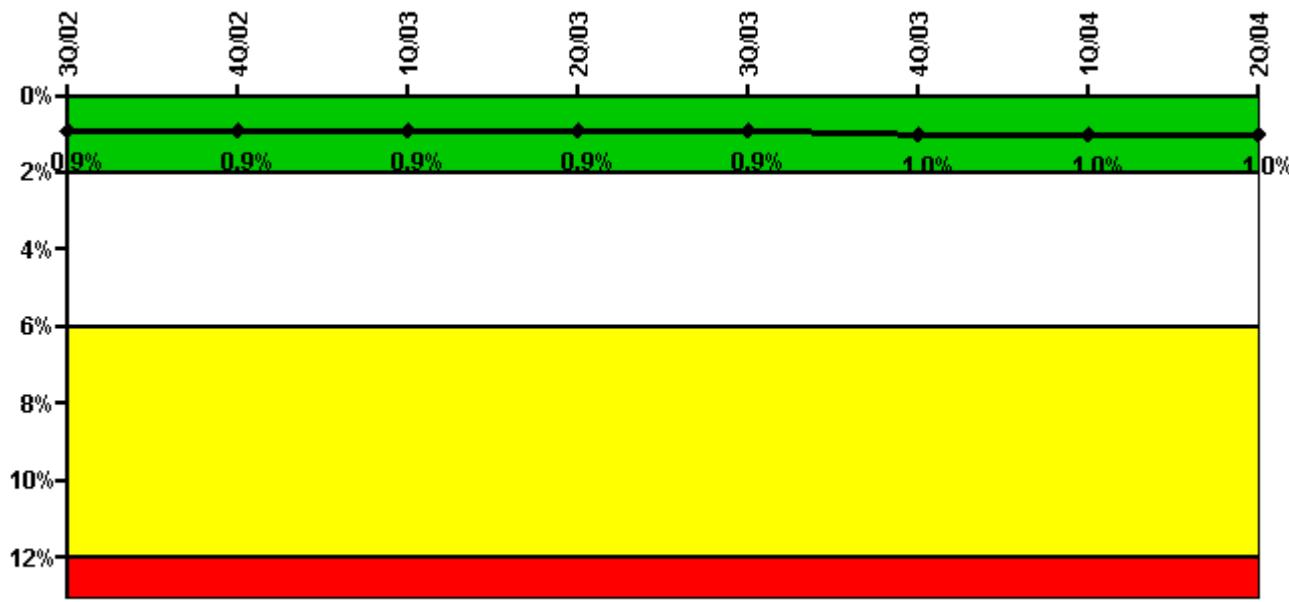
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)								
	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	15.05	10.16	2.48	4.33	2.66	4.22	10.18	2.27
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1806.90	2073.77	2160.00	2183.00	2208.00	2209.00	1570.25	2022.28
Train 2								
Planned unavailable hours	7.55	2.40	20.40	2.37	4.33	9.48	2.30	8.27
Unplanned unavailable hours	16.75	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1816.10	2058.37	2160.00	2183.00	2208.00	2209.00	1575.62	2046.34
Train 3								
Planned unavailable hours	7.48	16.83	8.65	7.08	16.54	6.51	3.32	4.02
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1806.90	2058.37	2160.00	2183.00	2208.00	2209.00	1570.25	2022.28
Train 4								
Planned unavailable hours	2.98	12.29	4.60	2.93	11.60	4.63	32.88	8.48
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1806.90	2058.37	2160.00	2183.00	2208.00	2209.00	1570.25	2022.28
Indicator value	0.5%	0.5%	0.5%	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



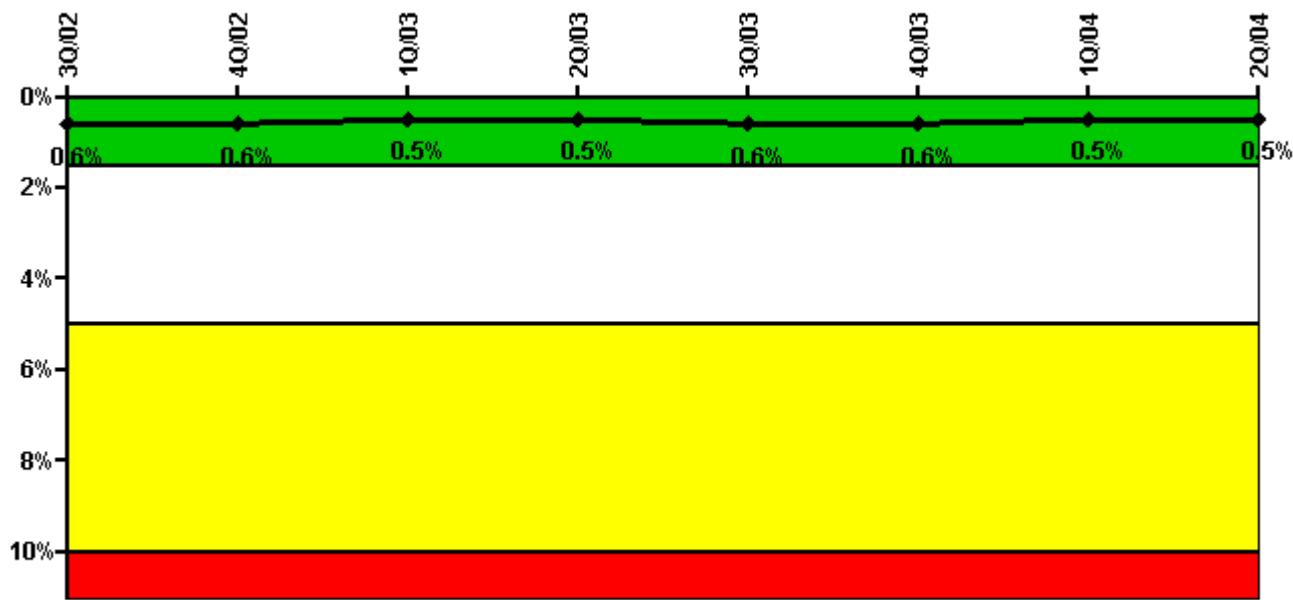
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	18.97	2.73	3.00	5.10	2.85	26.08	17.50	3.88
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30	2022.40
Train 2								
Planned unavailable hours	2.90	22.55	4.70	3.12	16.70	4.97	15.45	9.57
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30	2022.40
Train 3								
Planned unavailable hours	10.79	46.44	5.78	9.60	48.45	61.37	1.38	18.84
Unplanned unavailable hours	0	5.57	0	0	3.57	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1816.00	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30	2022.40
Indicator value	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



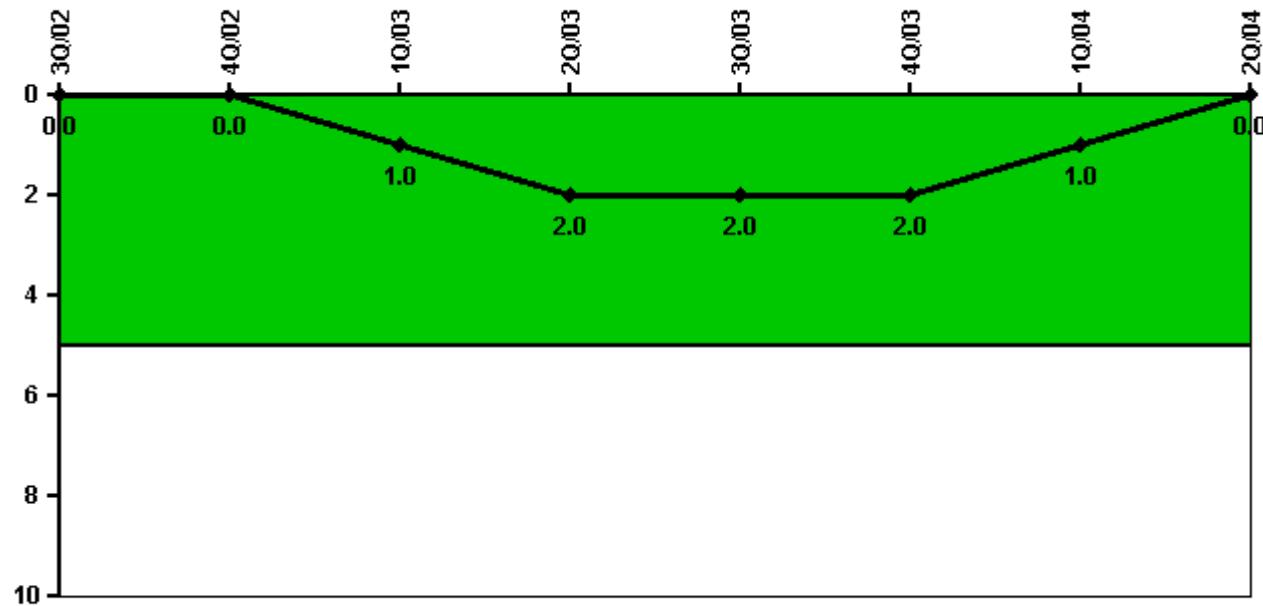
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System								
	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Train 1								
Planned unavailable hours	16.25	8.69	22.56	4.00	13.90	11.80	2.00	2.00
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Train 2								
Planned unavailable hours	9.05	16.17	12.25	11.60	17.00	16.98	13.42	34.37
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%

Licensee Comments: none

Safety System Functional Failures (PWR)



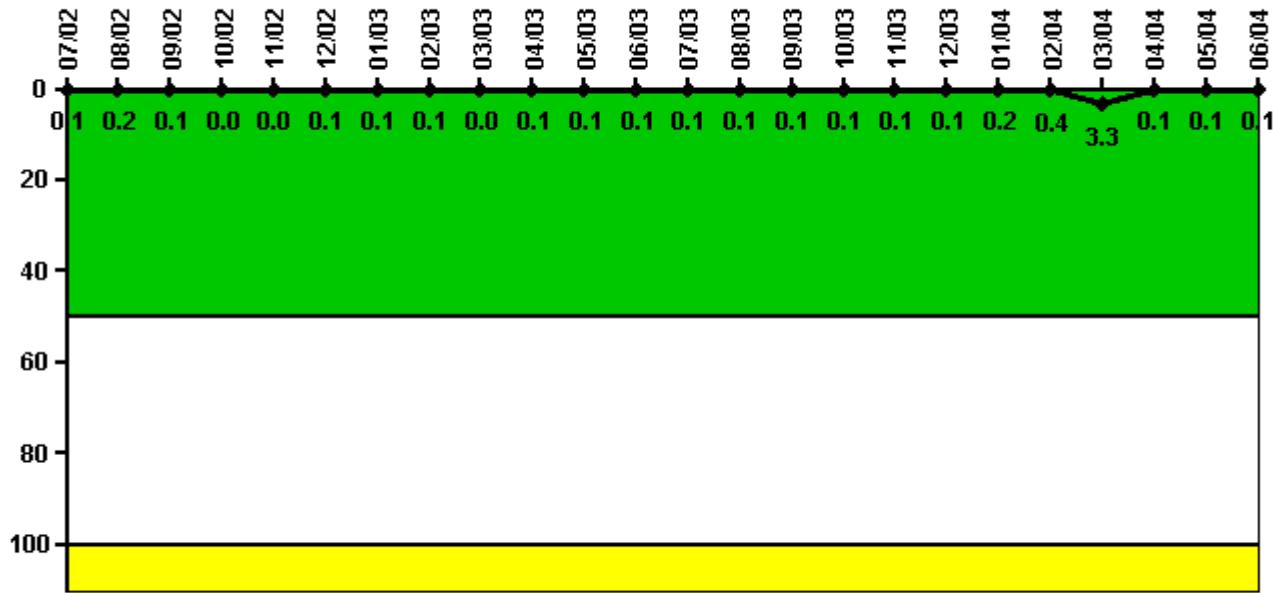
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Safety System Functional Failures	0	0	1	1	0	0	0	0
Indicator value	0	0	1	2	2	2	1	0

Licensee Comments: none

Reactor Coolant System Activity



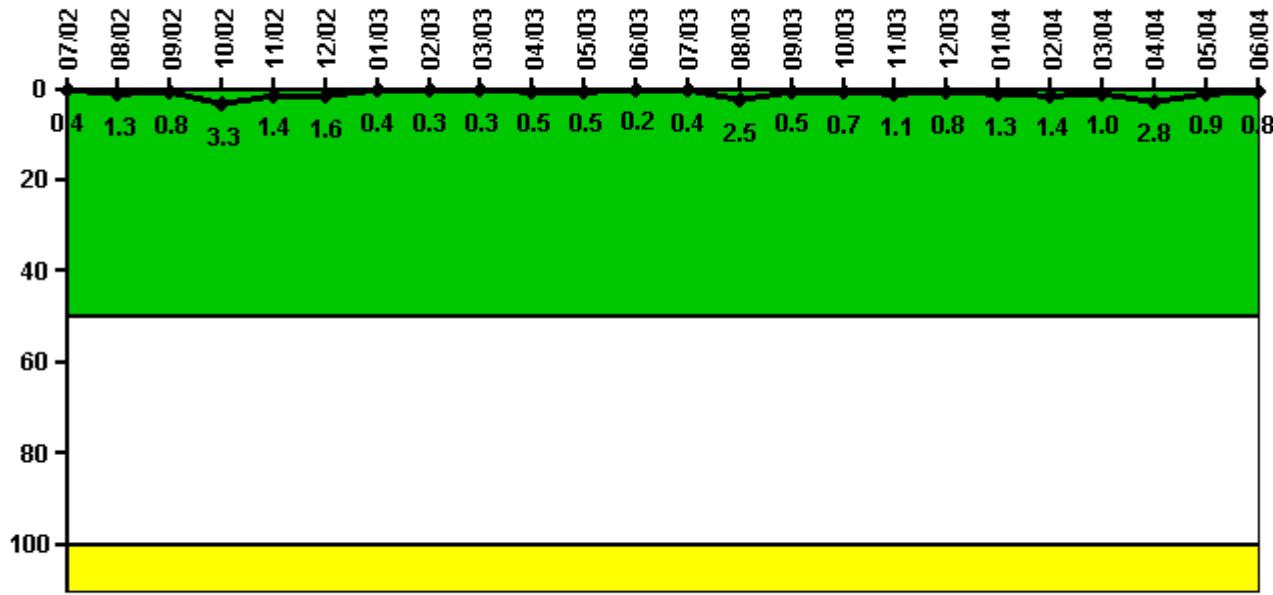
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum activity	0.000840	0.001550	0.000810	0.000450	0.000470	0.000620	0.000660	0.000590	0.000470	0.000580	0.000890	0.000970
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.1	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1
Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.001280	0.000830	0.001020	0.001034	0.001338	0.001433	0.001563	0.003975	0.032820	0.000522	0.001160	0.000589
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	3.3	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



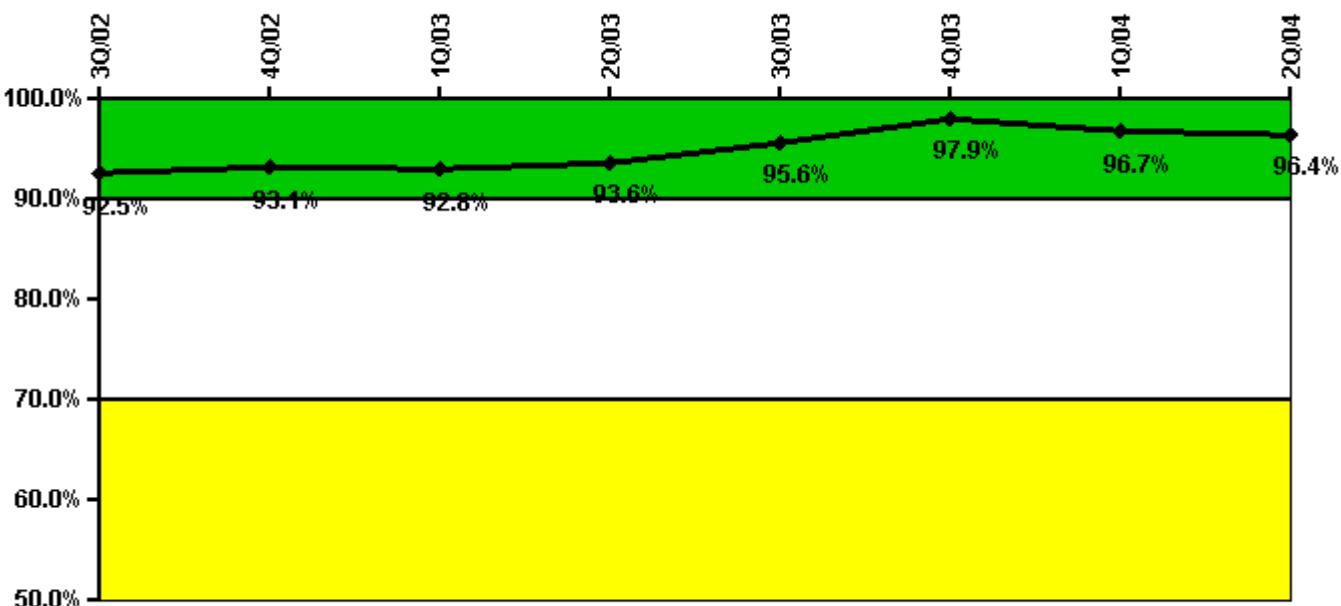
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/02	8/02	9/02	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03
Maximum leakage	0.039	0.125	0.079	0.330	0.141	0.159	0.042	0.026	0.033	0.054	0.047	0.018
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	1.3	0.8	3.3	1.4	1.6	0.4	0.3	0.3	0.5	0.5	0.2
Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.040	0.247	0.053	0.068	0.111	0.084	0.125	0.143	0.095	0.284	0.086	0.078
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	2.5	0.5	0.7	1.1	0.8	1.3	1.4	1.0	2.8	0.9	0.8

Licensee Comments: none

Drill/Exercise Performance



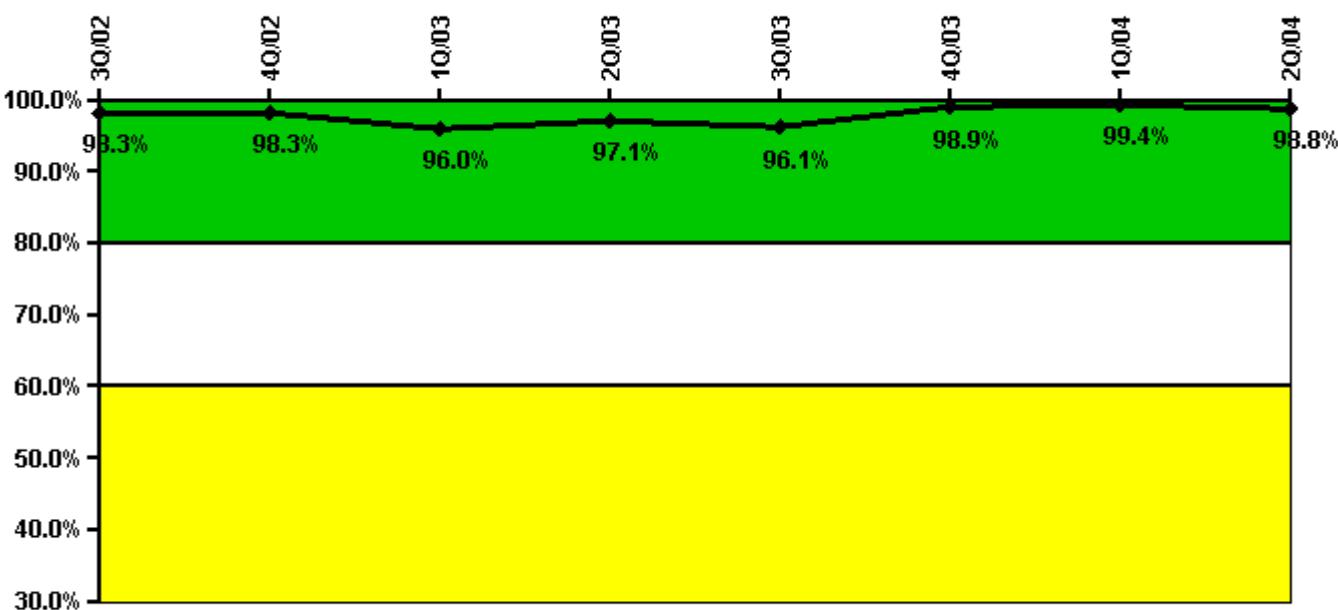
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful opportunities	2.0	14.0	13.0	26.0	10.0	58.0	13.0	23.0
Total opportunities	2.0	14.0	14.0	26.0	10.0	59.0	16.0	24.0
Indicator value	92.5%	93.1%	92.8%	93.6%	95.6%	97.9%	96.7%	96.4%

Licensee Comments: none

ERO Drill Participation



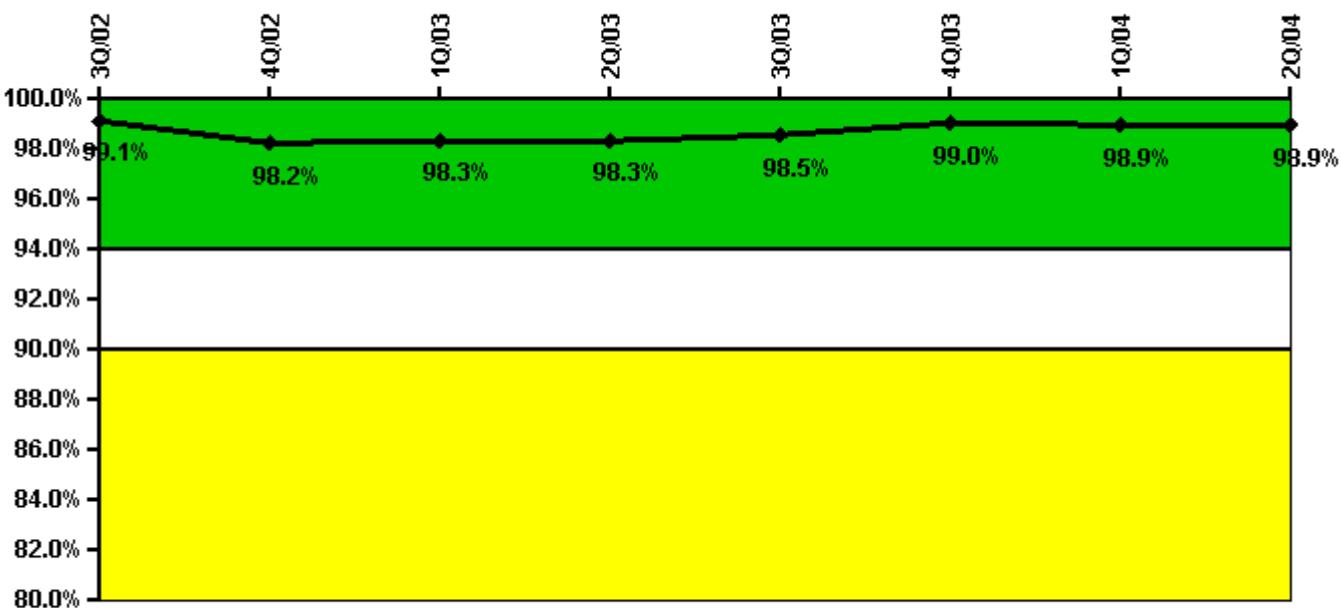
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Participating Key personnel	173.0	172.0	167.0	169.0	171.0	174.0	173.0	170.0
Total Key personnel	176.0	175.0	174.0	174.0	178.0	176.0	174.0	172.0
Indicator value	98.3%	98.3%	96.0%	97.1%	96.1%	98.9%	99.4%	98.8%

Licensee Comments: none

Alert & Notification System



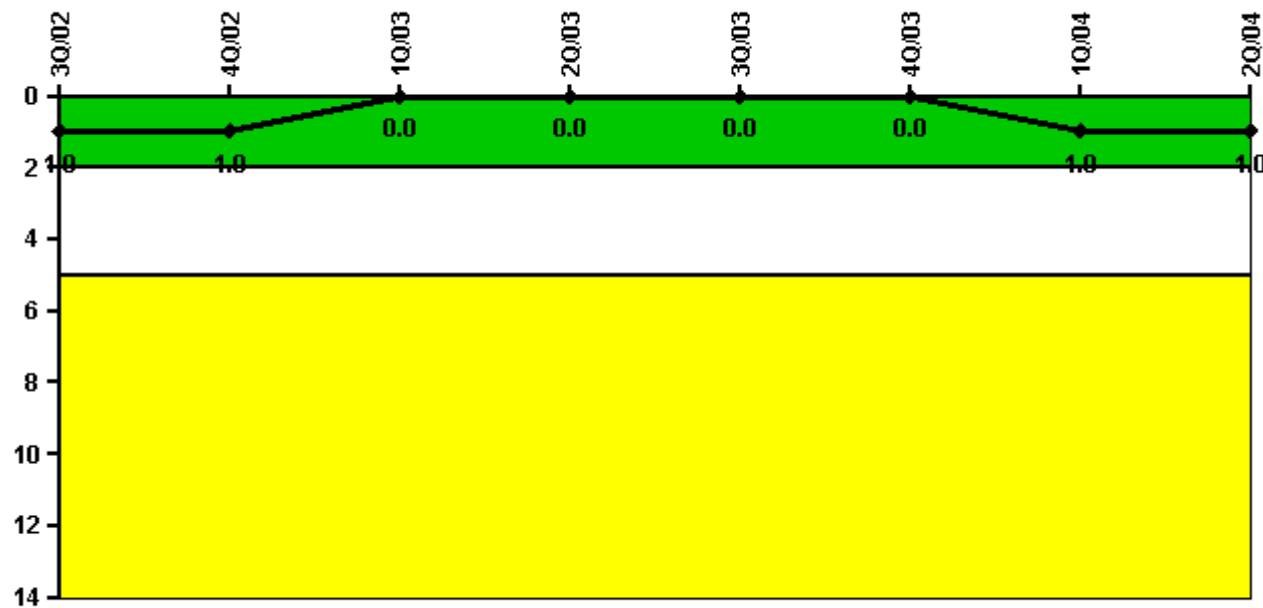
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
Successful siren-tests	1729	1744	1720	1796	1845	1727	1788	1794
Total sirens-tests	1758	1812	1730	1809	1860	1759	1809	1809
Indicator value	99.1%	98.2%	98.3%	98.3%	98.5%	99.0%	98.9%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



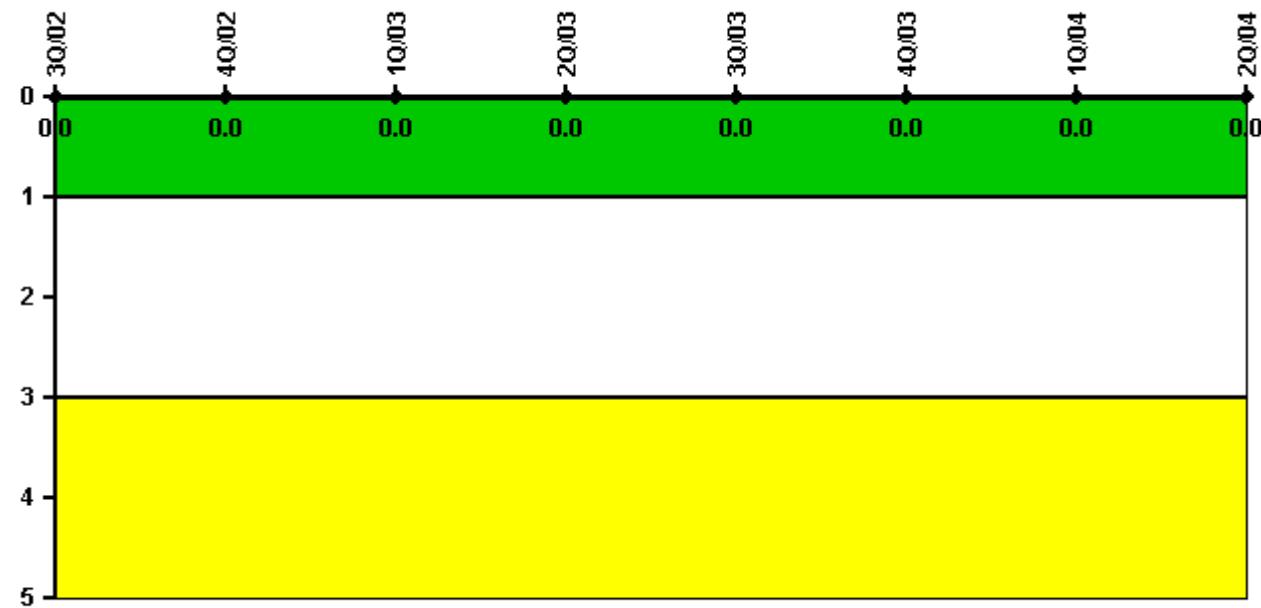
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
High radiation area occurrences	0	0	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Notes

RETS/ODCM Radiological Effluent	3Q/02	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.

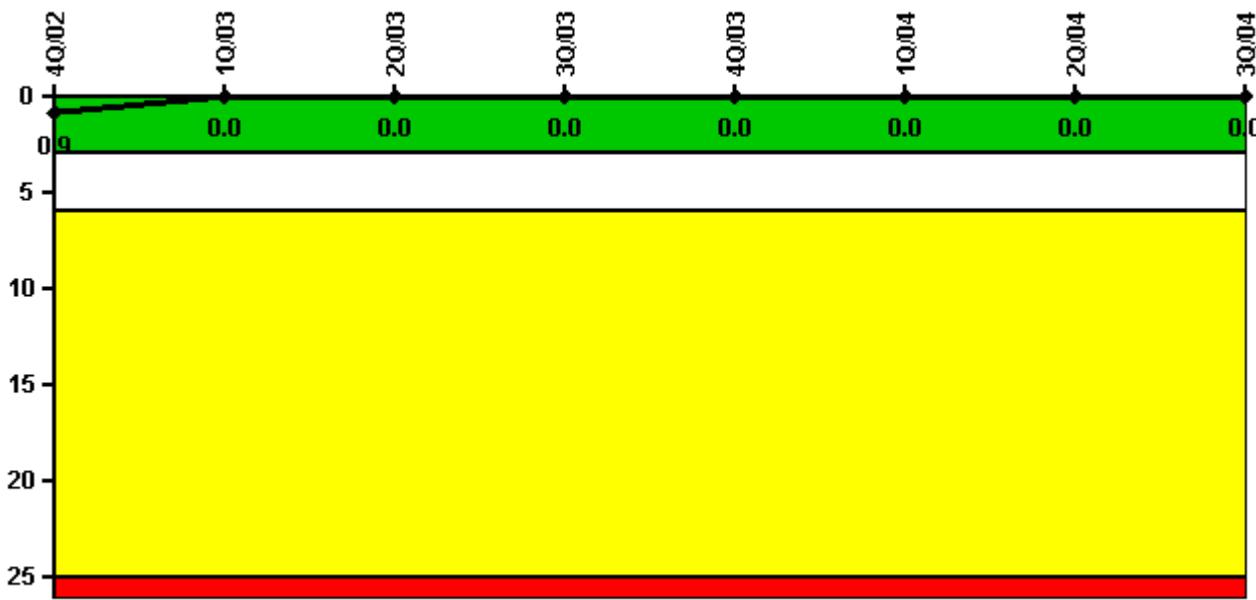


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: September 8, 2004

McGuire 1**3Q/2004 Performance Indicators**

Licensee's General Comments: McGuire Unit 1 - 3rd Quarter 2004 PI Data

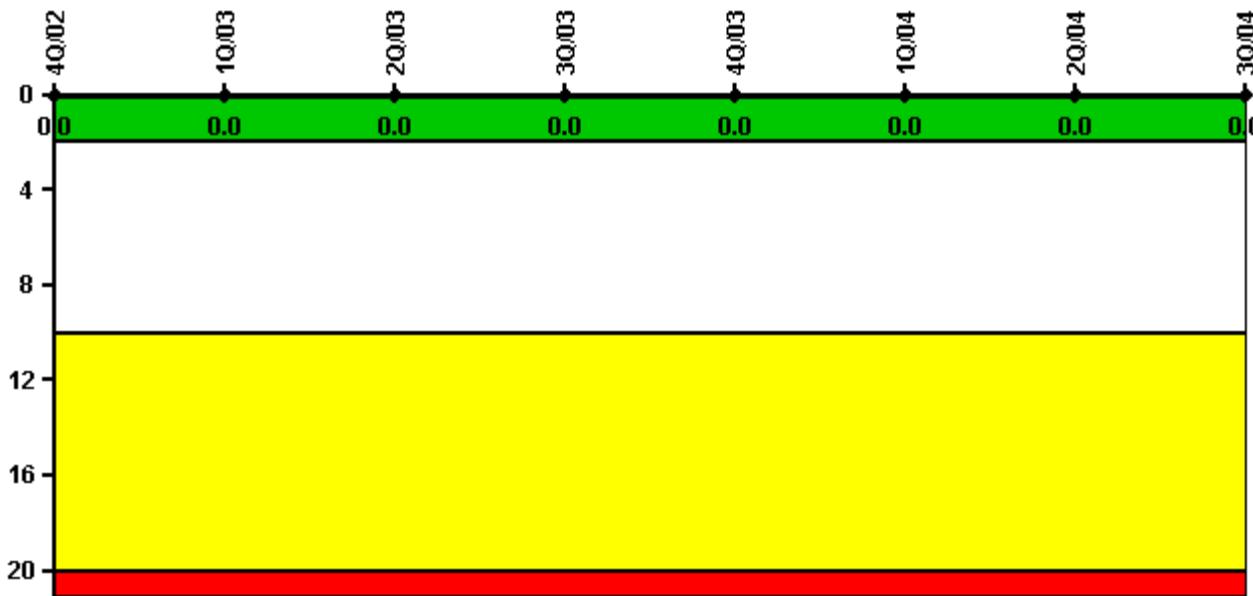
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2009.1	2160.0	2183.0	2208.0	2209.0	1565.2	1932.9	2208.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

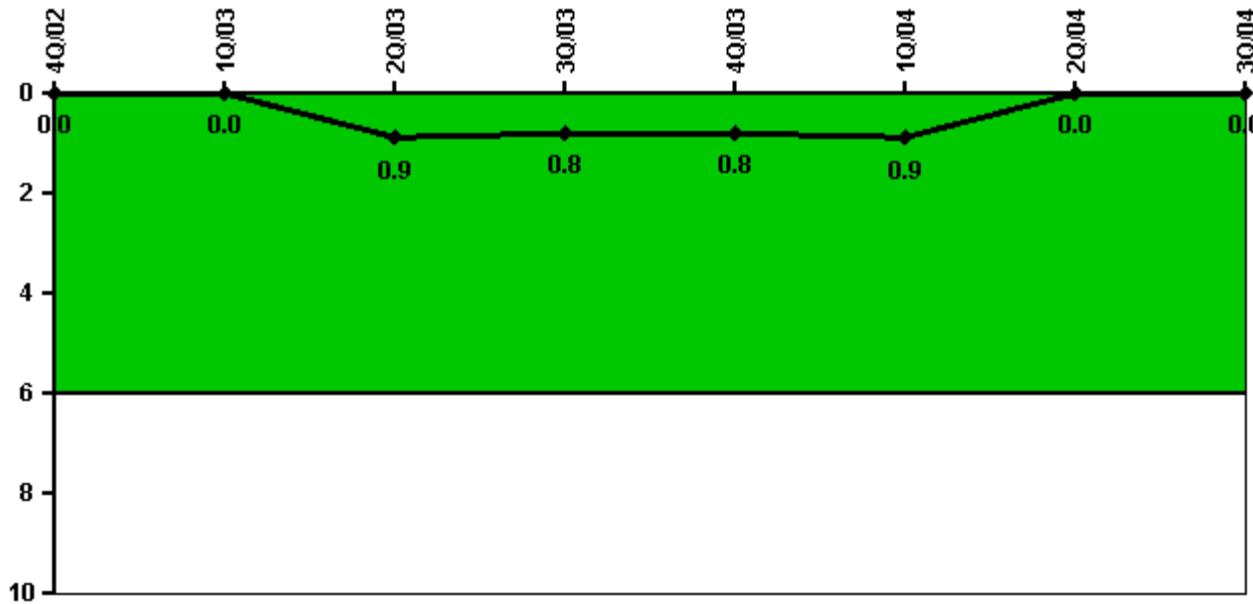
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

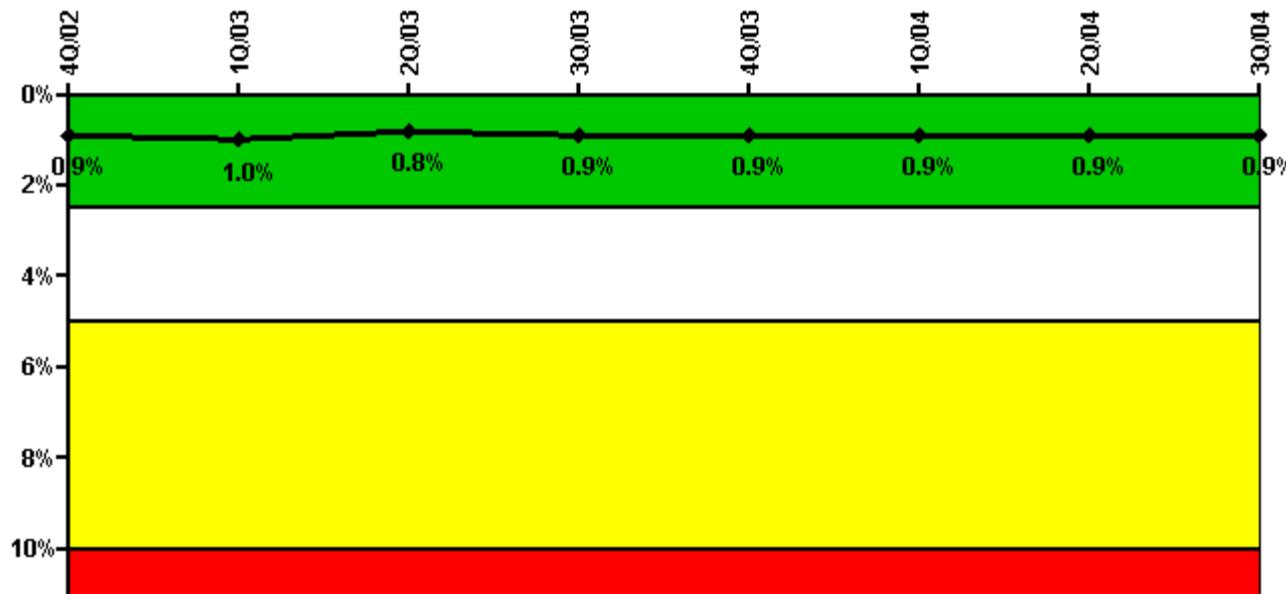
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2009.1	2160.0	2183.0	2208.0	2209.0	1565.2	1932.9	2208.0
Indicator value	0	0	0.9	0.8	0.8	0.9	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



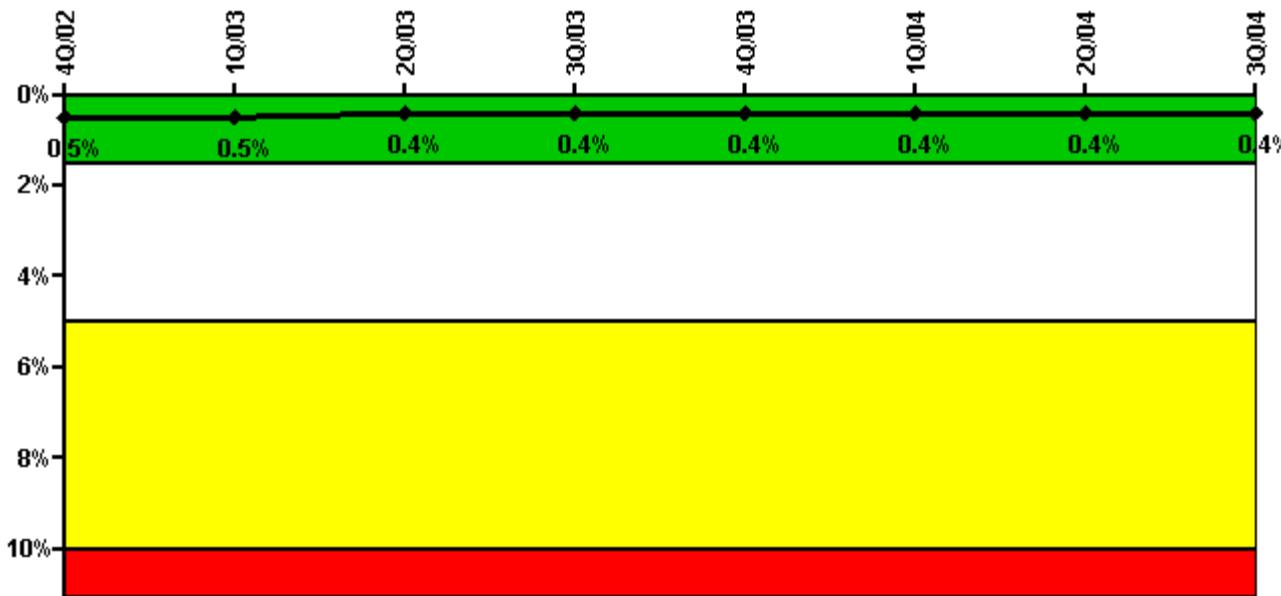
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	8.37	18.98	22.60	21.05	15.52	15.55	15.28	20.26
Unplanned unavailable hours	0	0	0	0	0	0	0.10	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	17.79	12.70	20.25	18.86	24.82	17.53	18.28	21.07
Unplanned unavailable hours	7.05	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.9%	1.0%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

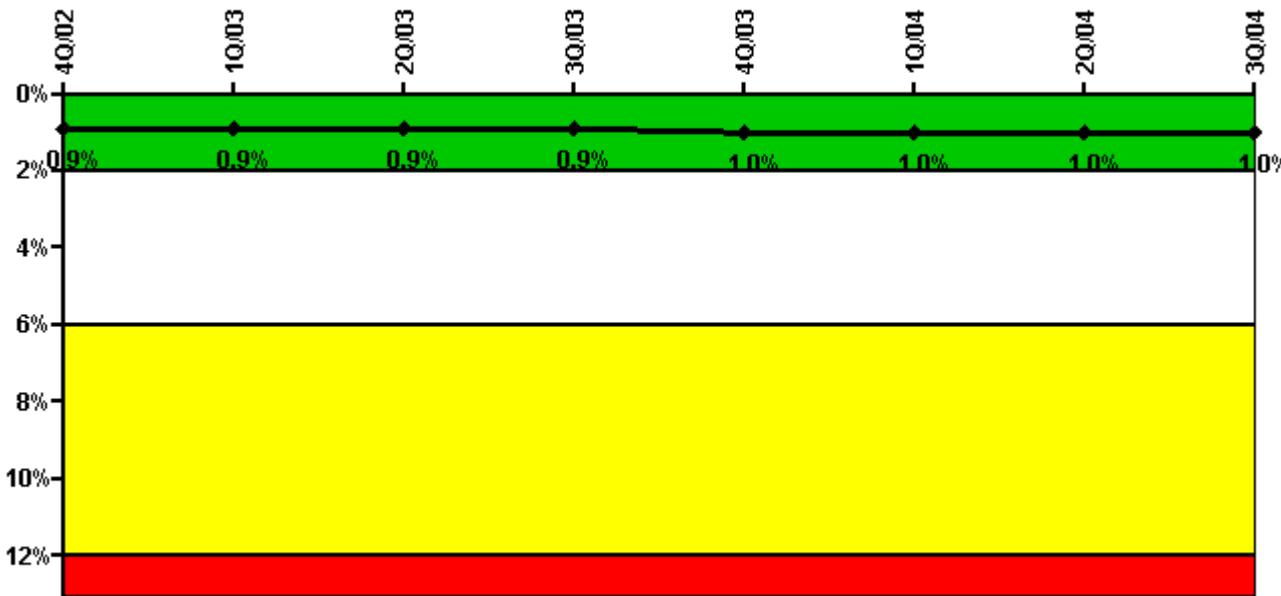


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



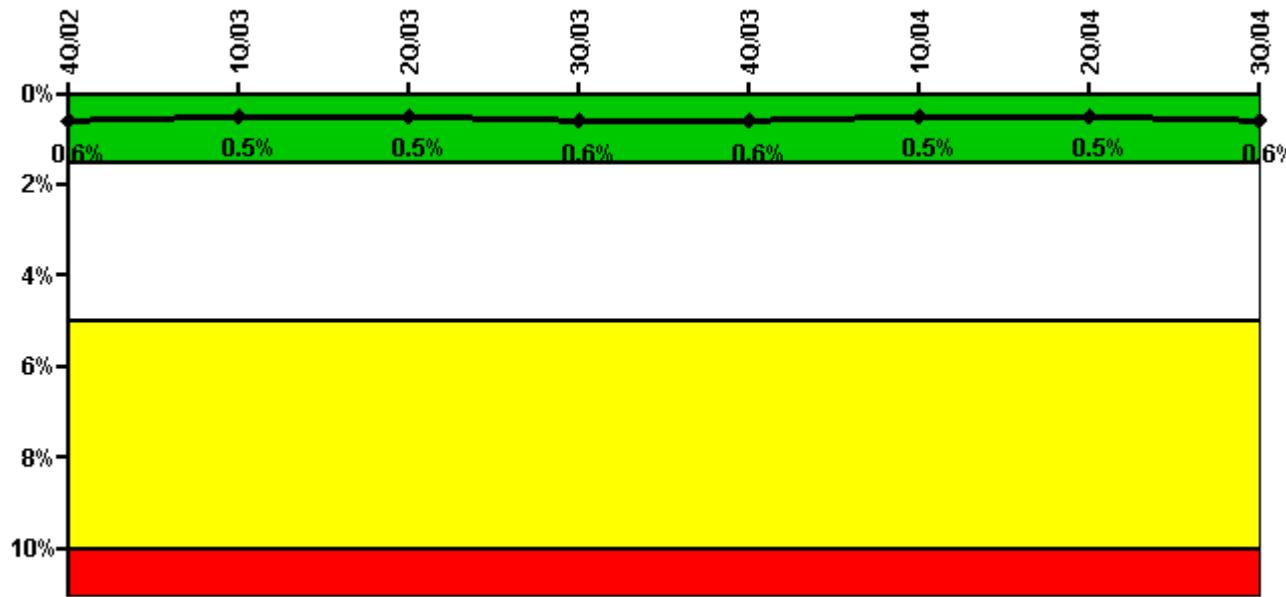
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	2.73	3.00	5.10	2.85	26.08	17.50	3.88	8.88
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00
Train 2								
Planned unavailable hours	22.55	4.70	3.12	16.70	4.97	15.45	9.57	3.62
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00
Train 3								
Planned unavailable hours	46.44	5.78	9.60	48.45	61.37	1.38	18.84	13.55
Unplanned unavailable hours	5.57	0	0	3.57	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2058.30	2160.00	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00
Indicator value	0.9%	0.9%	0.9%	0.9%	1.0%	1.0%	1.0%	1.0%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

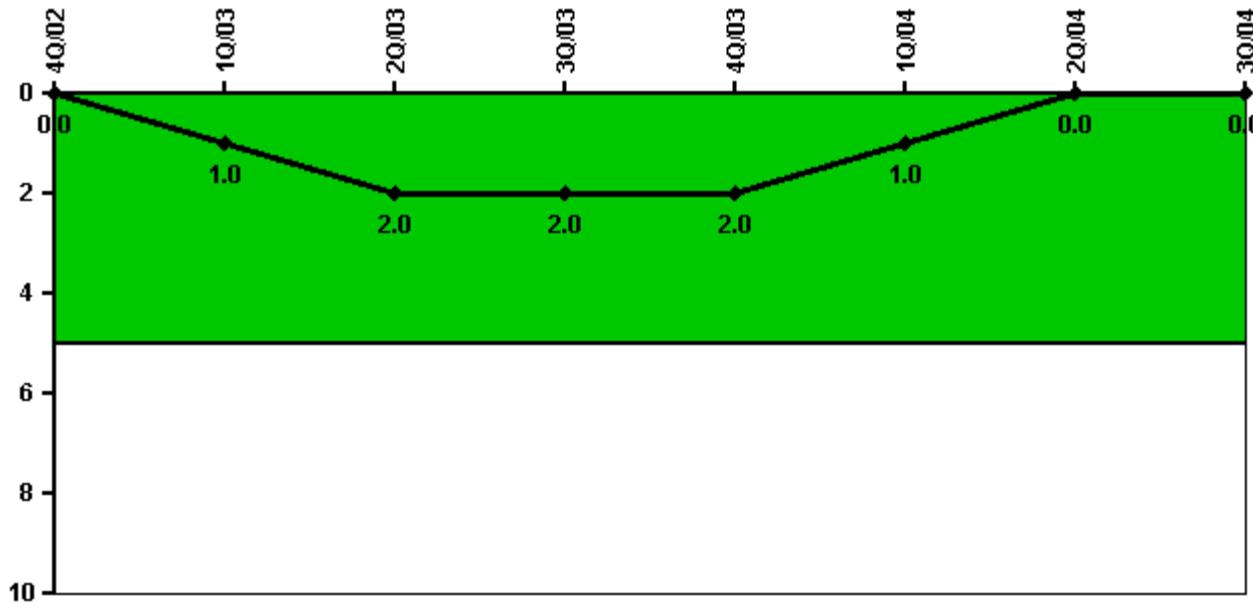


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	8.69	22.56	4.00	13.90	11.80	2.00	2.00	25.68
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Train 2								
Planned unavailable hours	16.17	12.25	11.60	17.00	16.98	13.42	34.37	5.32
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00
Indicator value	0.6%	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)

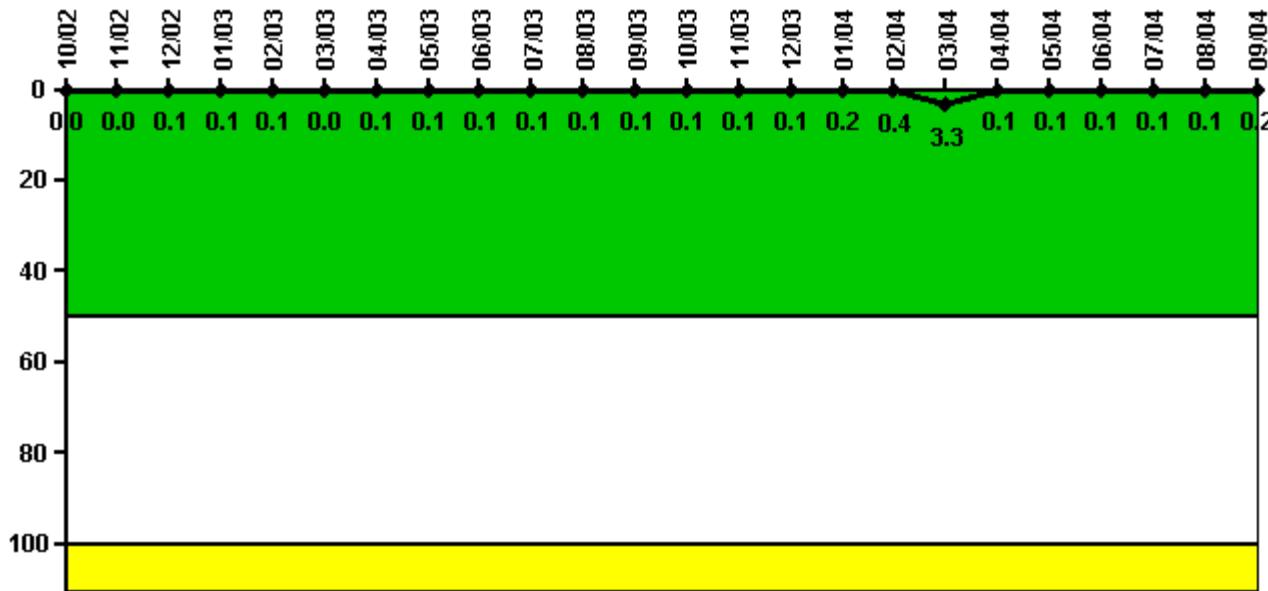
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	0	1	1	0	0	0	0	0
Indicator value	0	1	2	2	2	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



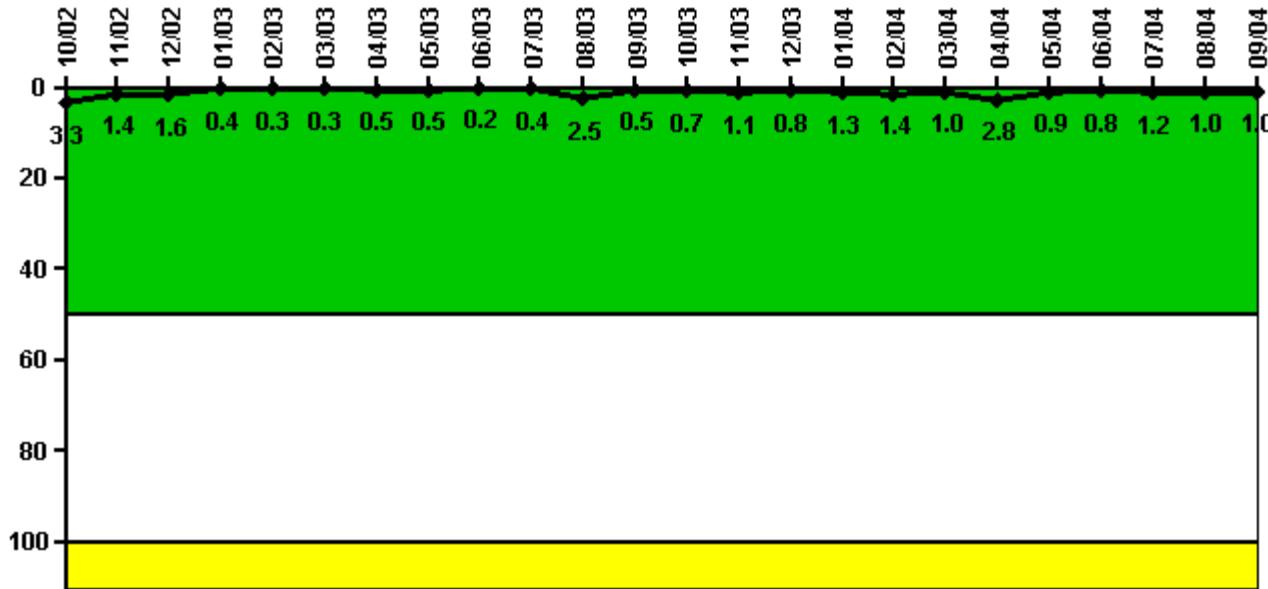
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum activity	0.000450	0.000470	0.000620	0.000660	0.000590	0.000470	0.000580	0.000890	0.000970	0.001280	0.000830	0.001020
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.001034	0.001338	0.001433	0.001563	0.003975	0.032820	0.000522	0.001160	0.000589	0.000646	0.000759	0.001617
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.4	3.3	0.1	0.1	0.1	0.1	0.1	0.2

Licensee Comments: none

Reactor Coolant System Leakage



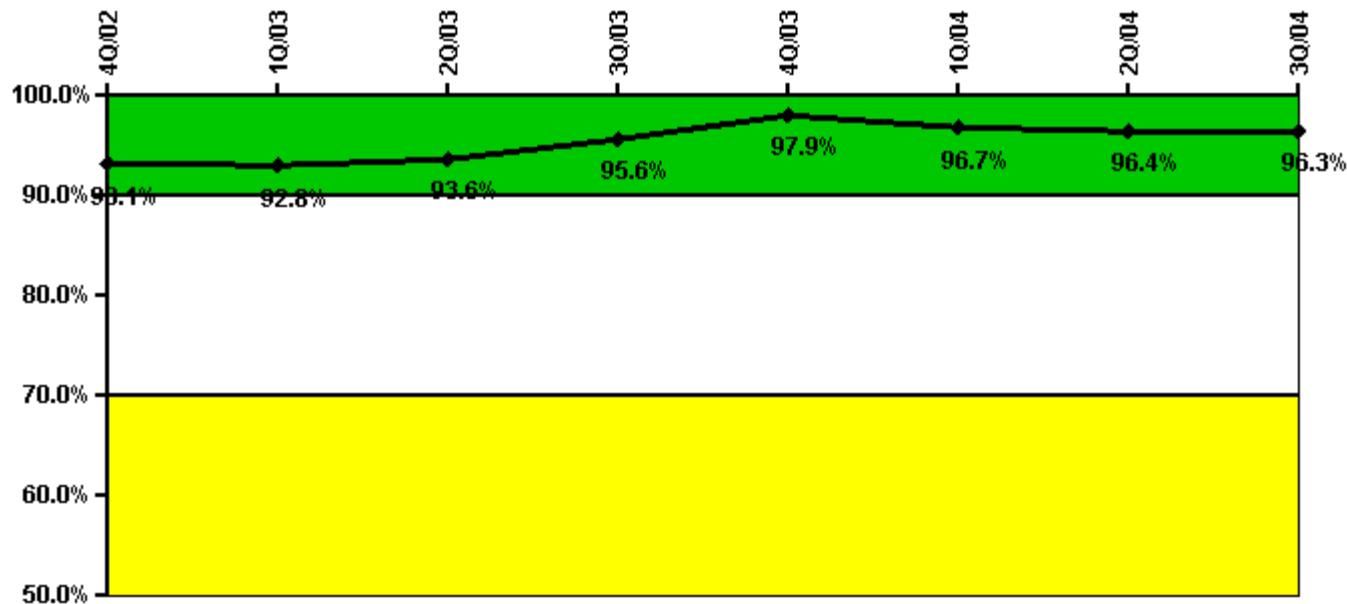
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	0.330	0.141	0.159	0.042	0.026	0.033	0.054	0.047	0.018	0.040	0.247	0.053
Indicator value	3.3	1.4	1.6	0.4	0.3	0.3	0.5	0.5	0.2	0.4	2.5	0.5
Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.068	0.111	0.084	0.125	0.143	0.095	0.284	0.086	0.078	0.118	0.104	0.099
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.1	0.8	1.3	1.4	1.0	2.8	0.9	0.8	1.2	1.0	1.0

Licensee Comments: none

Drill/Exercise Performance



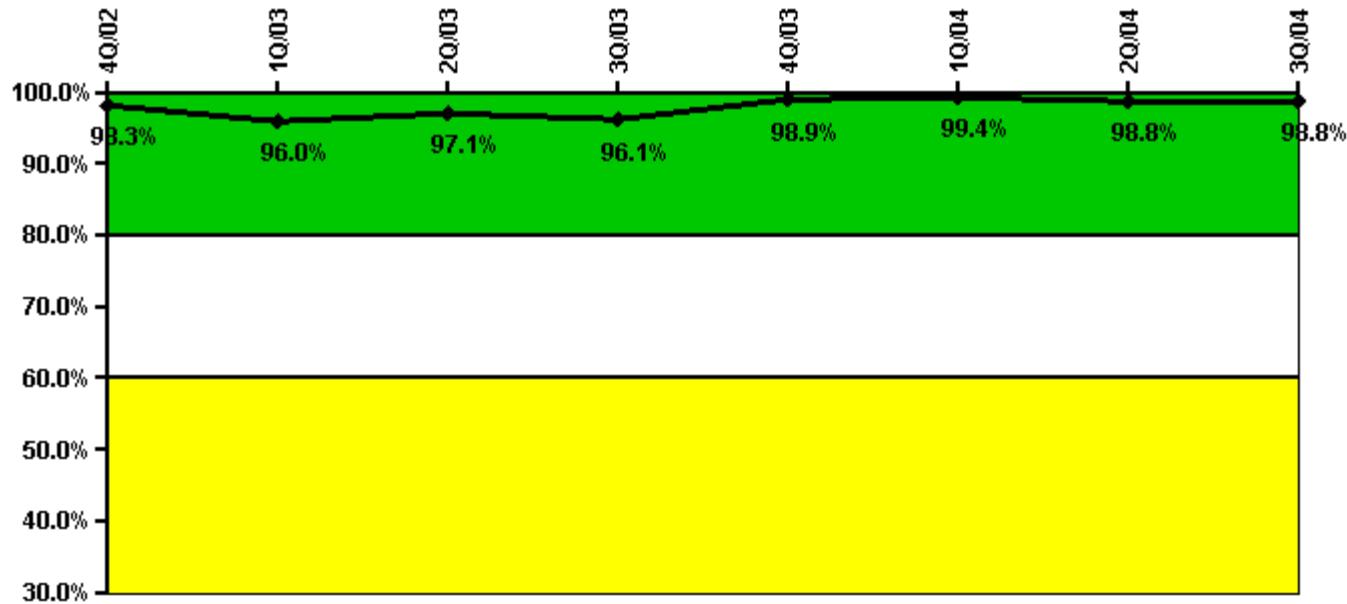
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	14.0	13.0	26.0	10.0	58.0	13.0	23.0	0
Total opportunities	14.0	14.0	26.0	10.0	59.0	16.0	24.0	0
Indicator value	93.1%	92.8%	93.6%	95.6%	97.9%	96.7%	96.4%	96.3%

Licensee Comments: none

ERO Drill Participation



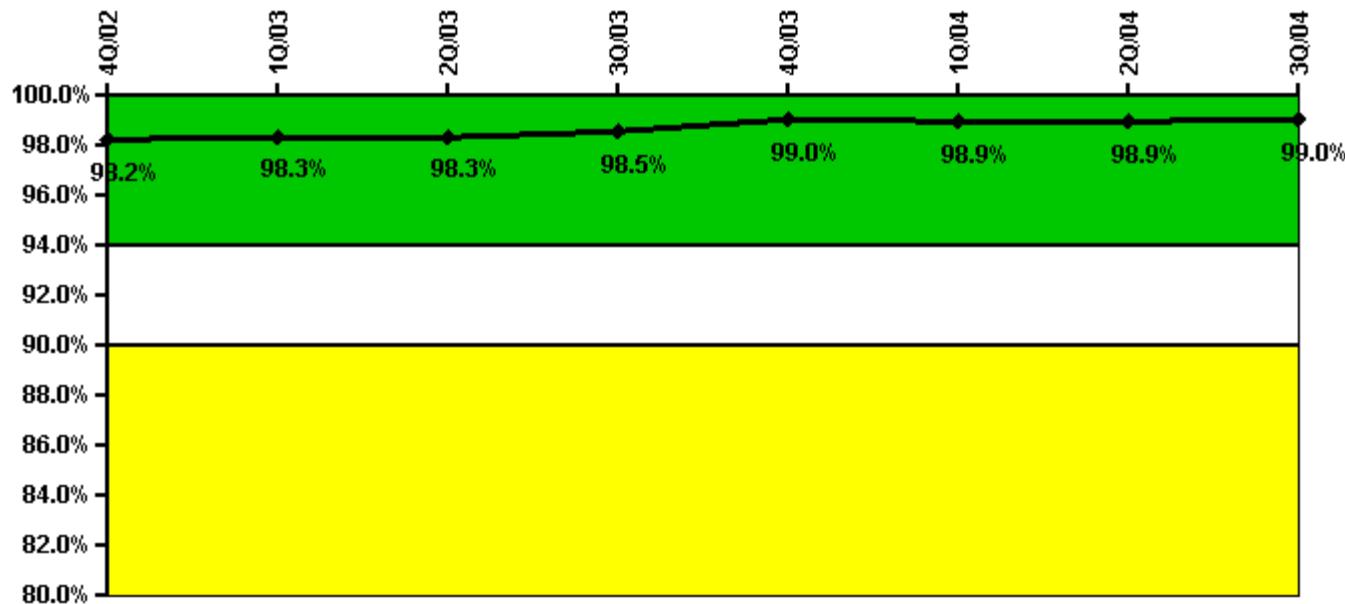
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	172.0	167.0	169.0	171.0	174.0	173.0	170.0	169.0
Total Key personnel	175.0	174.0	174.0	178.0	176.0	174.0	172.0	171.0
Indicator value	98.3%	96.0%	97.1%	96.1%	98.9%	99.4%	98.8%	98.8%

Licensee Comments: none

Alert & Notification System

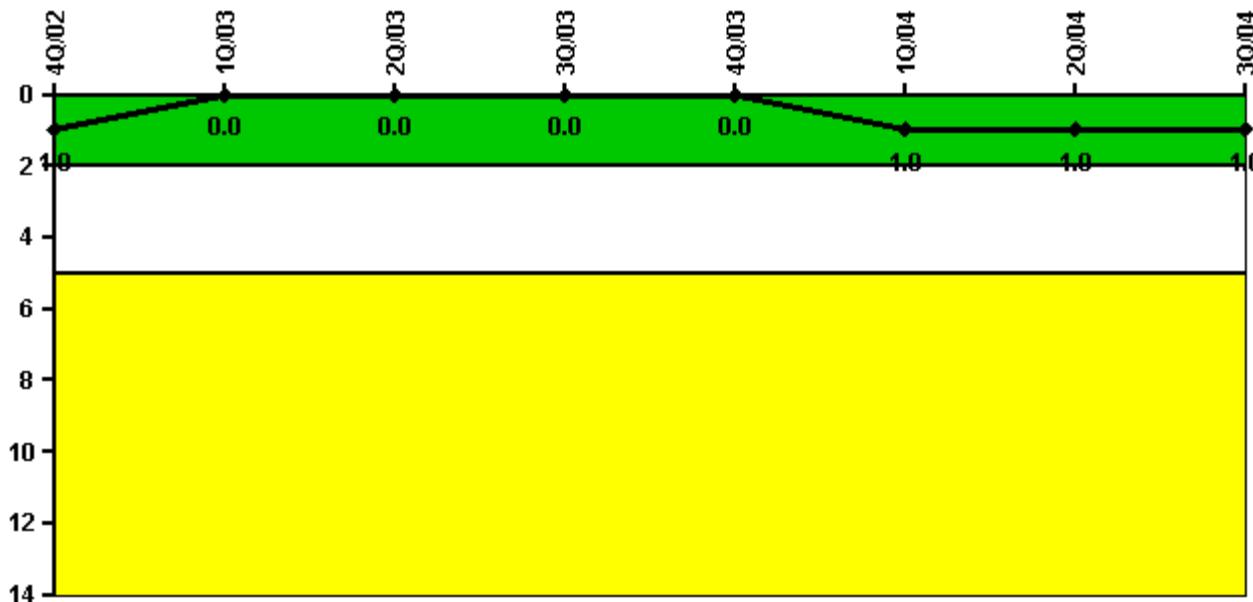


Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	1744	1720	1796	1845	1727	1788	1794	1868
Total sirens-tests	1812	1730	1809	1860	1759	1809	1809	1876
Indicator value	98.2%	98.3%	98.3%	98.5%	99.0%	98.9%	98.9%	99.0%

Licensee Comments: none

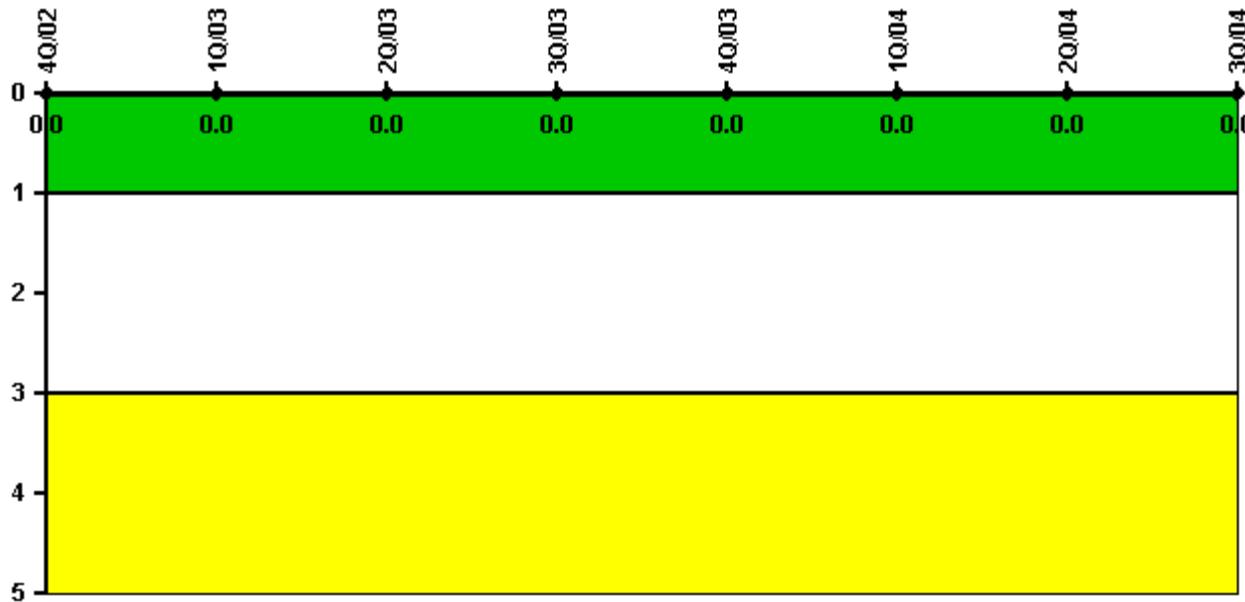
Occupational Exposure Control Effectiveness

Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
High radiation area occurrences	0	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.

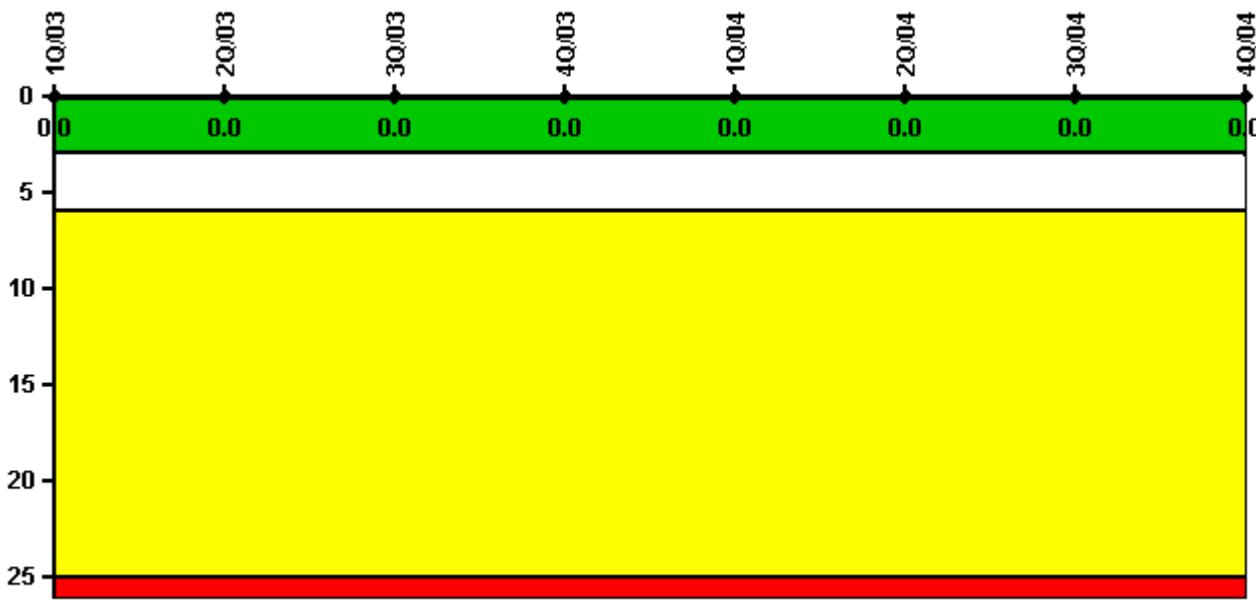


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 25, 2004

McGuire 1**4Q/2004 Performance Indicators**

Licensee's General Comments: none

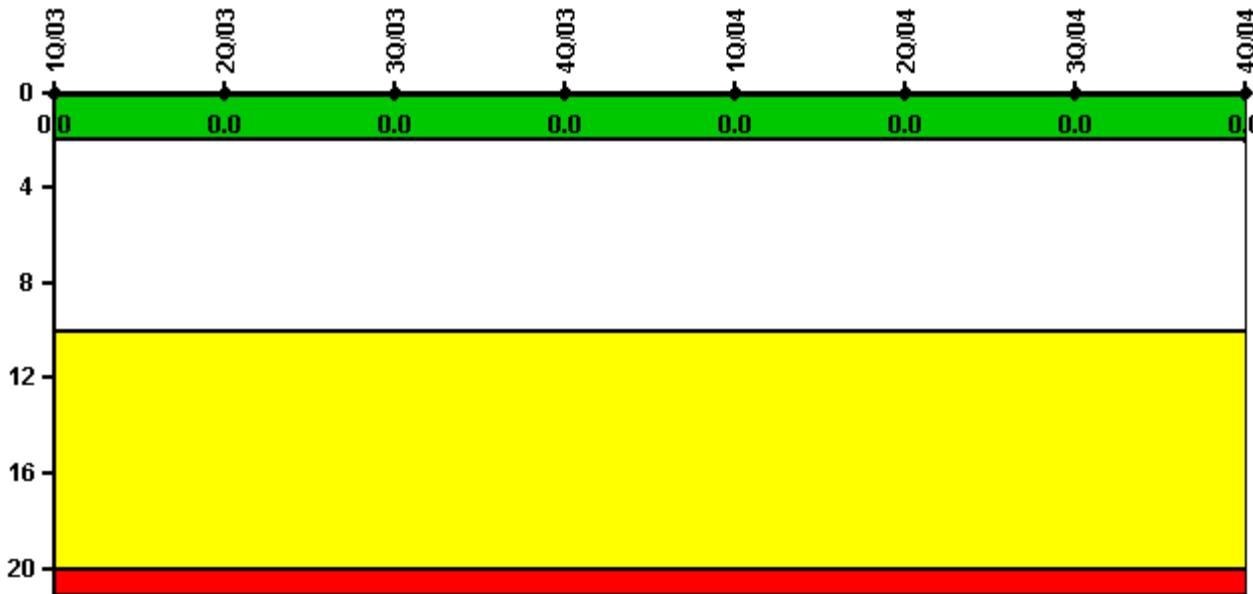
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1565.2	1932.9	2208.0	1640.6
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

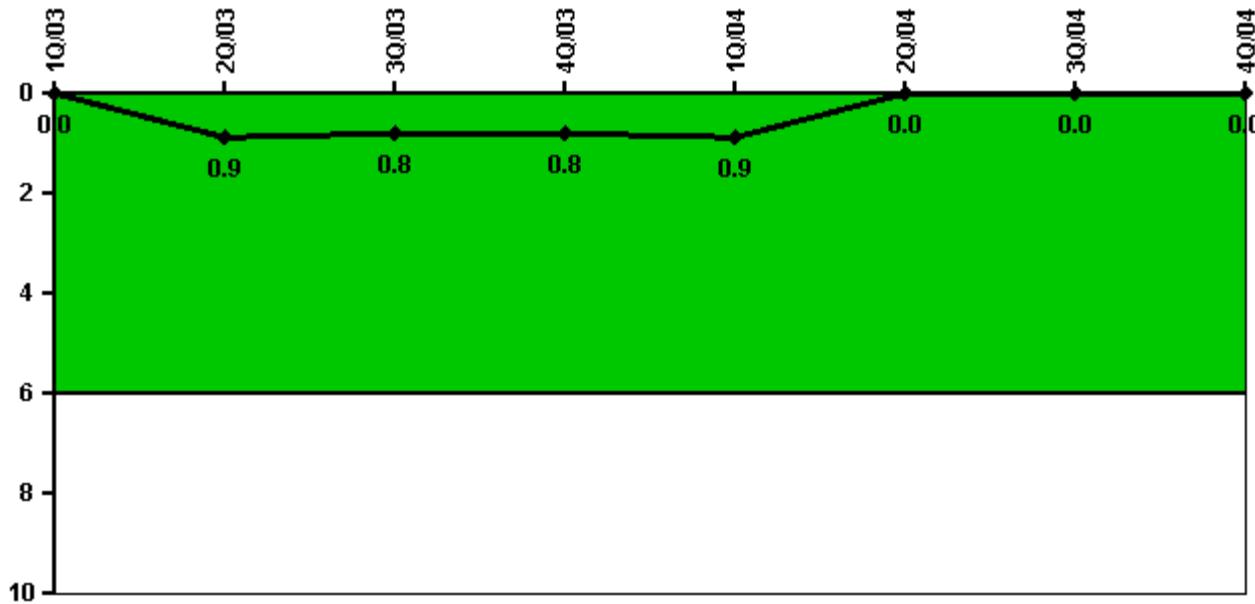
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

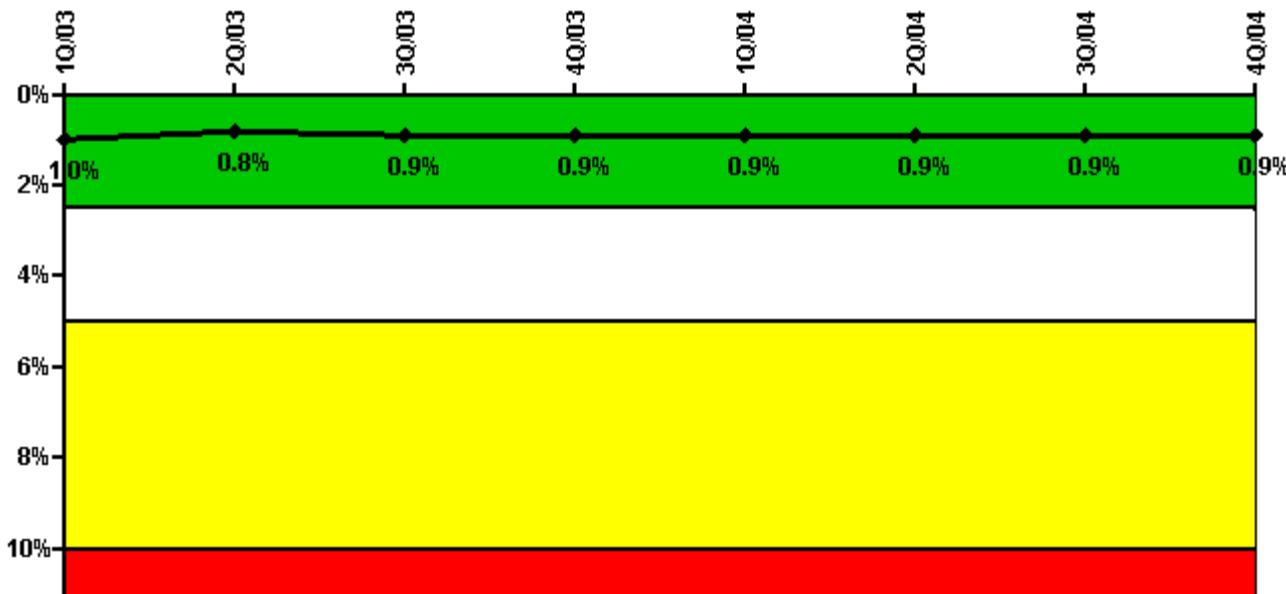
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1565.2	1932.9	2208.0	1640.6
Indicator value	0	0.9	0.8	0.8	0.9	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



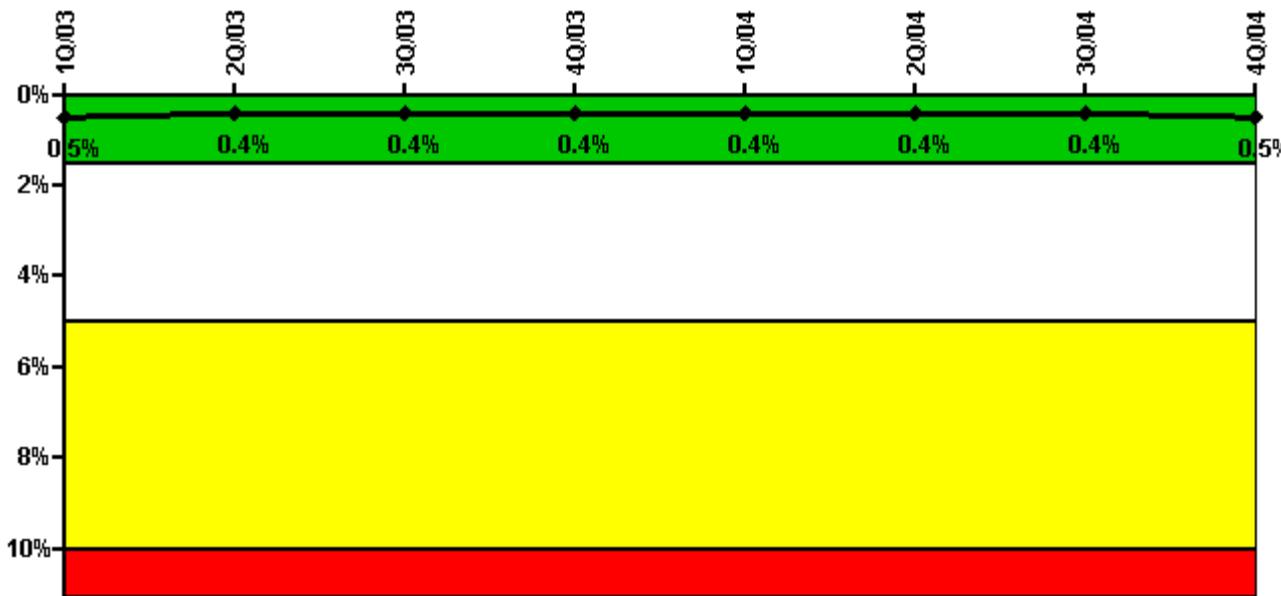
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	18.98	22.60	21.05	15.52	15.55	15.28	20.26	5.09
Unplanned unavailable hours	0	0	0	0	0	0.10	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	12.70	20.25	18.86	24.82	17.53	18.28	21.07	18.58
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	1.0%	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

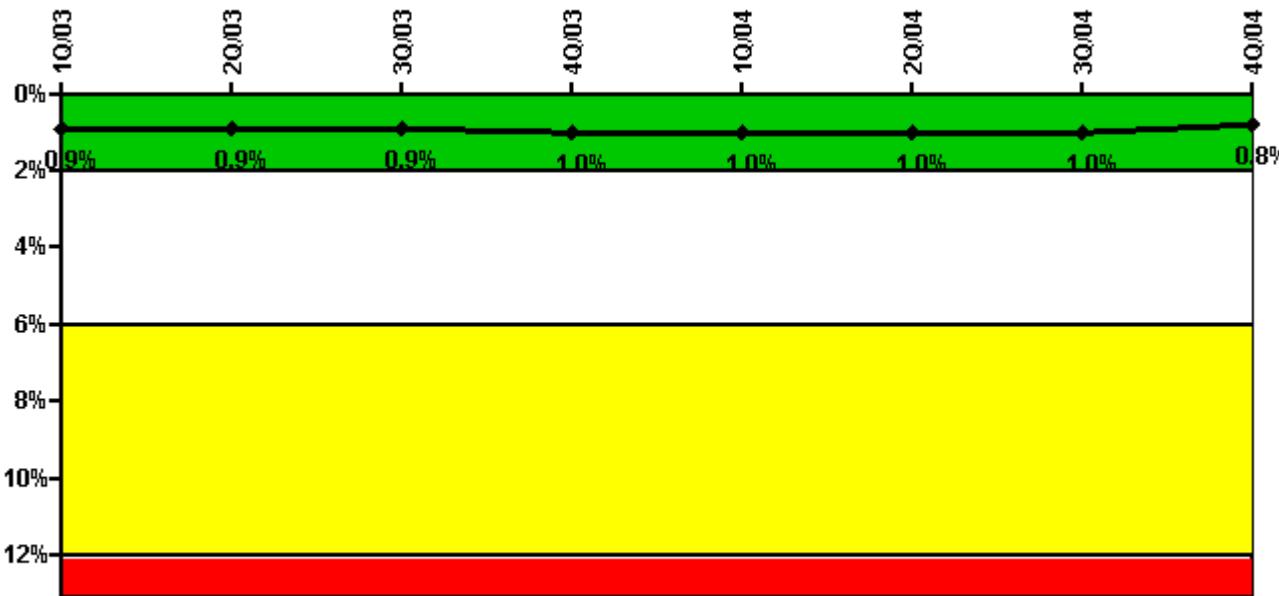


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



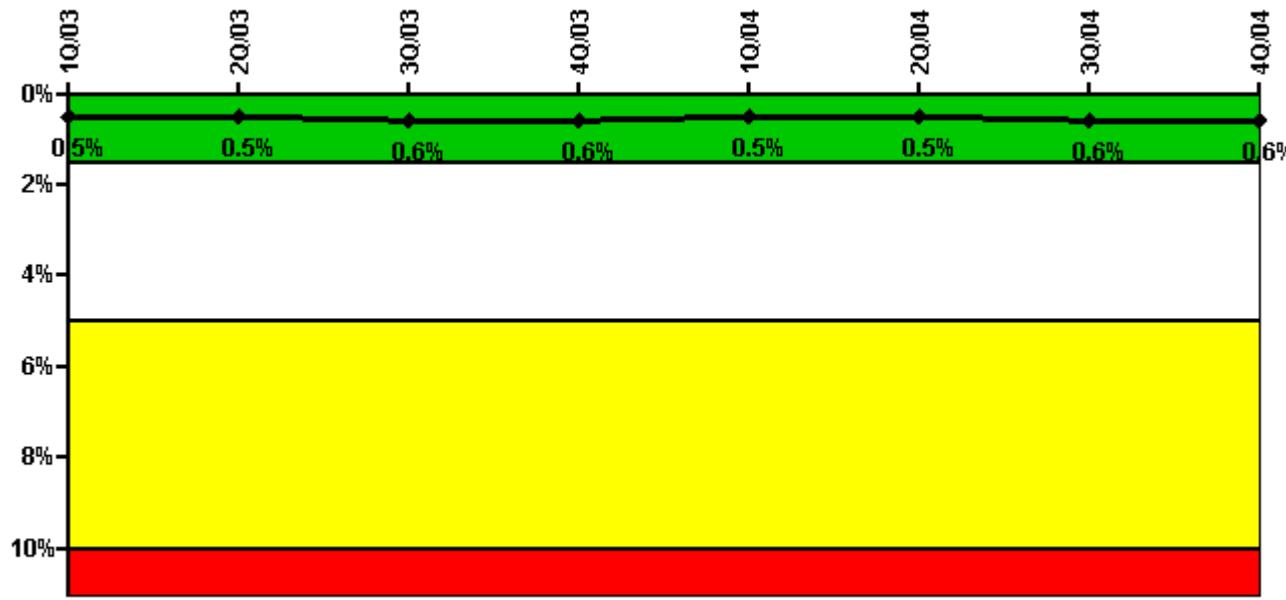
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1									
Planned unavailable hours		3.00	5.10	2.85	26.08	17.50	3.88	8.88	2.22
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00	1715.08
Train 2									
Planned unavailable hours		4.70	3.12	16.70	4.97	15.45	9.57	3.62	17.09
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00	1715.08
Train 3									
Planned unavailable hours		5.78	9.60	48.45	61.37	1.38	18.84	13.55	7.70
Unplanned unavailable hours		0	0	3.57	0	0	0	0	15.00
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2160.00	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00	1715.08
Indicator value		0.9%	0.9%	0.9%	1.0%	1.0%	1.0%	1.0%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

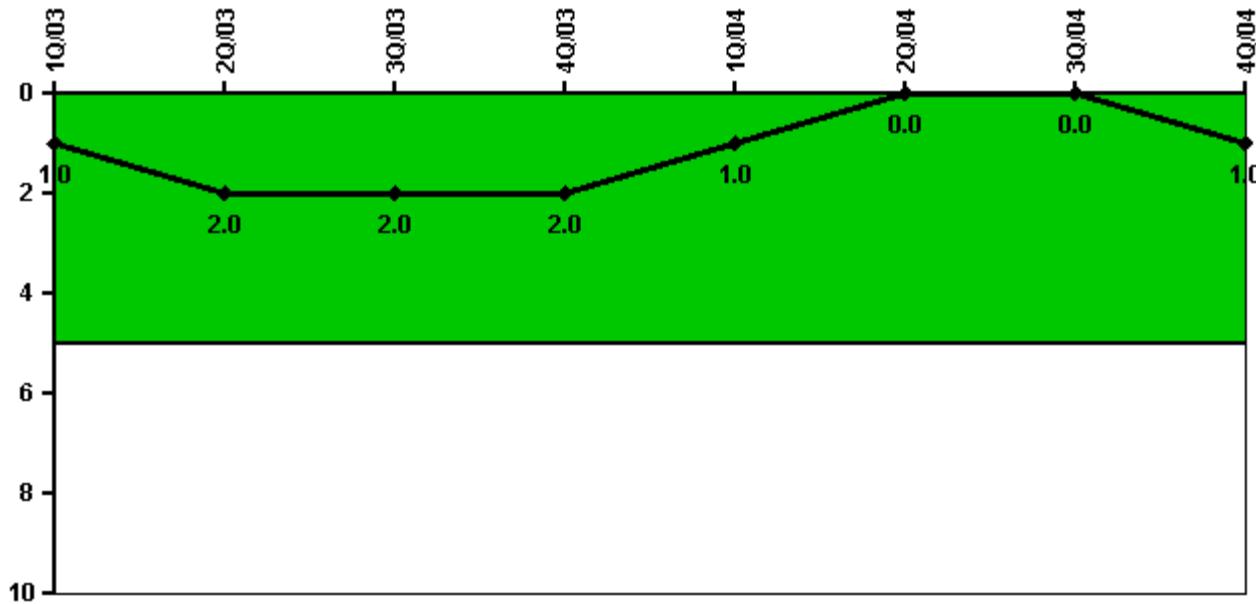


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	22.56	4.00	13.90	11.80	2.00	2.00	25.68	1.17
Unplanned unavailable hours	0	0	0	0	0	0	0	14.28
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	12.25	11.60	17.00	16.98	13.42	34.37	5.32	15.45
Unplanned unavailable hours	0	0	0	0	0	0	0	1.72
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2160.00	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%

Licensee Comments: none

Safety System Functional Failures (PWR)

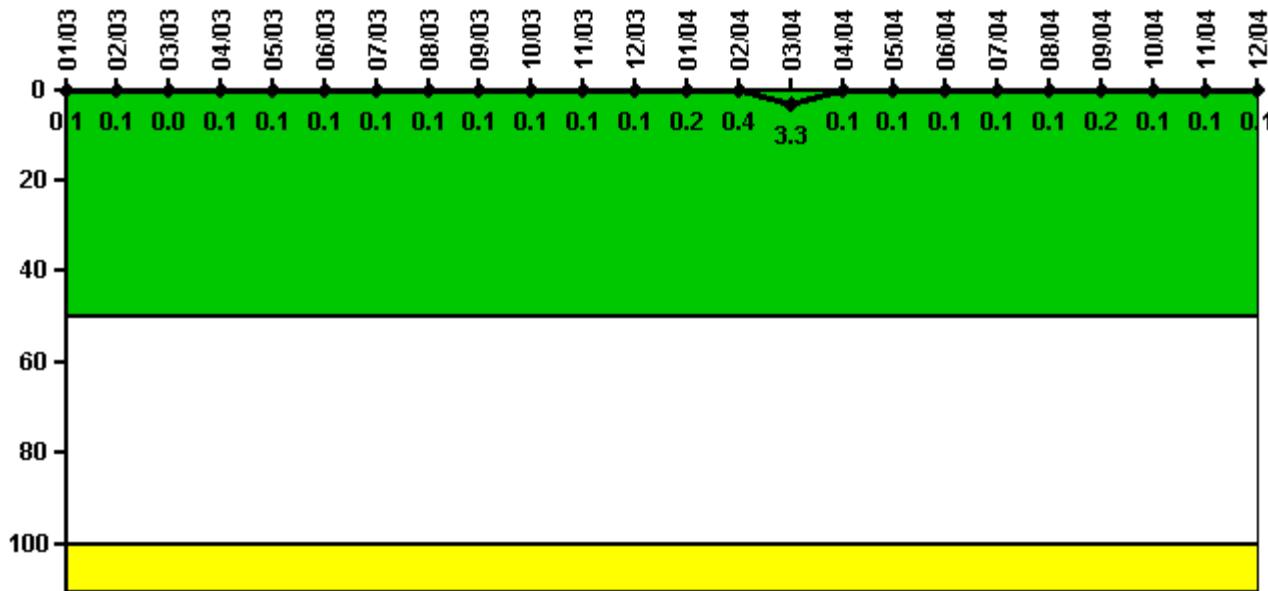
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Safety System Functional Failures	1	1	0	0	0	0	0	1
Indicator value	1	2	2	2	1	0	0	1

Licensee Comments: none

Reactor Coolant System Activity



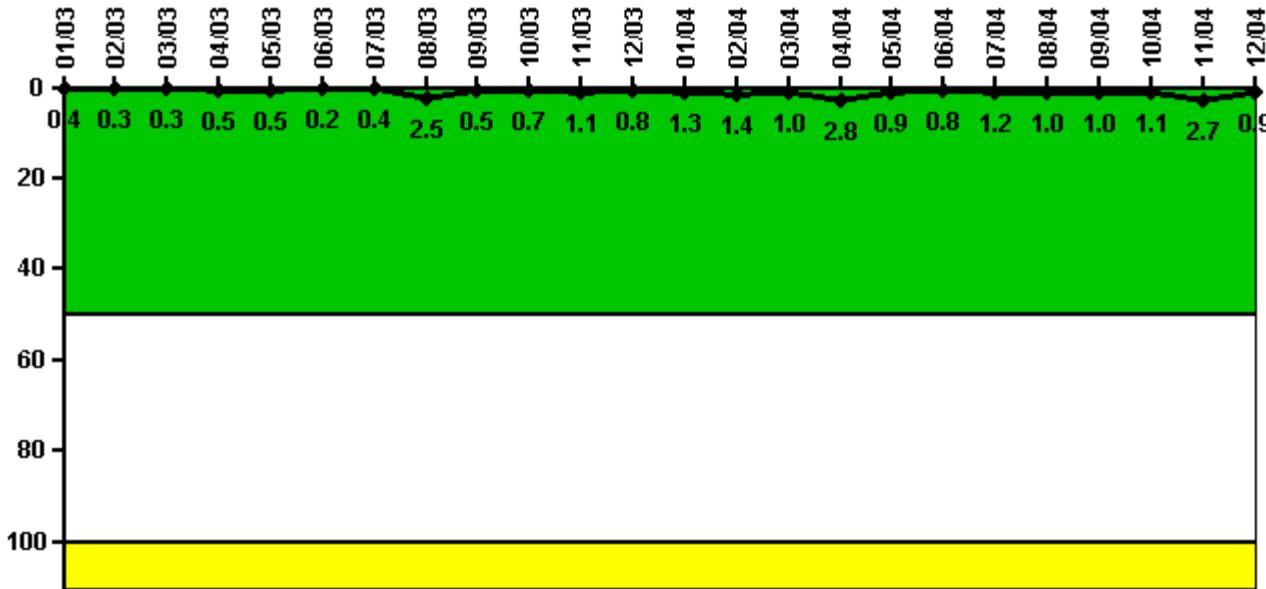
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum activity	0.000660	0.000590	0.000470	0.000580	0.000890	0.000970	0.001280	0.000830	0.001020	0.001034	0.001338	0.001433
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.001563	0.003975	0.032820	0.000522	0.001160	0.000589	0.000646	0.000759	0.001617	0.000749	0.000787	0.000841
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.4	3.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



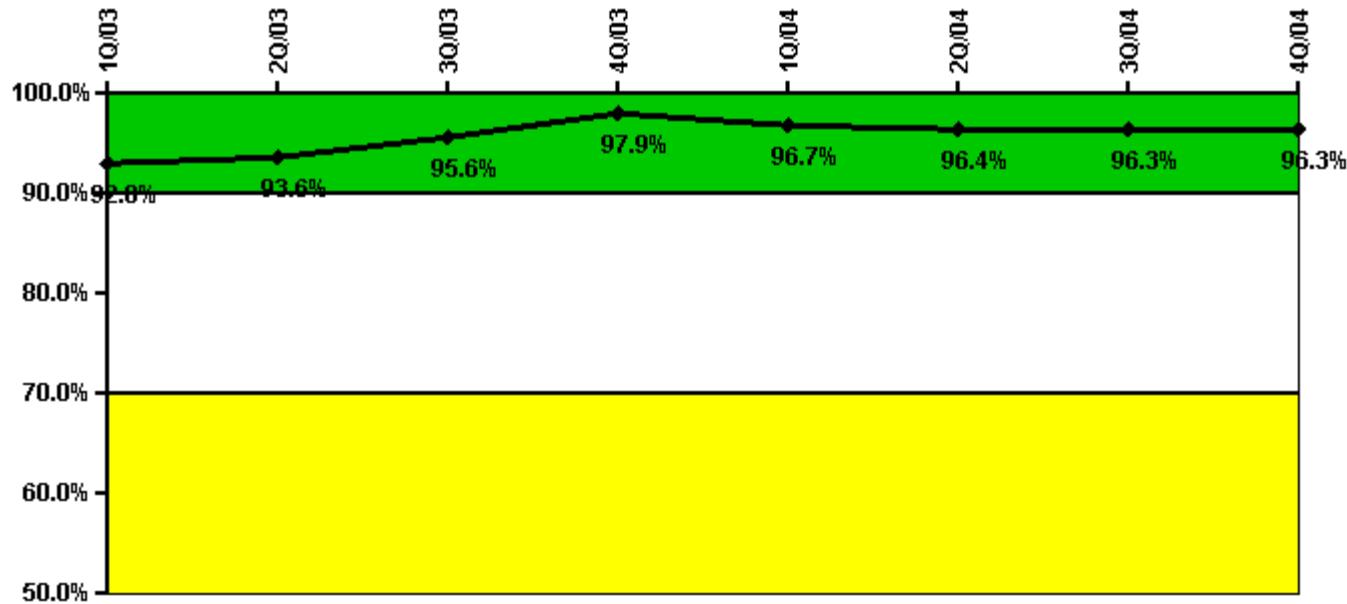
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03
Maximum leakage	0.042	0.026	0.033	0.054	0.047	0.018	0.040	0.247	0.053	0.068	0.111	0.084
Indicator value	0.4	0.3	0.3	0.5	0.5	0.2	0.4	2.5	0.5	0.7	1.1	0.8
Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.125	0.143	0.095	0.284	0.086	0.078	0.118	0.104	0.099	0.105	0.272	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.4	1.0	2.8	0.9	0.8	1.2	1.0	1.0	1.1	2.7	0.9

Licensee Comments: none

Drill/Exercise Performance



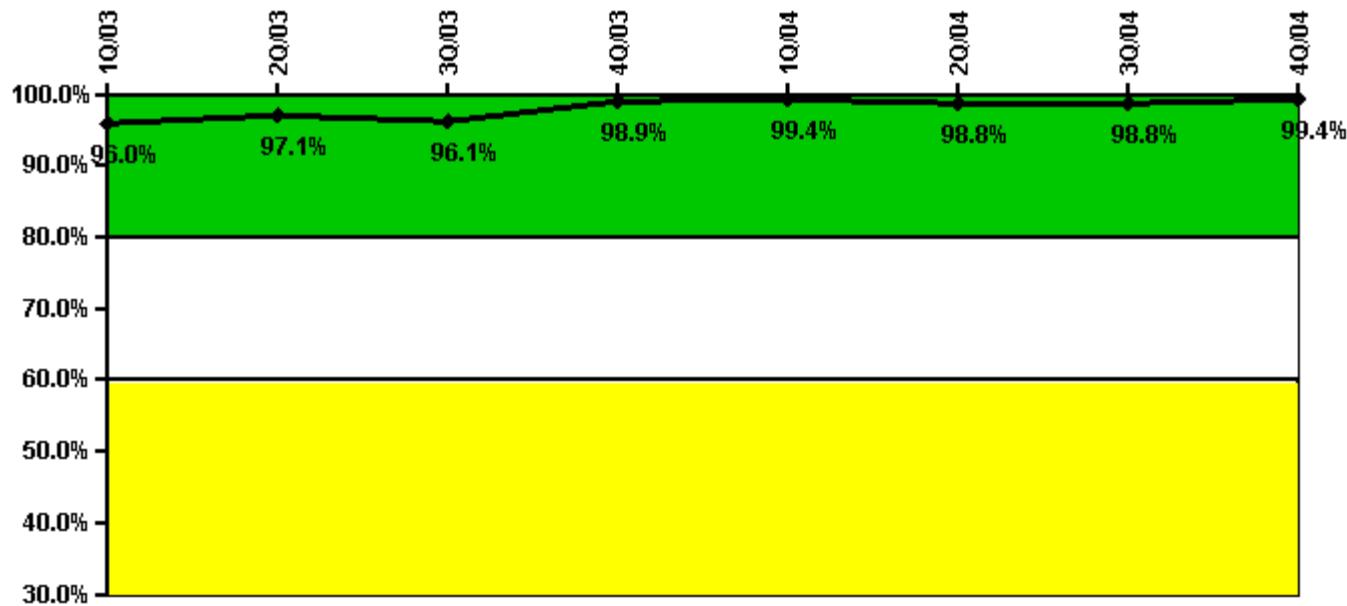
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	13.0	26.0	10.0	58.0	13.0	23.0	0	13.0
Total opportunities	14.0	26.0	10.0	59.0	16.0	24.0	0	13.0
Indicator value	92.8%	93.6%	95.6%	97.9%	96.7%	96.4%	96.3%	96.3%

Licensee Comments: none

ERO Drill Participation



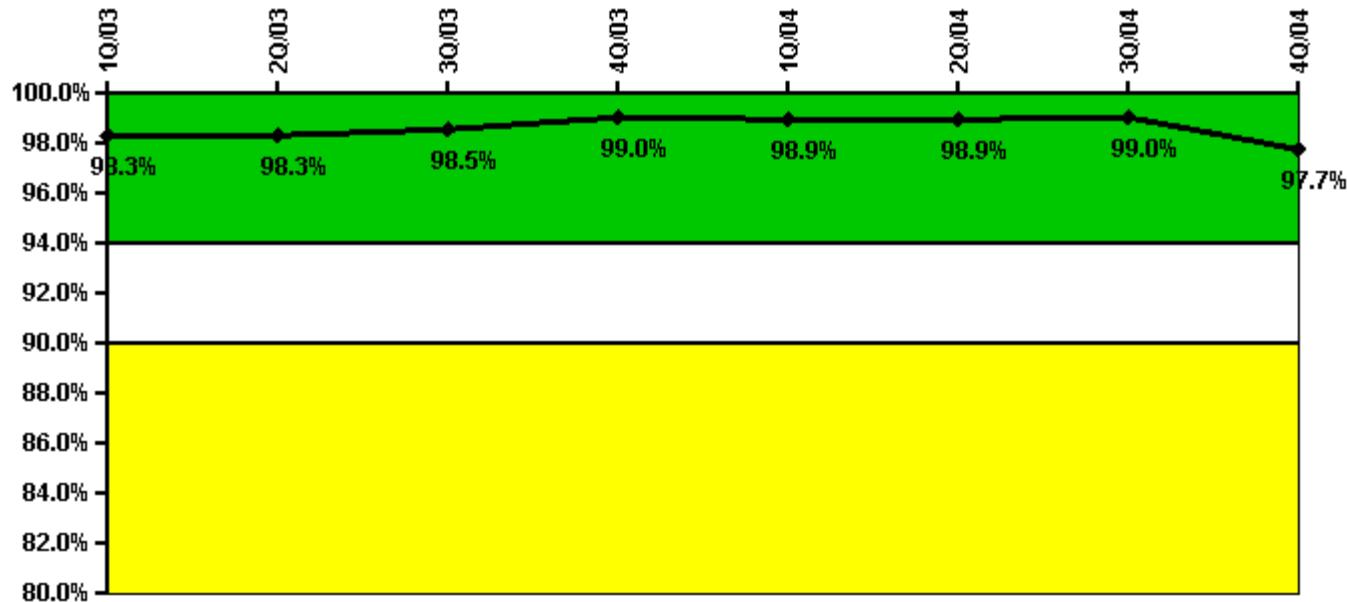
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	167.0	169.0	171.0	174.0	173.0	170.0	169.0	168.0
Total Key personnel	174.0	174.0	178.0	176.0	174.0	172.0	171.0	169.0
Indicator value	96.0%	97.1%	96.1%	98.9%	99.4%	98.8%	98.8%	99.4%

Licensee Comments: none

Alert & Notification System



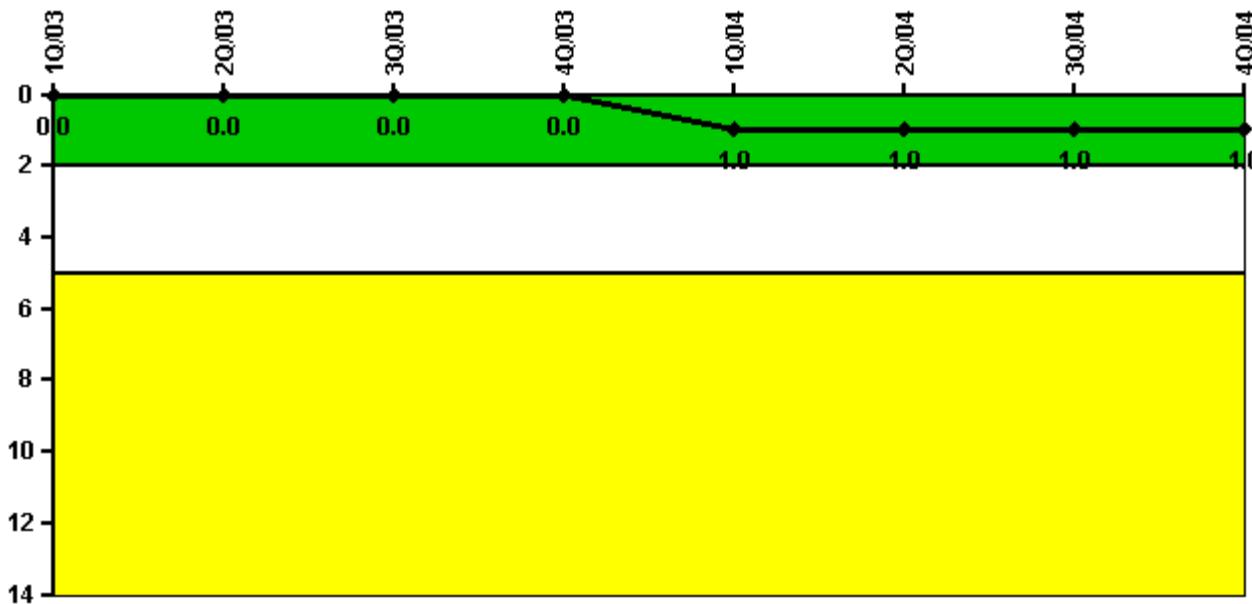
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	1720	1796	1845	1727	1788	1794	1868	1682
Total sirens-tests	1730	1809	1860	1759	1809	1809	1876	1809
Indicator value	98.3%	98.3%	98.5%	99.0%	98.9%	98.9%	99.0%	97.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

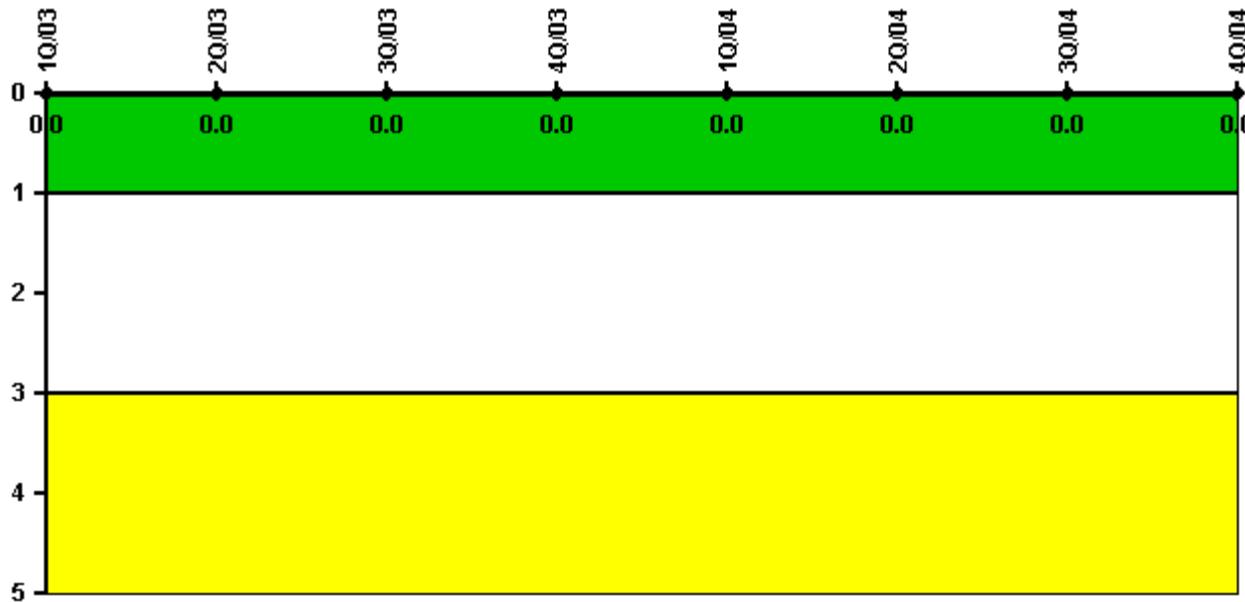


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

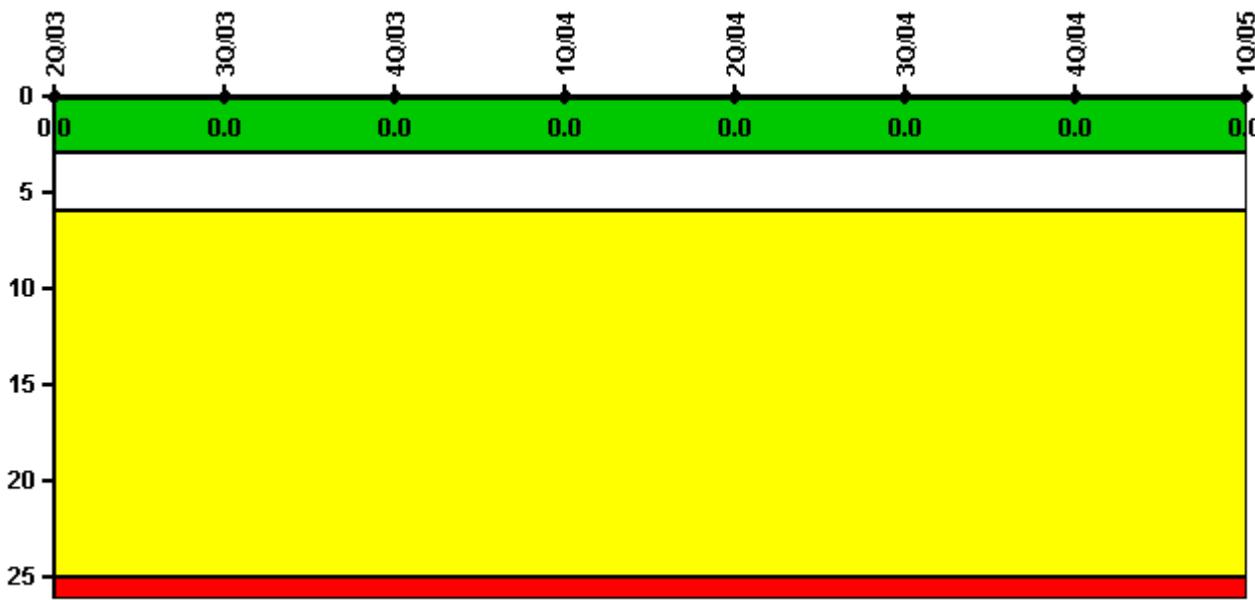


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 9, 2005

McGuire 1**1Q/2005 Performance Indicators**

Licensee's General Comments: none

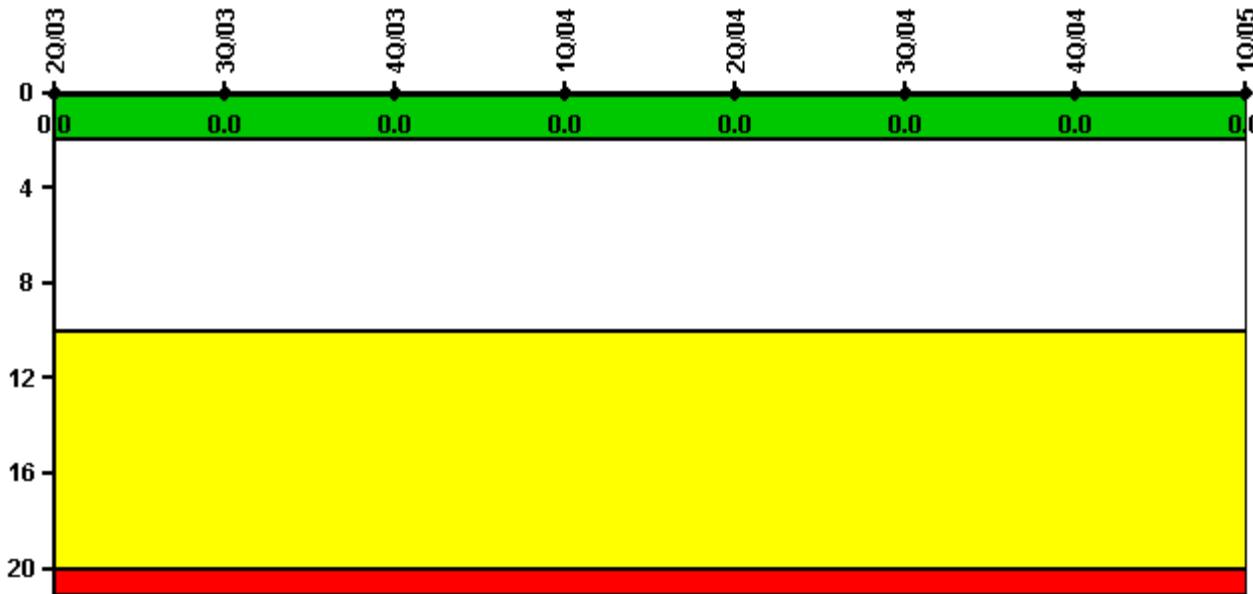
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1565.2	1932.9	2208.0	1640.6	2160.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

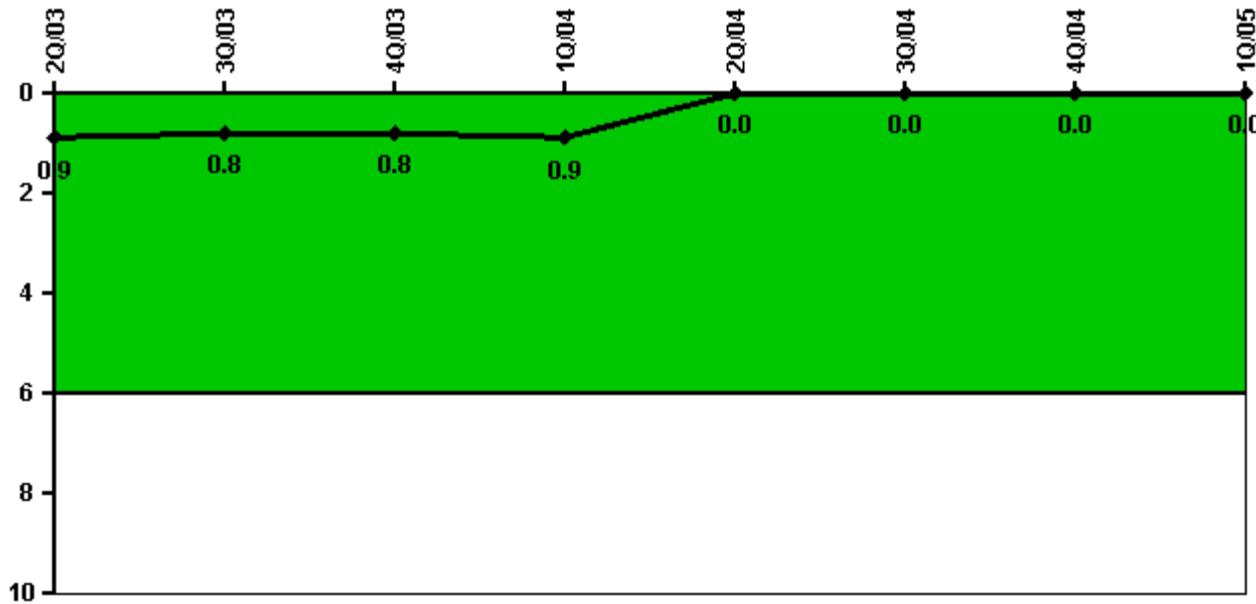
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

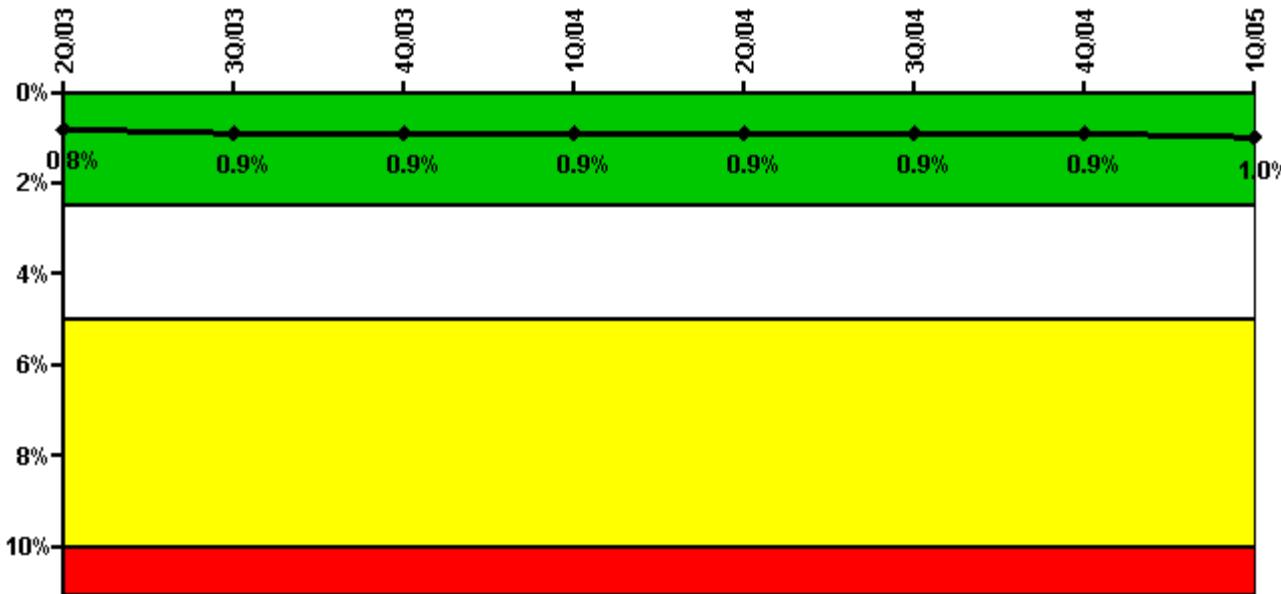
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1565.2	1932.9	2208.0	1640.6	2160.0
Indicator value	0.9	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



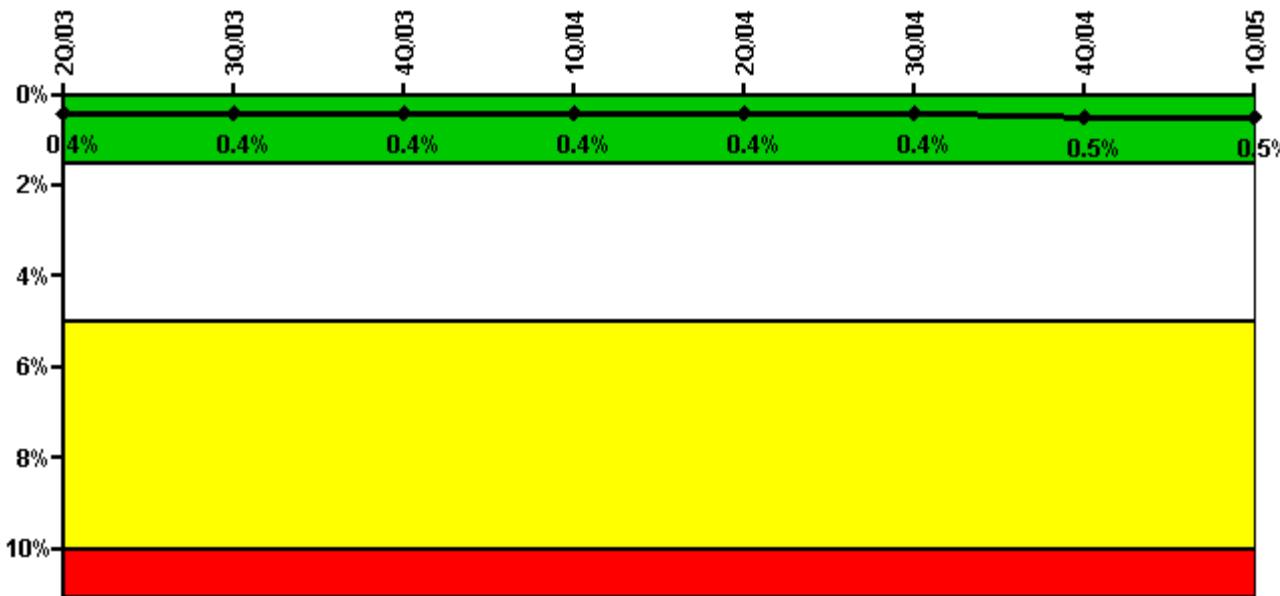
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	22.60	21.05	15.52	15.55	15.28	20.26	5.09	16.00
Unplanned unavailable hours	0	0	0	0	0.10	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	20.25	18.86	24.82	17.53	18.28	21.07	18.58	21.98
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.8%	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



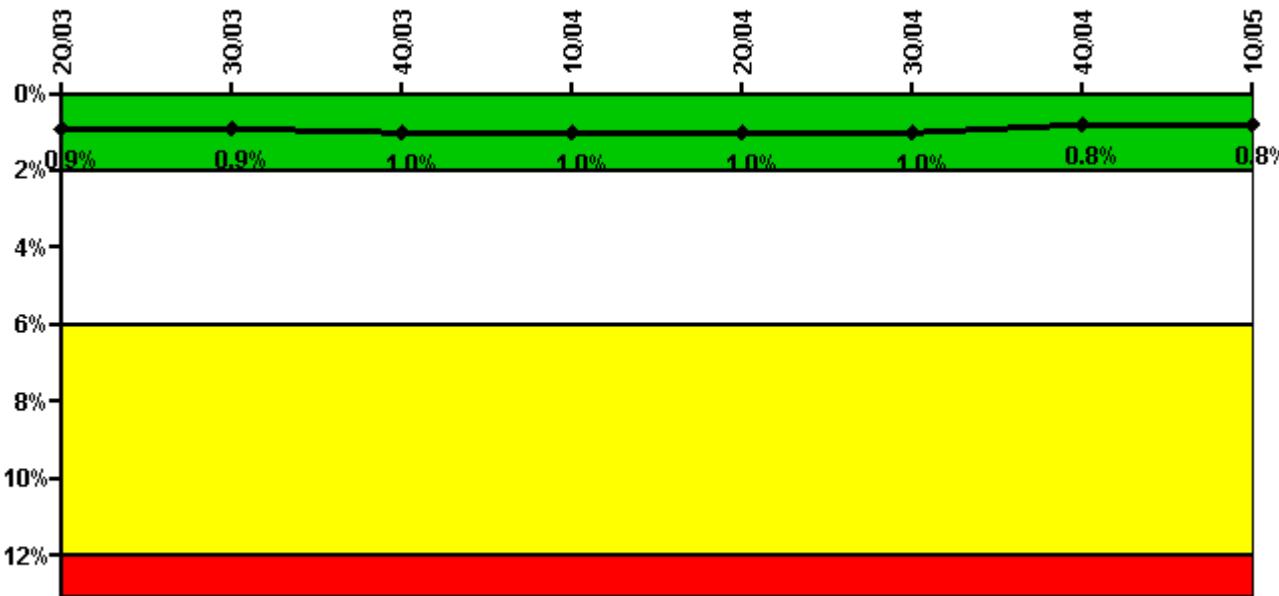
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	4.33	2.66	4.22	10.18	2.27	21.61	10.58	1.93
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1570.25	2022.28	2208.00	1744.43	2160.00
Train 2								
Planned unavailable hours	2.37	4.33	9.48	2.30	8.27	10.25	23.09	26.51
Unplanned unavailable hours	0	0	0	0	0	7.60	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1575.62	2046.34	2208.00	1720.90	2160.00
Train 3								
Planned unavailable hours	7.08	16.54	6.51	3.32	4.02	20.87	10.85	11.06
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1570.25	2022.28	2208.00	1715.11	2160.00
Train 4								
Planned unavailable hours	2.93	11.60	4.63	32.88	8.48	3.72	8.71	19.51
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1570.25	2022.28	2208.00	1715.11	2160.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



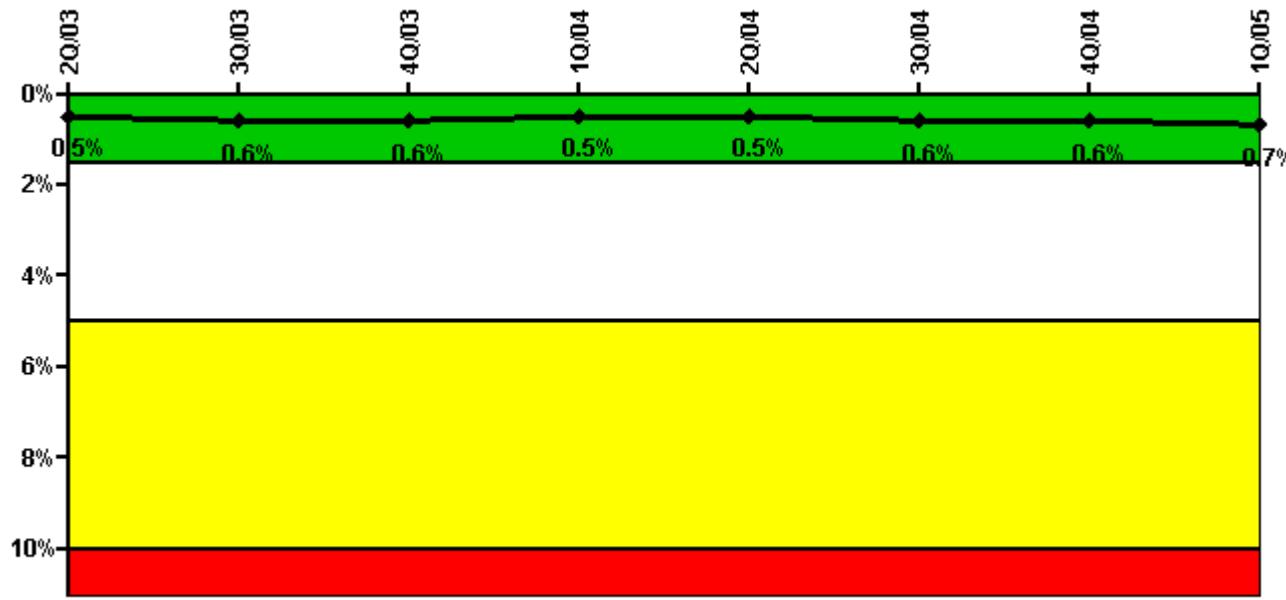
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	5.10	2.85	26.08	17.50	3.88	8.88	2.22	10.13
Unplanned unavailable hours	0	0	0	0	0	0	0	31.28
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00
Train 2								
Planned unavailable hours	3.12	16.70	4.97	15.45	9.57	3.62	17.09	20.98
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00
Train 3								
Planned unavailable hours	9.60	48.45	61.37	1.38	18.84	13.55	7.70	5.32
Unplanned unavailable hours	0	3.57	0	0	0	0	15.00	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00
Indicator value	0.9%	0.9%	1.0%	1.0%	1.0%	1.0%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

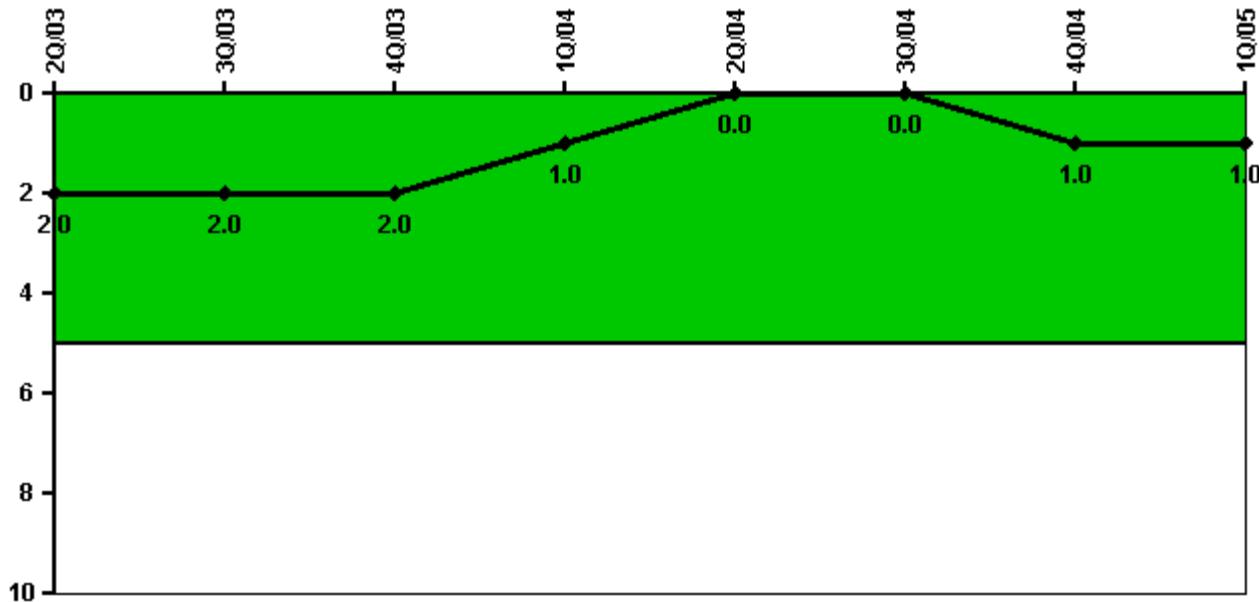


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Train 1								
Planned unavailable hours	4.00	13.90	11.80	2.00	2.00	25.68	1.17	27.72
Unplanned unavailable hours	0	0	0	0	0	0	14.28	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	11.60	17.00	16.98	13.42	34.37	5.32	15.45	32.73
Unplanned unavailable hours	0	0	0	0	0	0	1.72	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

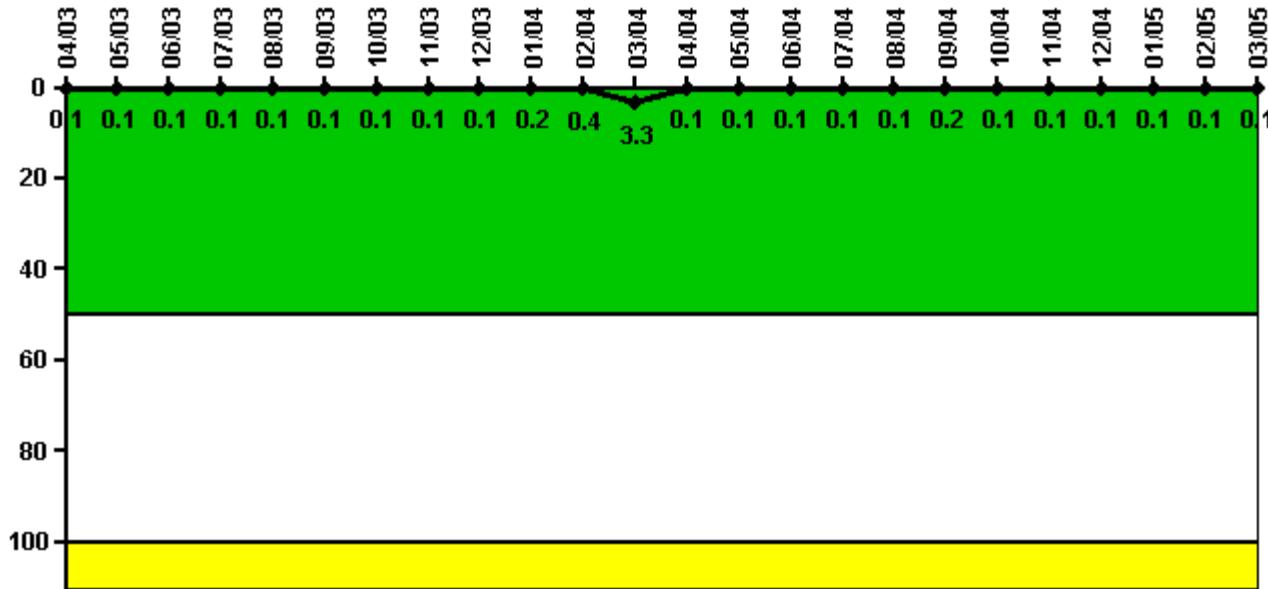
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Safety System Functional Failures	1	0	0	0	0	0	1	0
Indicator value	2	2	2	1	0	0	1	1

Licensee Comments: none

Reactor Coolant System Activity



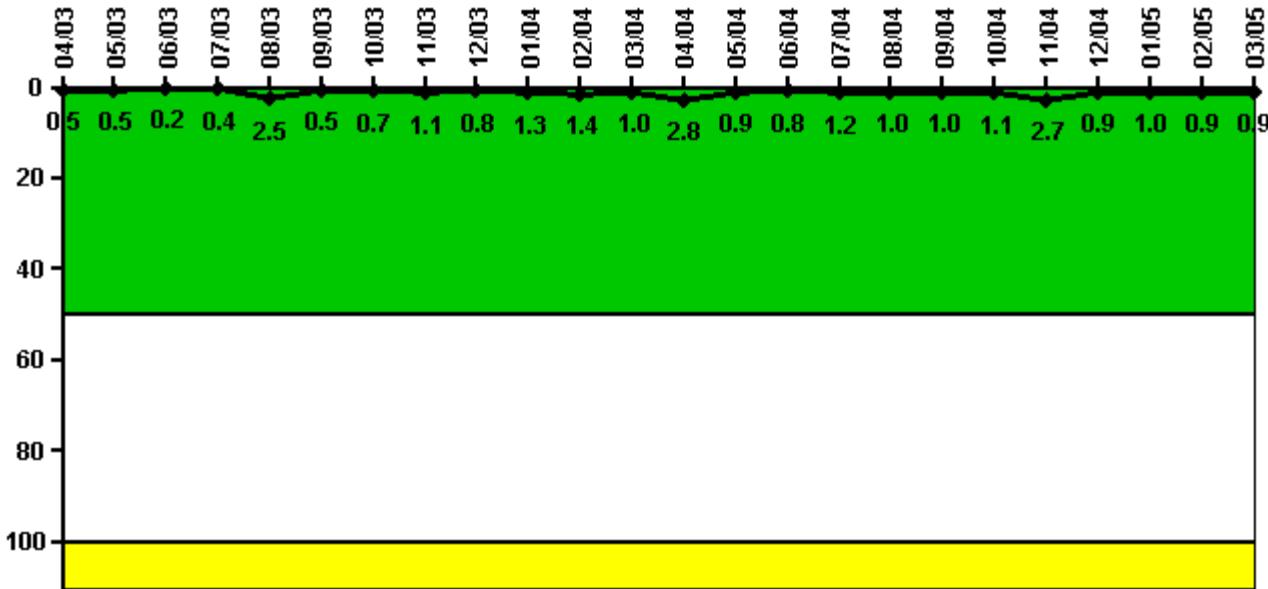
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum activity	0.000580	0.000890	0.000970	0.001280	0.000830	0.001020	0.001034	0.001338	0.001433	0.001563	0.003975	0.032820
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.4	3.3								
Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000522	0.001160	0.000589	0.000646	0.000759	0.001617	0.000749	0.000787	0.000841	0.000948	0.000843	0.000870
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



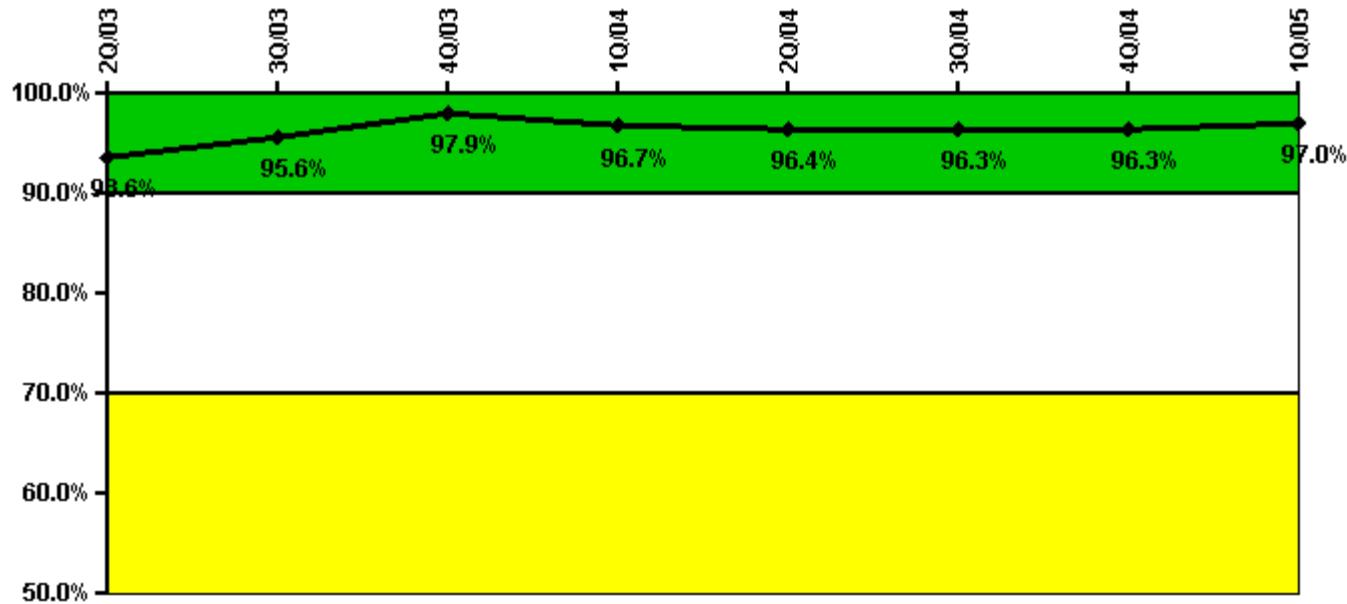
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/03	5/03	6/03	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04
Maximum leakage	0.054	0.047	0.018	0.040	0.247	0.053	0.068	0.111	0.084	0.125	0.143	0.095
Indicator value	0.5	0.5	0.2	0.4	2.5	0.5	0.7	1.1	0.8	1.3	1.4	1.0
Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.284	0.086	0.078	0.118	0.104	0.099	0.105	0.272	0.090	0.103	0.085	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	0.9	0.8	1.2	1.0	1.0	1.1	2.7	0.9	1.0	0.9	0.9

Licensee Comments: none

Drill/Exercise Performance



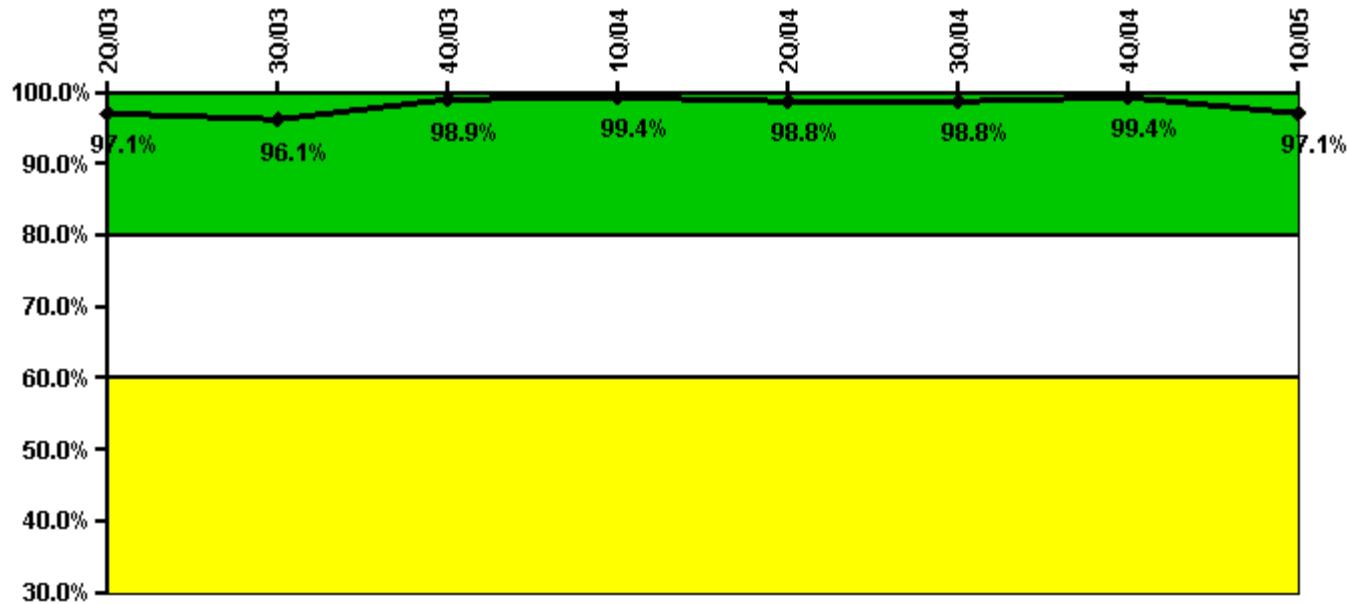
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful opportunities	26.0	10.0	58.0	13.0	23.0	0	13.0	17.0
Total opportunities	26.0	10.0	59.0	16.0	24.0	0	13.0	17.0
Indicator value	93.6%	95.6%	97.9%	96.7%	96.4%	96.3%	96.3%	97.0%

Licensee Comments: none

ERO Drill Participation



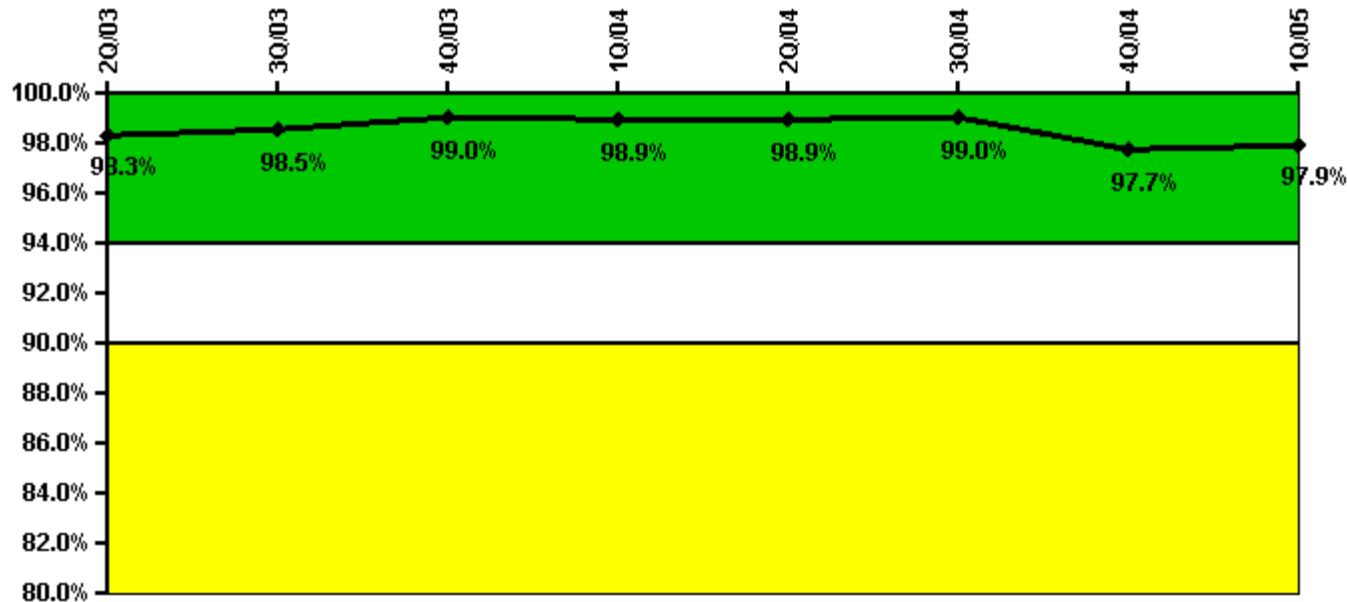
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Participating Key personnel	169.0	171.0	174.0	173.0	170.0	169.0	168.0	169.0
Total Key personnel	174.0	178.0	176.0	174.0	172.0	171.0	169.0	174.0
Indicator value	97.1%	96.1%	98.9%	99.4%	98.8%	98.8%	99.4%	97.1%

Licensee Comments: none

Alert & Notification System



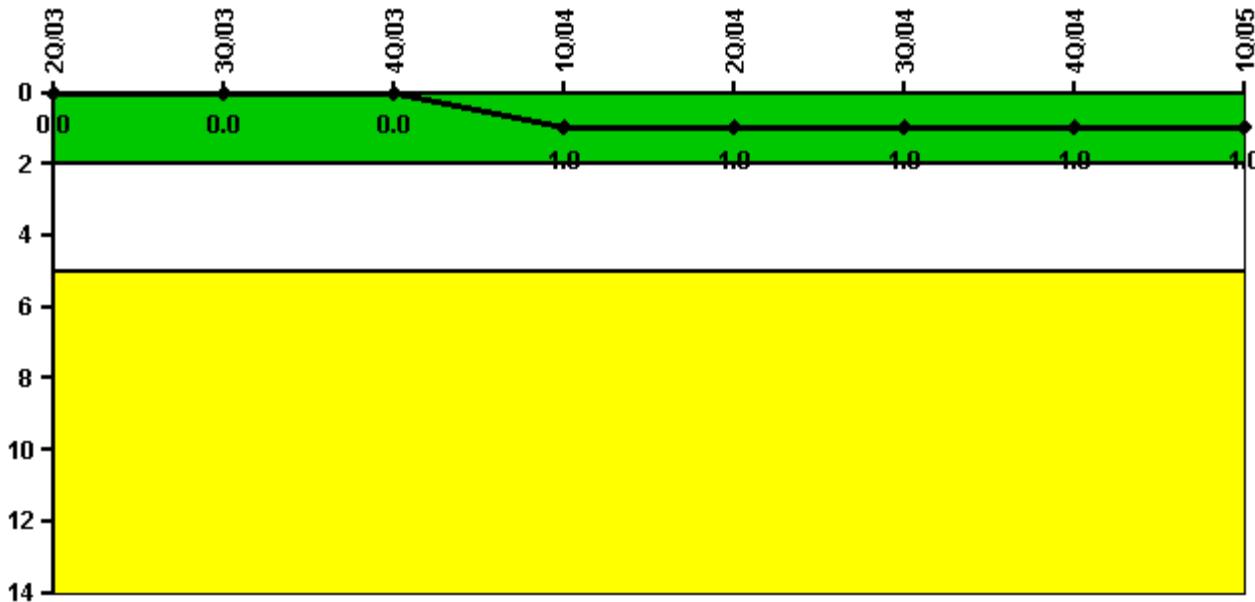
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
Successful siren-tests	1796	1845	1727	1788	1794	1868	1682	1804
Total sirens-tests	1809	1860	1759	1809	1809	1876	1809	1809
Indicator value	98.3%	98.5%	99.0%	98.9%	98.9%	99.0%	97.7%	97.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

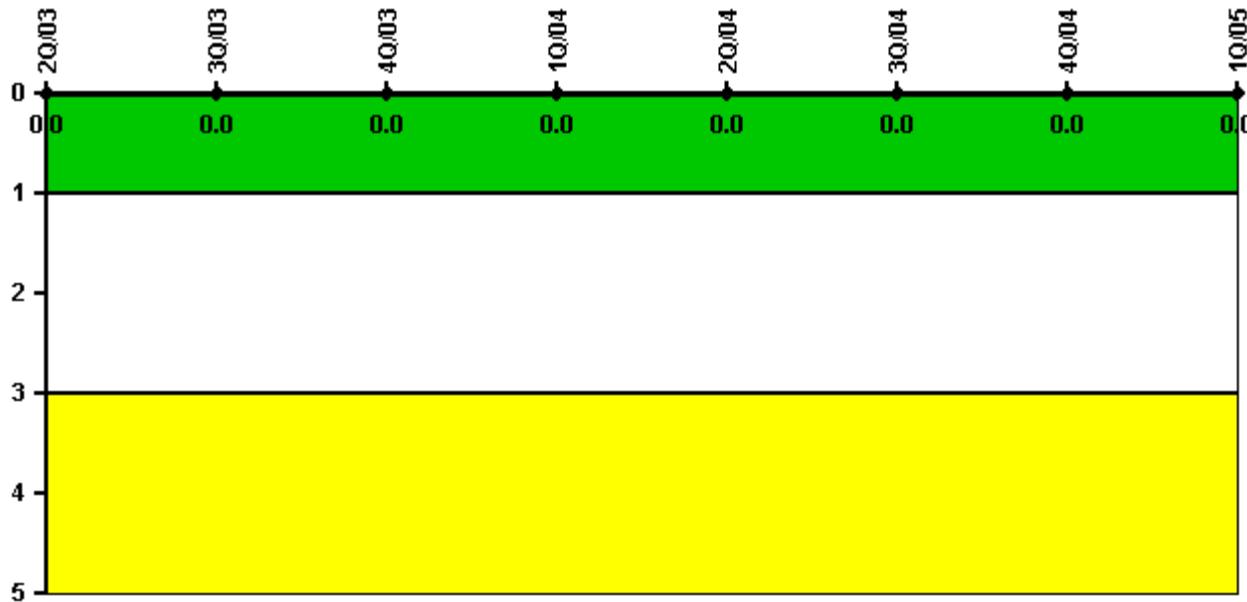


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
High radiation area occurrences	0	0	0	1	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	1	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.

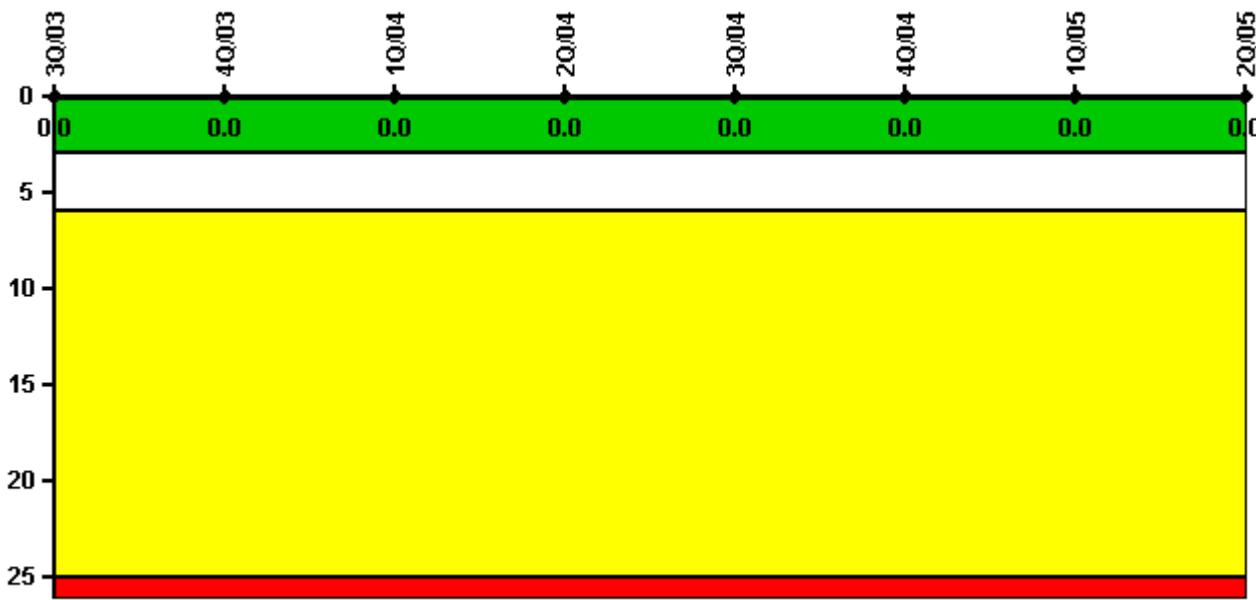


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: June 17, 2005

McGuire 1**2Q/2005 Performance Indicators**

Licensee's General Comments: none

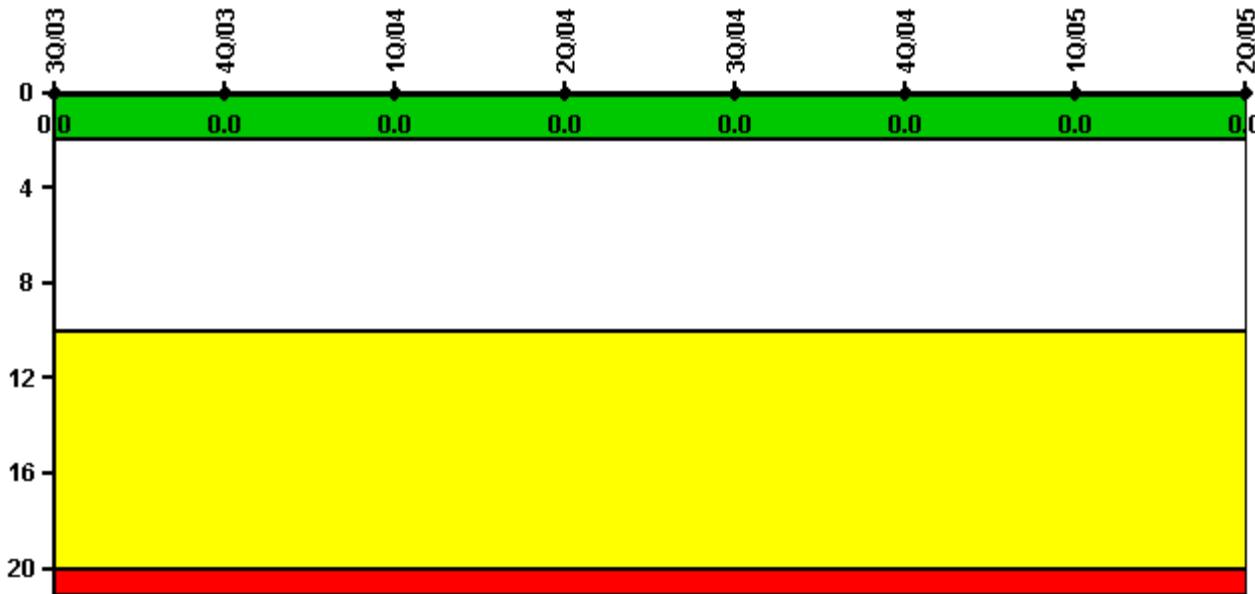
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1565.2	1932.9	2208.0	1640.6	2160.0	2183.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

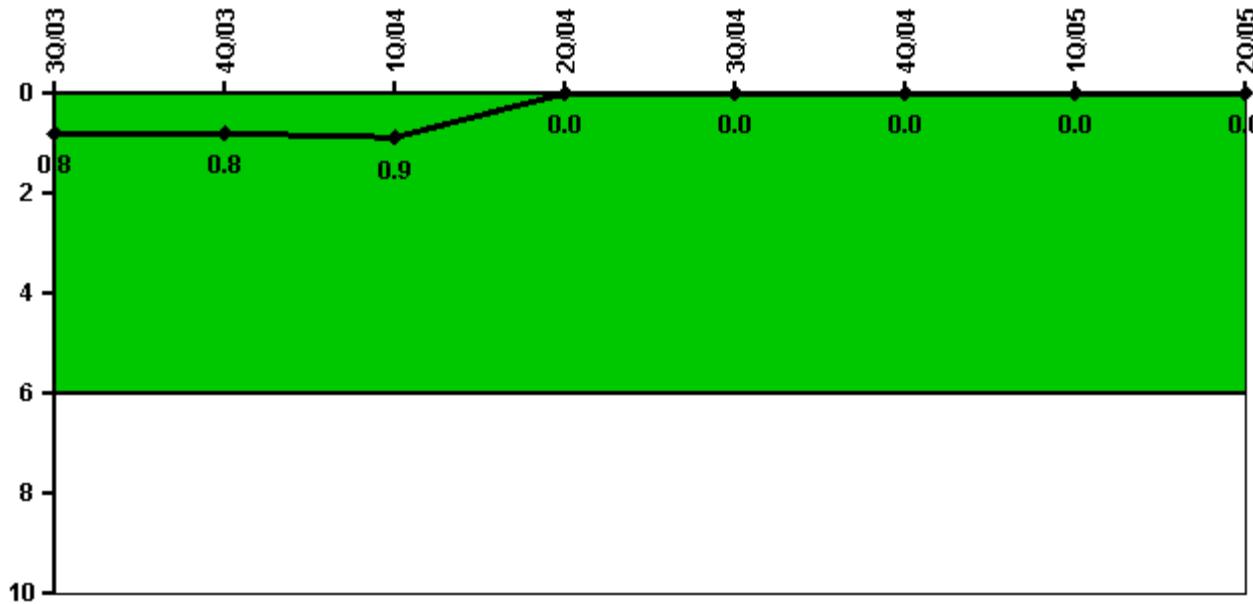
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



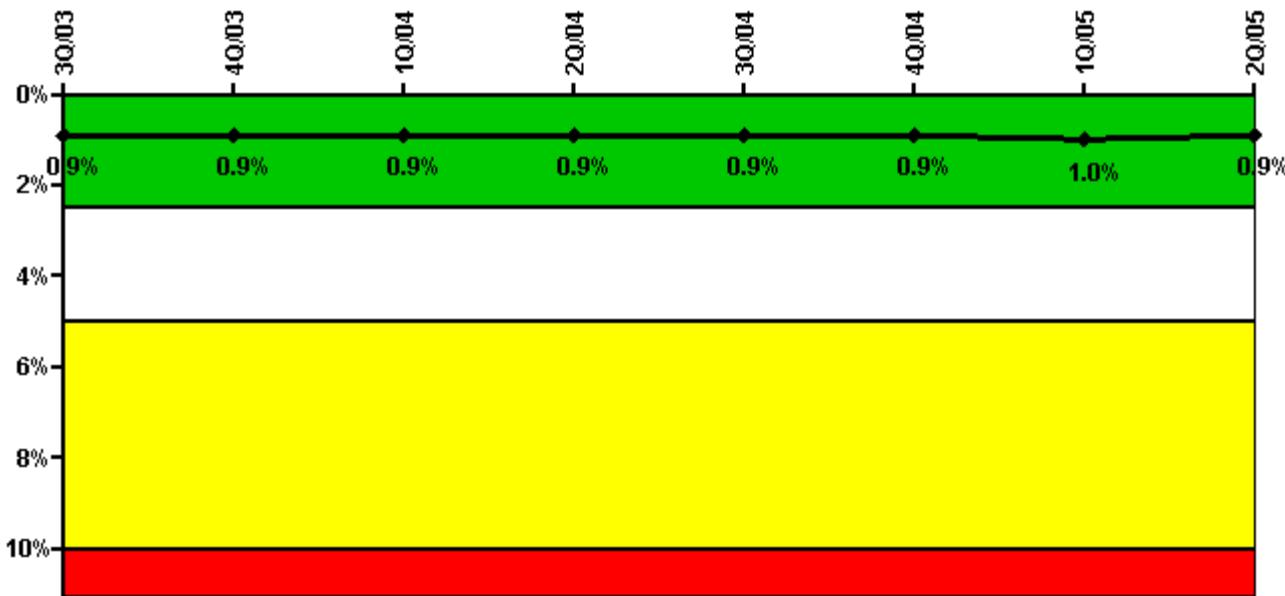
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1565.2	1932.9	2208.0	1640.6	2160.0	2183.0
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



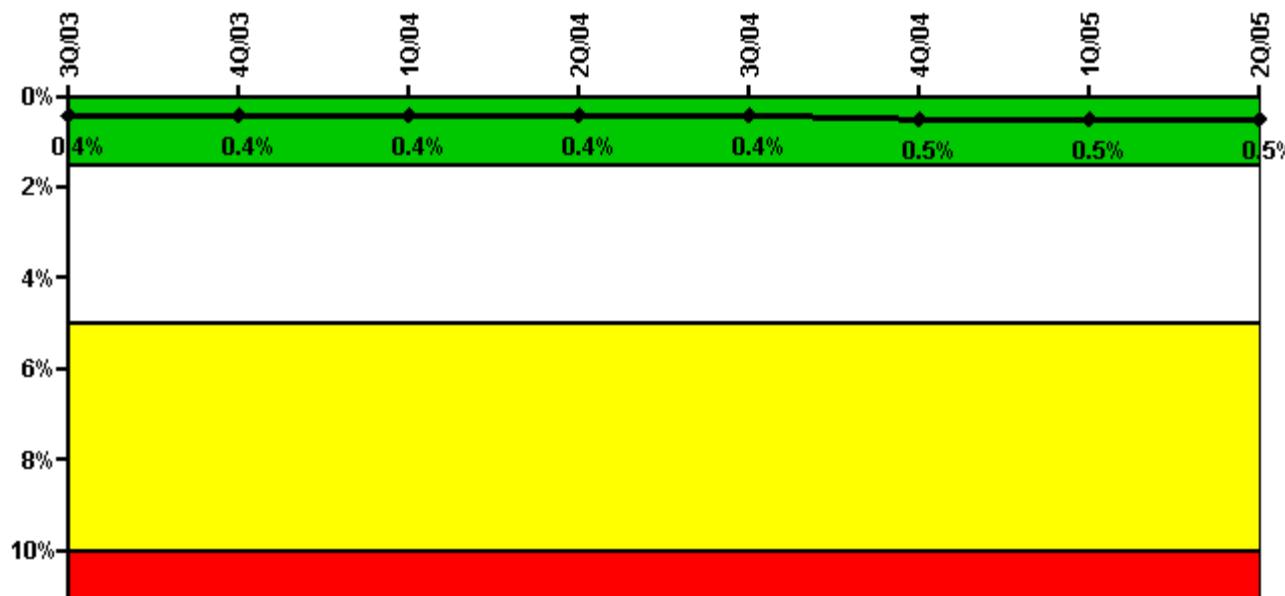
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	21.05	15.52	15.55	15.28	20.26	5.09	16.00	21.51
Unplanned unavailable hours	0	0	0	0.10	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	18.86	24.82	17.53	18.28	21.07	18.58	21.98	16.09
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.9%	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



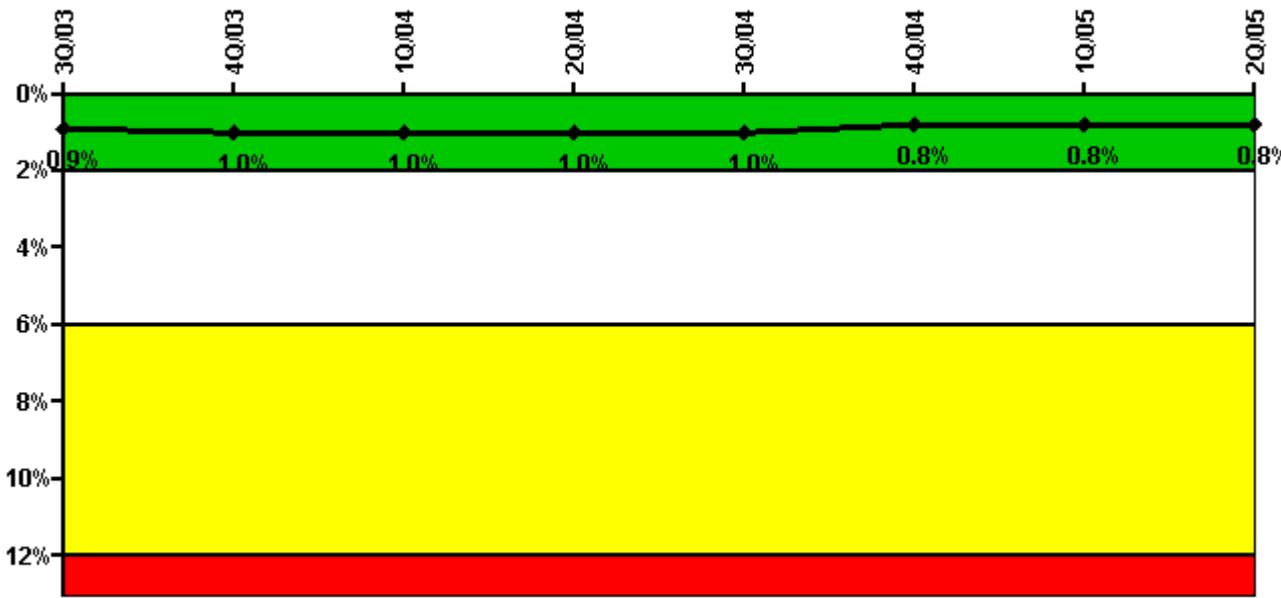
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	2.66	4.22	10.18	2.27	21.61	10.58	1.93	8.50
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1570.25	2022.28	2208.00	1744.43	2160.00	2183.00
Train 2								
Planned unavailable hours	4.33	9.48	2.30	8.27	10.25	23.09	26.51	2.93
Unplanned unavailable hours	0	0	0	0	7.60	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1575.62	2046.34	2208.00	1720.90	2160.00	2183.00
Train 3								
Planned unavailable hours	16.54	6.51	3.32	4.02	20.87	10.85	11.06	36.23
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1570.25	2022.28	2208.00	1715.11	2160.00	2183.00
Train 4								
Planned unavailable hours	11.60	4.63	32.88	8.48	3.72	8.71	19.51	15.82
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	1570.25	2022.28	2208.00	1715.11	2160.00	2183.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



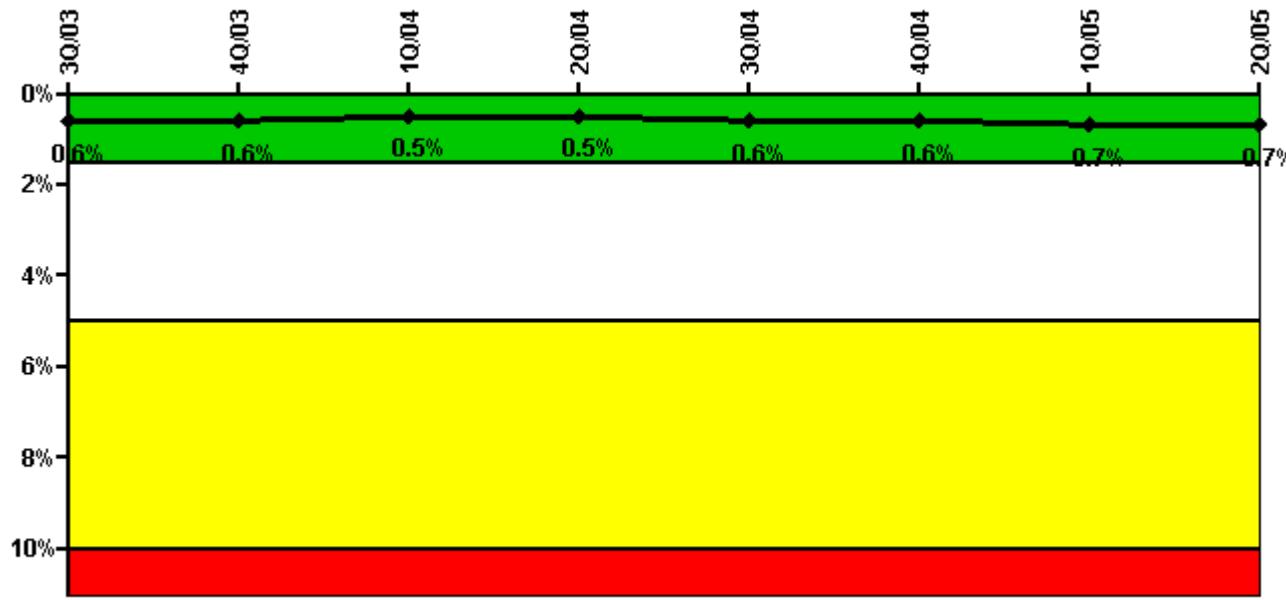
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1									
Planned unavailable hours		2.85	26.08	17.50	3.88	8.88	2.22	10.13	33.45
Unplanned unavailable hours		0	0	0	0	0	0	31.28	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00
Train 2									
Planned unavailable hours		16.70	4.97	15.45	9.57	3.62	17.09	20.98	14.78
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00
Train 3									
Planned unavailable hours		48.45	61.37	1.38	18.84	13.55	7.70	5.32	24.37
Unplanned unavailable hours		3.57	0	0	0	0	15.00	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2208.00	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00
Indicator value		0.9%	1.0%	1.0%	1.0%	1.0%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

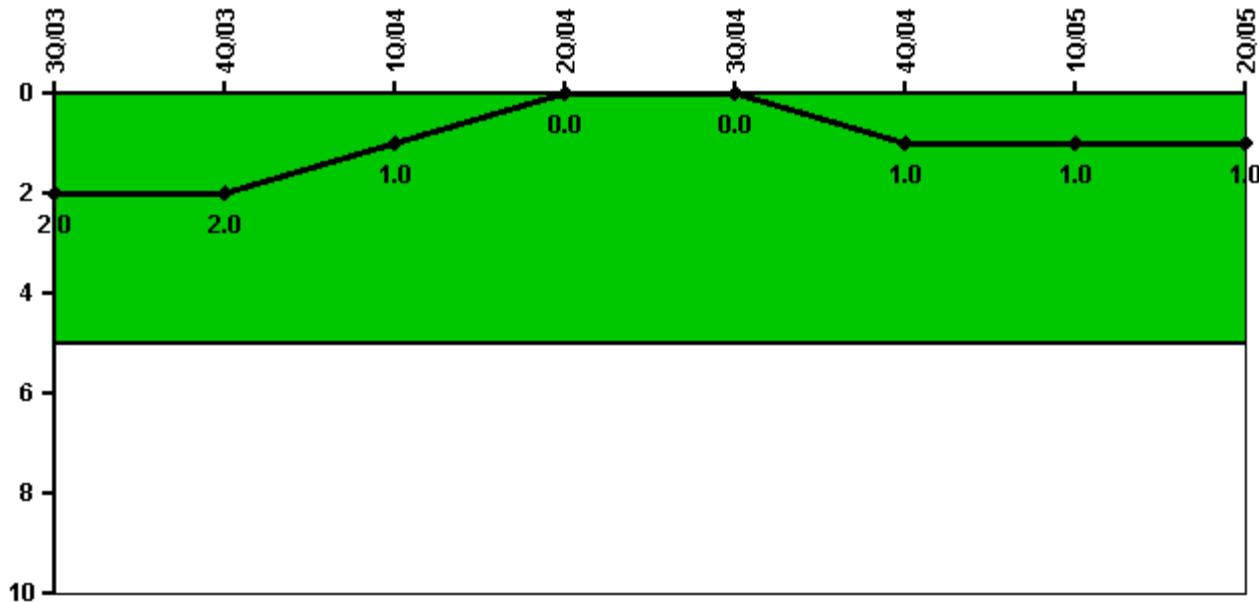


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Train 1								
Planned unavailable hours	13.90	11.80	2.00	2.00	25.68	1.17	27.72	3.78
Unplanned unavailable hours	0	0	0	0	0	14.28	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Train 2								
Planned unavailable hours	17.00	16.98	13.42	34.37	5.32	15.45	32.73	22.32
Unplanned unavailable hours	0	0	0	0	0	1.72	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2208.00	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00
Indicator value	0.6%	0.6%	0.5%	0.5%	0.6%	0.6%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

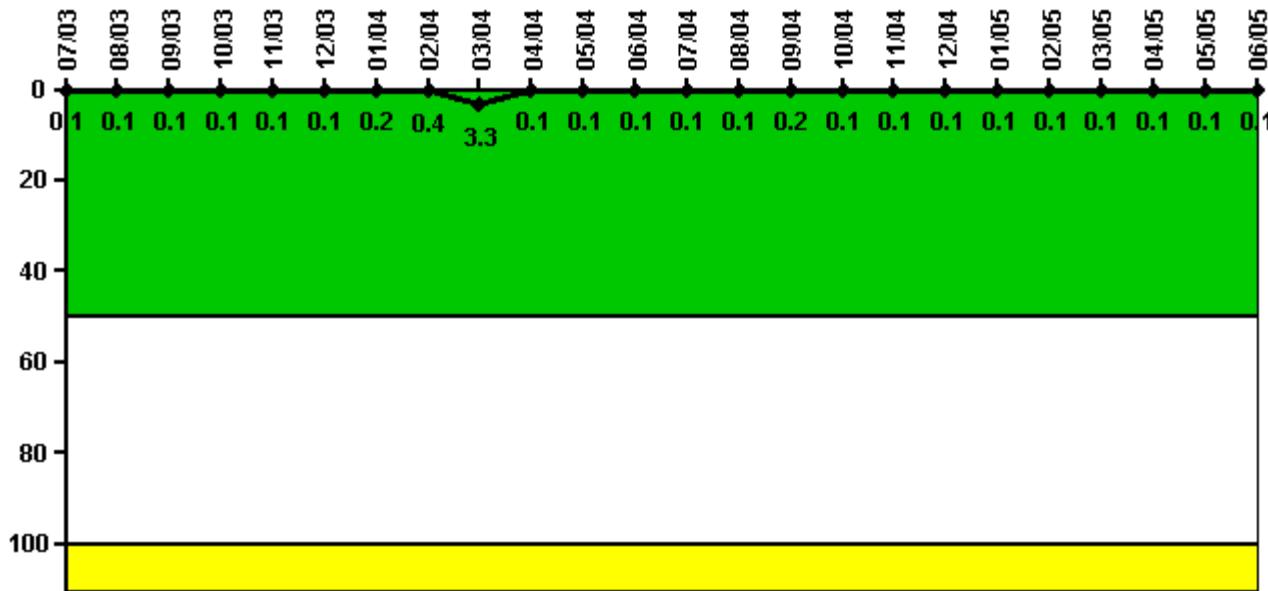
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Safety System Functional Failures	0	0	0	0	0	1	0	0
Indicator value	2	2	1	0	0	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



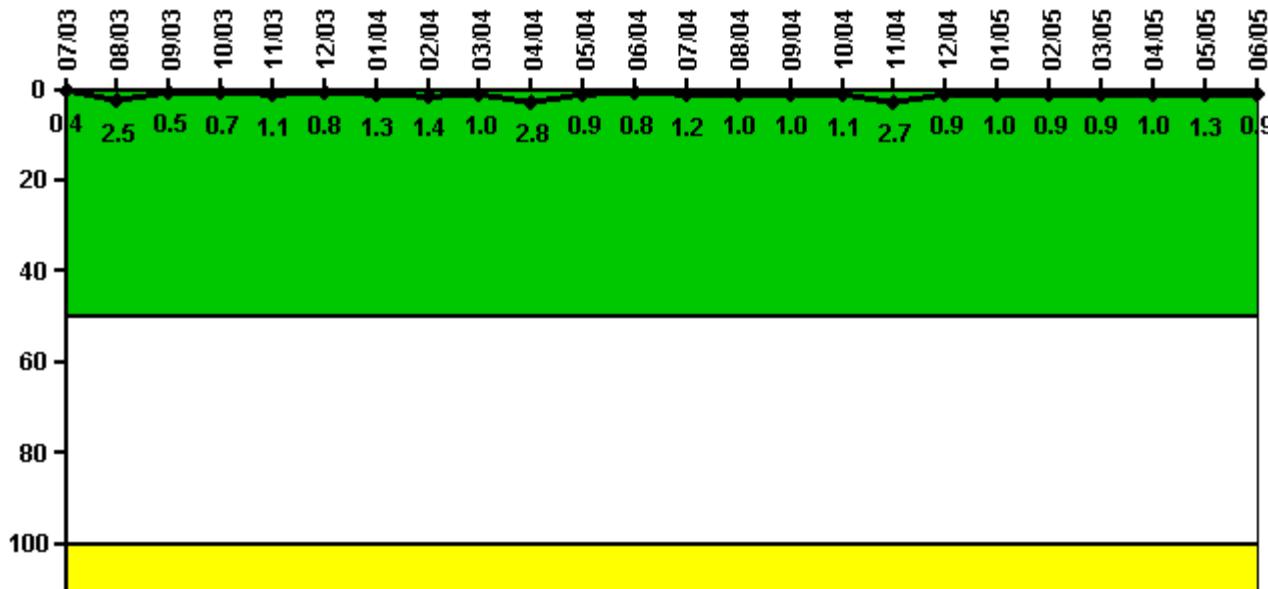
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum activity	0.001280	0.000830	0.001020	0.001034	0.001338	0.001433	0.001563	0.003975	0.032820	0.000522	0.001160	0.000589
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.4	3.3	0.1	0.1	0.1
Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000646	0.000759	0.001617	0.000749	0.000787	0.000841	0.000948	0.000843	0.000870	0.001060	0.000930	0.000962
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



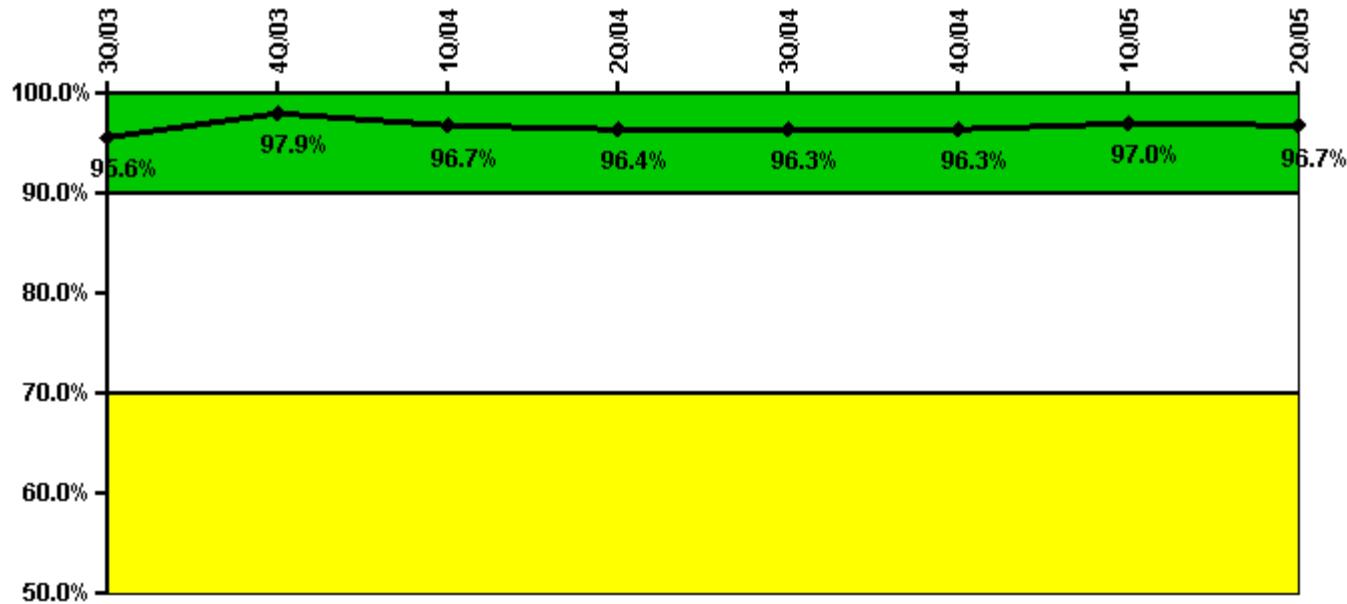
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/03	8/03	9/03	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04
Maximum leakage	0.040	0.247	0.053	0.068	0.111	0.084	0.125	0.143	0.095	0.284	0.086	0.078
Indicator value	0.4	2.5	0.5	0.7	1.1	0.8	1.3	1.4	1.0	2.8	0.9	0.8
Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.118	0.104	0.099	0.105	0.272	0.090	0.103	0.085	0.089	0.100	0.131	0.091
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.0	1.0	1.1	2.7	0.9	1.0	0.9	0.9	1.0	1.3	0.9

Licensee Comments: none

Drill/Exercise Performance



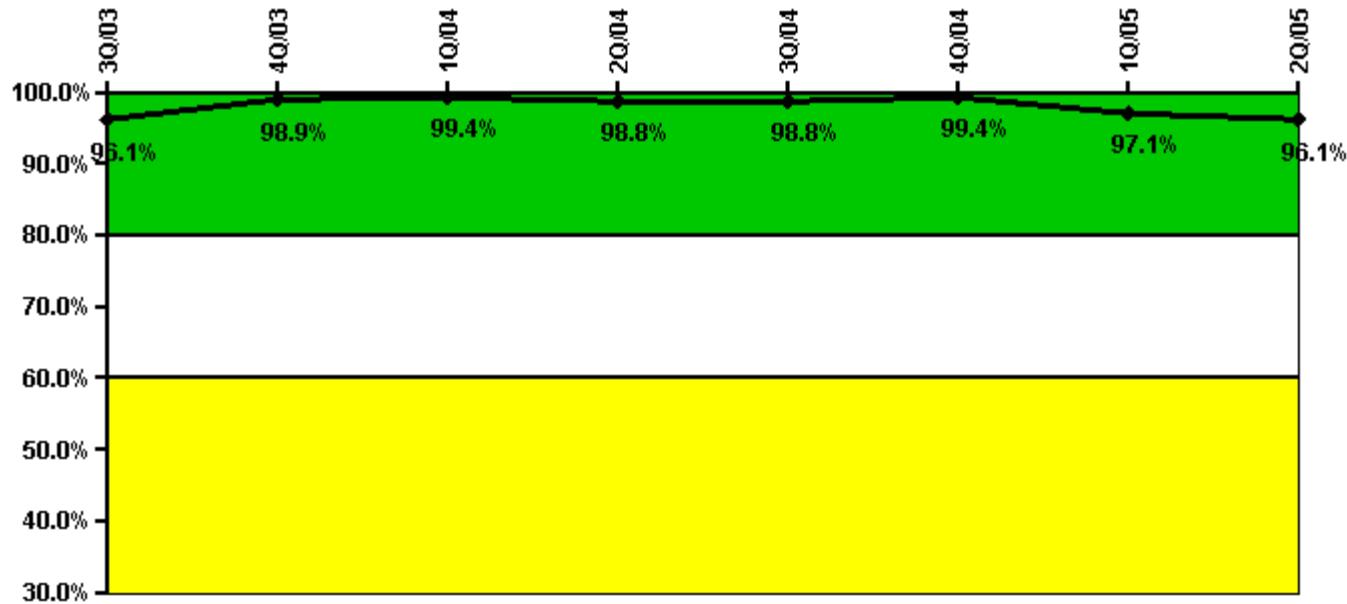
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful opportunities	10.0	58.0	13.0	23.0	0	13.0	17.0	11.0
Total opportunities	10.0	59.0	16.0	24.0	0	13.0	17.0	11.0
Indicator value	95.6%	97.9%	96.7%	96.4%	96.3%	96.3%	97.0%	96.7%

Licensee Comments: none

ERO Drill Participation



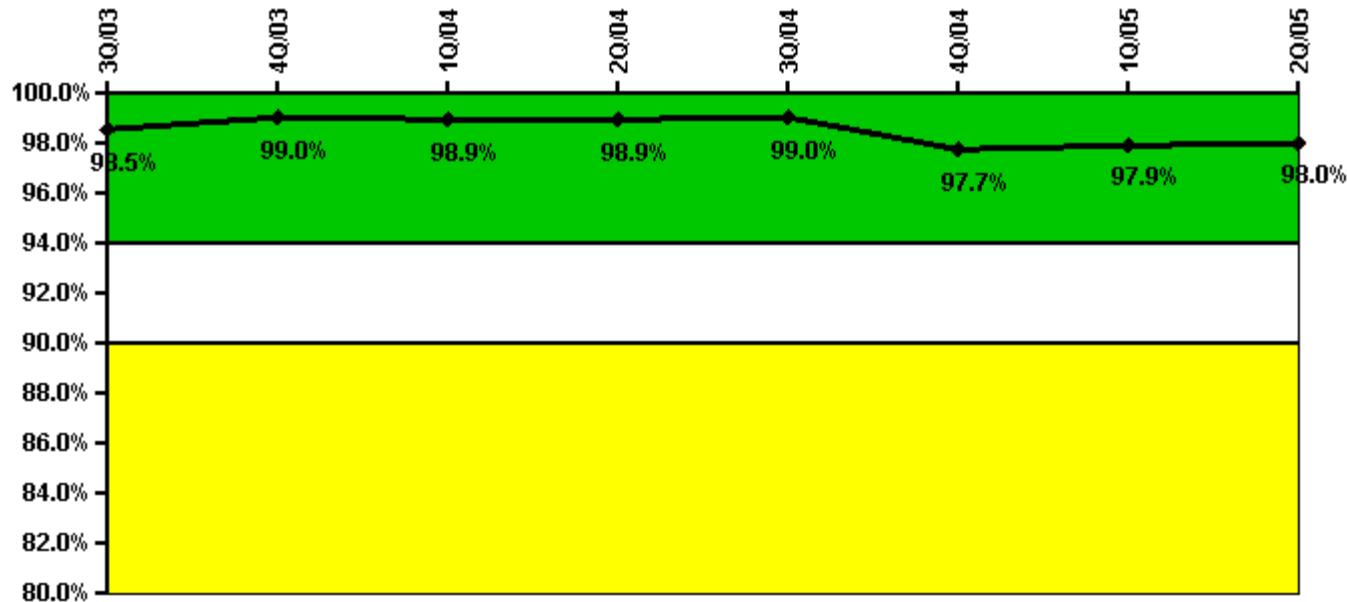
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Participating Key personnel	171.0	174.0	173.0	170.0	169.0	168.0	169.0	171.0
Total Key personnel	178.0	176.0	174.0	172.0	171.0	169.0	174.0	178.0
Indicator value	96.1%	98.9%	99.4%	98.8%	98.8%	99.4%	97.1%	96.1%

Licensee Comments: none

Alert & Notification System



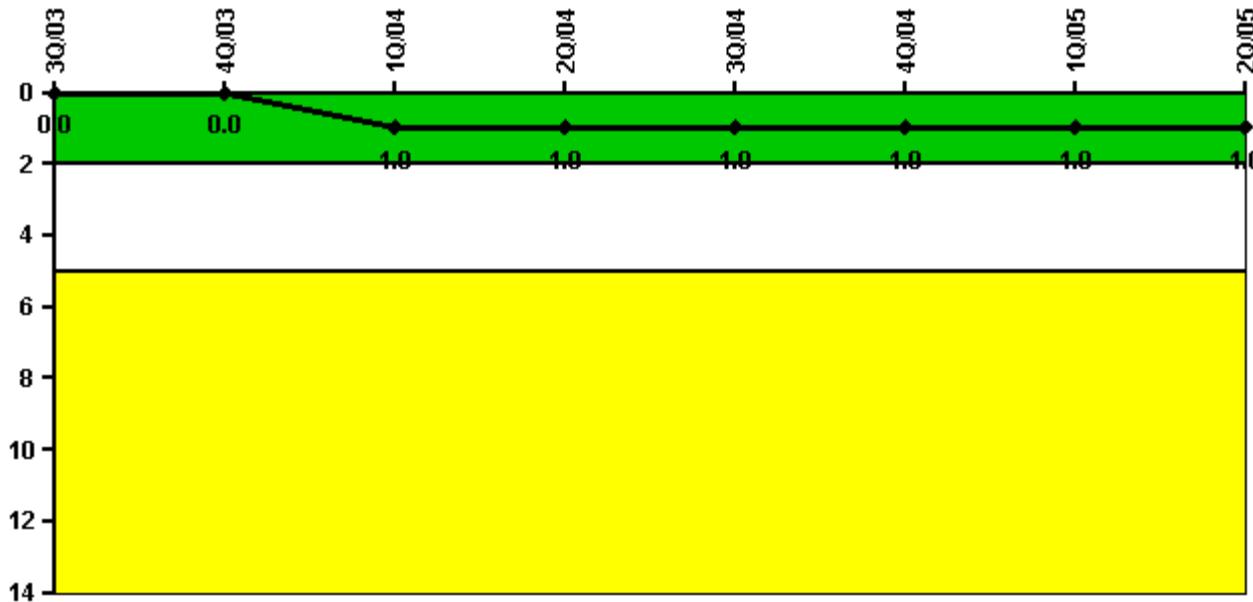
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
Successful siren-tests	1845	1727	1788	1794	1868	1682	1804	1803
Total sirens-tests	1860	1759	1809	1809	1876	1809	1809	1809
Indicator value	98.5%	99.0%	98.9%	98.9%	99.0%	97.7%	97.9%	98.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

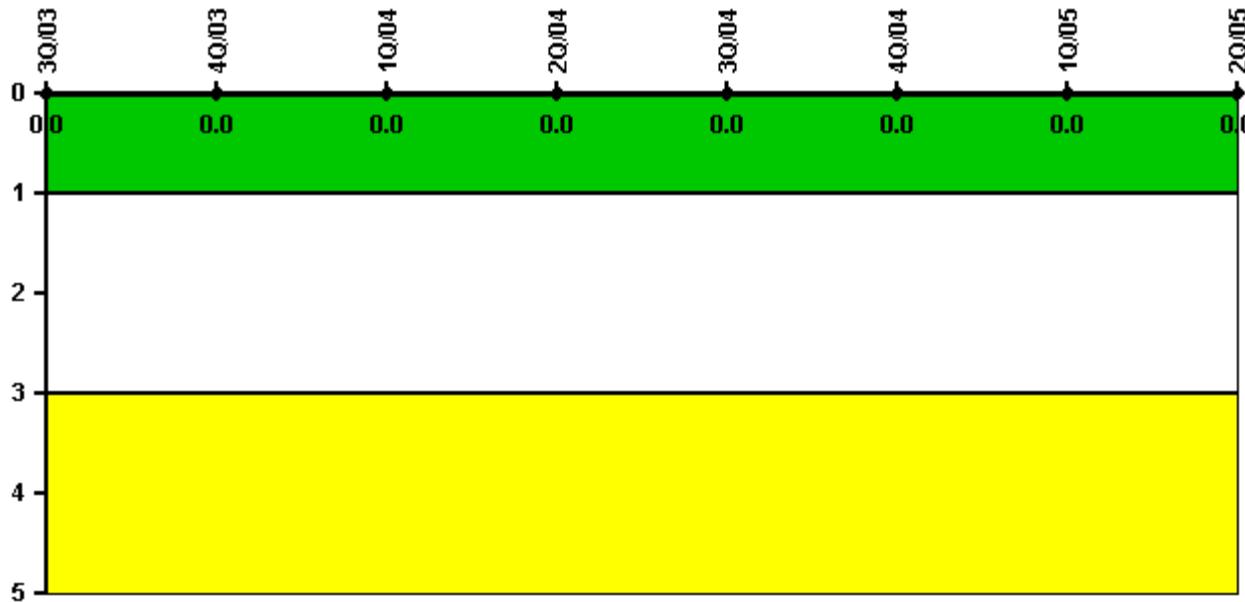


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
High radiation area occurrences	0	0	1	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	1	1	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.

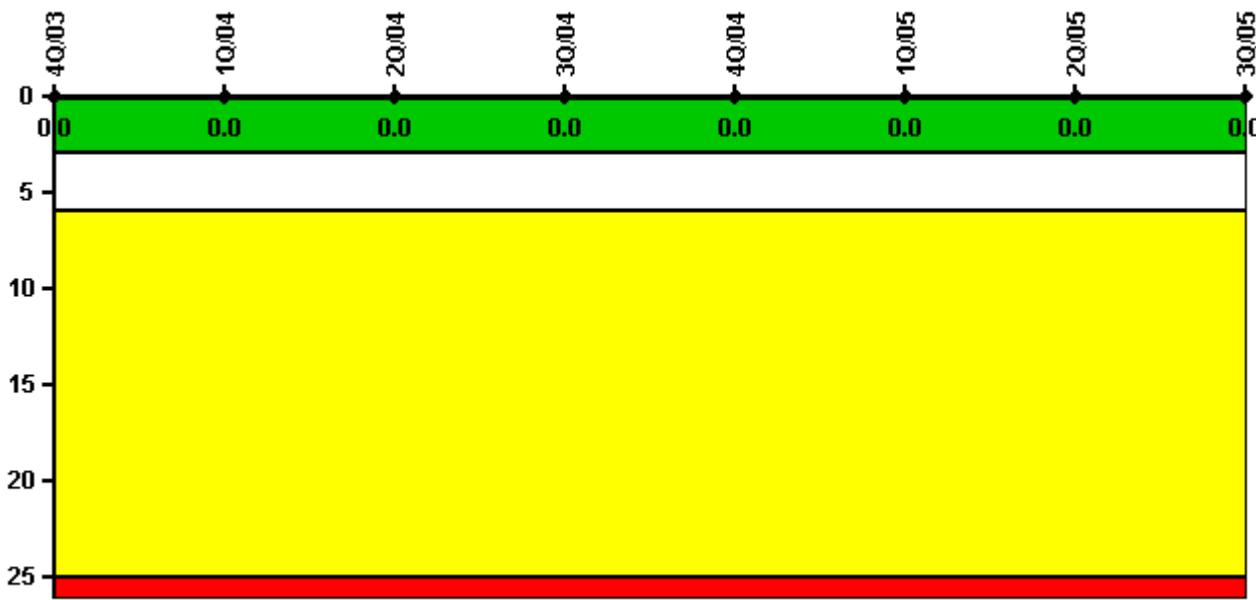


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 3, 2005

McGuire 1**3Q/2005 Performance Indicators**

Licensee's General Comments: none

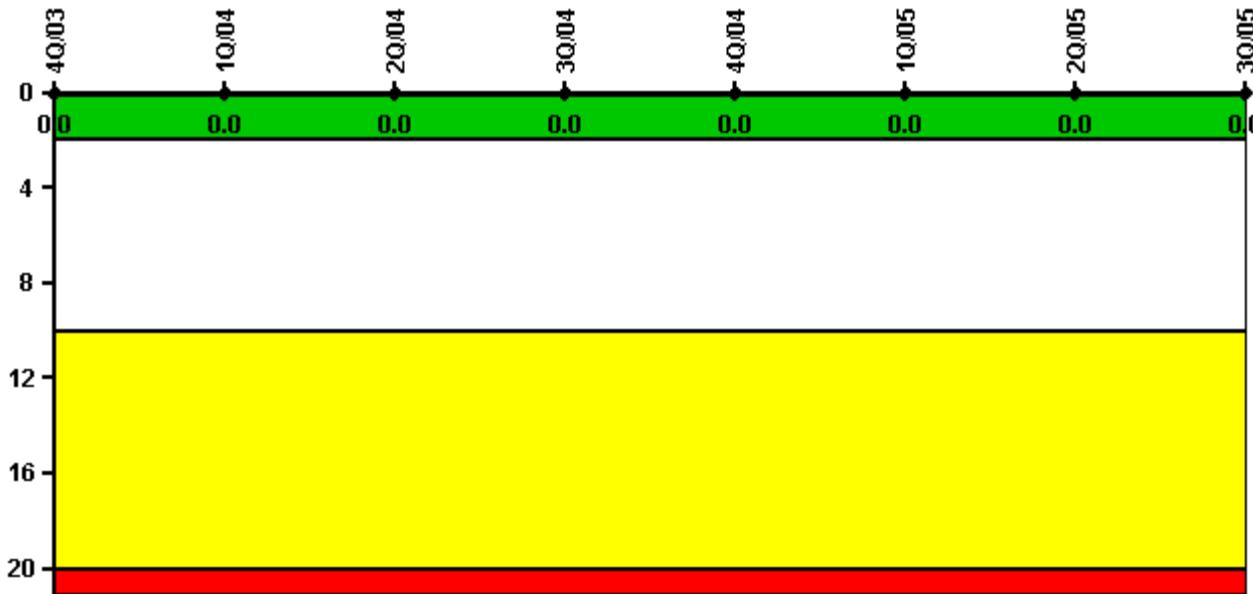
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1565.2	1932.9	2208.0	1640.6	2160.0	2183.0	1879.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

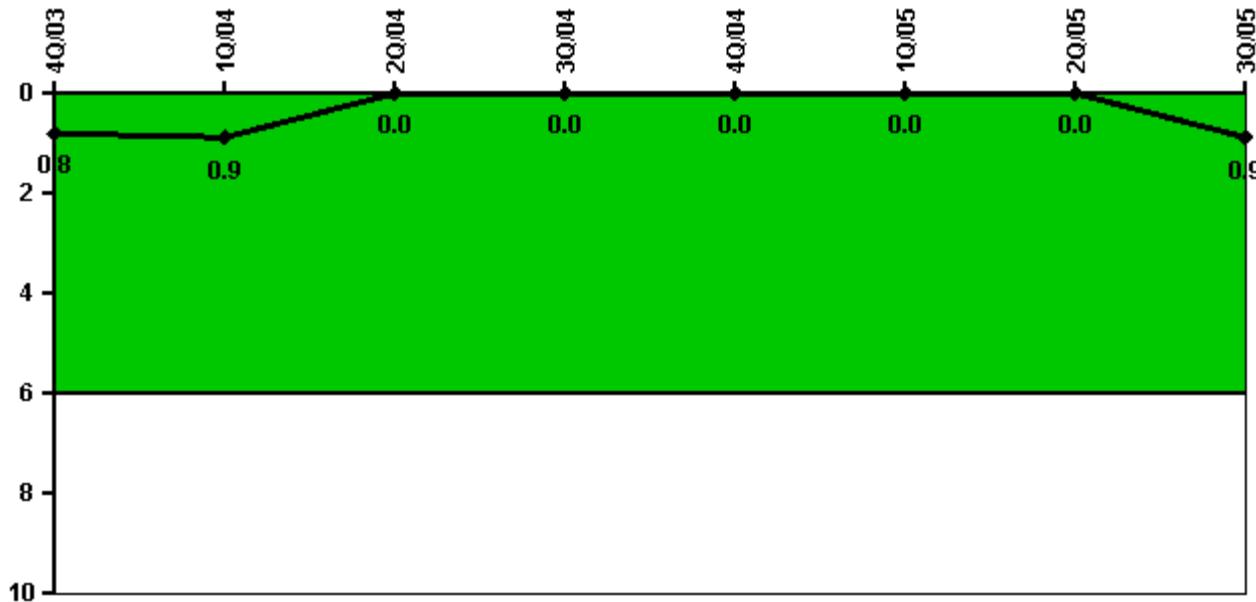
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



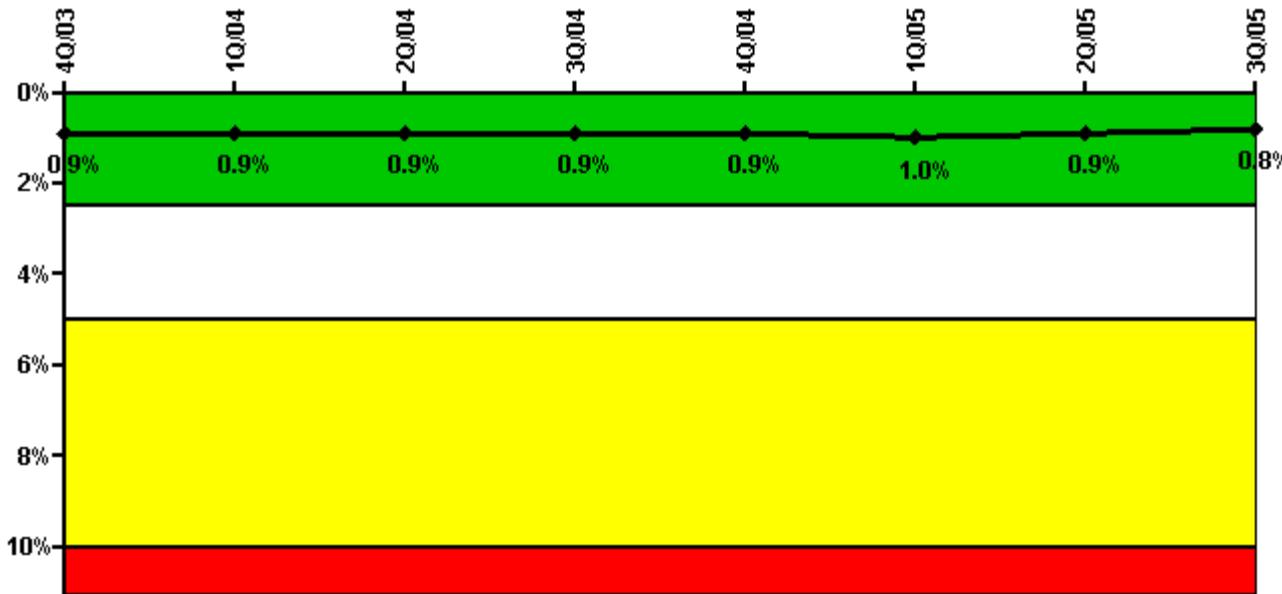
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2209.0	1565.2	1932.9	2208.0	1640.6	2160.0	2183.0	1879.0
Indicator value	0.8	0.9	0	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



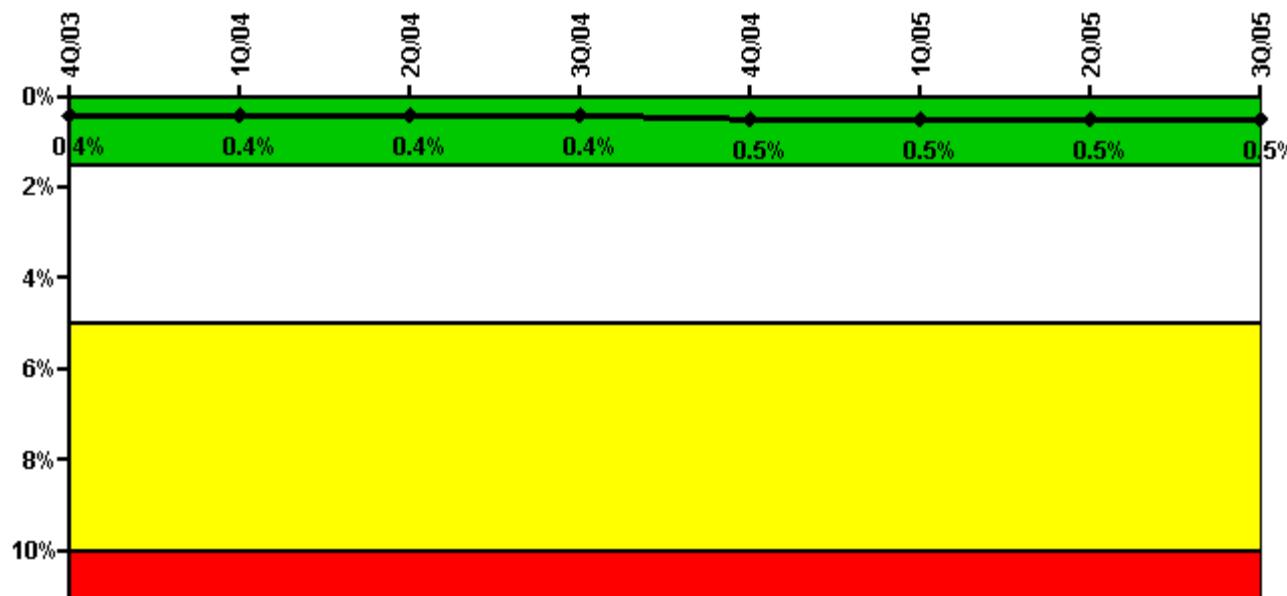
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	15.52	15.55	15.28	20.26	5.09	16.00	21.51	31.78
Unplanned unavailable hours	0	0	0.10	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	24.82	17.53	18.28	21.07	18.58	21.98	16.09	12.46
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.9%	0.9%	0.9%	0.9%	0.9%	1.0%	0.9%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



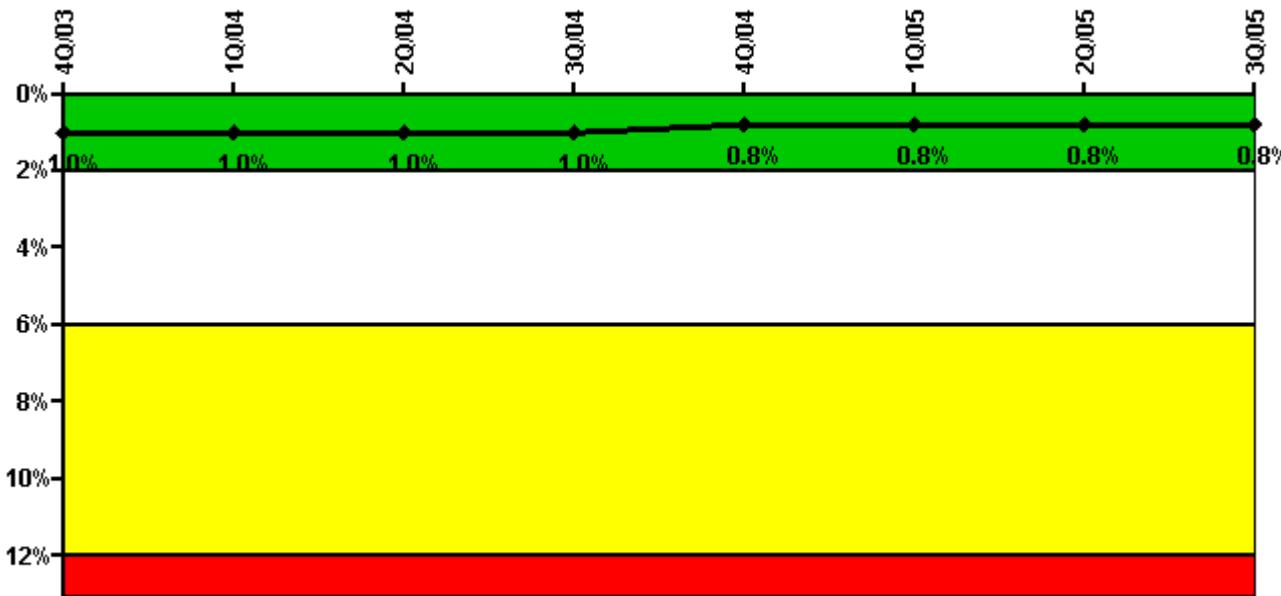
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	4.22	10.18	2.27	21.61	10.58	1.93	8.50	2.25
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1570.25	2022.28	2208.00	1744.43	2160.00	2183.00	1890.62
Train 2								
Planned unavailable hours	9.48	2.30	8.27	10.25	23.09	26.51	2.93	3.85
Unplanned unavailable hours	0	0	0	7.60	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1575.62	2046.34	2208.00	1720.90	2160.00	2183.00	1885.00
Train 3								
Planned unavailable hours	6.51	3.32	4.02	20.87	10.85	11.06	36.23	33.98
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1570.25	2022.28	2208.00	1715.11	2160.00	2183.00	1885.00
Train 4								
Planned unavailable hours	4.63	32.88	8.48	3.72	8.71	19.51	15.82	4.70
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1570.25	2022.28	2208.00	1715.11	2160.00	2183.00	1885.00
Indicator value	0.4%	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



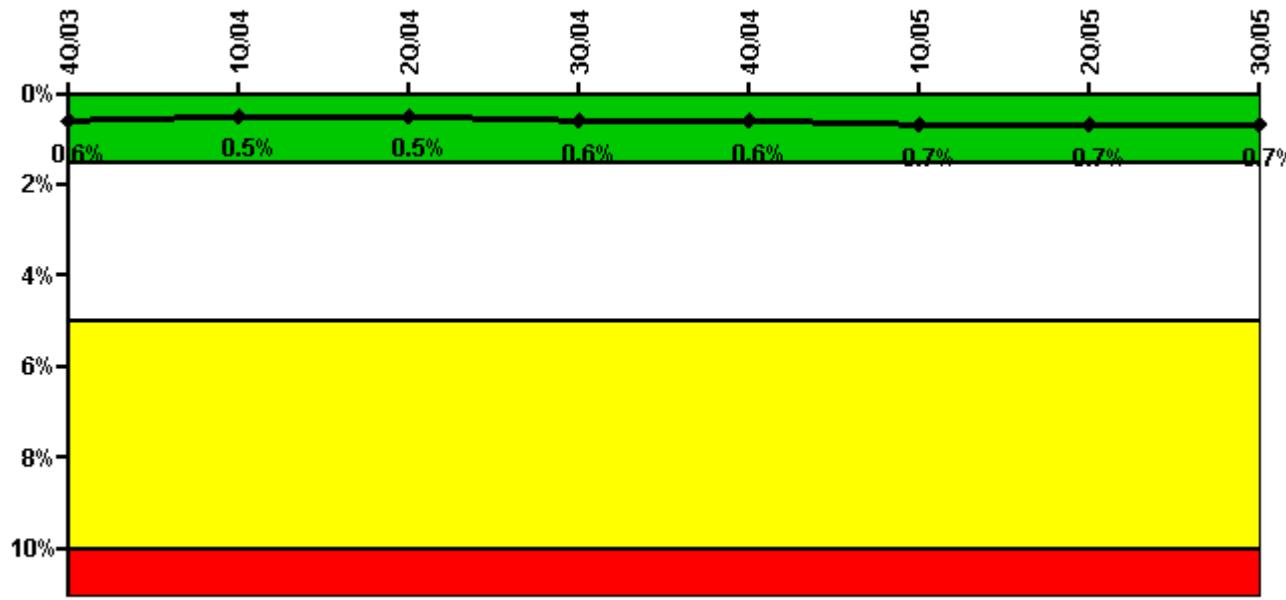
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	26.08	17.50	3.88	8.88	2.22	10.13	33.45	15.80
Unplanned unavailable hours	0	0	0	0	0	31.28	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00	1890.60
Train 2								
Planned unavailable hours	4.97	15.45	9.57	3.62	17.09	20.98	14.78	25.67
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00	1890.60
Train 3								
Planned unavailable hours	61.37	1.38	18.84	13.55	7.70	5.32	24.37	13.95
Unplanned unavailable hours	0	0	0	0	15.00	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00	1890.60
Indicator value	1.0%	1.0%	1.0%	1.0%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

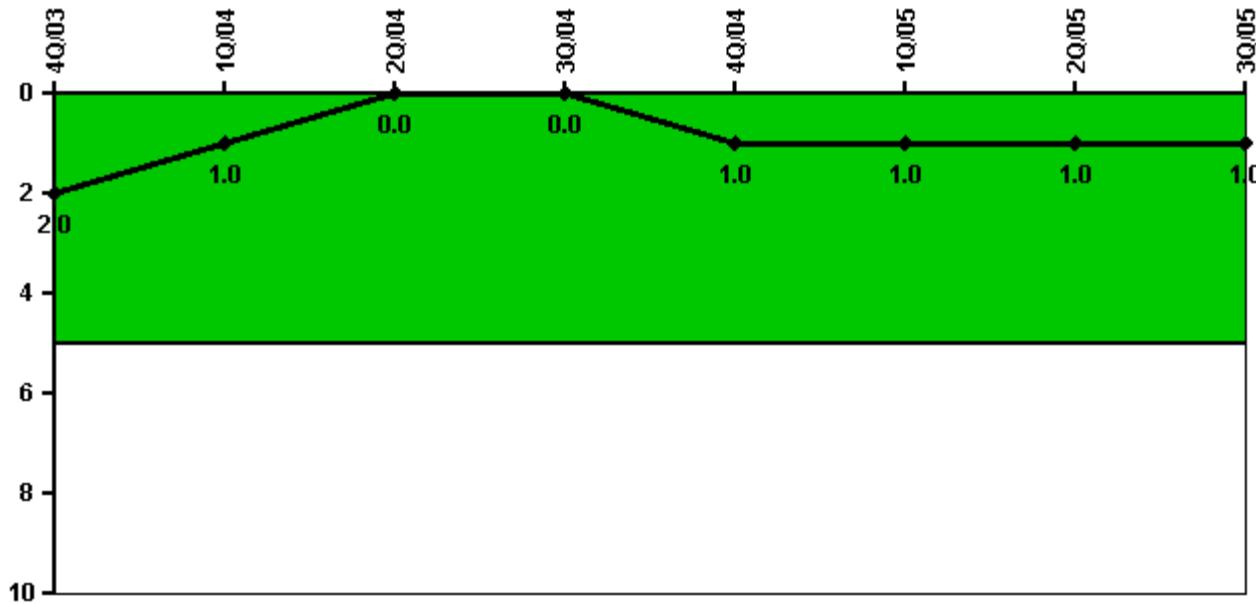


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Train 1								
Planned unavailable hours	11.80	2.00	2.00	25.68	1.17	27.72	3.78	44.78
Unplanned unavailable hours	0	0	0	0	14.28	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Train 2								
Planned unavailable hours	16.98	13.42	34.37	5.32	15.45	32.73	22.32	7.58
Unplanned unavailable hours	0	0	0	0	1.72	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00
Indicator value	0.6%	0.5%	0.5%	0.6%	0.6%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

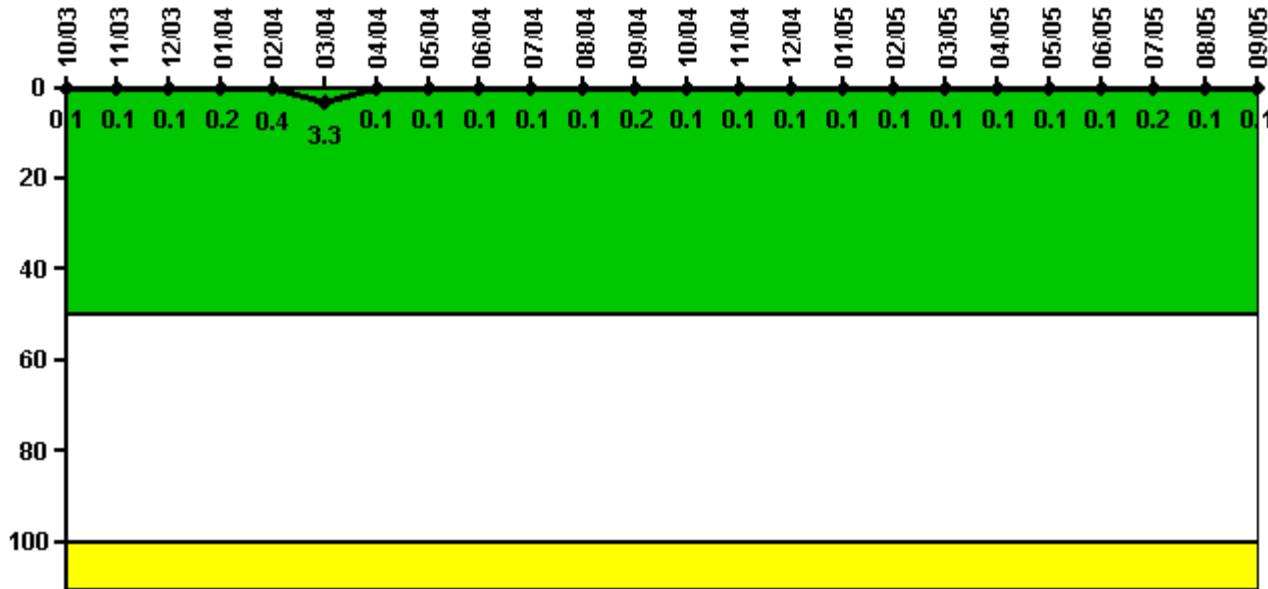
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Safety System Functional Failures	0	0	0	0	1	0	0	0
Indicator value	2	1	0	0	1	1	1	1

Licensee Comments: none

Reactor Coolant System Activity



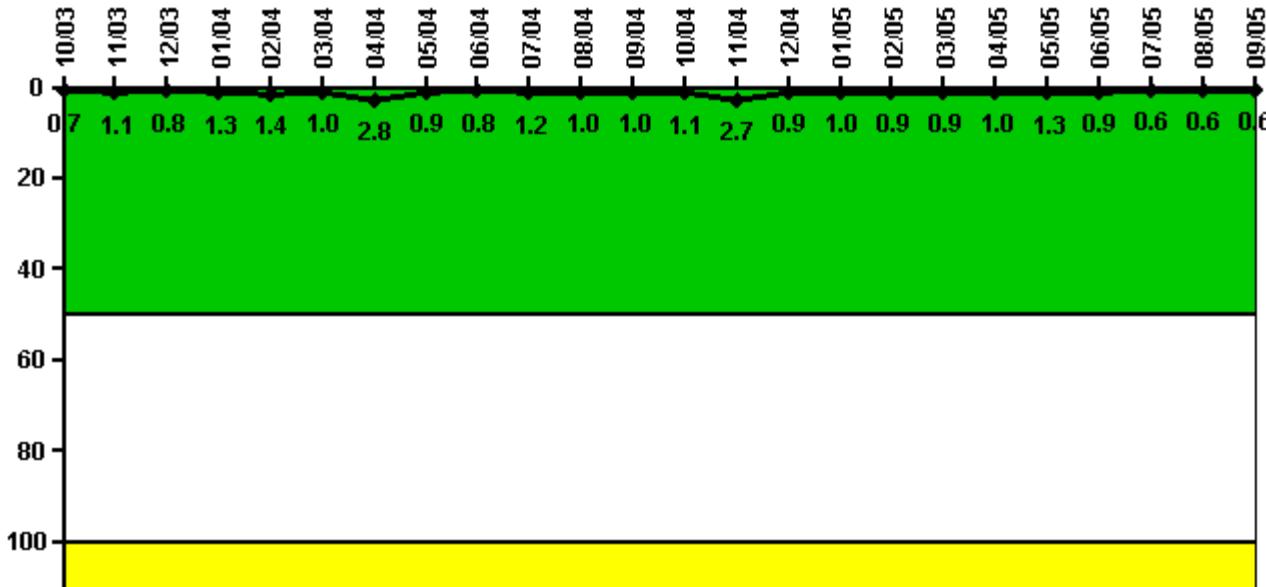
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum activity	0.001034	0.001338	0.001433	0.001563	0.003975	0.032820	0.000522	0.001160	0.000589	0.000646	0.000759	0.001617
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.4	3.3	0.1	0.1	0.1	0.1	0.1	0.2
Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000749	0.000787	0.000841	0.000948	0.000843	0.000870	0.001060	0.000930	0.000962	0.002284	0.001245	0.000876
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage

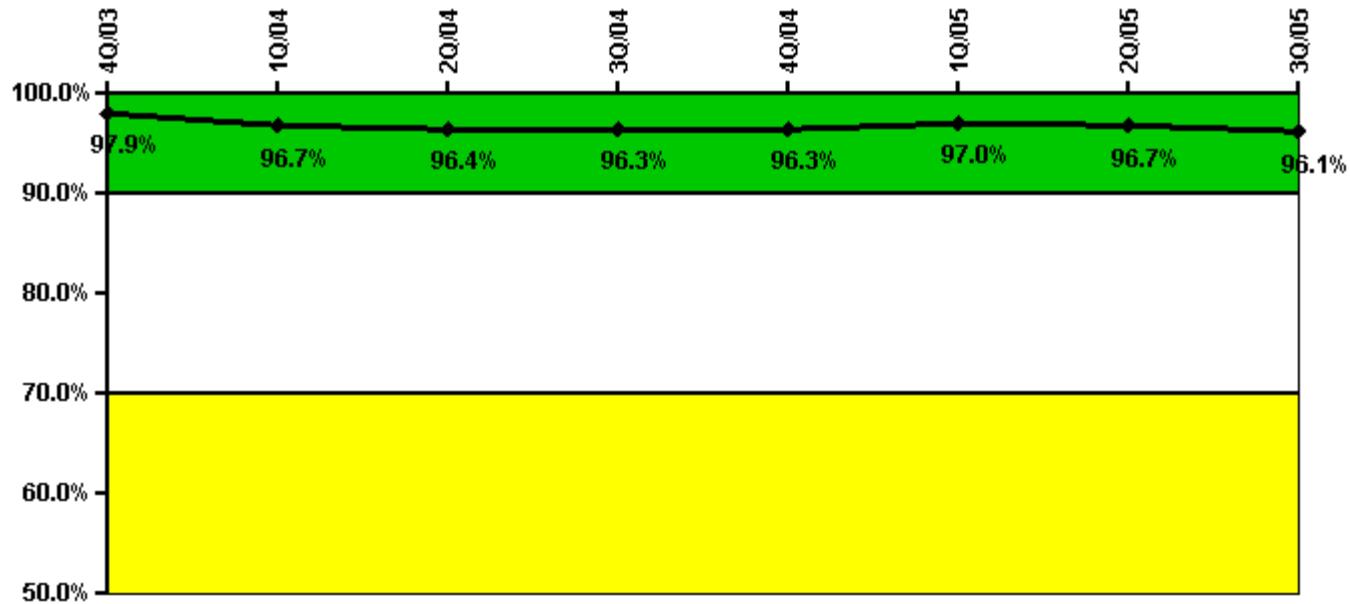


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.068	0.111	0.084	0.125	0.143	0.095	0.284	0.086	0.078	0.118	0.104	0.099
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.1	0.8	1.3	1.4	1.0	2.8	0.9	0.8	1.2	1.0	1.0
Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.105	0.272	0.090	0.103	0.085	0.089	0.100	0.131	0.091	0.062	0.061	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.1	2.7	0.9	1.0	0.9	0.9	1.0	1.3	0.9	0.6	0.6	0.6

Licensee Comments: none

Drill/Exercise Performance

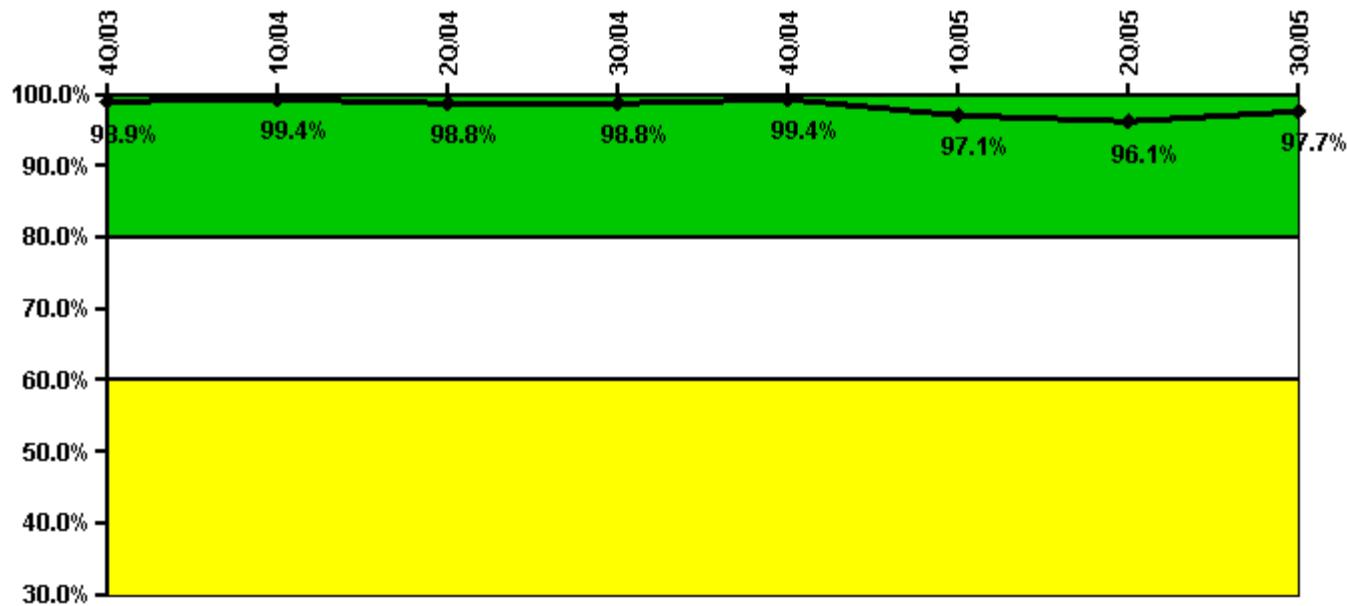
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	58.0	13.0	23.0	0	13.0	17.0	11.0	14.0
Total opportunities	59.0	16.0	24.0	0	13.0	17.0	11.0	15.0
Indicator value	97.9%	96.7%	96.4%	96.3%	96.3%	97.0%	96.7%	96.1%

Licensee Comments: none

ERO Drill Participation



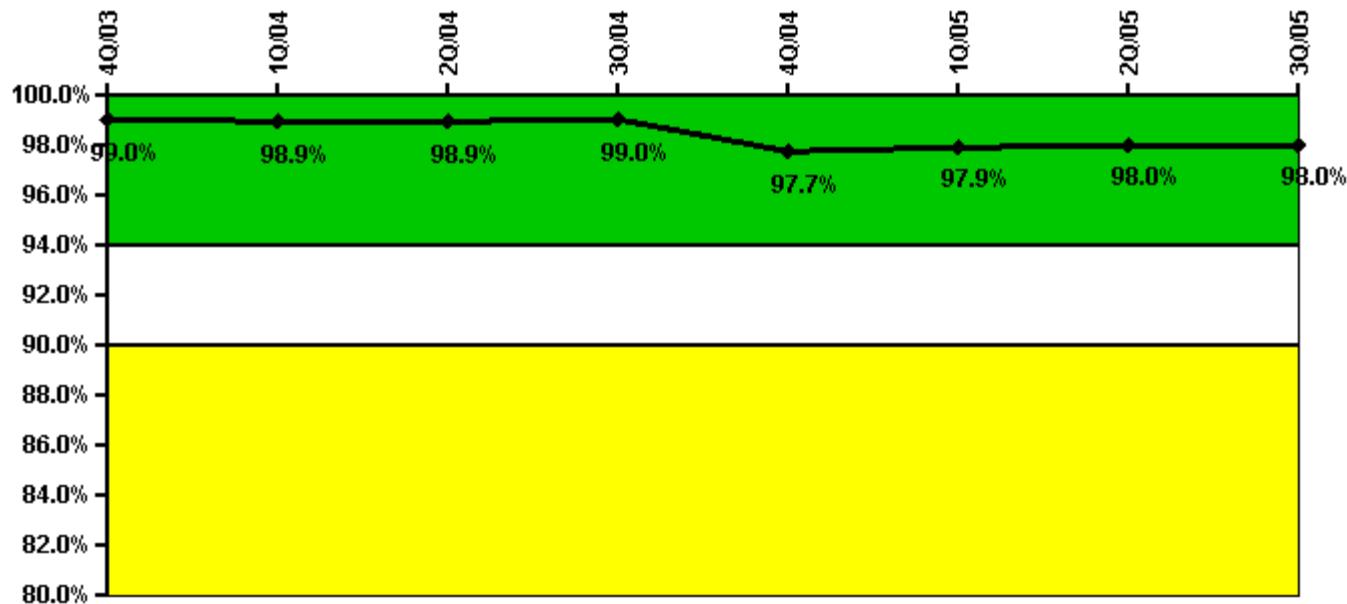
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	174.0	173.0	170.0	169.0	168.0	169.0	171.0	170.0
Total Key personnel	176.0	174.0	172.0	171.0	169.0	174.0	178.0	174.0
Indicator value	98.9%	99.4%	98.8%	98.8%	99.4%	97.1%	96.1%	97.7%

Licensee Comments: none

Alert & Notification System



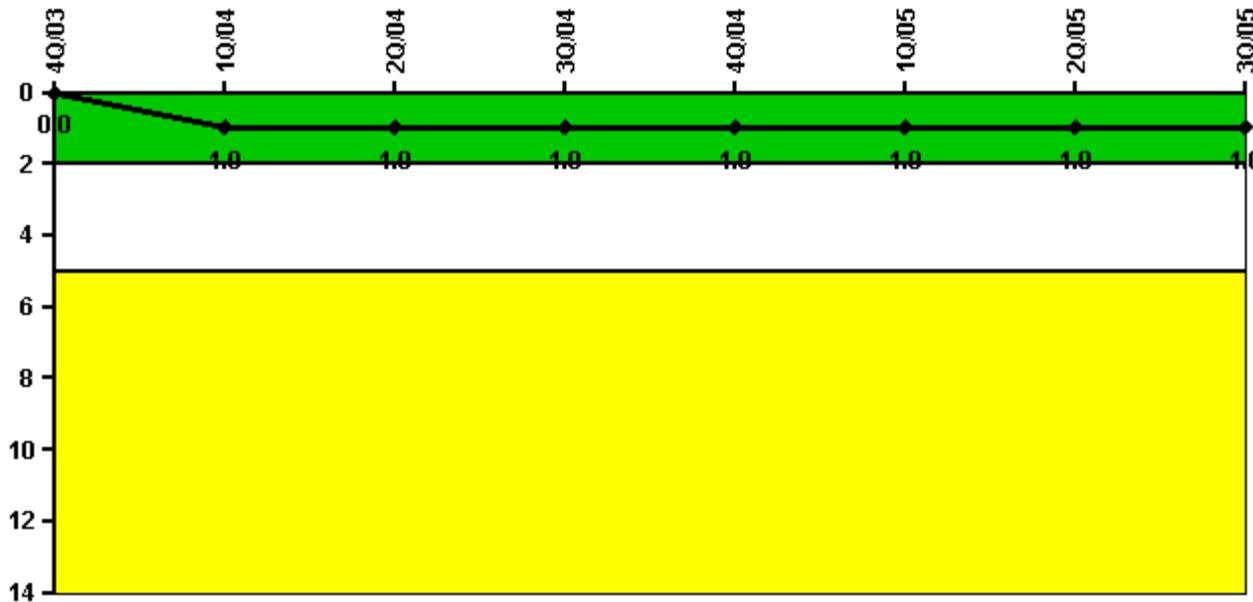
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	1727	1788	1794	1868	1682	1804	1803	1737
Total sirens-tests	1759	1809	1809	1876	1809	1809	1809	1742
Indicator value	99.0%	98.9%	98.9%	99.0%	97.7%	97.9%	98.0%	98.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness

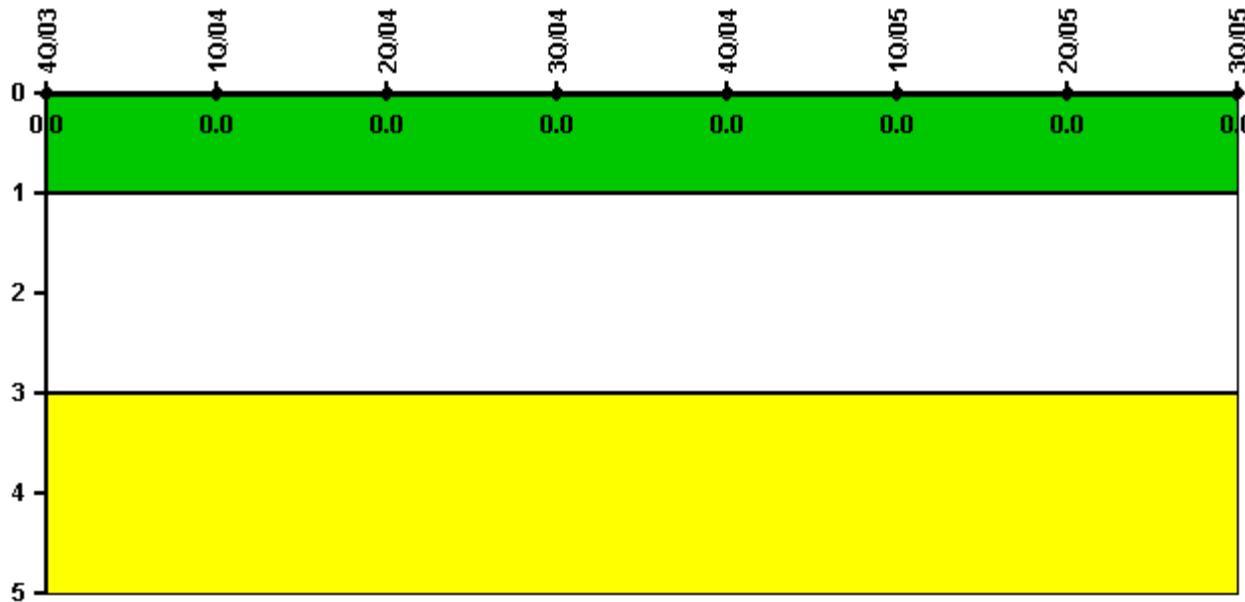


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
High radiation area occurrences	0	1	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1						

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 3, 2005

McGuire 1**4Q/2005 Performance Indicators**

Licensee's General Comments: none

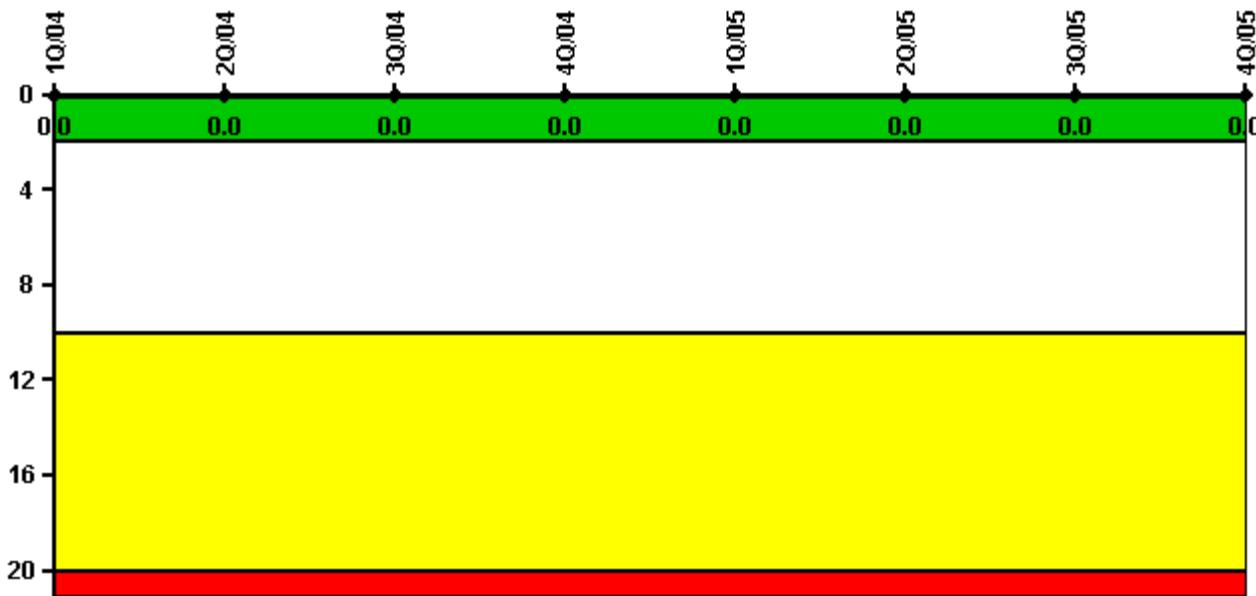
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	1565.2	1932.9	2208.0	1640.6	2160.0	2183.0	1879.0	1776.2
Indicator value	0	0	0	0	0	0	0	0.9

Licensee Comments: none

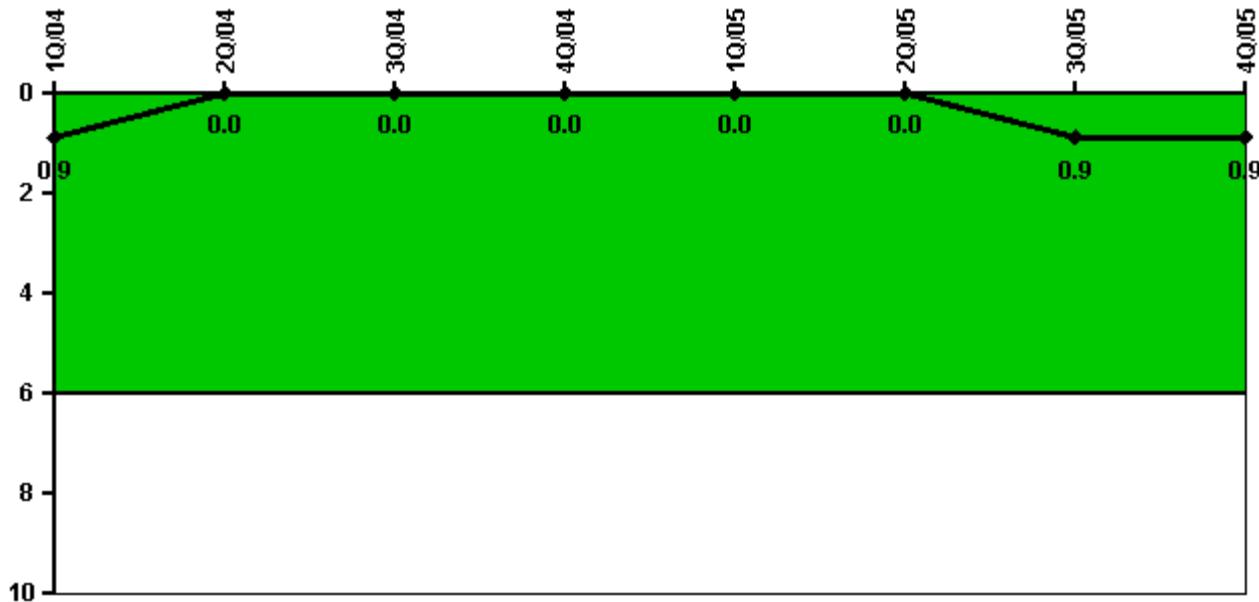
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

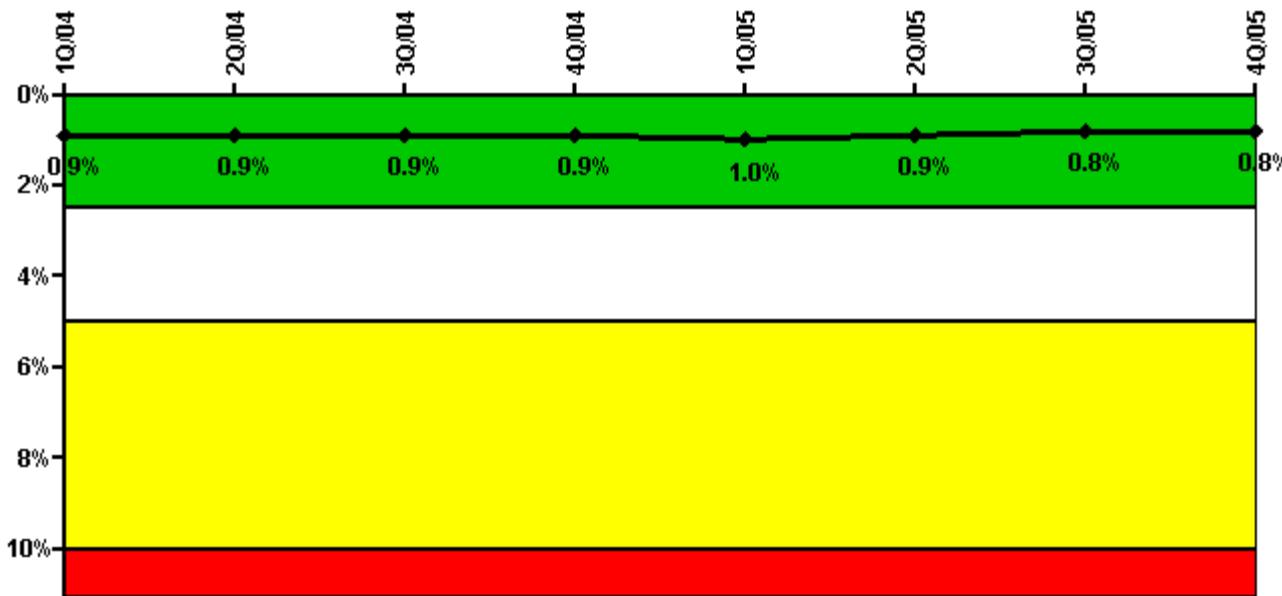
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Unplanned power changes	0	0	0	0	0	0	1.0	0
Critical hours	1565.2	1932.9	2208.0	1640.6	2160.0	2183.0	1879.0	1776.2
Indicator value	0.9	0	0	0	0	0	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



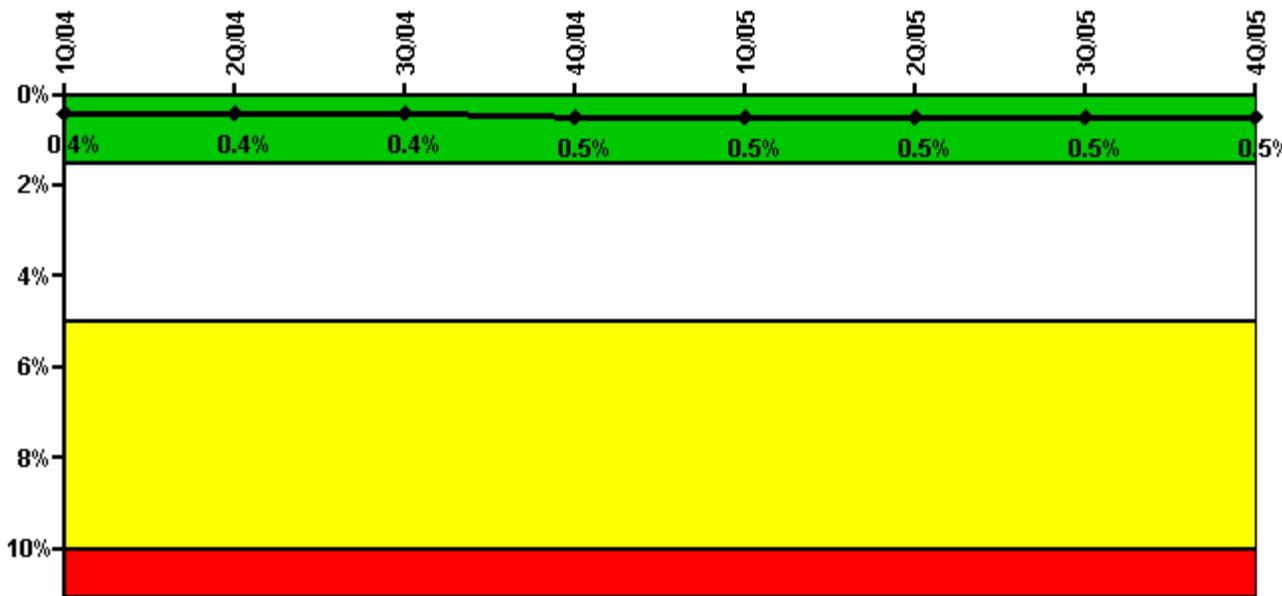
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	15.55	15.28	20.26	5.09	16.00	21.51	31.78	14.48
Unplanned unavailable hours	0	0.10	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	17.53	18.28	21.07	18.58	21.98	16.09	12.46	24.06
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.9%	0.9%	0.9%	0.9%	1.0%	0.9%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



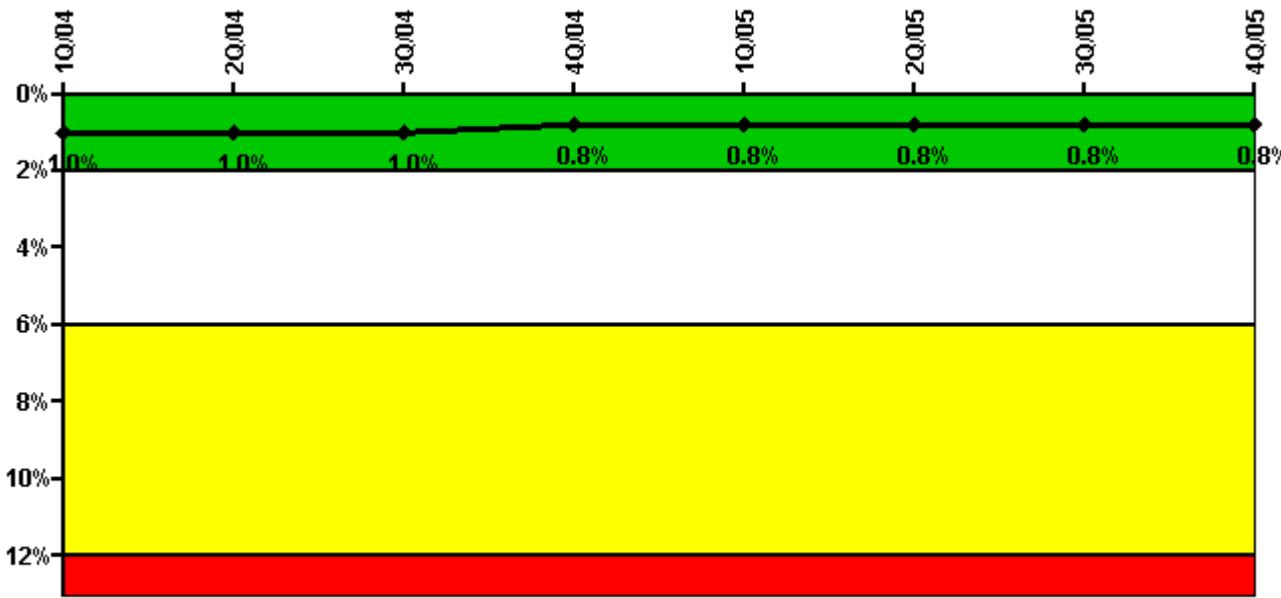
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	10.18	2.27	21.61	10.58	1.93	8.50	2.25	1.15
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1570.25	2022.28	2208.00	1744.43	2160.00	2183.00	1890.62	1852.90
Train 2								
Planned unavailable hours	2.30	8.27	10.25	23.09	26.51	2.93	3.85	3.25
Unplanned unavailable hours	0	0	7.60	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1575.62	2046.34	2208.00	1720.90	2160.00	2183.00	1885.00	1880.90
Train 3								
Planned unavailable hours	3.32	4.02	20.87	10.85	11.06	36.23	33.98	4.84
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1570.25	2022.28	2208.00	1715.11	2160.00	2183.00	1885.00	1852.90
Train 4								
Planned unavailable hours	32.88	8.48	3.72	8.71	19.51	15.82	4.70	4.10
Unplanned unavailable hours	0	0	0	0	0	0	0	6.03
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1570.25	2022.28	2208.00	1715.11	2160.00	2183.00	1885.00	1852.90
Indicator value	0.4%	0.4%	0.4%	0.5%	0.5%	0.5%	0.5%	0.5%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



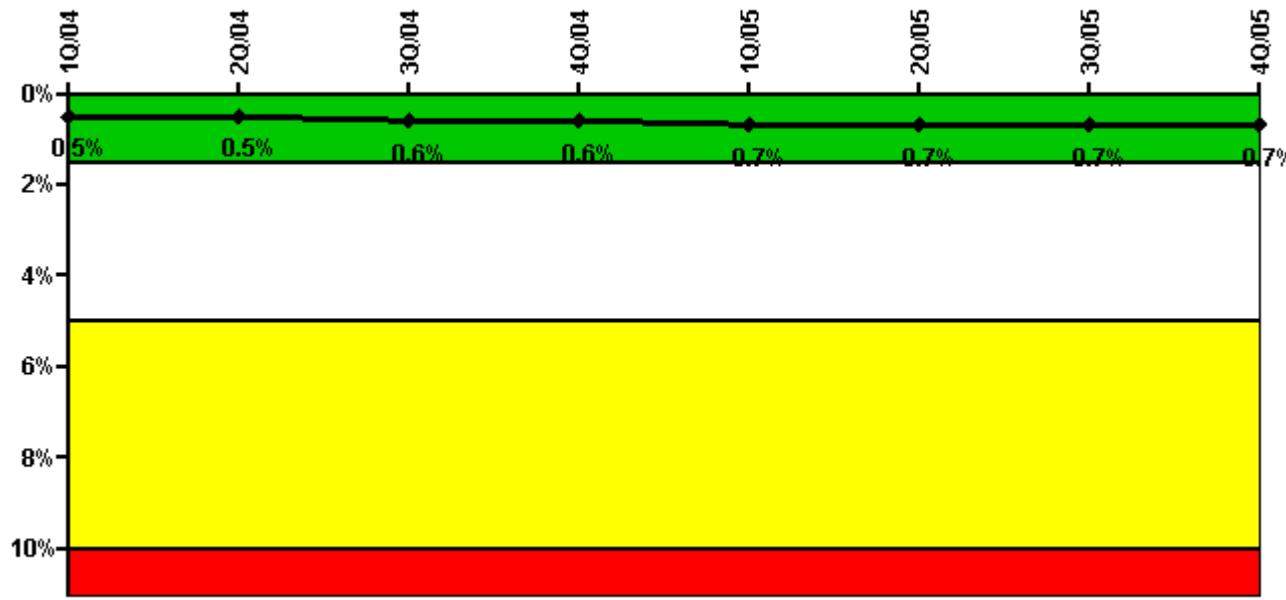
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	17.50	3.88	8.88	2.22	10.13	33.45	15.80	8.63
Unplanned unavailable hours	0	0	0	0	31.28	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00	1890.60	1852.90
Train 2								
Planned unavailable hours	15.45	9.57	3.62	17.09	20.98	14.78	25.67	19.37
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00	1890.60	1852.90
Train 3								
Planned unavailable hours	1.38	18.84	13.55	7.70	5.32	24.37	13.95	5.00
Unplanned unavailable hours	0	0	0	15.00	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1570.30	2022.40	2208.00	1715.08	2160.00	2183.00	1890.60	1852.90
Indicator value	1.0%	1.0%	1.0%	0.8%	0.8%	0.8%	0.8%	0.8%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

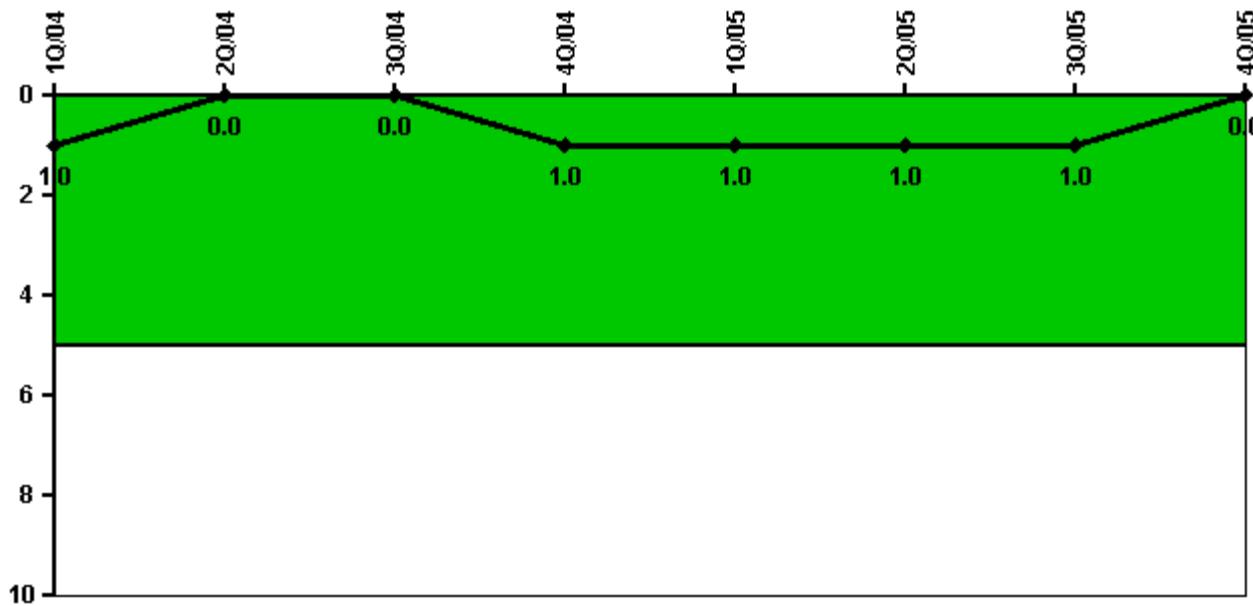


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Train 1								
Planned unavailable hours	2.00	2.00	25.68	1.17	27.72	3.78	44.78	5.60
Unplanned unavailable hours	0	0	0	14.28	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Train 2								
Planned unavailable hours	13.42	34.37	5.32	15.45	32.73	22.32	7.58	2.95
Unplanned unavailable hours	0	0	0	1.72	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2184.00	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00
Indicator value	0.5%	0.5%	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

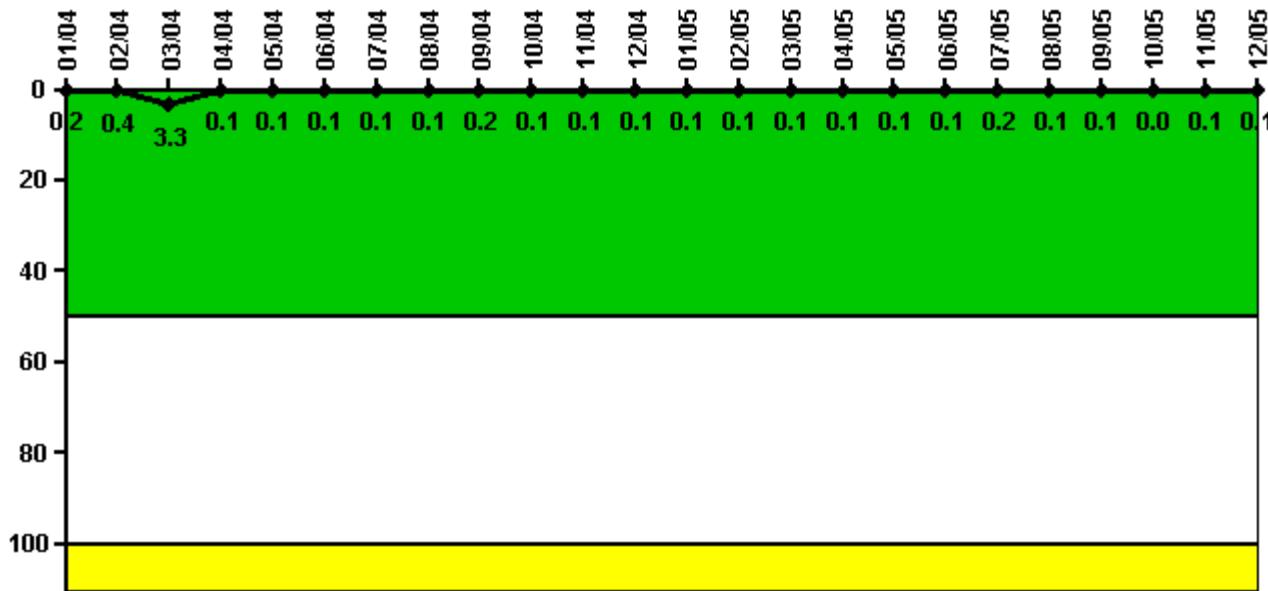
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Safety System Functional Failures	0	0	0	1	0	0	0	0
Indicator value	1	0	0	1	1	1	1	0

Licensee Comments: none

Reactor Coolant System Activity



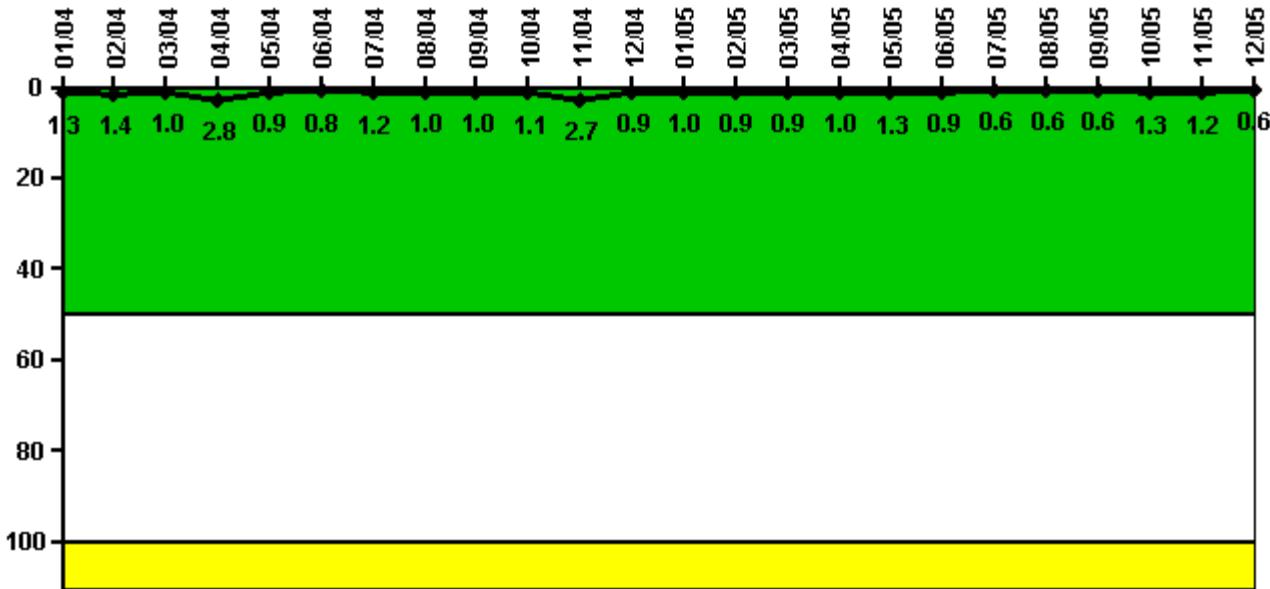
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum activity	0.001563	0.003975	0.032820	0.000522	0.001160	0.000589	0.000646	0.000759	0.001617	0.000749	0.000787	0.000841
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.4	3.3	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1
Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.000948	0.000843	0.000870	0.001060	0.000930	0.000962	0.002284	0.001245	0.000876	0.000482	0.000553	0.001411
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



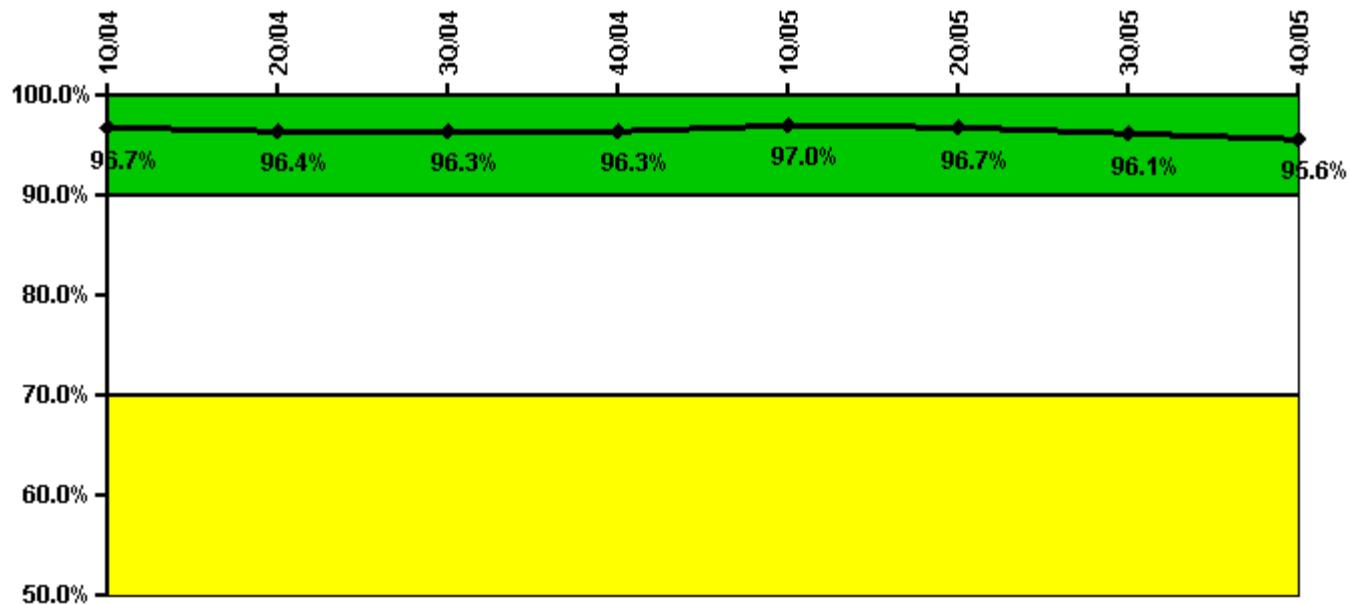
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04
Maximum leakage	0.125	0.143	0.095	0.284	0.086	0.078	0.118	0.104	0.099	0.105	0.272	0.090
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.4	1.0	2.8	0.9	0.8	1.2	1.0	1.0	1.1	2.7	0.9
Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.103	0.085	0.089	0.100	0.131	0.091	0.062	0.061	0.055	0.132	0.123	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.9	0.9	1.0	1.3	0.9	0.6	0.6	0.6	1.3	1.2	0.6

Licensee Comments: none

Drill/Exercise Performance



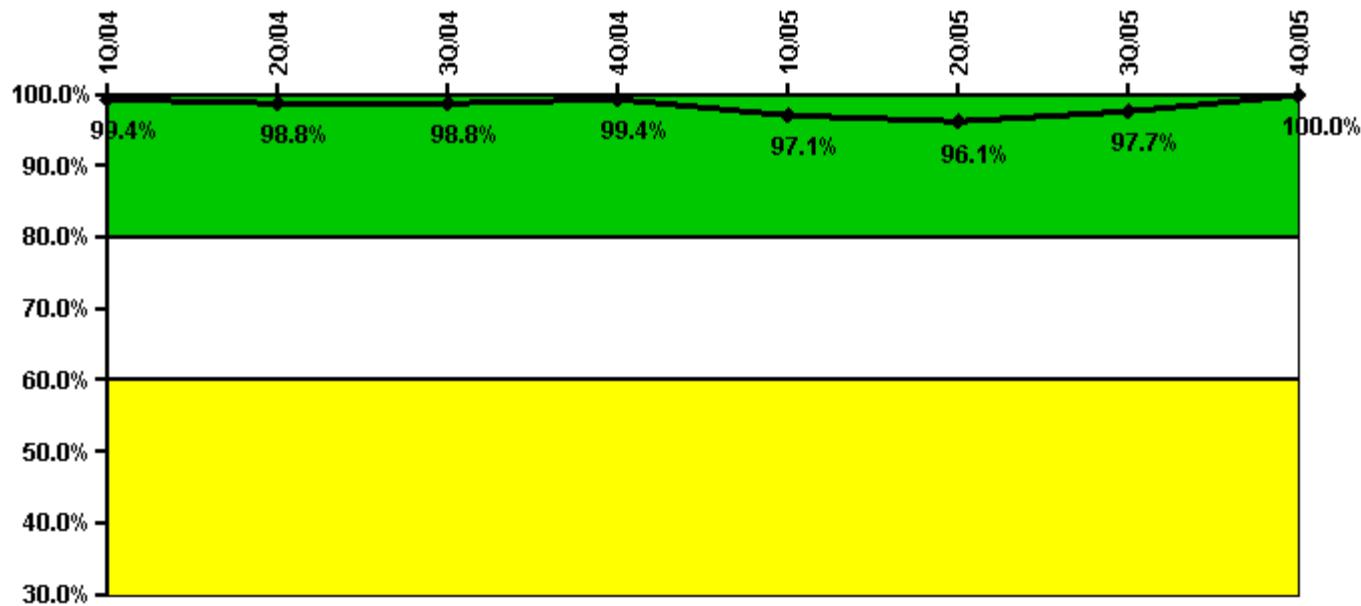
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful opportunities	13.0	23.0	0	13.0	17.0	11.0	14.0	60.0
Total opportunities	16.0	24.0	0	13.0	17.0	11.0	15.0	62.0
Indicator value	96.7%	96.4%	96.3%	96.3%	97.0%	96.7%	96.1%	95.6%

Licensee Comments: none

ERO Drill Participation



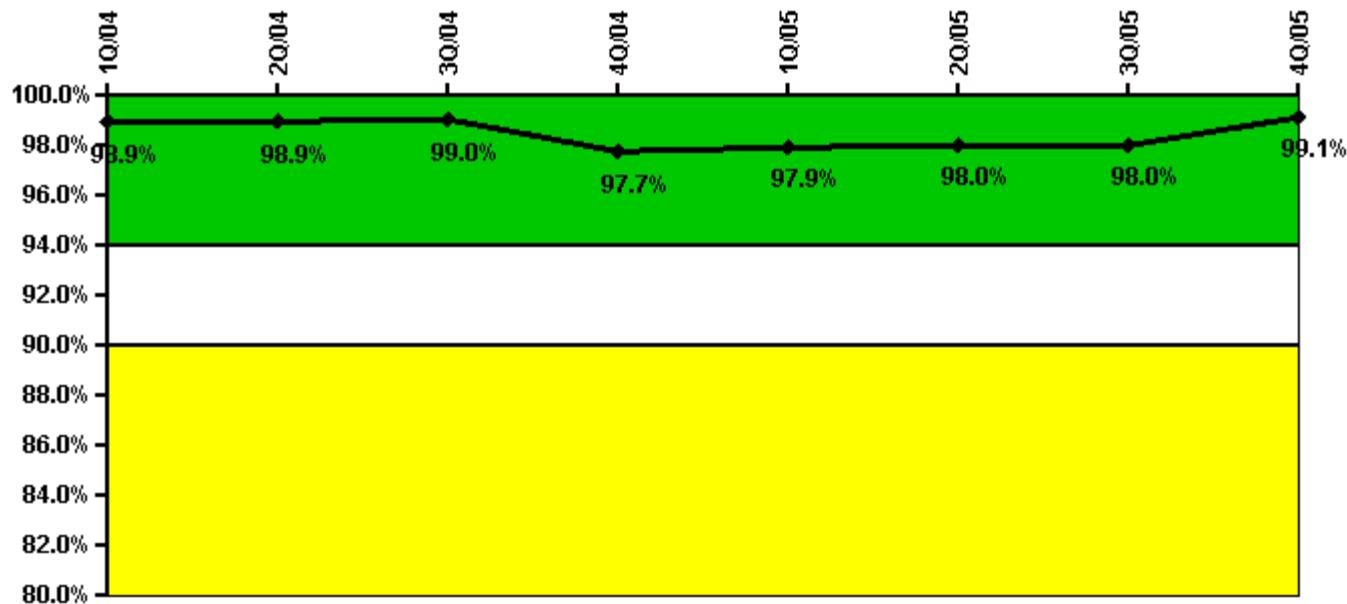
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Participating Key personnel	173.0	170.0	169.0	168.0	169.0	171.0	170.0	178.0
Total Key personnel	174.0	172.0	171.0	169.0	174.0	178.0	174.0	178.0
Indicator value	99.4%	98.8%	98.8%	99.4%	97.1%	96.1%	97.7%	100.0%

Licensee Comments: none

Alert & Notification System



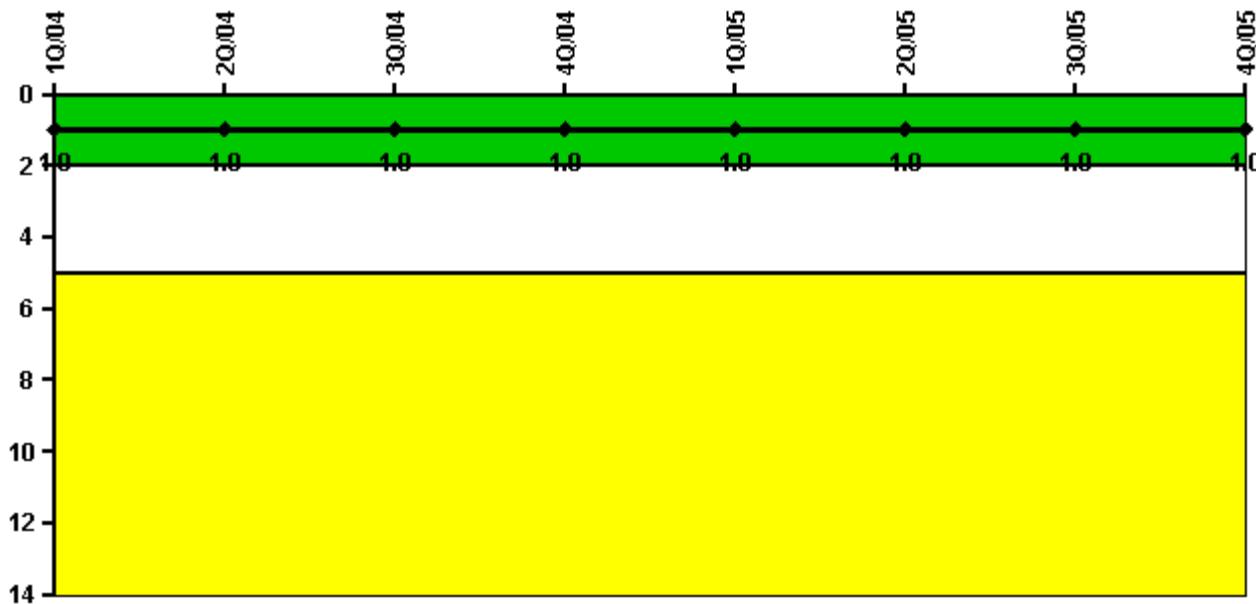
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
Successful siren-tests	1788	1794	1868	1682	1804	1803	1737	1763
Total sirens-tests	1809	1809	1876	1809	1809	1809	1742	1809
Indicator value	98.9%	98.9%	99.0%	97.7%	97.9%	98.0%	98.0%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness

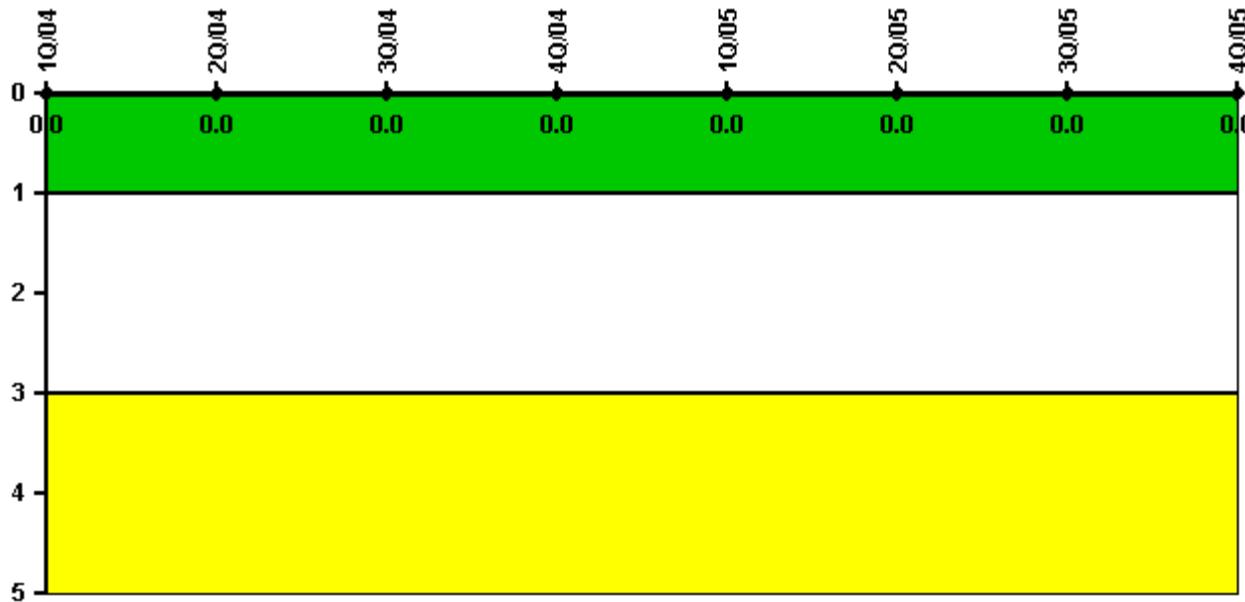


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
High radiation area occurrences	1	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1							

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

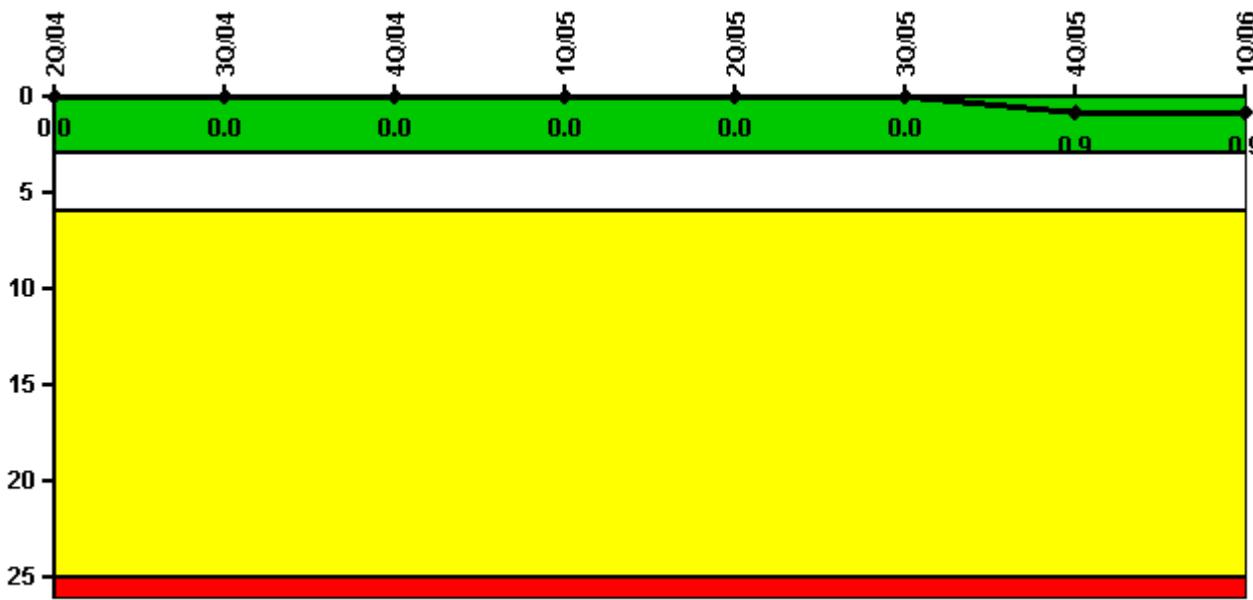


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 30, 2006

McGuire 1**1Q/2006 Performance Indicators**

Licensee's General Comments: none

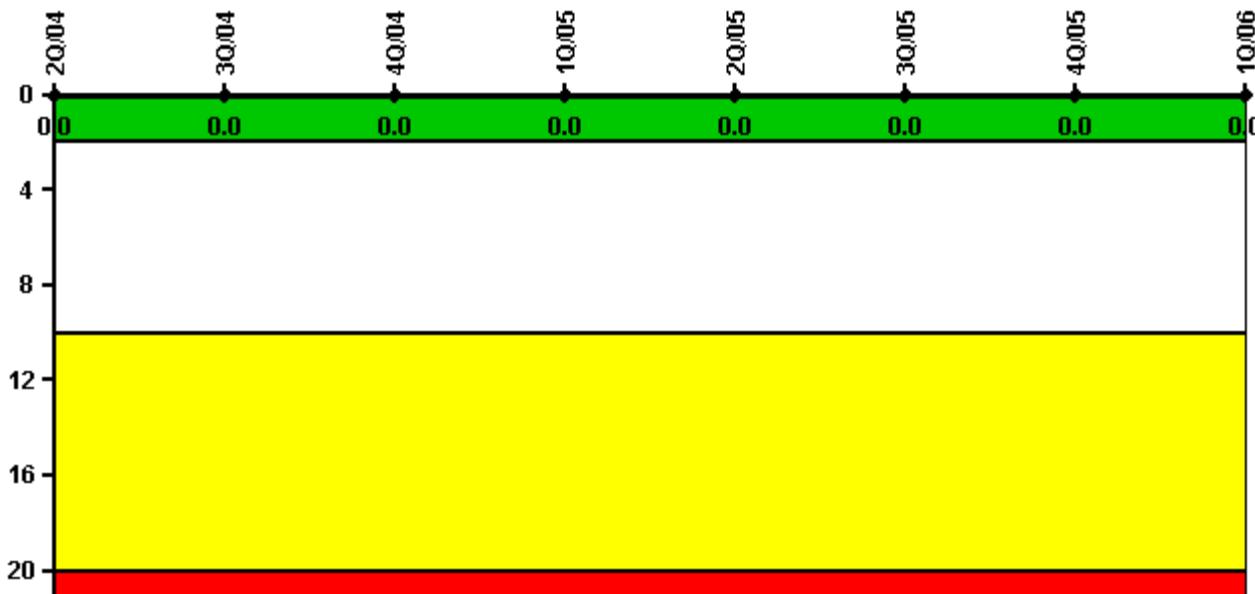
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1932.9	2208.0	1640.6	2160.0	2183.0	1879.0	1776.2	2160.0
Indicator value	0	0	0	0	0	0	0.9	0.9

Licensee Comments: none

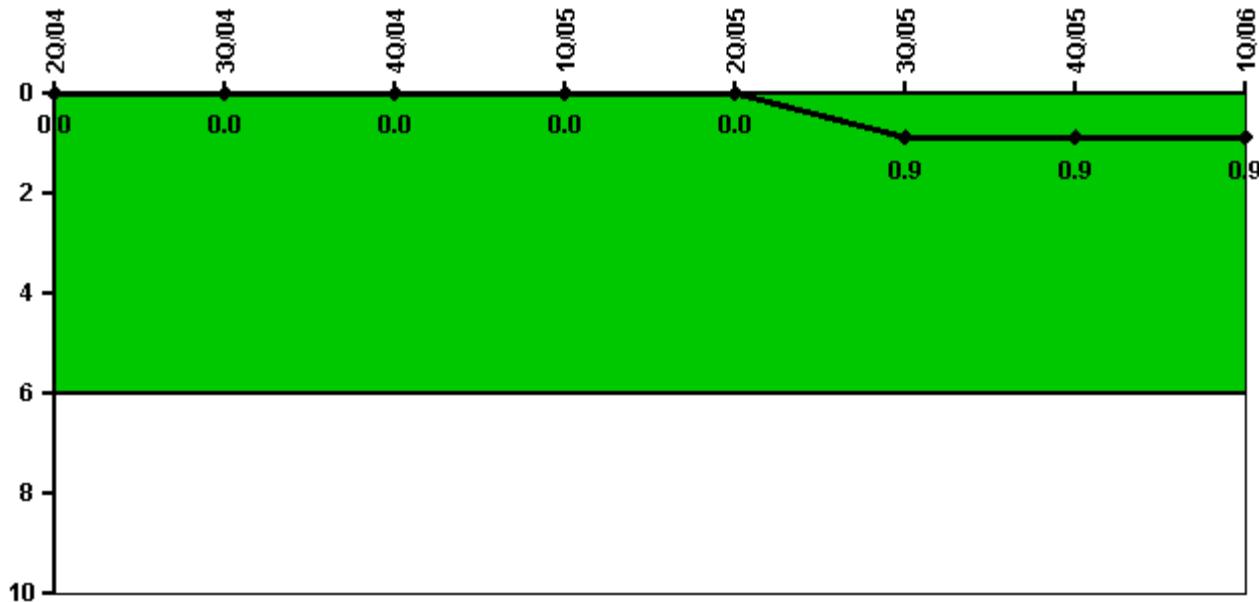
Scrams with Loss of Normal Heat Removal

Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

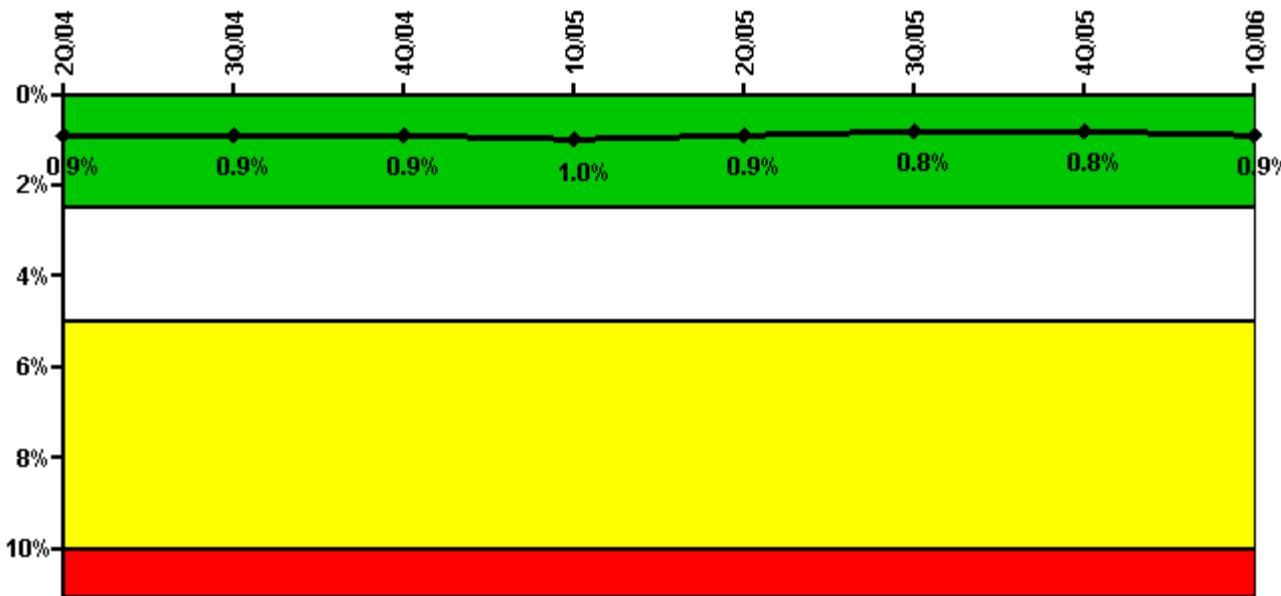
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Unplanned power changes	0	0	0	0	0	1.0	0	0
Critical hours	1932.9	2208.0	1640.6	2160.0	2183.0	1879.0	1776.2	2160.0
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



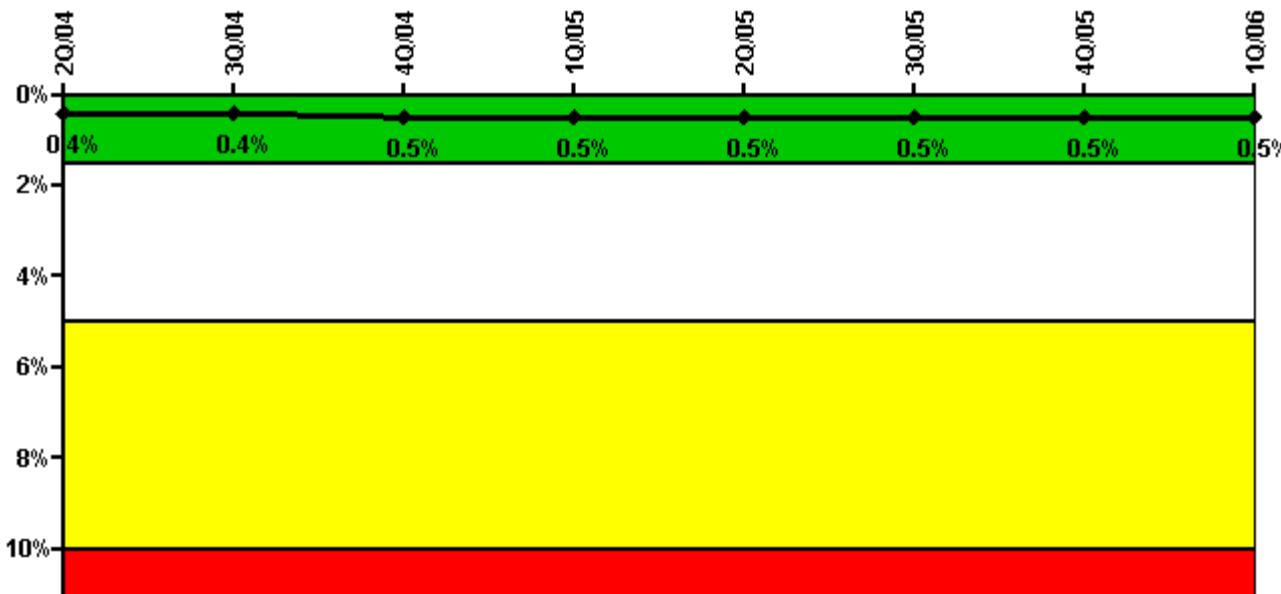
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	15.28	20.26	5.09	16.00	21.51	31.78	14.48	19.57
Unplanned unavailable hours	0.10	0	0	0	0	0	0	2.58
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	18.28	21.07	18.58	21.98	16.09	12.46	24.06	37.48
Unplanned unavailable hours	0	0	0	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.9%	0.9%	0.9%	1.0%	0.9%	0.8%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)

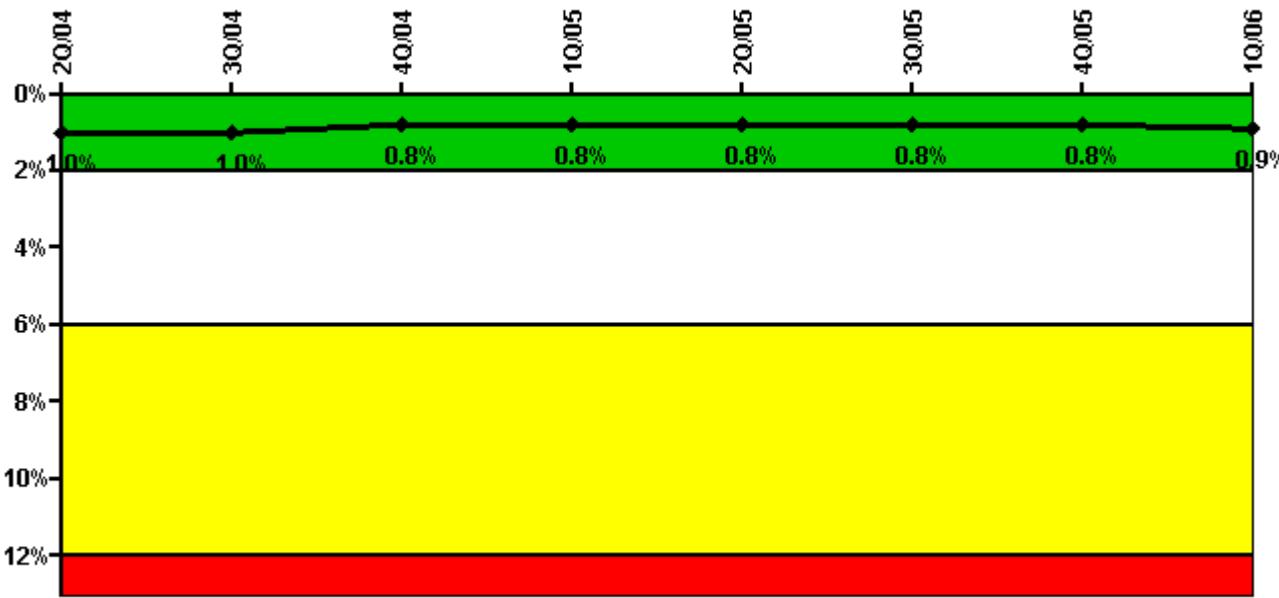


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



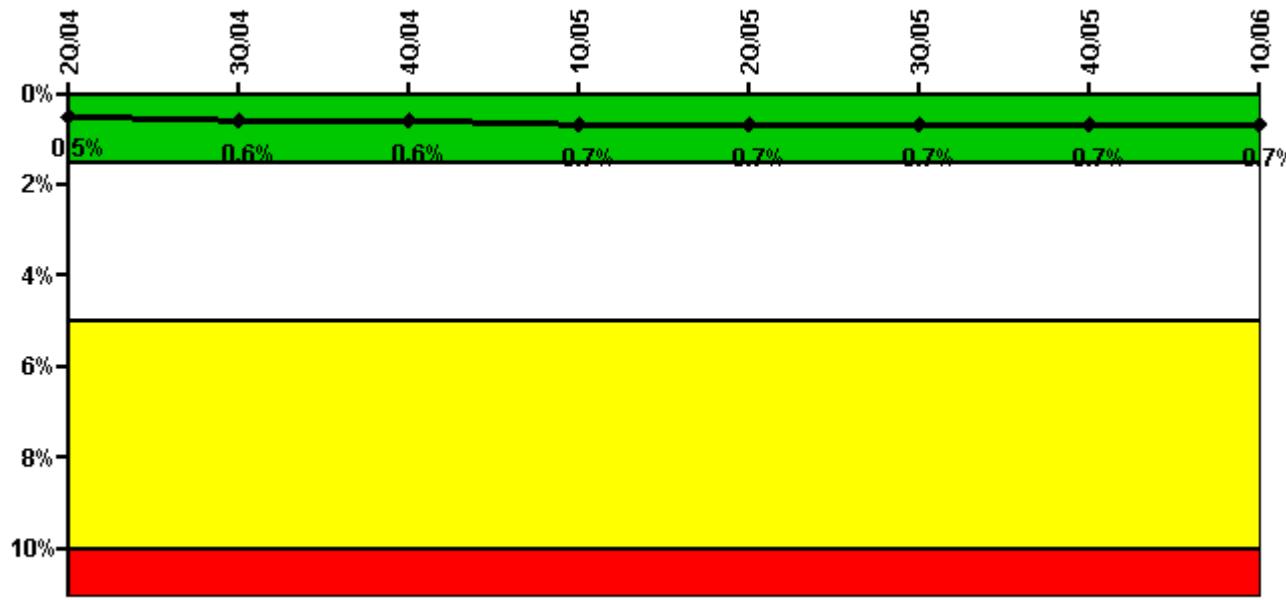
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)		2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1									
Planned unavailable hours		3.88	8.88	2.22	10.13	33.45	15.80	8.63	61.75
Unplanned unavailable hours		0	0	0	31.28	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2022.40	2208.00	1715.08	2160.00	2183.00	1890.60	1852.90	2160.00
Train 2									
Planned unavailable hours		9.57	3.62	17.09	20.98	14.78	25.67	19.37	46.77
Unplanned unavailable hours		0	0	0	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2022.40	2208.00	1715.08	2160.00	2183.00	1890.60	1852.90	2160.00
Train 3									
Planned unavailable hours		18.84	13.55	7.70	5.32	24.37	13.95	5.00	33.69
Unplanned unavailable hours		0	0	15.00	0	0	0	0	0
Fault exposure hours		0	0	0	0	0	0	0	0
Effective Reset hours		0	0	0	0	0	0	0	0
Required hours		2022.40	2208.00	1715.08	2160.00	2183.00	1890.60	1852.90	2160.00
Indicator value		1.0%	1.0%	0.8%	0.8%	0.8%	0.8%	0.8%	0.9%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System

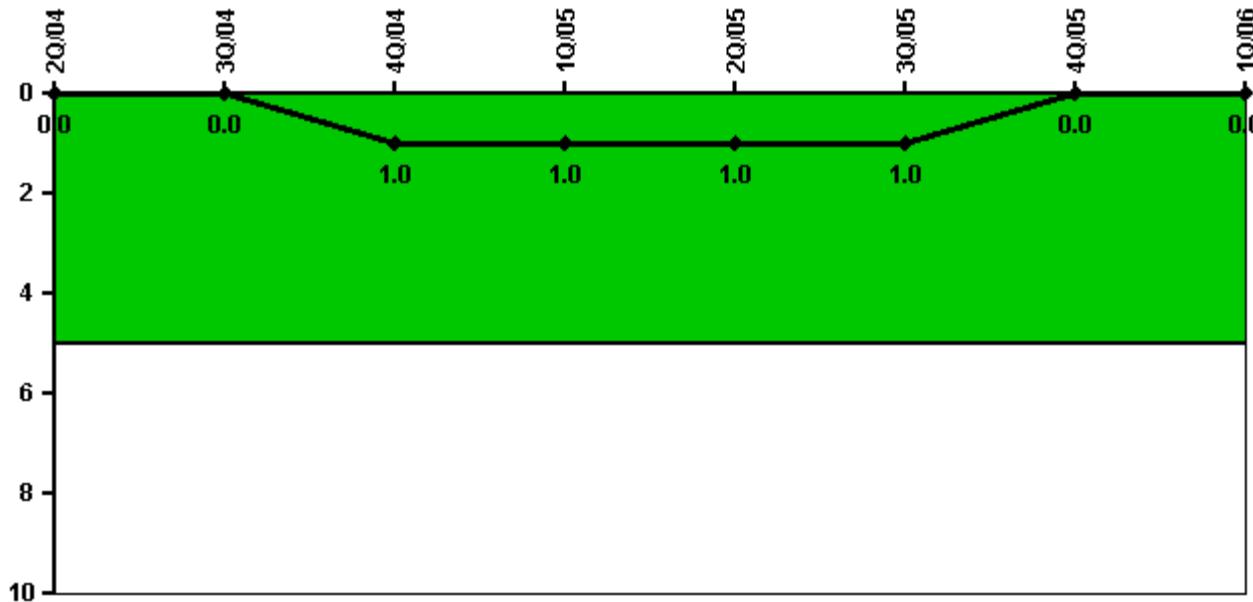


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Train 1								
Planned unavailable hours	2.00	25.68	1.17	27.72	3.78	44.78	5.60	16.12
Unplanned unavailable hours	0	0	14.28	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Train 2								
Planned unavailable hours	34.37	5.32	15.45	32.73	22.32	7.58	2.95	30.96
Unplanned unavailable hours	0	0	1.72	0	0	0	0	0
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2183.00	2208.00	2209.00	2160.00	2183.00	2208.00	2209.00	2160.00
Indicator value	0.5%	0.6%	0.6%	0.7%	0.7%	0.7%	0.7%	0.7%

Licensee Comments: none

Safety System Functional Failures (PWR)

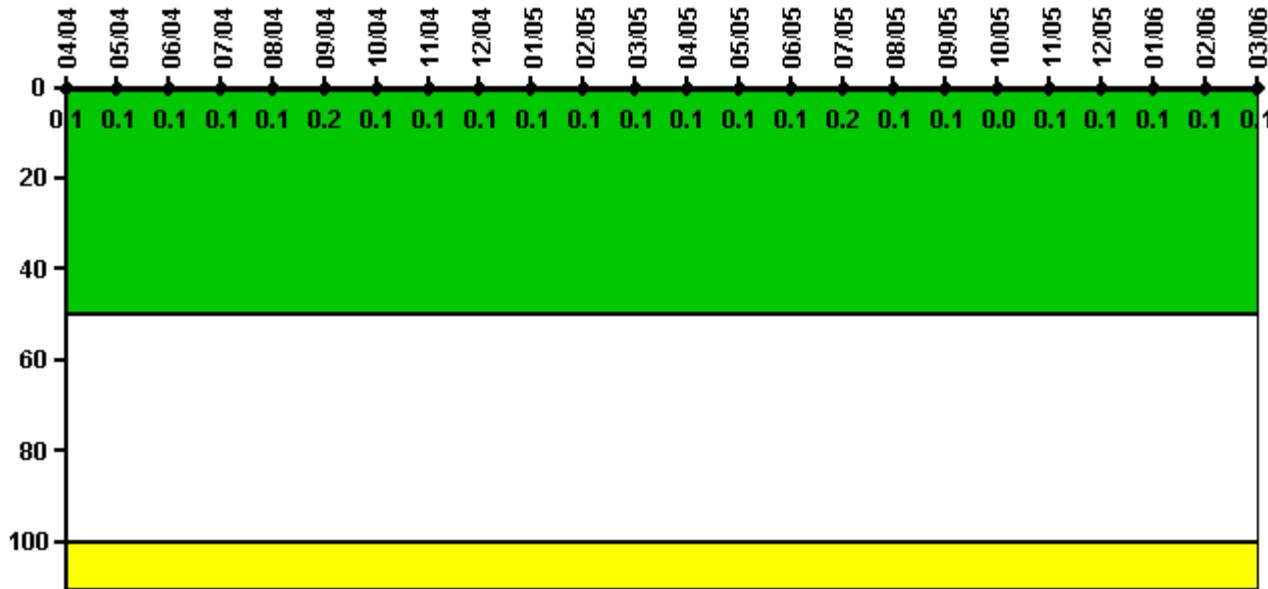
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

Reactor Coolant System Activity



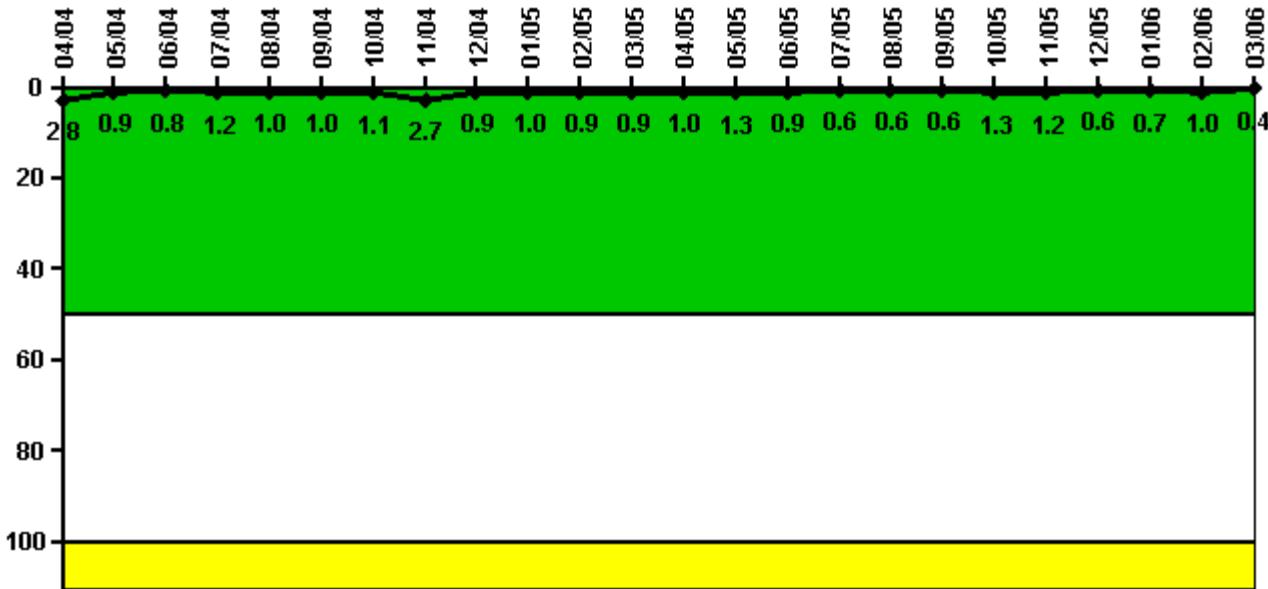
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum activity	0.000522	0.001160	0.000589	0.000646	0.000759	0.001617	0.000749	0.000787	0.000841	0.000948	0.000843	0.000870
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.001060	0.000930	0.000962	0.002284	0.001245	0.000876	0.000482	0.000553	0.001411	0.000687	0.000661	0.000647
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



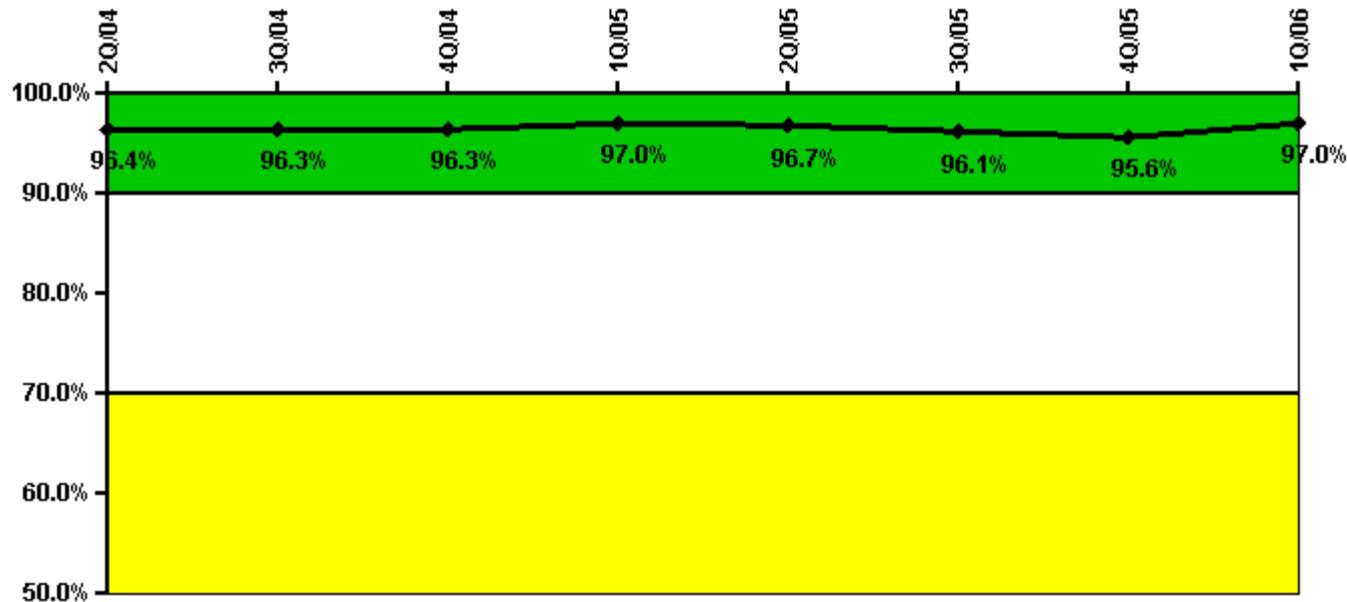
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/04	5/04	6/04	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05
Maximum leakage	0.284	0.086	0.078	0.118	0.104	0.099	0.105	0.272	0.090	0.103	0.085	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	0.9	0.8	1.2	1.0	1.0	1.1	2.7	0.9	1.0	0.9	0.9
Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.100	0.131	0.091	0.062	0.061	0.055	0.132	0.123	0.062	0.070	0.100	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.3	0.9	0.6	0.6	0.6	1.3	1.2	0.6	0.7	1.0	0.4

Licensee Comments: none

Drill/Exercise Performance



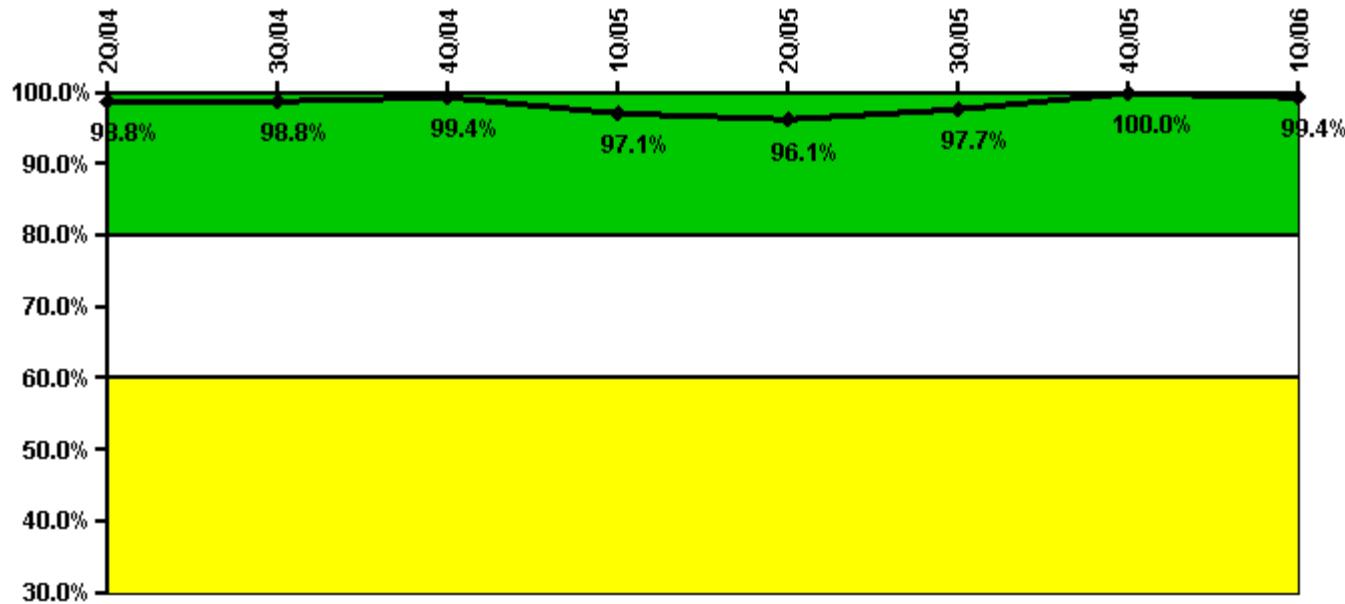
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful opportunities	23.0	0	13.0	17.0	11.0	14.0	60.0	25.0
Total opportunities	24.0	0	13.0	17.0	11.0	15.0	62.0	26.0
Indicator value	96.4%	96.3%	96.3%	97.0%	96.7%	96.1%	95.6%	97.0%

Licensee Comments: none

ERO Drill Participation



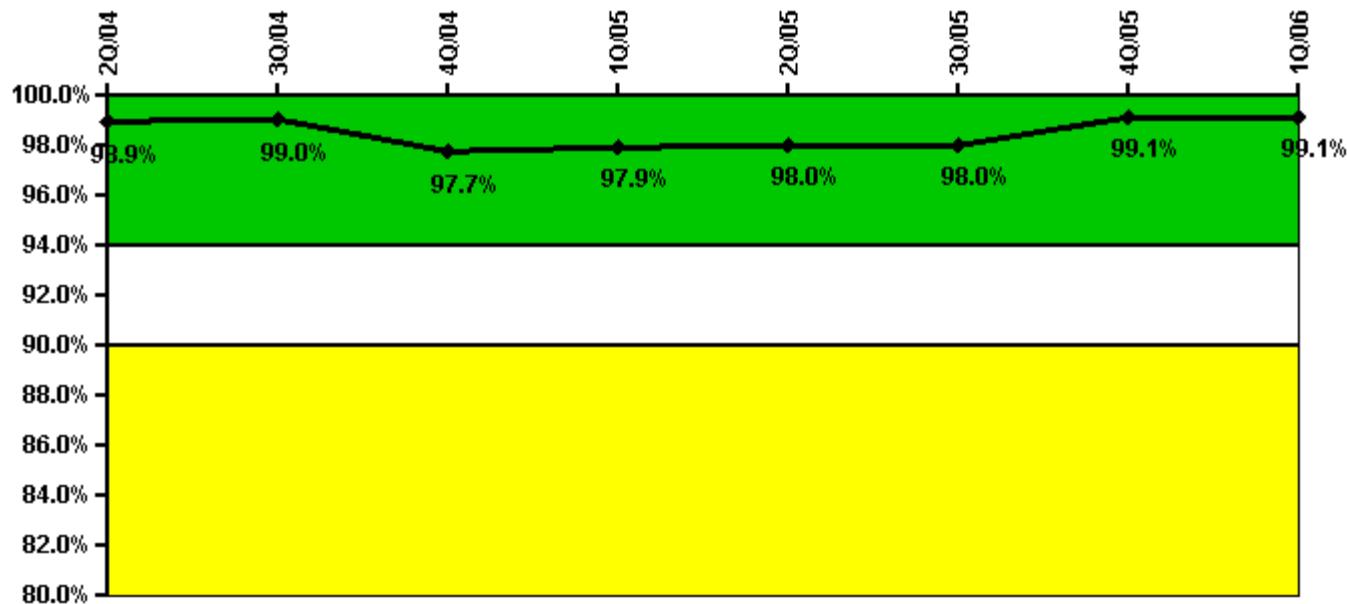
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Participating Key personnel	170.0	169.0	168.0	169.0	171.0	170.0	178.0	174.0
Total Key personnel	172.0	171.0	169.0	174.0	178.0	174.0	178.0	175.0
Indicator value	98.8%	98.8%	99.4%	97.1%	96.1%	97.7%	100.0%	99.4%

Licensee Comments: none

Alert & Notification System



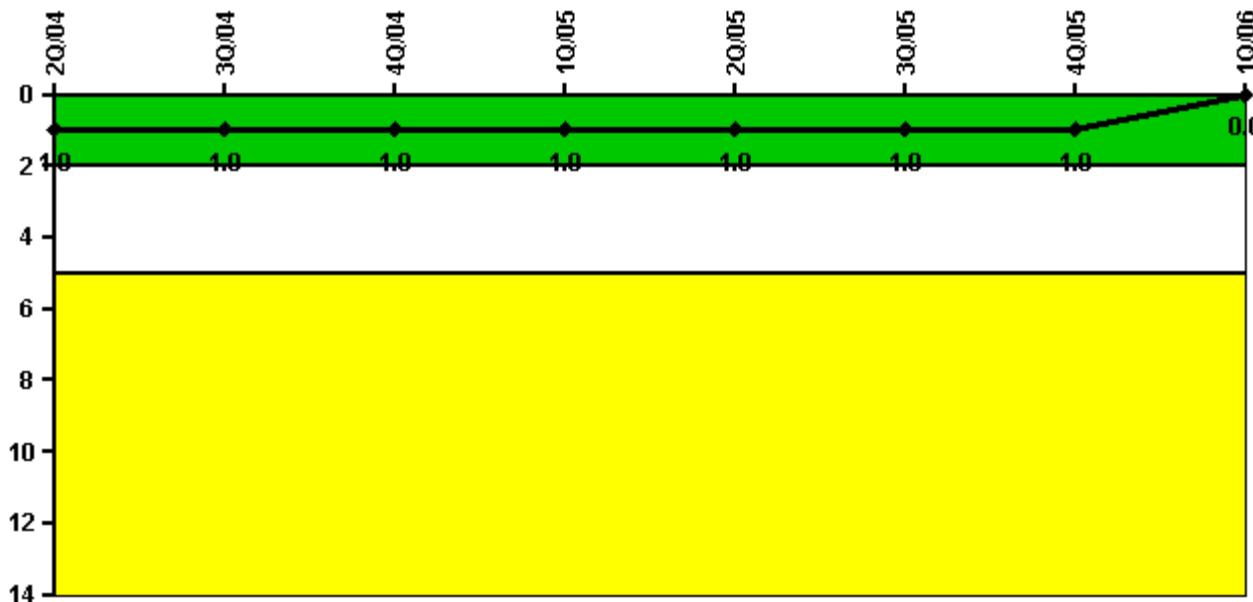
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
Successful siren-tests	1794	1868	1682	1804	1803	1804	1763	1803
Total sirens-tests	1809	1876	1809	1809	1809	1809	1809	1809
Indicator value	98.9%	99.0%	97.7%	97.9%	98.0%	98.0%	99.1%	99.1%

Licensee Comments: none

Occupational Exposure Control Effectiveness

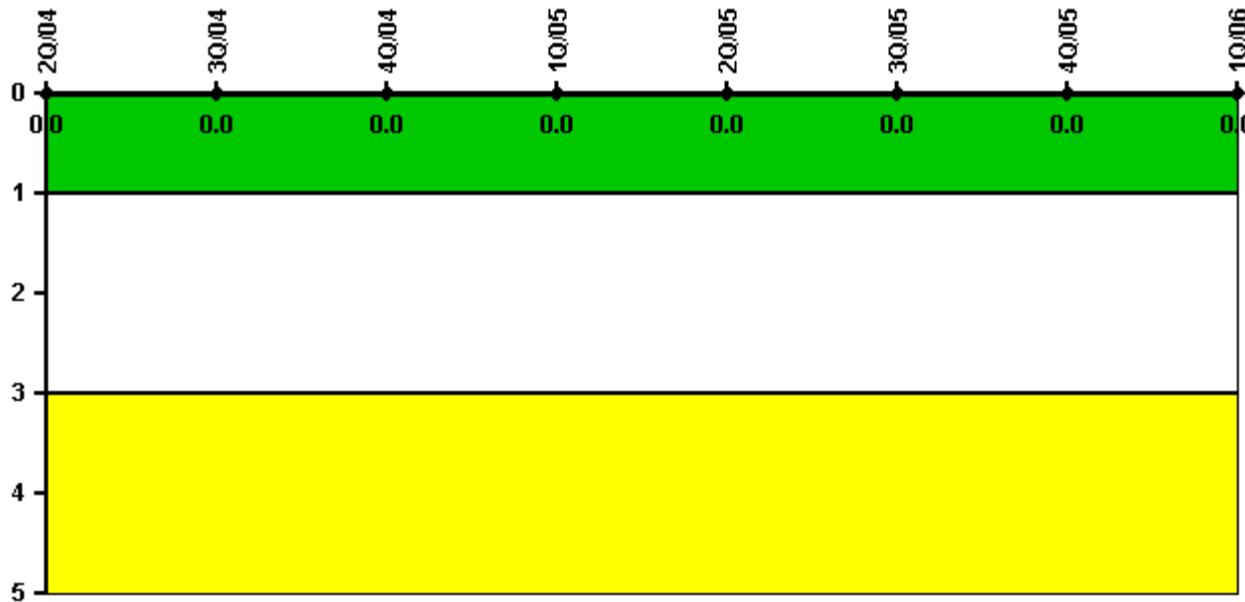


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0						

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.

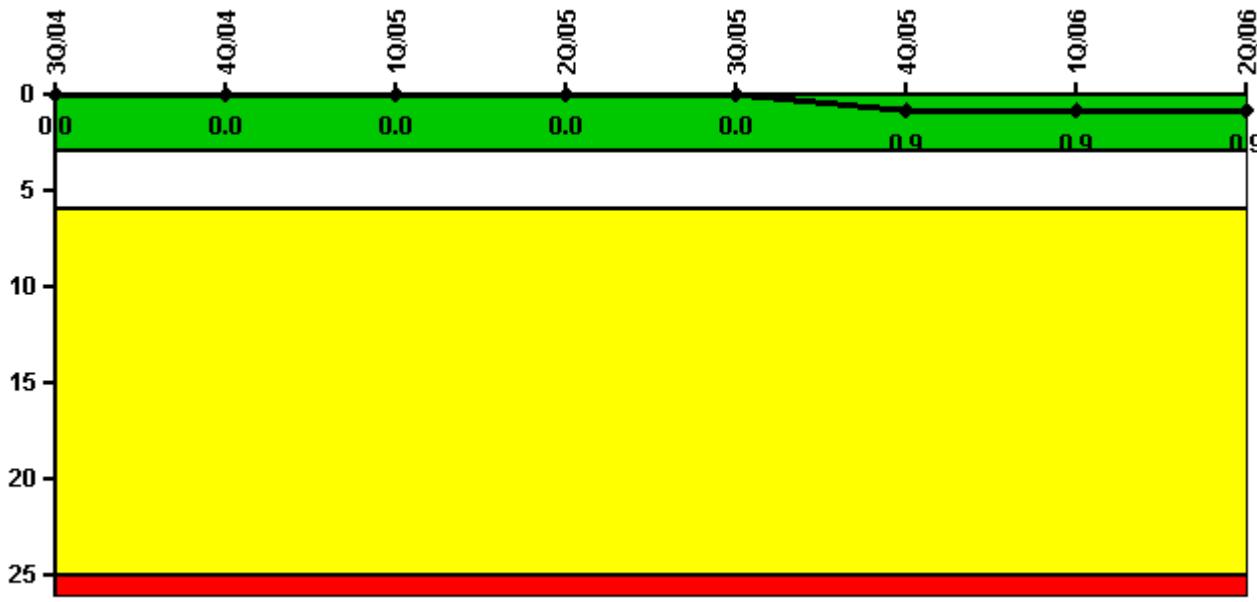


[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: May 5, 2006

McGuire 1**2Q/2006 Performance Indicators**

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs**Notes**

Unplanned Scrams per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2208.0	1640.6	2160.0	2183.0	1879.0	1776.2	2160.0	2183.0
Indicator value	0	0	0	0	0	0.9	0.9	0.9

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

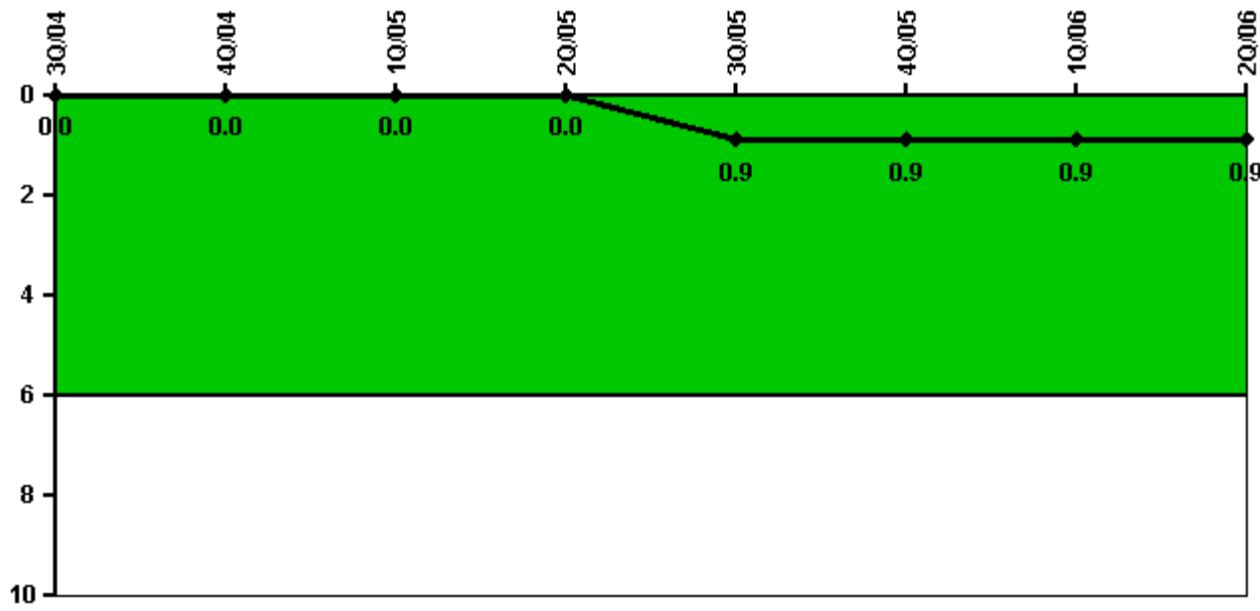
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

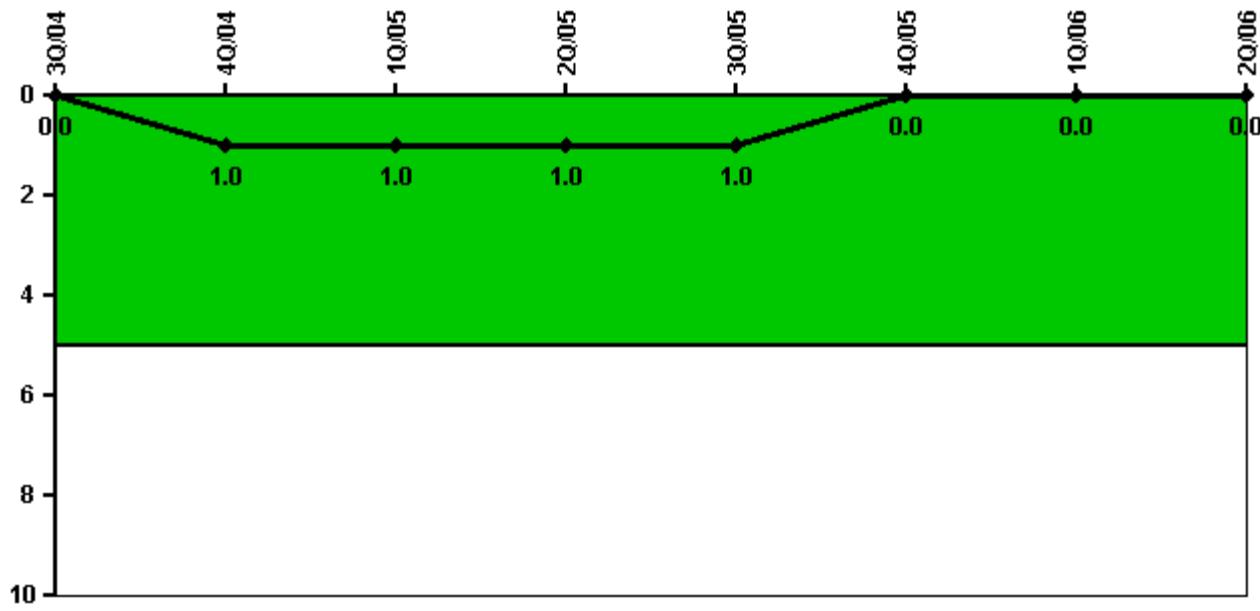


Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Unplanned power changes	0	0	0	0	1.0	0	0	0
Critical hours	2208.0	1640.6	2160.0	2183.0	1879.0	1776.2	2160.0	2183.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.9

Licensee Comments: none

Safety System Functional Failures (PWR)

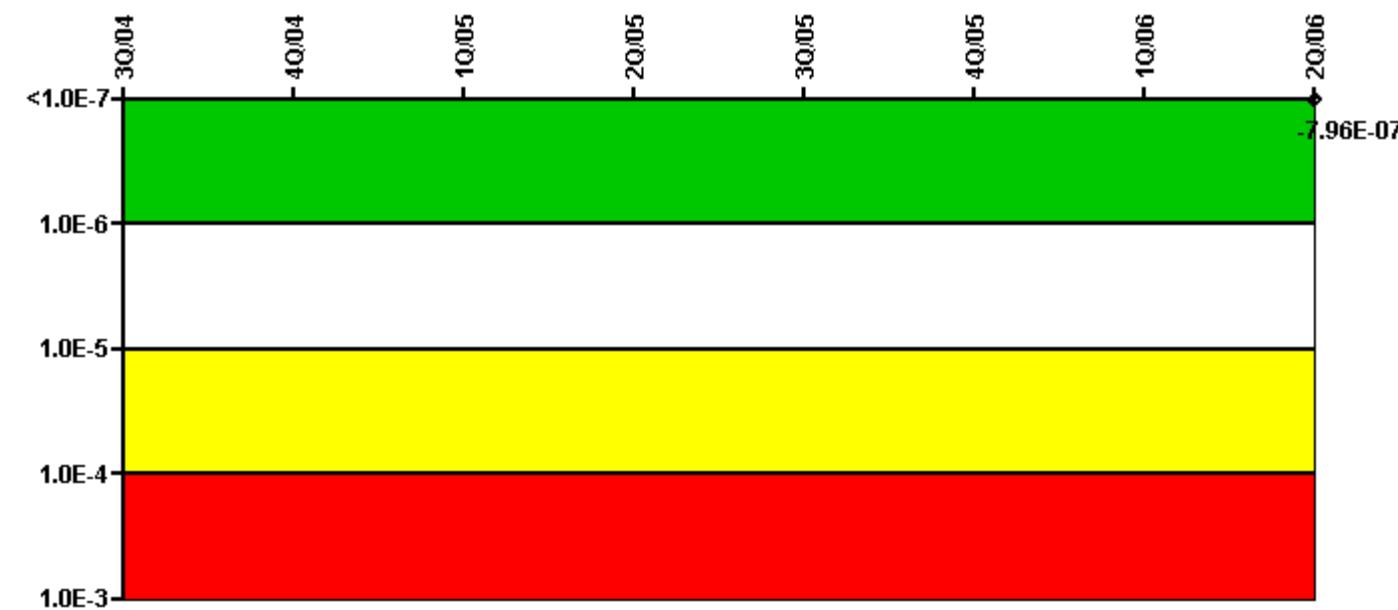
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



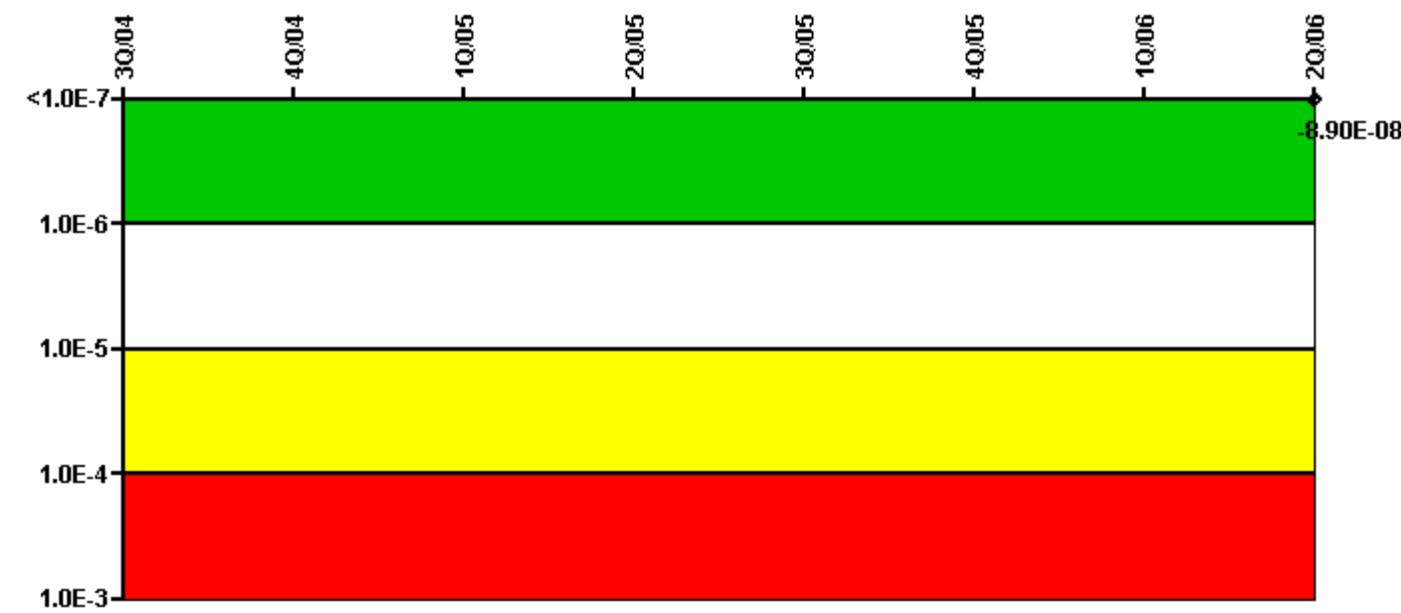
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-2.60E-08
URI (Δ CDF)								-7.70E-07
PLE								NO
Indicator value								-7.96E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



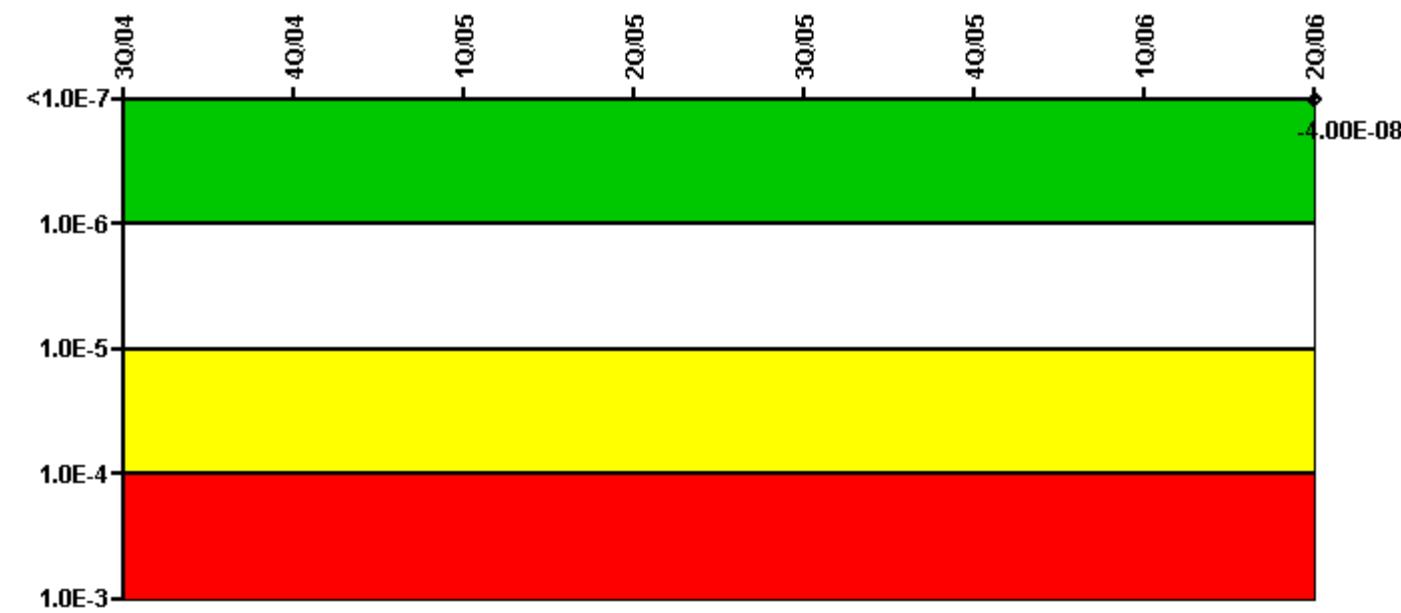
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-1.30E-08
URI (Δ CDF)								-7.60E-08
PLE								NO
Indicator value								-8.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



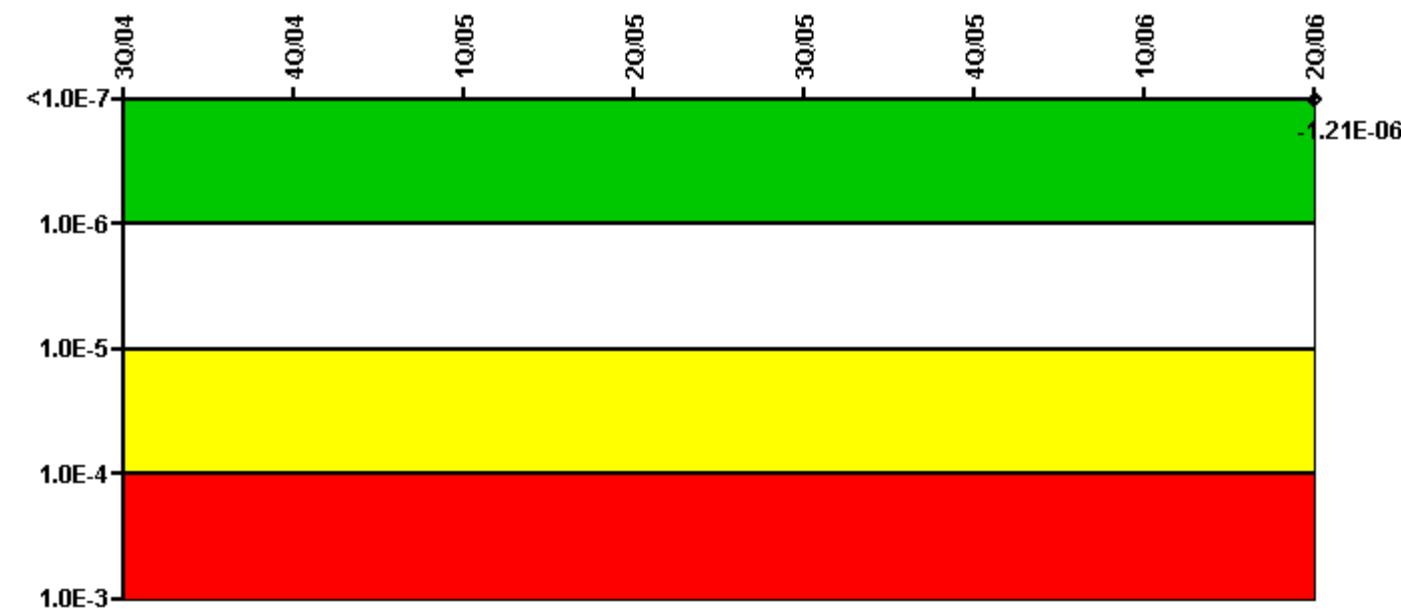
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								1.20E-07
URI (Δ CDF)								-1.60E-07
PLE								NO
Indicator value								-4.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



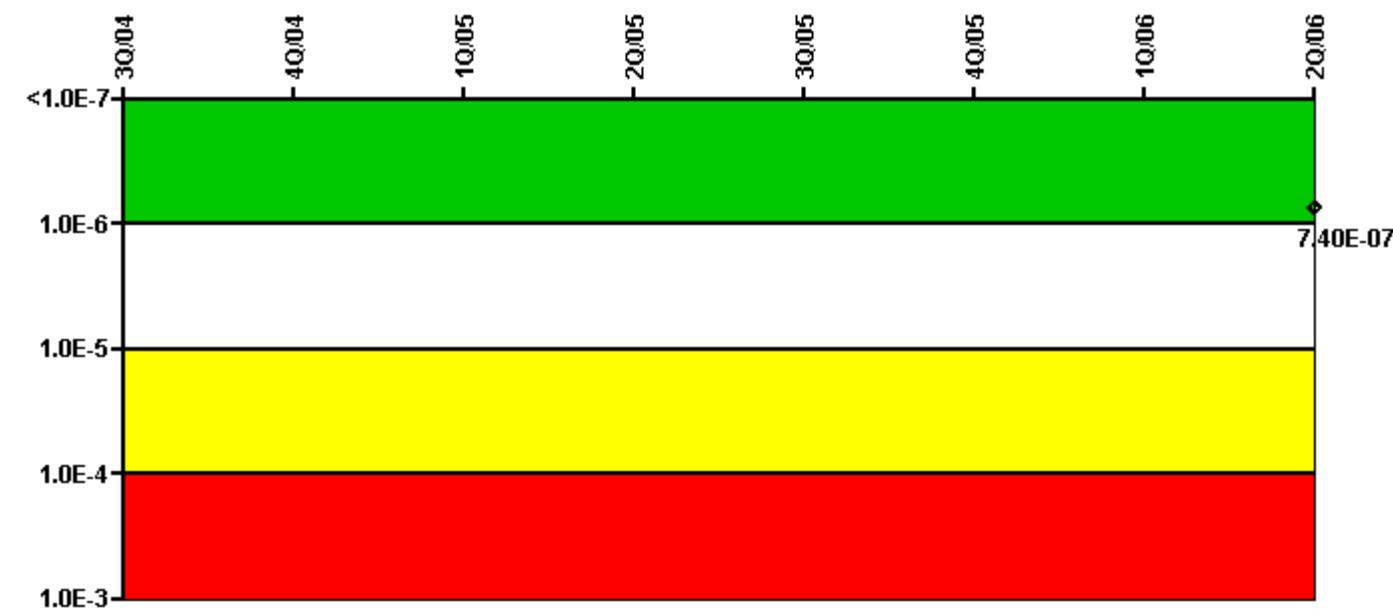
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								-9.40E-07
URI (Δ CDF)								-2.70E-07
PLE								NO
Indicator value								-1.21E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



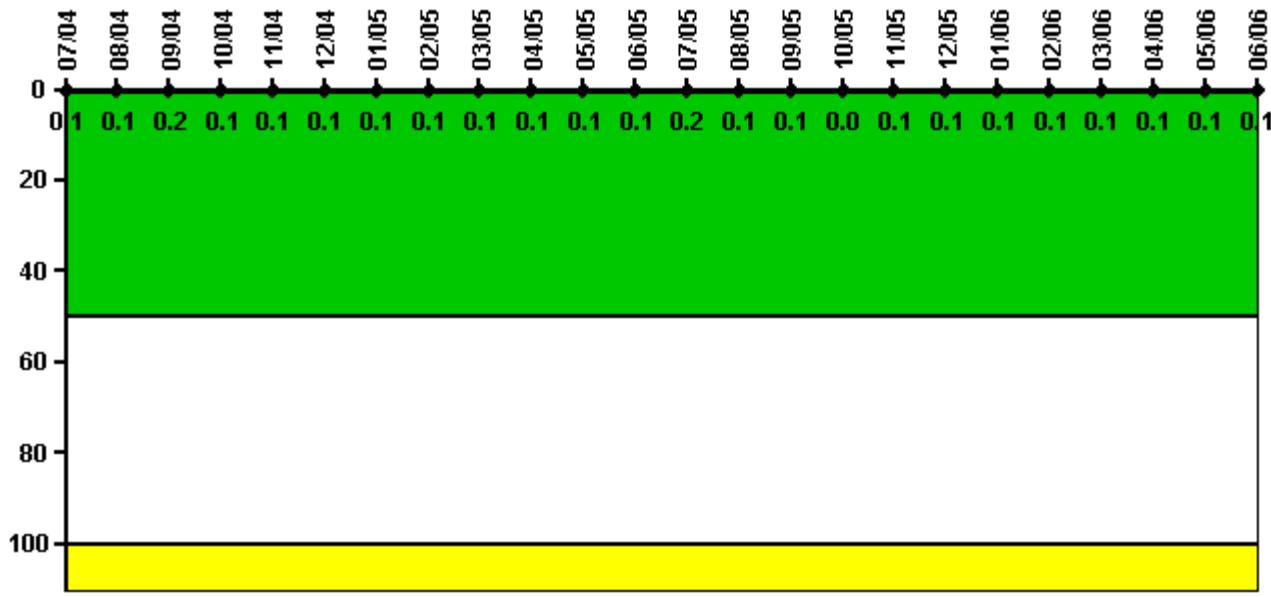
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
UAI (Δ CDF)								$1.70E-06$
URI (Δ CDF)								$-9.60E-07$
PLE								NO
Indicator value								$7.40E-07$

Licensee Comments: none

Reactor Coolant System Activity



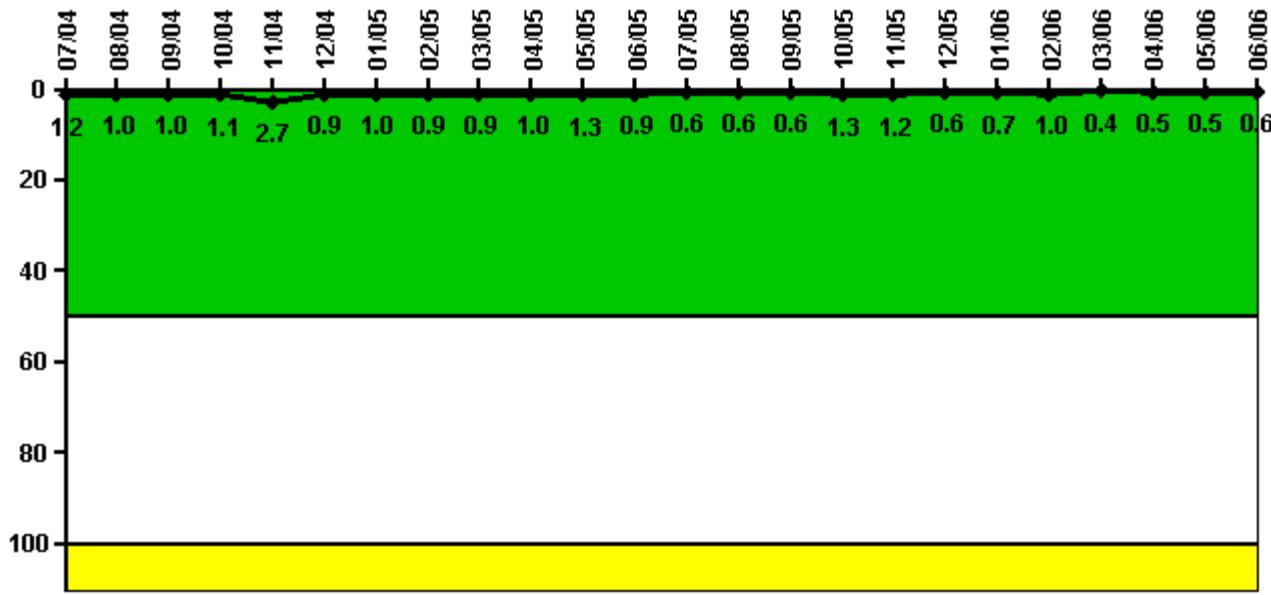
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum activity	0.000646	0.000759	0.001617	0.000749	0.000787	0.000841	0.000948	0.000843	0.000870	0.001060	0.000930	0.000962
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.002284	0.001245	0.000876	0.000482	0.000553	0.001411	0.000687	0.000661	0.000647	0.000918	0.000780	0.000916
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



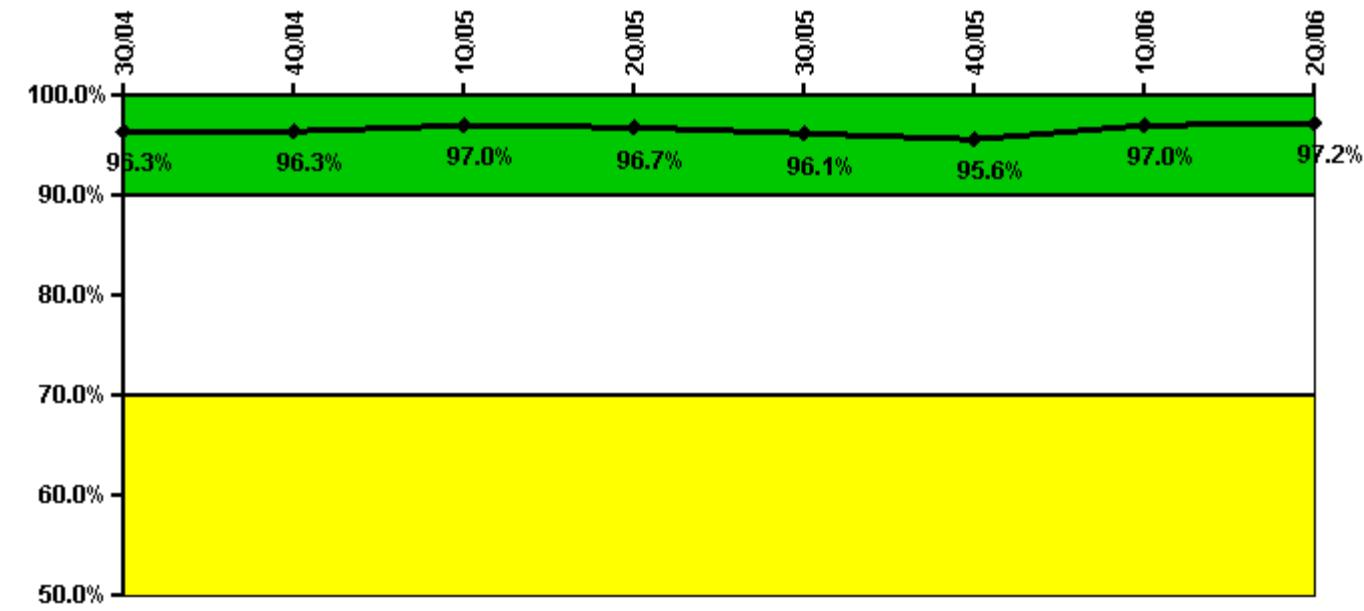
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/04	8/04	9/04	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05
Maximum leakage	0.118	0.104	0.099	0.105	0.272	0.090	0.103	0.085	0.089	0.100	0.131	0.091
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.0	1.0	1.1	2.7	0.9	1.0	0.9	0.9	1.0	1.3	0.9
Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.062	0.061	0.055	0.132	0.123	0.062	0.070	0.100	0.042	0.048	0.051	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.6	1.3	1.2	0.6	0.7	1.0	0.4	0.5	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



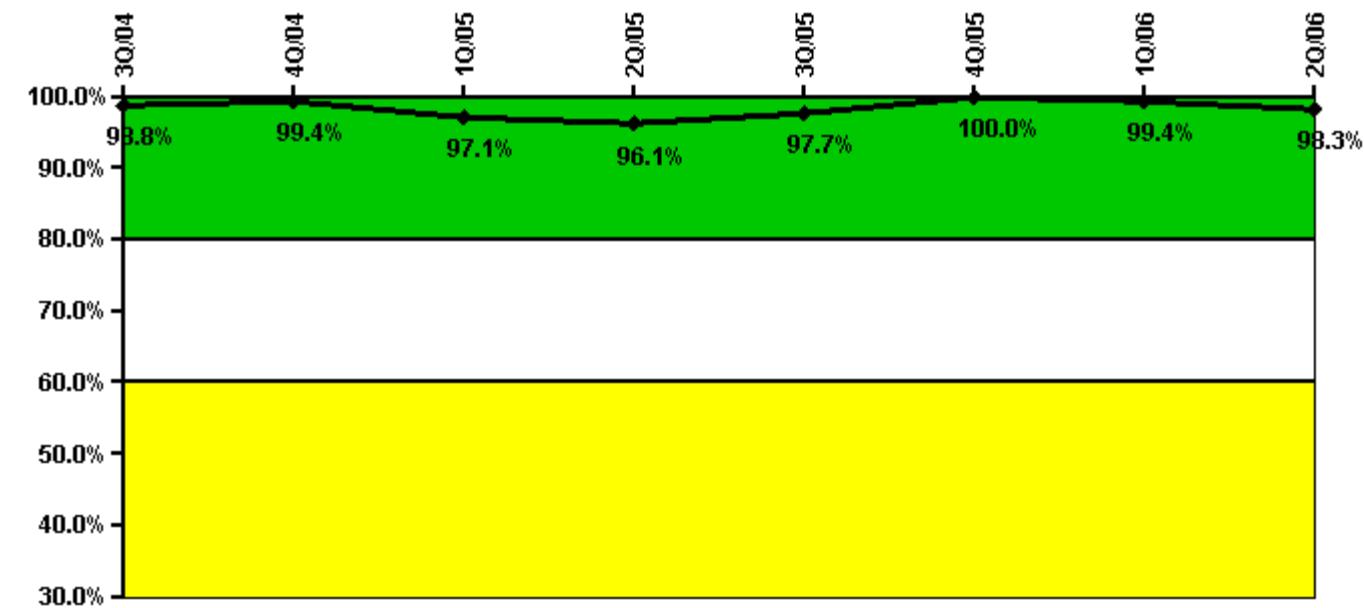
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful opportunities	0	13.0	17.0	11.0	14.0	60.0	25.0	0
Total opportunities	0	13.0	17.0	11.0	15.0	62.0	26.0	0
Indicator value	96.3%	96.3%	97.0%	96.7%	96.1%	95.6%	97.0%	97.2%

Licensee Comments: none

ERO Drill Participation



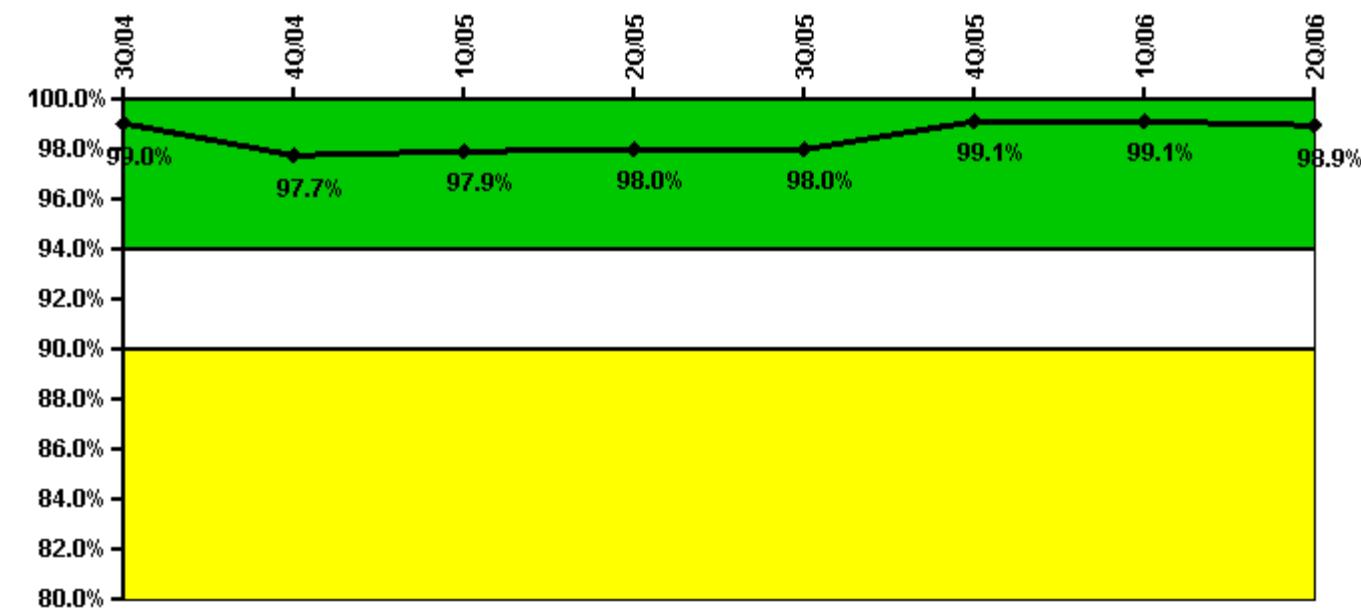
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Participating Key personnel	169.0	168.0	169.0	171.0	170.0	178.0	174.0	173.0
Total Key personnel	171.0	169.0	174.0	178.0	174.0	178.0	175.0	176.0
Indicator value	98.8%	99.4%	97.1%	96.1%	97.7%	100.0%	99.4%	98.3%

Licensee Comments: none

Alert & Notification System



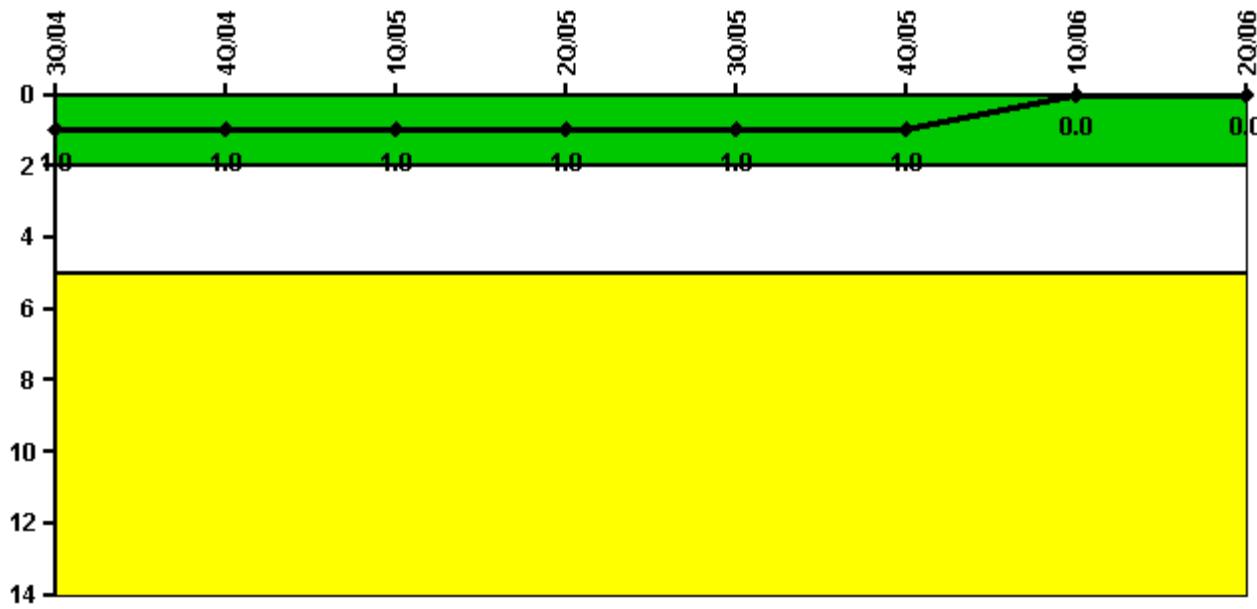
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
Successful siren-tests	1868	1682	1804	1803	1804	1763	1803	1787
Total sirens-tests	1876	1809	1809	1809	1809	1809	1809	1809
Indicator value	99.0%	97.7%	97.9%	98.0%	98.0%	99.1%	99.1%	98.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

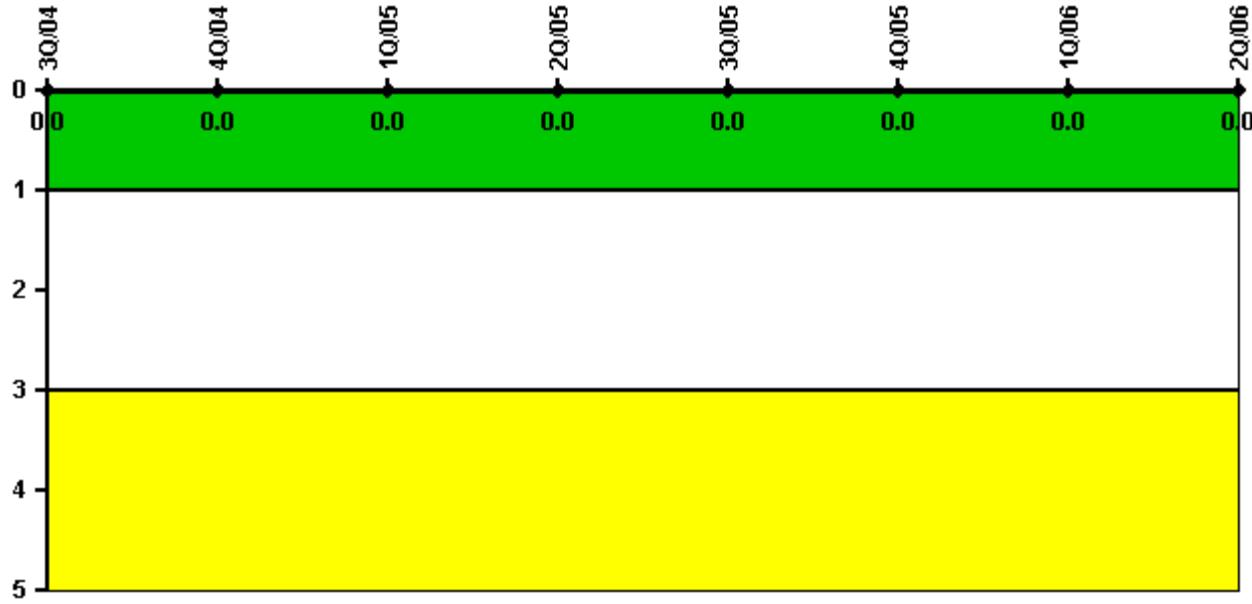


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
High radiation area occurrences	0	0	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

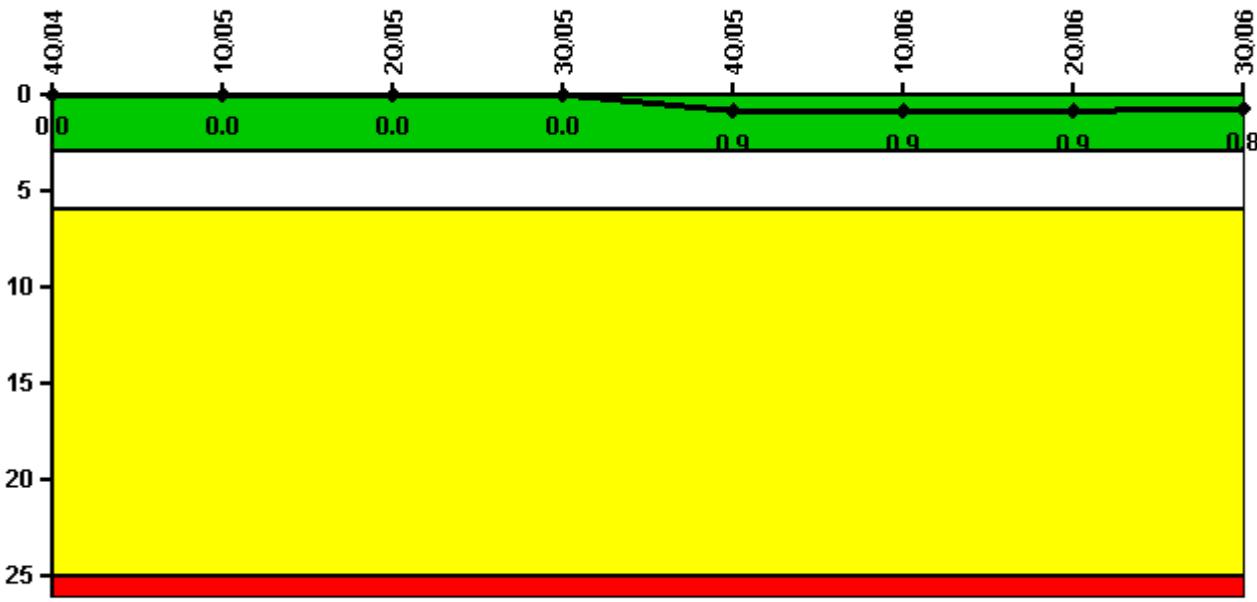
Last Modified: August 2, 2006

McGuire 1

3Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned scrams	0	0	0	0	1.0	0	0	0
Critical hours	1640.6	2160.0	2183.0	1879.0	1776.2	2160.0	2183.0	2208.0
Indicator value	0	0	0	0	0.9	0.9	0.9	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

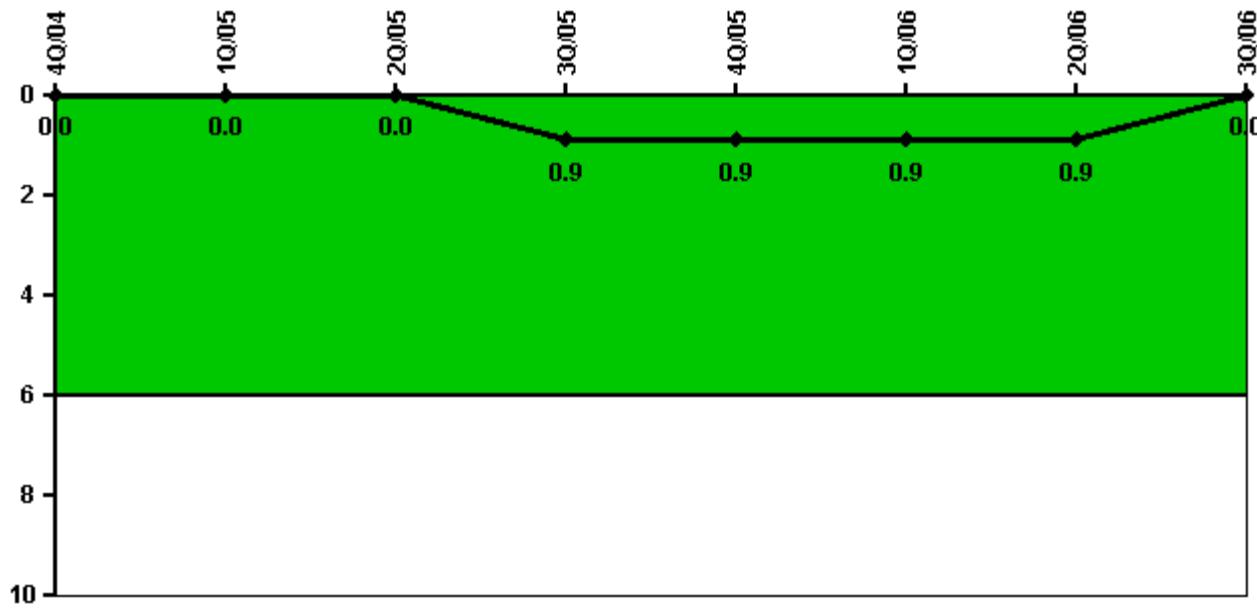
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

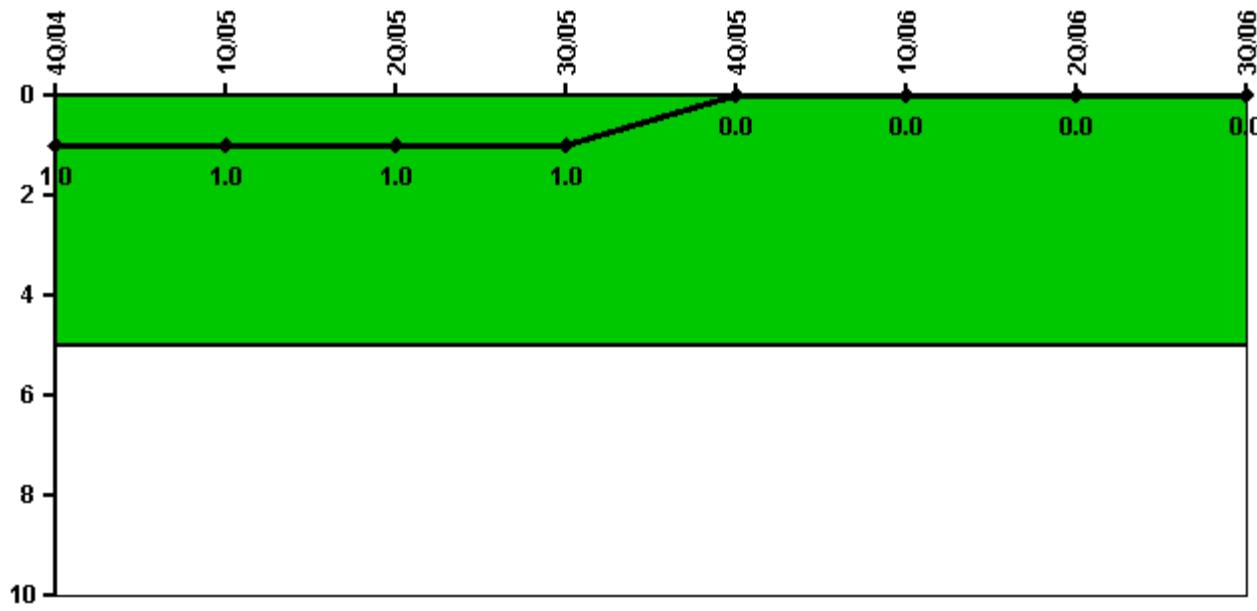


Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Unplanned power changes	0	0	0	1.0	0	0	0	0
Critical hours	1640.6	2160.0	2183.0	1879.0	1776.2	2160.0	2183.0	2208.0
Indicator value	0	0	0	0.9	0.9	0.9	0.9	0

Licensee Comments: none

Safety System Functional Failures (PWR)

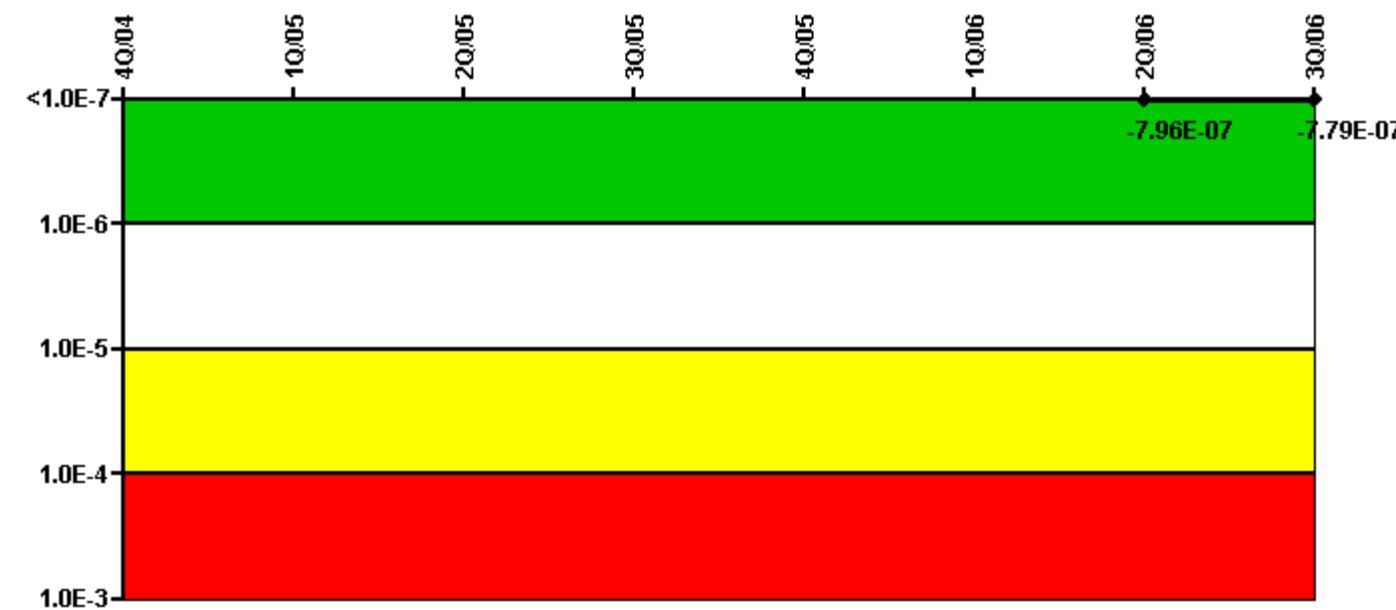
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



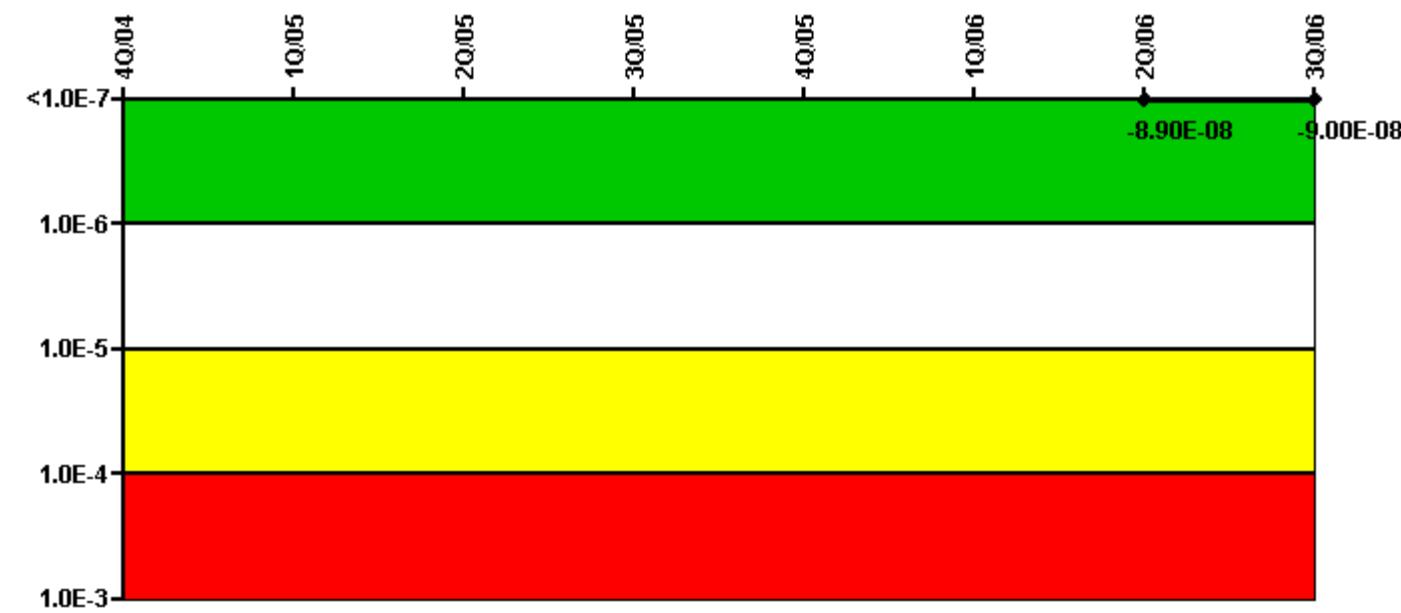
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-2.60E-08	-8.50E-09
URI (Δ CDF)							-7.70E-07	-7.70E-07
PLE							NO	NO
Indicator value							-7.96E-07	-7.79E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



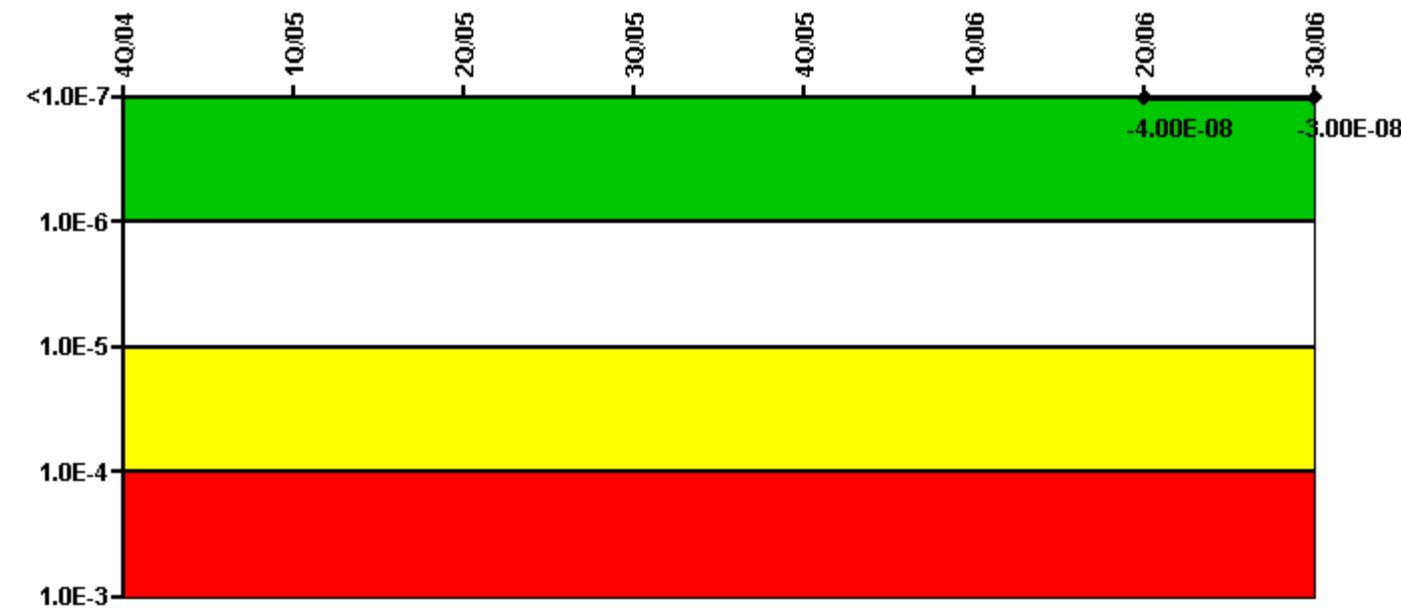
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-1.30E-08	-1.40E-08
URI (Δ CDF)							-7.60E-08	-7.60E-08
PLE							NO	NO
Indicator value							-8.90E-08	-9.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



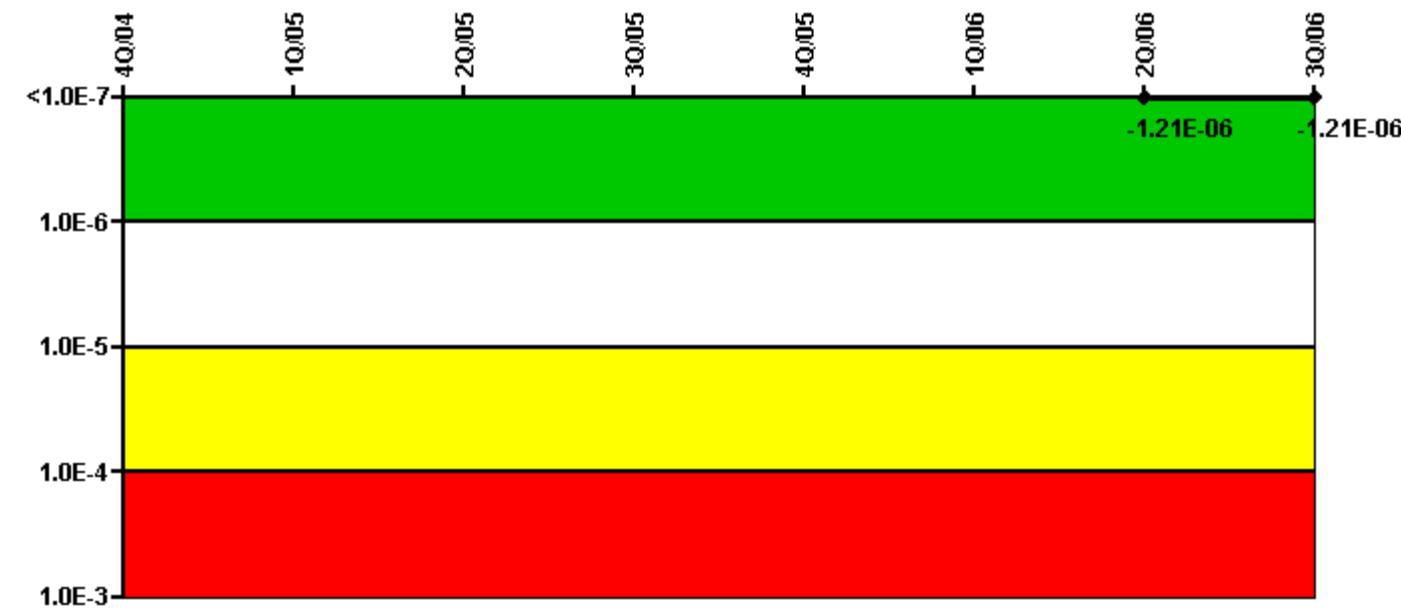
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							1.20E-07	1.30E-07
URI (ΔCDF)							-1.60E-07	-1.60E-07
PLE							NO	NO
Indicator value							-4.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



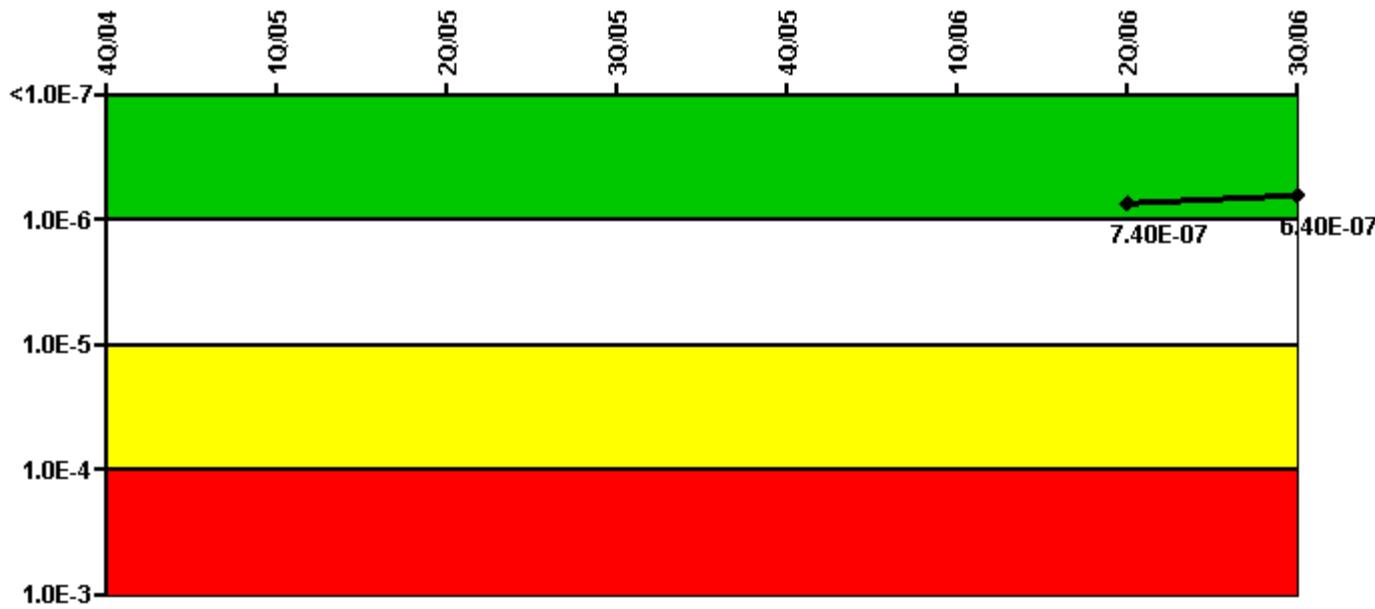
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (Δ CDF)							-9.40E-07	-9.40E-07
URI (Δ CDF)							-2.70E-07	-2.70E-07
PLE							NO	NO
Indicator value							-1.21E-06	-1.21E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



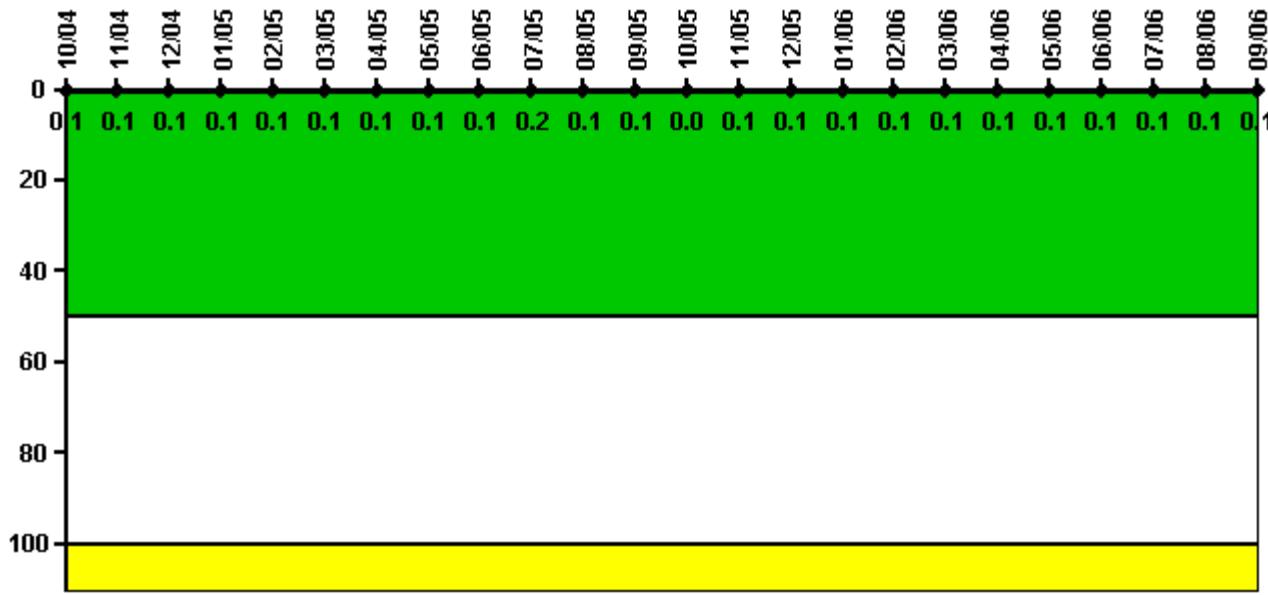
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
UAI (ΔCDF)							1.70E-06	1.60E-06
URI (ΔCDF)							-9.60E-07	-9.60E-07
PLE							NO	NO
Indicator value							7.40E-07	6.40E-07

Licensee Comments: none

Reactor Coolant System Activity



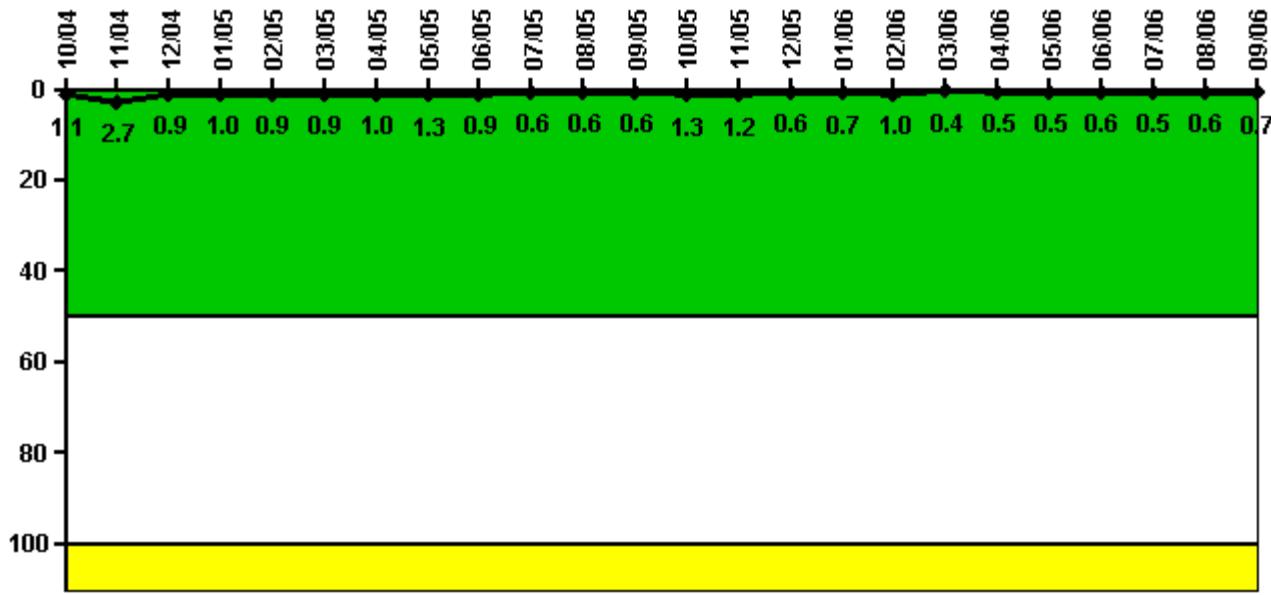
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum activity	0.000749	0.000787	0.000841	0.000948	0.000843	0.000870	0.001060	0.000930	0.000962	0.002284	0.001245	0.000876
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1
Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000482	0.000553	0.001411	0.000687	0.000661	0.000647	0.000918	0.000780	0.000916	0.000837	0.000857	0.000759
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



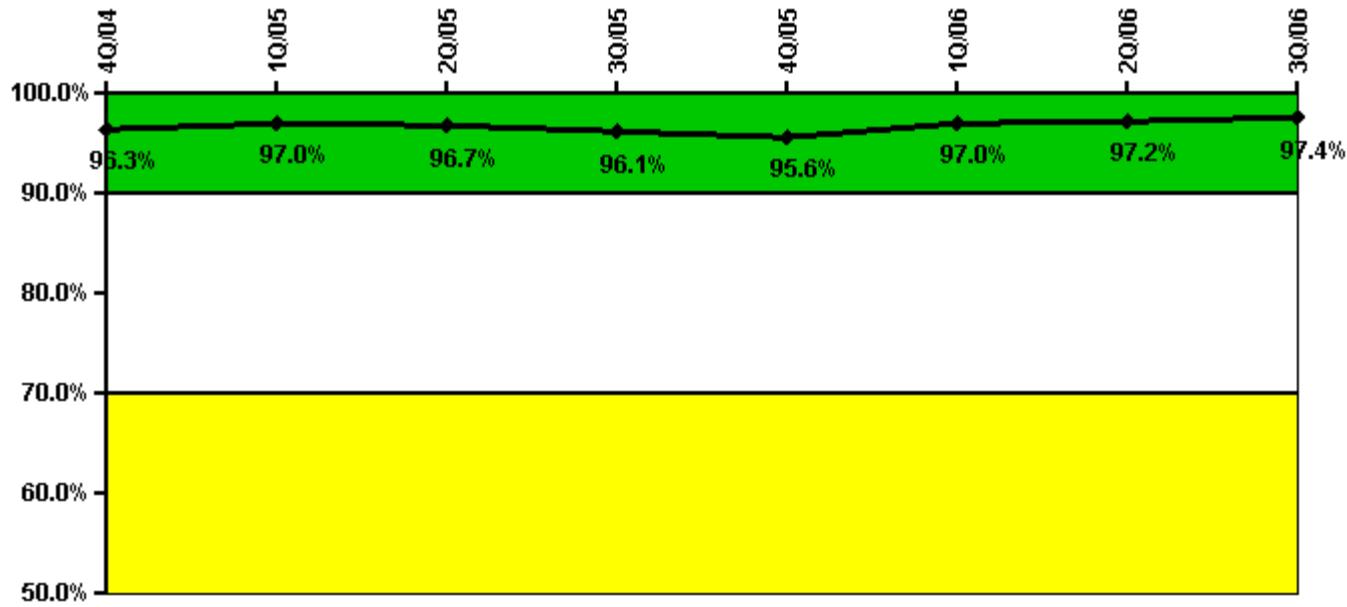
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/04	11/04	12/04	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05
Maximum leakage	0.105	0.272	0.090	0.103	0.085	0.089	0.100	0.131	0.091	0.062	0.061	0.055
Indicator value	1.1	2.7	0.9	1.0	0.9	0.9	1.0	1.3	0.9	0.6	0.6	0.6
Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.132	0.123	0.062	0.070	0.100	0.042	0.048	0.051	0.062	0.052	0.059	0.068
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.2	0.6	0.7	1.0	0.4	0.5	0.5	0.6	0.5	0.6	0.7

Licensee Comments: none

Drill/Exercise Performance



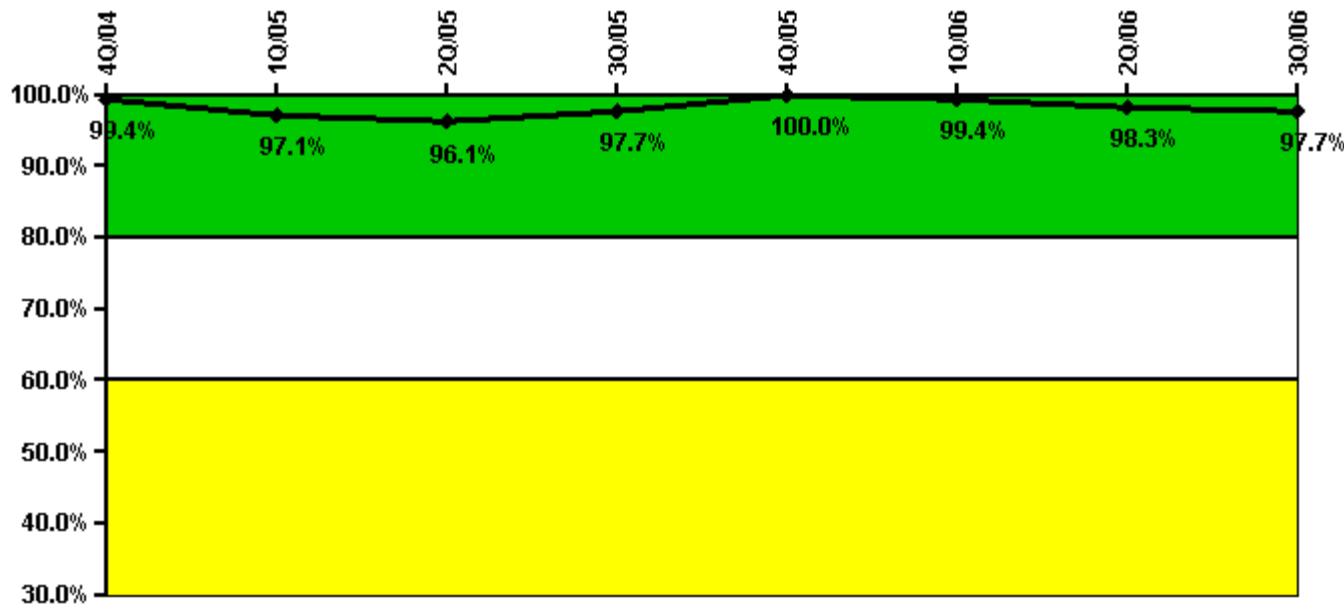
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful opportunities	13.0	17.0	11.0	14.0	60.0	25.0	0	8.0
Total opportunities	13.0	17.0	11.0	15.0	62.0	26.0	0	8.0
Indicator value	96.3%	97.0%	96.7%	96.1%	95.6%	97.0%	97.2%	97.4%

Licensee Comments: none

ERO Drill Participation



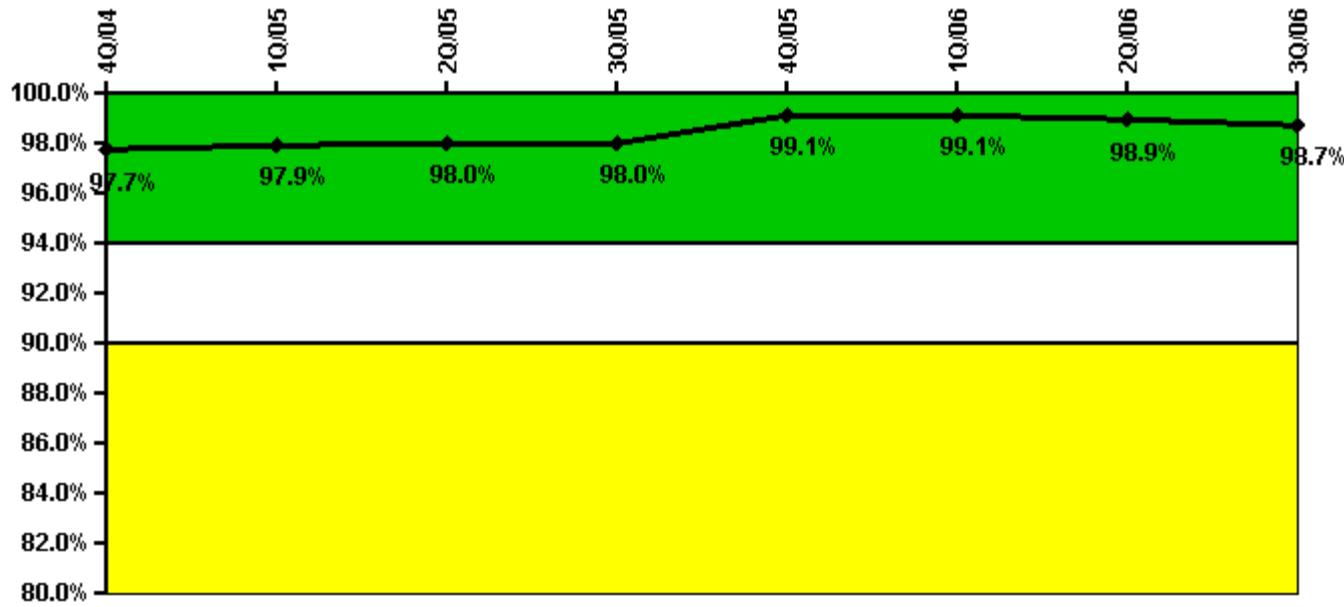
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Participating Key personnel	168.0	169.0	171.0	170.0	178.0	174.0	173.0	173.0
Total Key personnel	169.0	174.0	178.0	174.0	178.0	175.0	176.0	177.0
Indicator value	99.4%	97.1%	96.1%	97.7%	100.0%	99.4%	98.3%	97.7%

Licensee Comments: none

Alert & Notification System



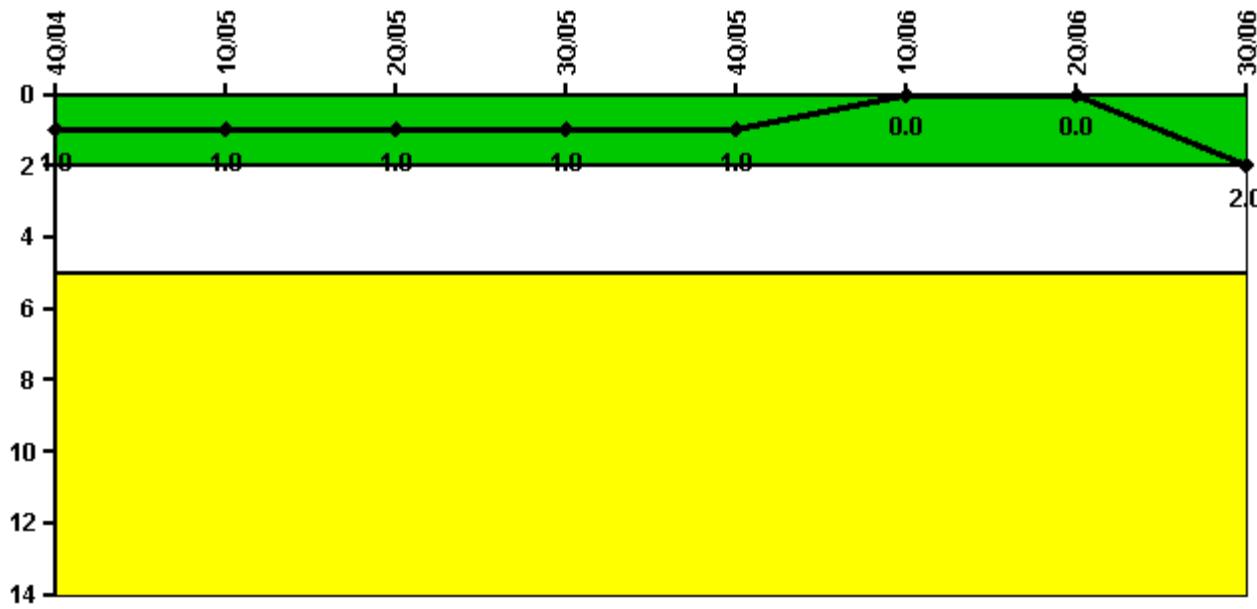
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
Successful siren-tests	1682	1804	1803	1804	1763	1803	1787	1790
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	97.7%	97.9%	98.0%	98.0%	99.1%	99.1%	98.9%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

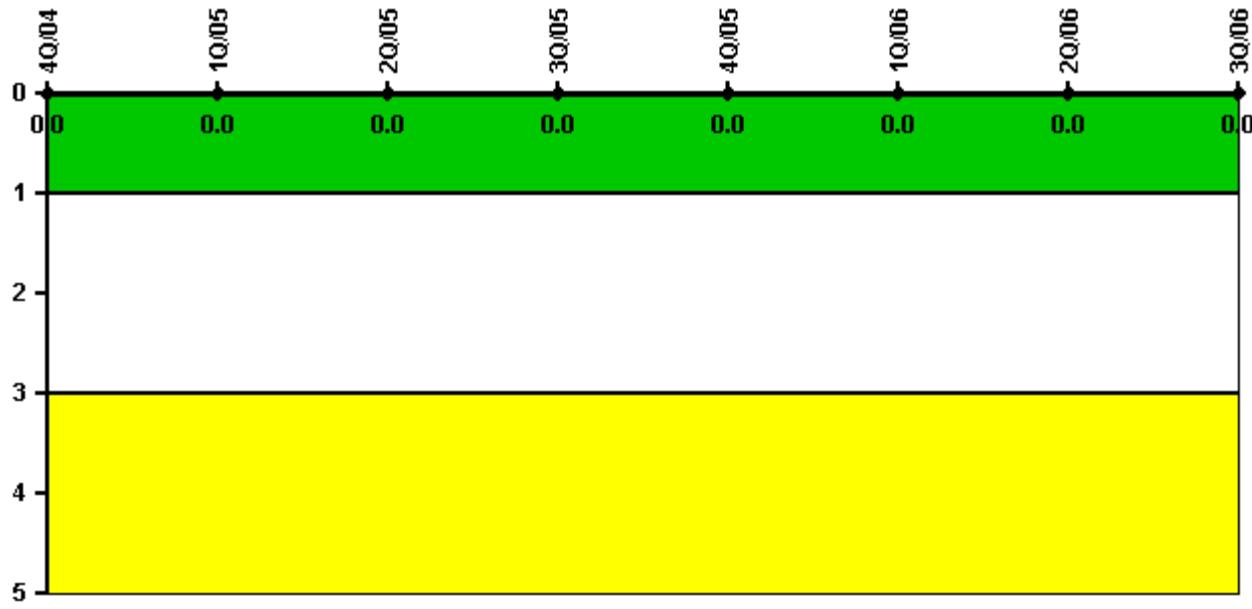


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
High radiation area occurrences	0	1	0	0	0	0	0	2
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	1	0	0	2

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/04	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

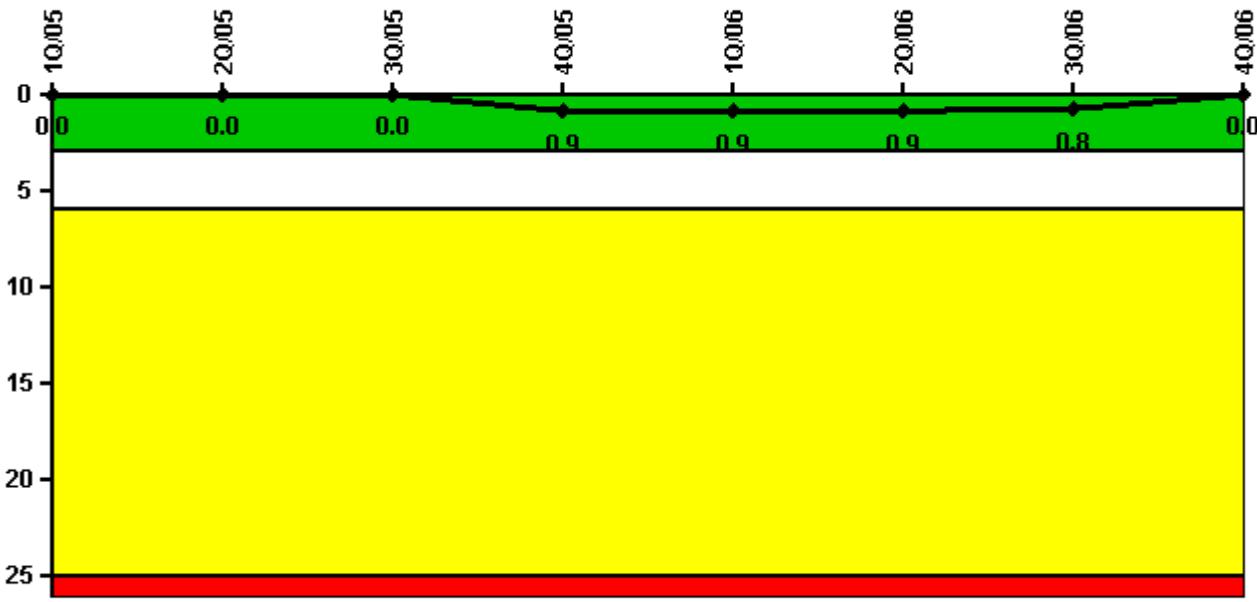
[Physical Protection](#) information not publicly available.

McGuire 1

4Q/2006 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned scrams	0	0	0	1.0	0	0	0	0
Critical hours	2160.0	2183.0	1879.0	1776.2	2160.0	2183.0	2208.0	2209.0
Indicator value	0	0	0	0.9	0.9	0.9	0.8	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal

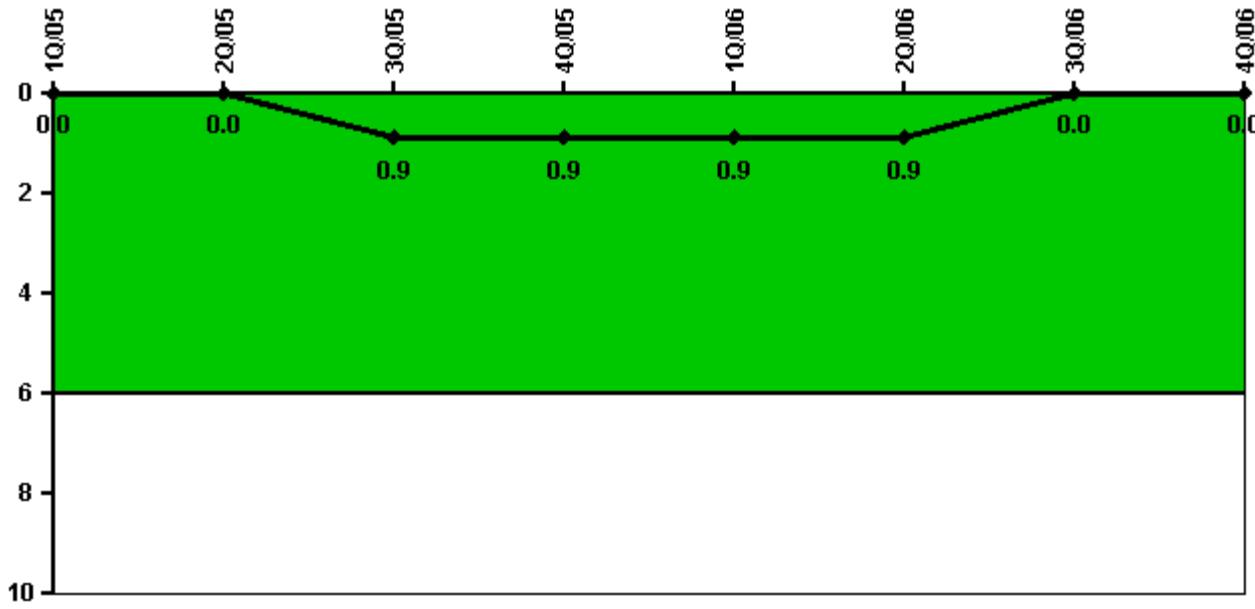
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

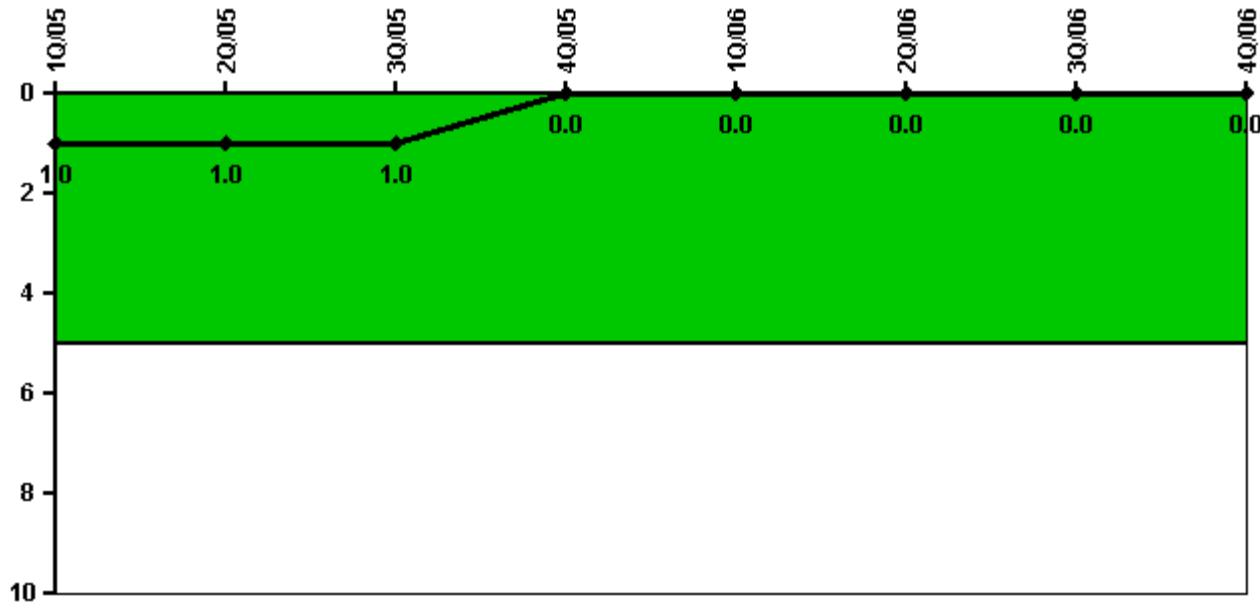


Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2160.0	2183.0	1879.0	1776.2	2160.0	2183.0	2208.0	2209.0
Indicator value	0	0	0.9	0.9	0.9	0.9	0	0

Licensee Comments: none

Safety System Functional Failures (PWR)

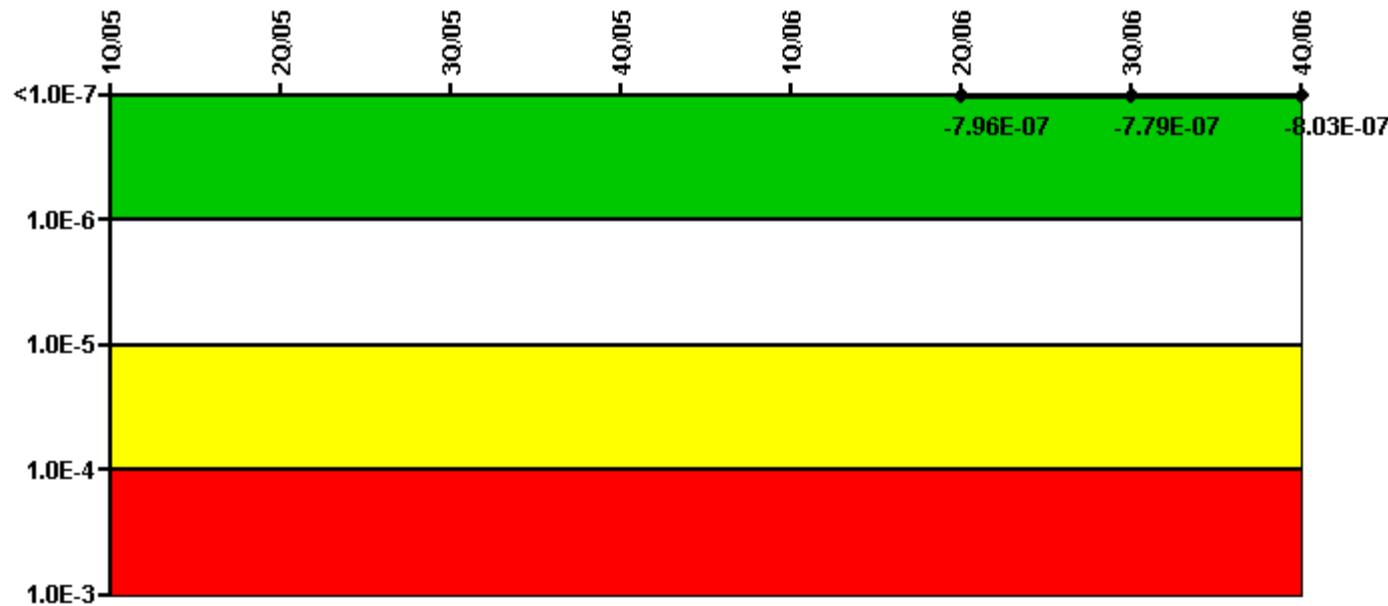
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



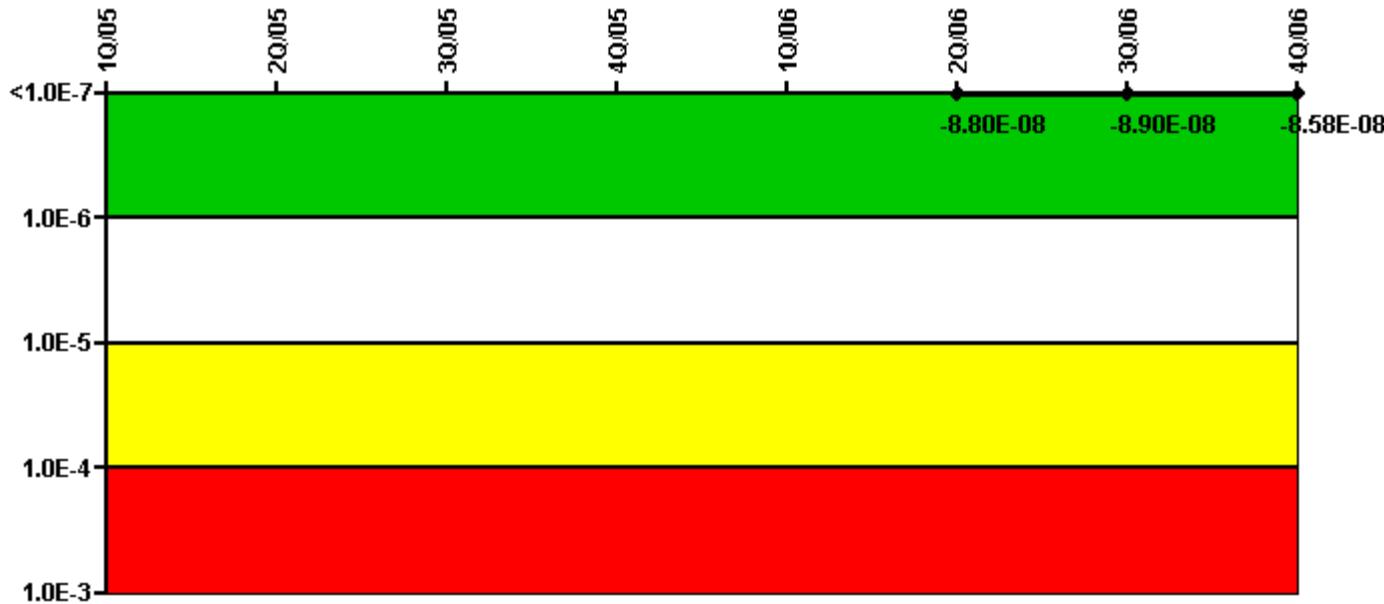
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-2.60E-08	-8.50E-09	-3.30E-08
URI (Δ CDF)						-7.70E-07	-7.70E-07	-7.70E-07
PLE						NO	NO	NO
Indicator value						-7.96E-07	-7.79E-07	-8.03E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-1.20E-08	-1.30E-08	-9.80E-09
URI (Δ CDF)						-7.60E-08	-7.60E-08	-7.60E-08
PLE						NO	NO	NO
Indicator value						-8.80E-08	-8.90E-08	-8.58E-08

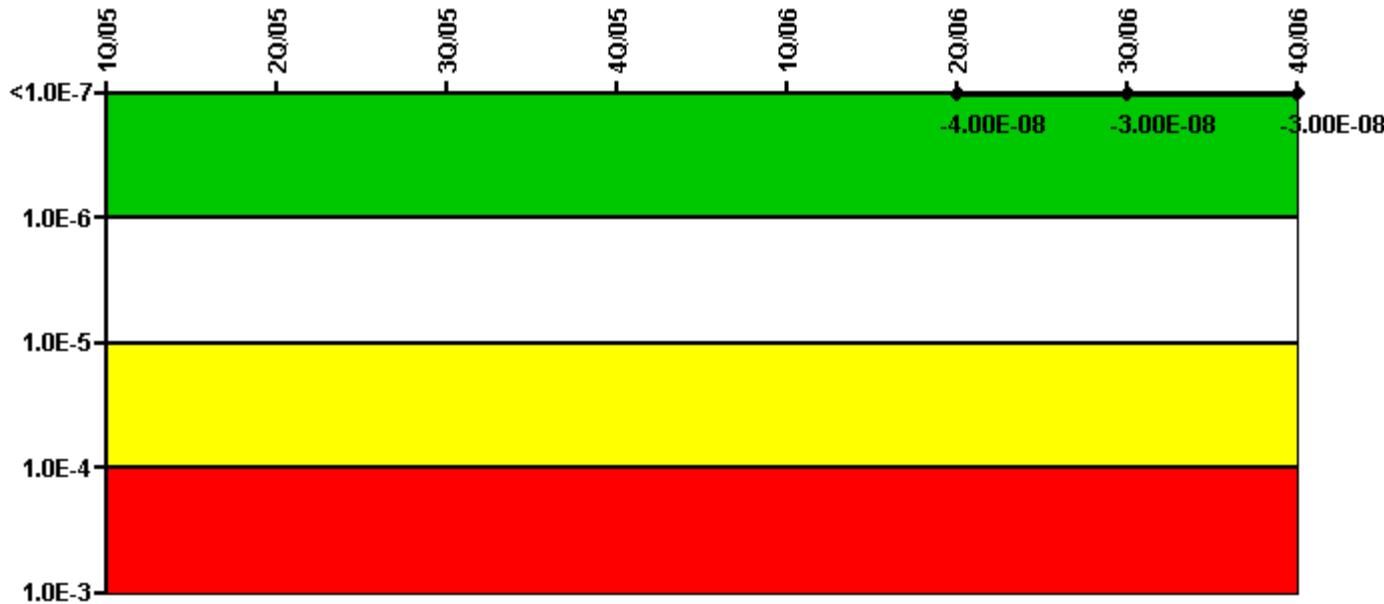
Licensee Comments:

4Q/06: Changed PRA Parameter(s).

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



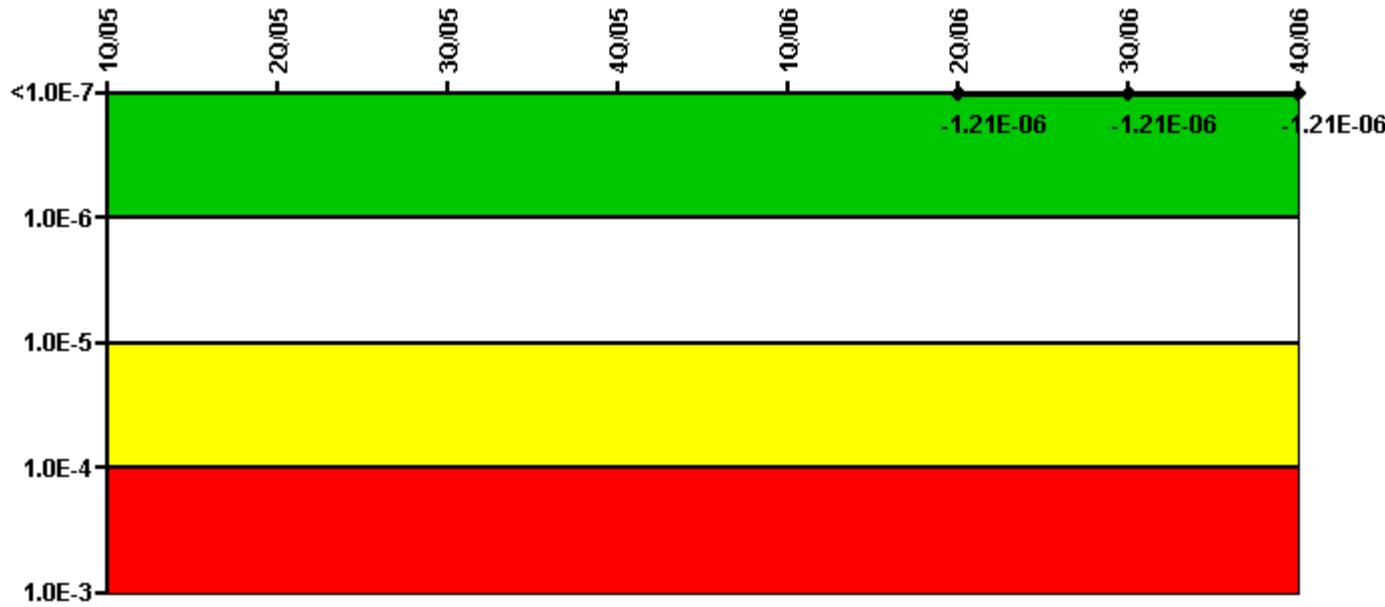
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (ΔCDF)						1.20E-07	1.30E-07	1.30E-07
URI (ΔCDF)						-1.60E-07	-1.60E-07	-1.60E-07
PLE						NO	NO	NO
Indicator value						-4.00E-08	-3.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



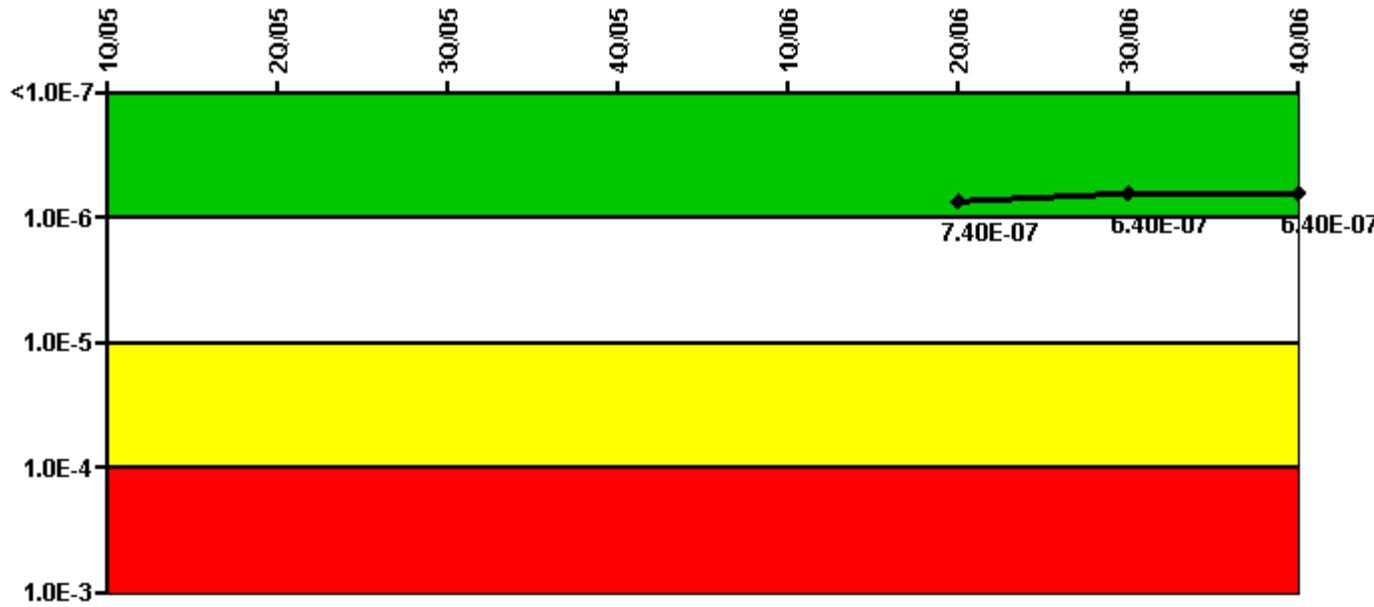
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						-9.40E-07	-9.40E-07	-9.40E-07
URI (Δ CDF)						-2.70E-07	-2.70E-07	-2.70E-07
PLE						NO	NO	NO
Indicator value						-1.21E-06	-1.21E-06	-1.21E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
UAI (Δ CDF)						$1.70E-06$	$1.60E-06$	$1.60E-06$
URI (Δ CDF)						$-9.60E-07$	$-9.60E-07$	$-9.60E-07$
PLE						NO	NO	NO
Indicator value						$7.40E-07$	$6.40E-07$	$6.40E-07$

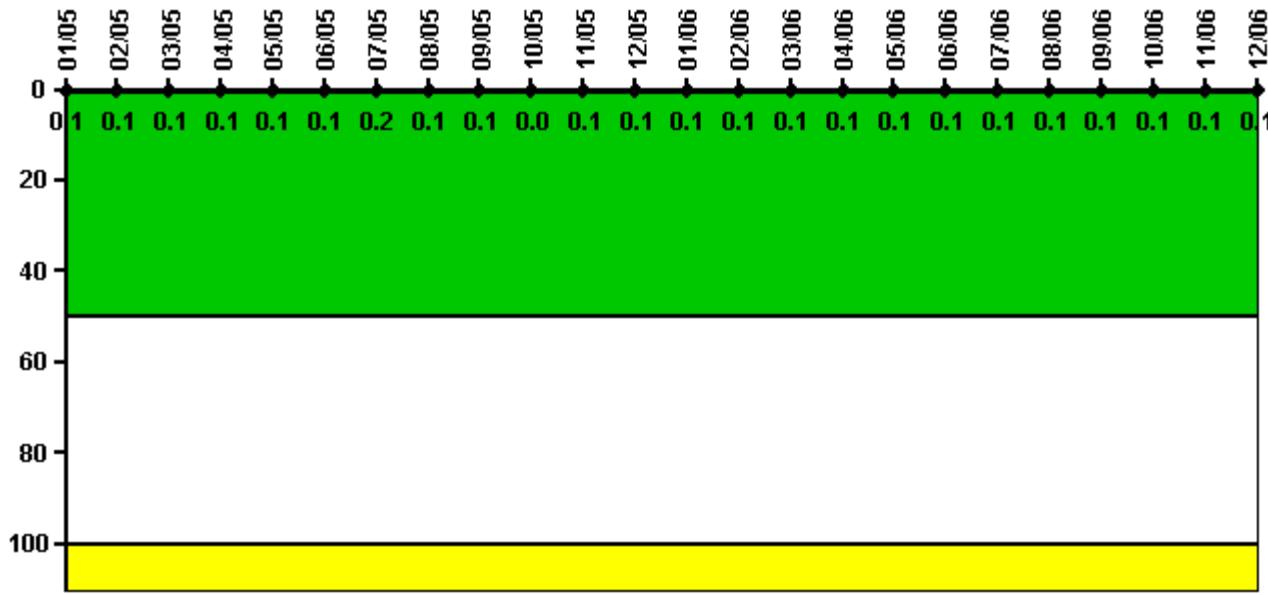
Licensee Comments:

4Q/06: Changed PRA Parameter(s).

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Reactor Coolant System Activity



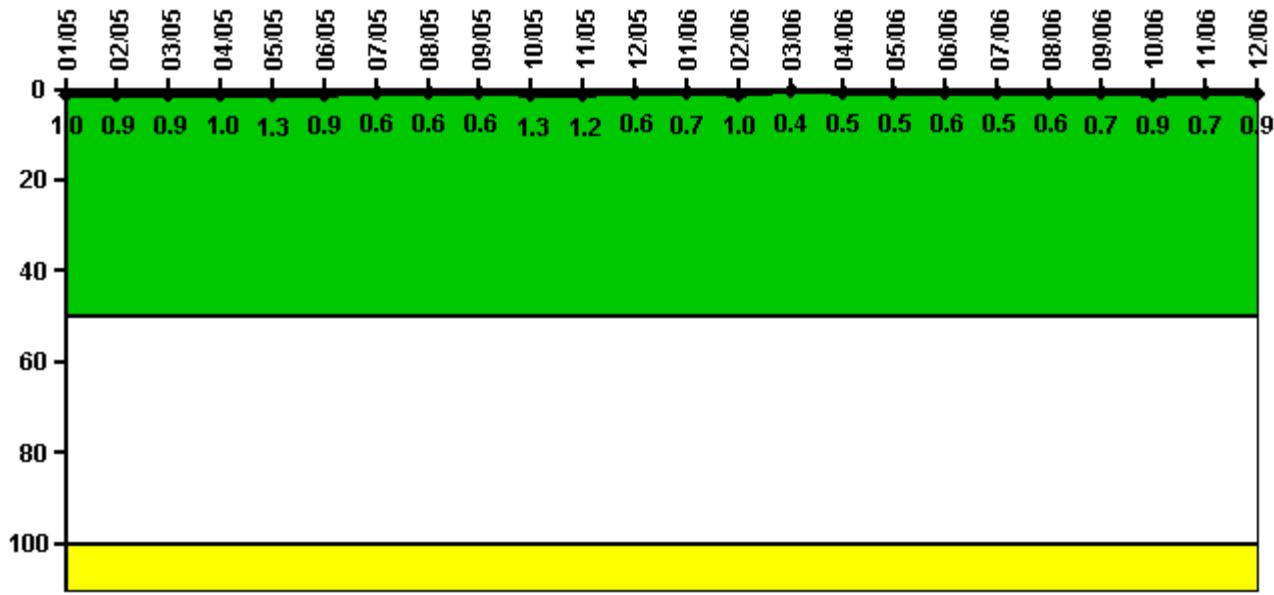
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum activity	0.0000948	0.0000843	0.0000870	0.001060	0.0000930	0.0000962	0.002284	0.001245	0.0000876	0.000482	0.000553	0.001411
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0	0.1	0.1
Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000687	0.000661	0.000647	0.000918	0.000780	0.000916	0.000837	0.000857	0.000759	0.000826	0.000832	0.000955
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



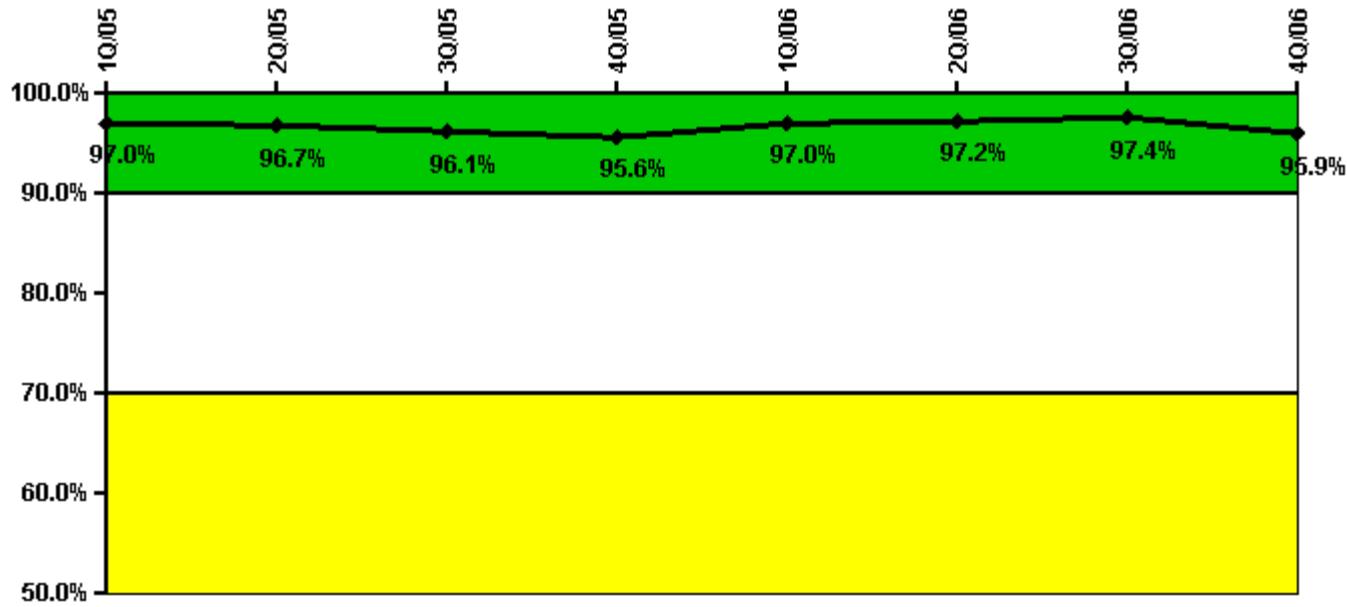
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/05	2/05	3/05	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05
Maximum leakage	0.103	0.085	0.089	0.100	0.131	0.091	0.062	0.061	0.055	0.132	0.123	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	0.9	0.9	1.0	1.3	0.9	0.6	0.6	0.6	1.3	1.2	0.6
Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.070	0.100	0.042	0.048	0.051	0.062	0.052	0.059	0.068	0.089	0.068	0.092
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	1.0	0.4	0.5	0.5	0.6	0.5	0.6	0.7	0.9	0.7	0.9

Licensee Comments: none

Drill/Exercise Performance



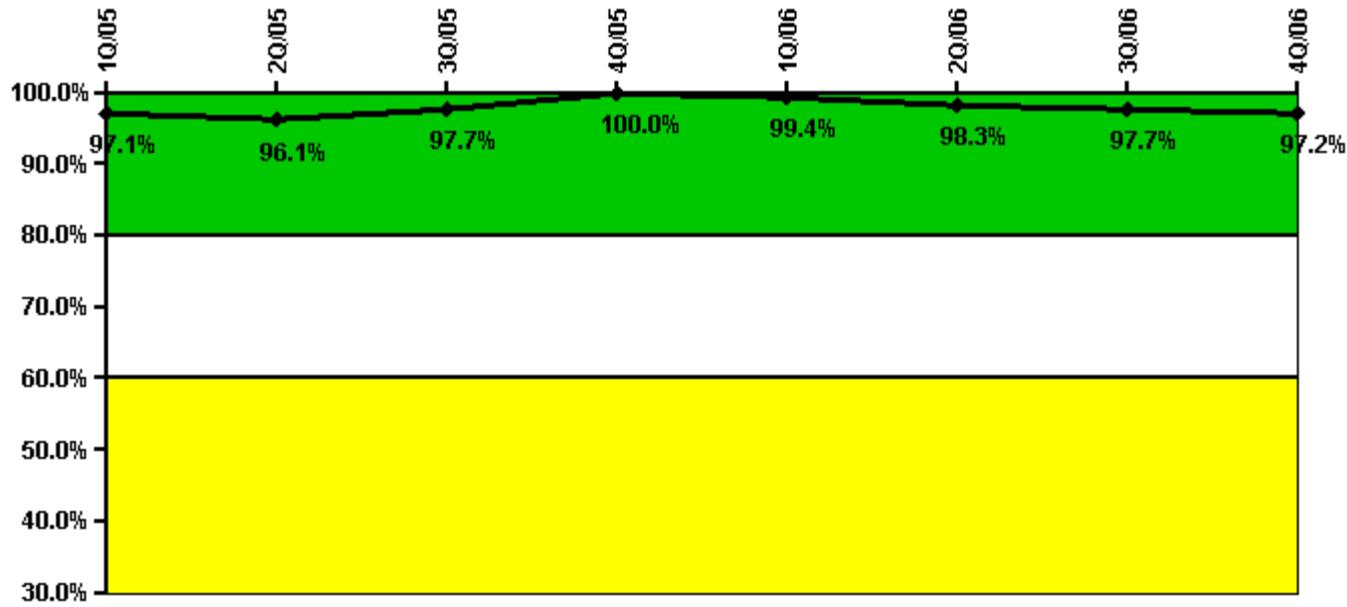
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful opportunities	17.0	11.0	14.0	60.0	25.0	0	8.0	50.0
Total opportunities	17.0	11.0	15.0	62.0	26.0	0	8.0	54.0
Indicator value	97.0%	96.7%	96.1%	95.6%	97.0%	97.2%	97.4%	95.9%

Licensee Comments: none

ERO Drill Participation



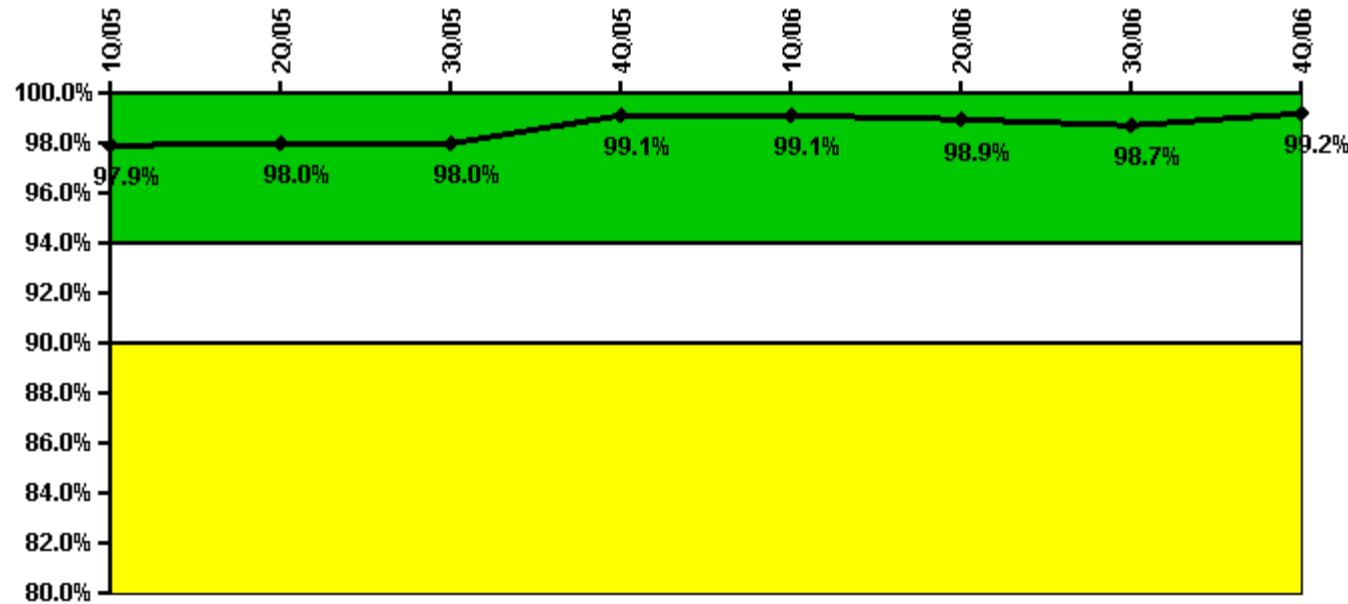
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Participating Key personnel	169.0	171.0	170.0	178.0	174.0	173.0	173.0	173.0
Total Key personnel	174.0	178.0	174.0	178.0	175.0	176.0	177.0	178.0
Indicator value	97.1%	96.1%	97.7%	100.0%	99.4%	98.3%	97.7%	97.2%

Licensee Comments: none

Alert & Notification System



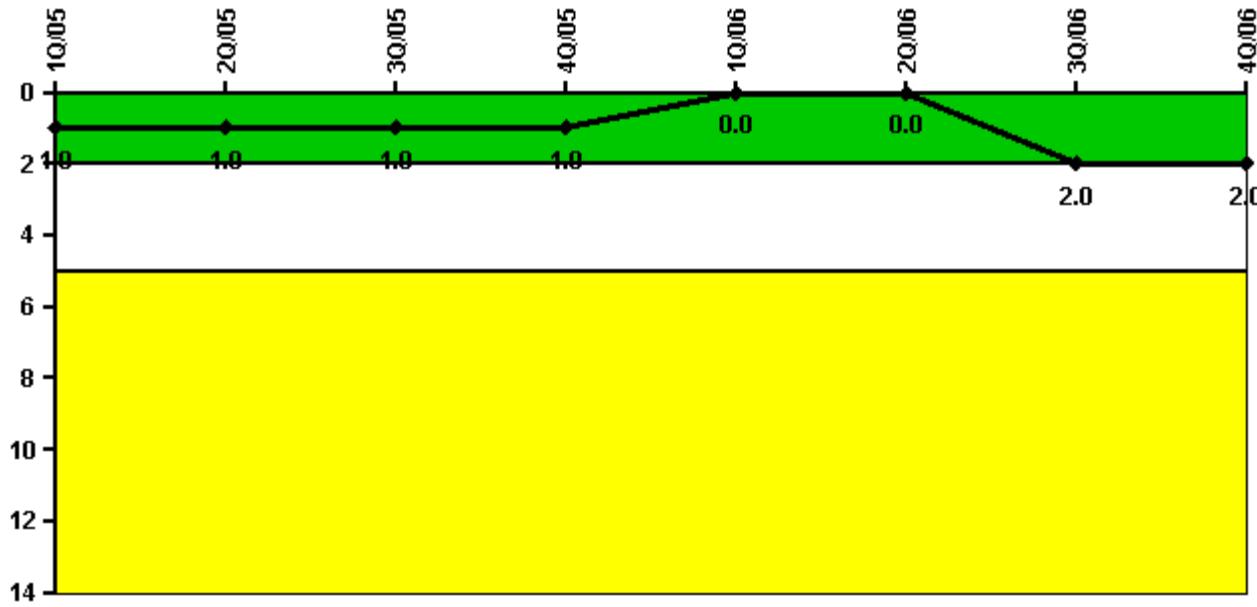
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
Successful siren-tests	1804	1803	1804	1763	1803	1787	1790	1801
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	97.9%	98.0%	98.0%	99.1%	99.1%	98.9%	98.7%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness

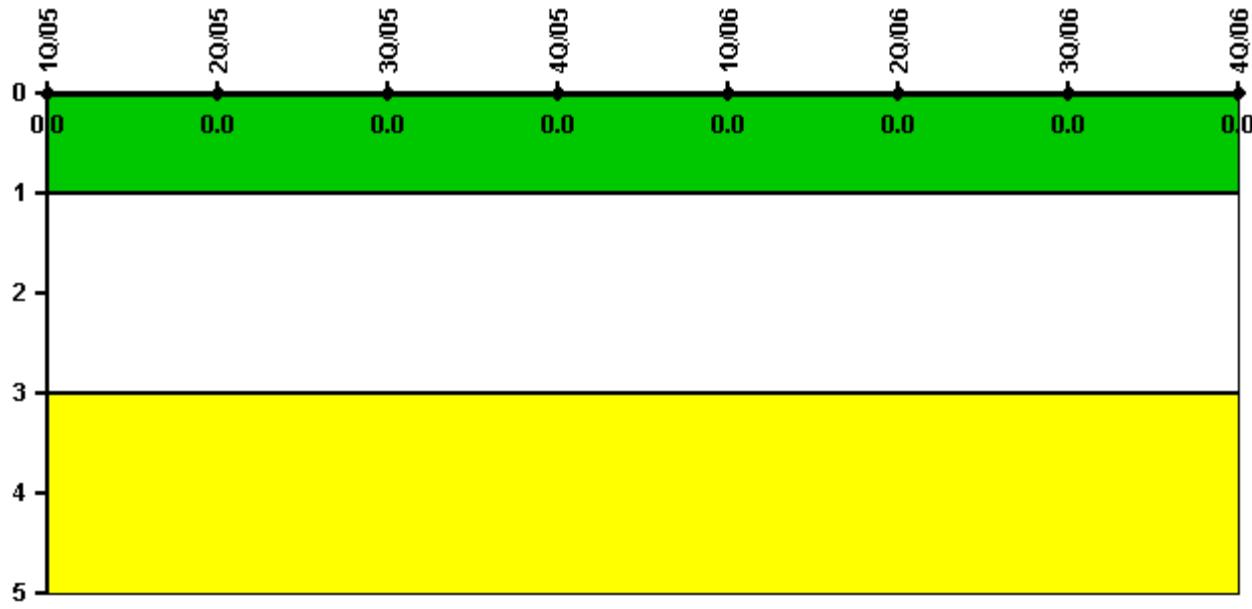


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
High radiation area occurrences	1	0	0	0	0	0	2	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	2	2

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/05	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

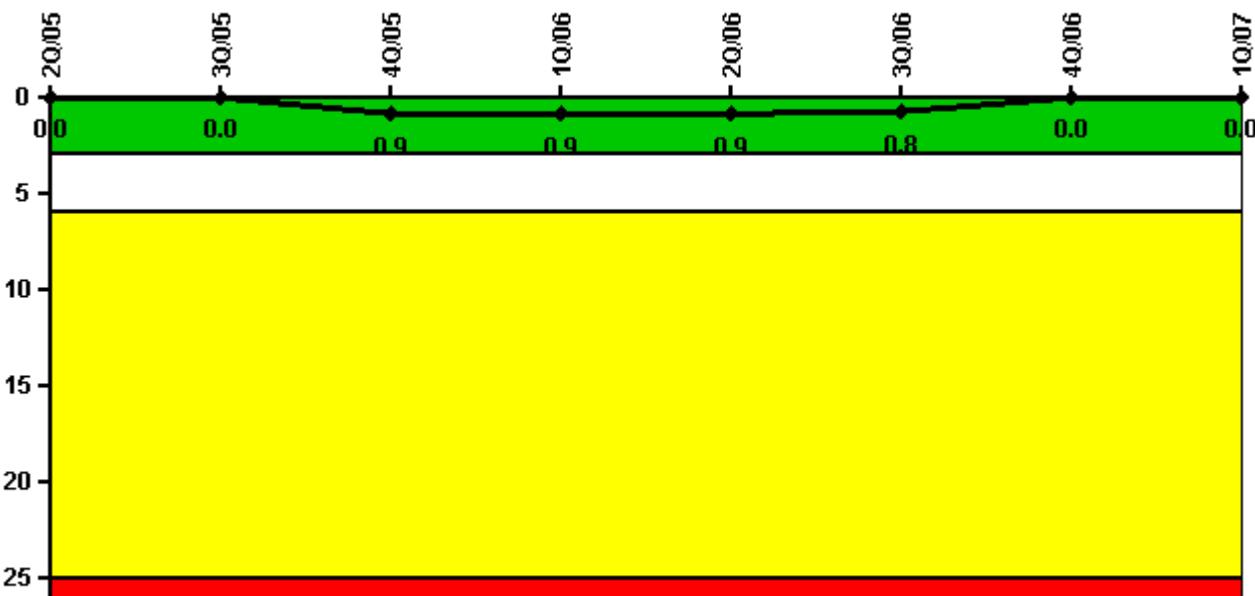
Last Modified: February 7, 2007

McGuire 1

1Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2183.0	1879.0	1776.2	2160.0	2183.0	2208.0	2209.0	1638.9
Indicator value	0	0	0.9	0.9	0.9	0.8	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



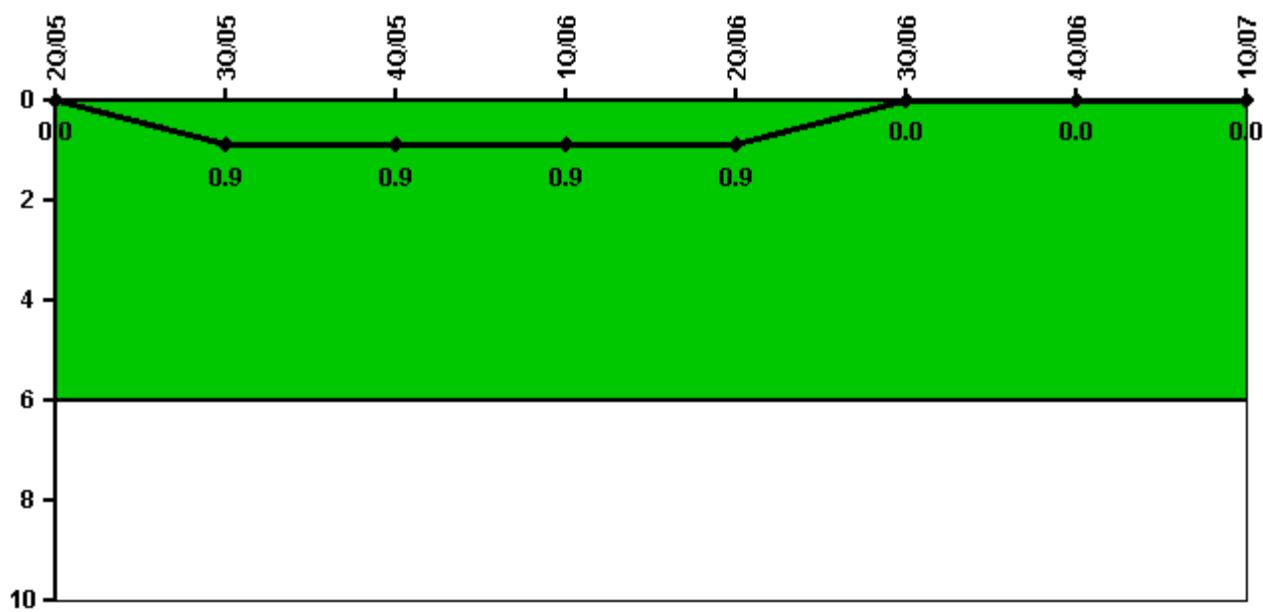
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



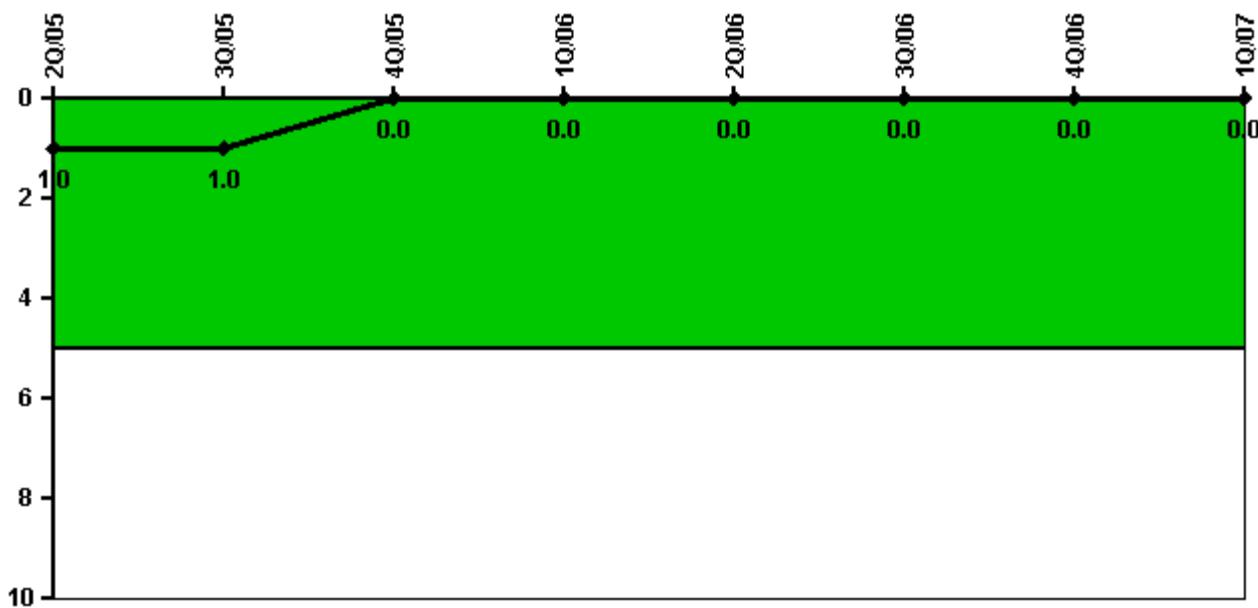
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2183.0	1879.0	1776.2	2160.0	2183.0	2208.0	2209.0	1638.9
Indicator value	0	0.9	0.9	0.9	0.9	0	0	0

Licensee Comments: none

Safety System Functional Failures (PWR)



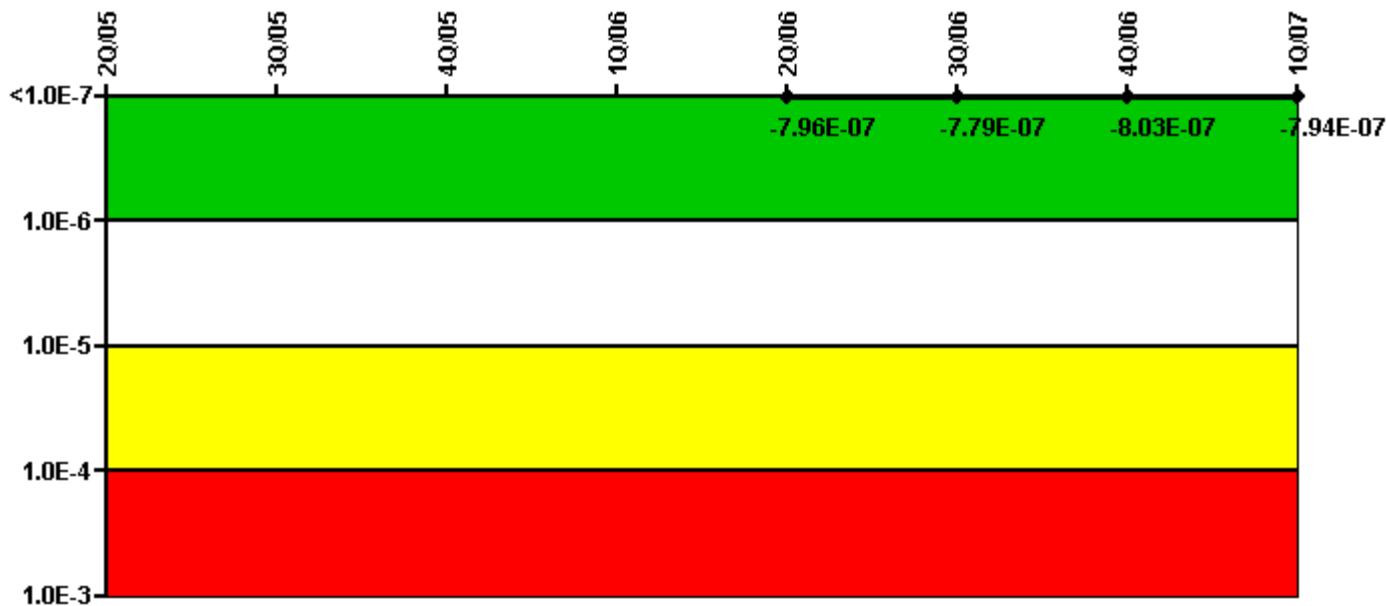
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



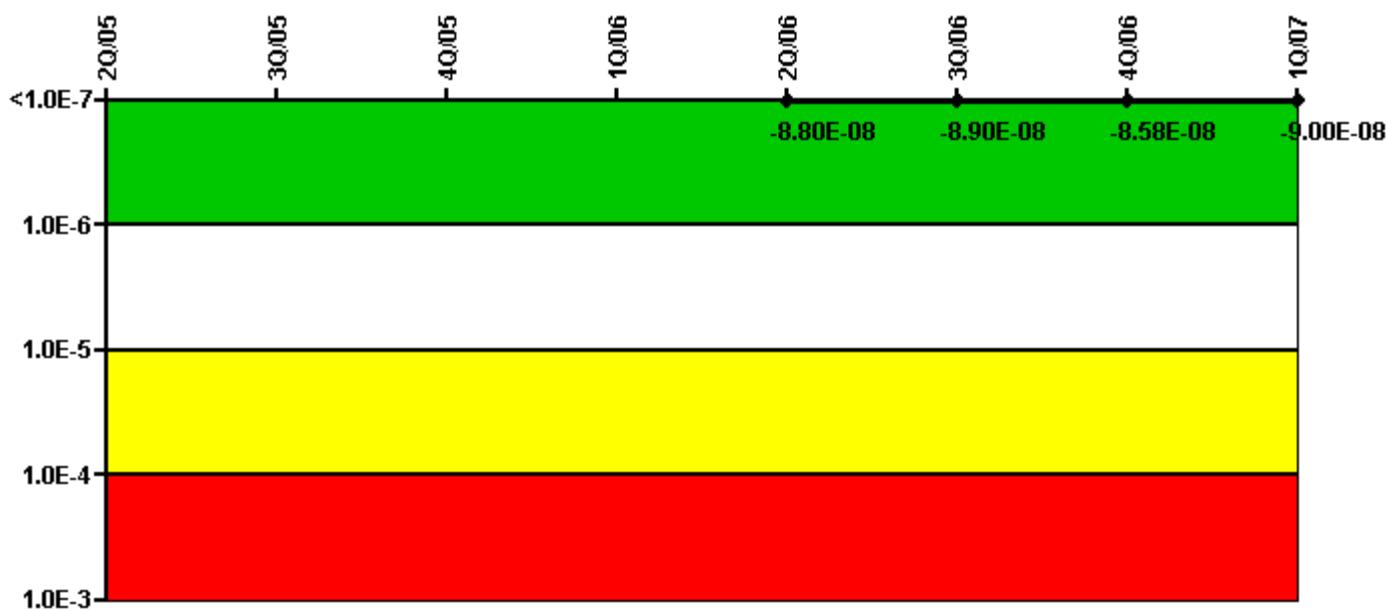
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-2.60E-08	-8.50E-09	-3.30E-08	-2.40E-08
URI (Δ CDF)					-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07
PLE					NO	NO	NO	NO
Indicator value					-7.96E-07	-7.79E-07	-8.03E-07	-7.94E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



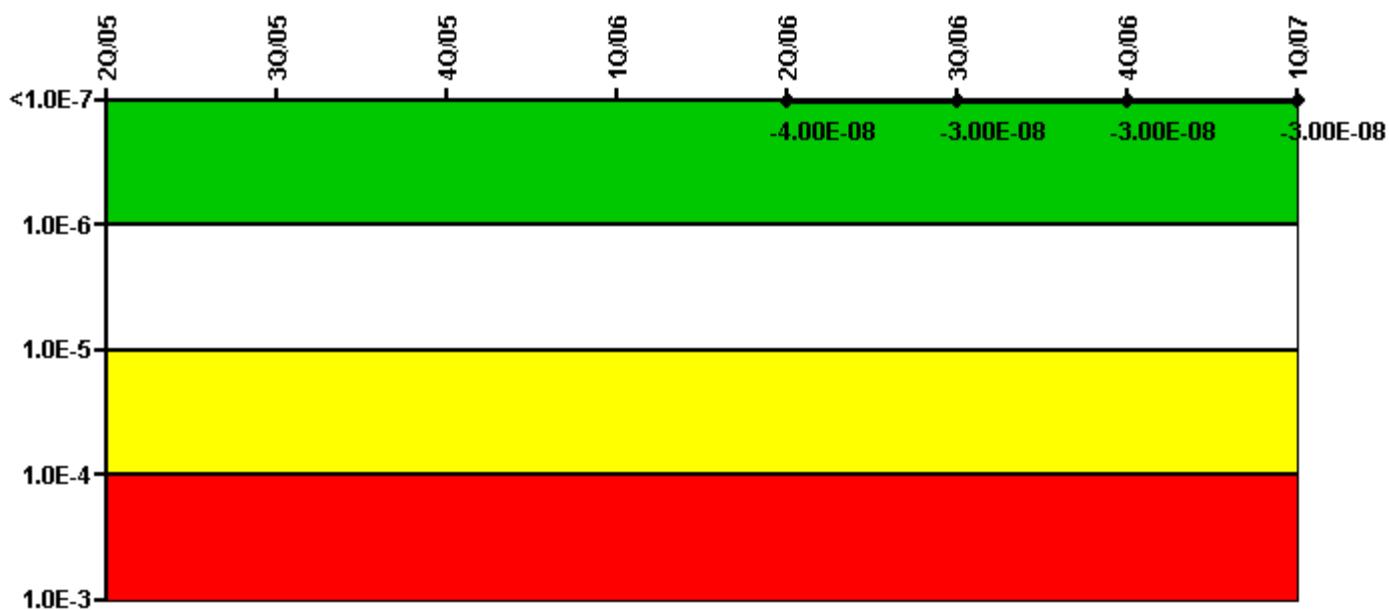
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-1.20E-08	-1.30E-08	-9.80E-09	-1.40E-08
URI (Δ CDF)					-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08
PLE					NO	NO	NO	NO
Indicator value					-8.80E-08	-8.90E-08	-8.58E-08	-9.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



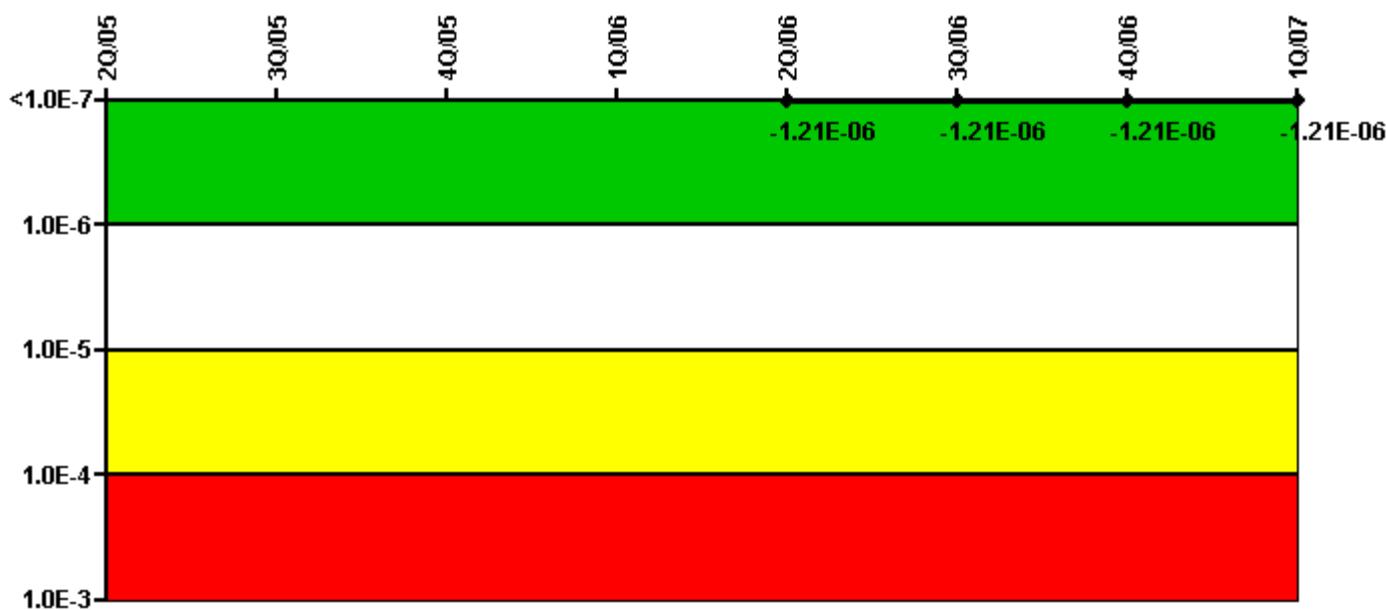
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					1.20E-07	1.30E-07	1.30E-07	1.30E-07
URI (Δ CDF)					-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07
PLE					NO	NO	NO	NO
Indicator value					-4.00E-08	-3.00E-08	-3.00E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



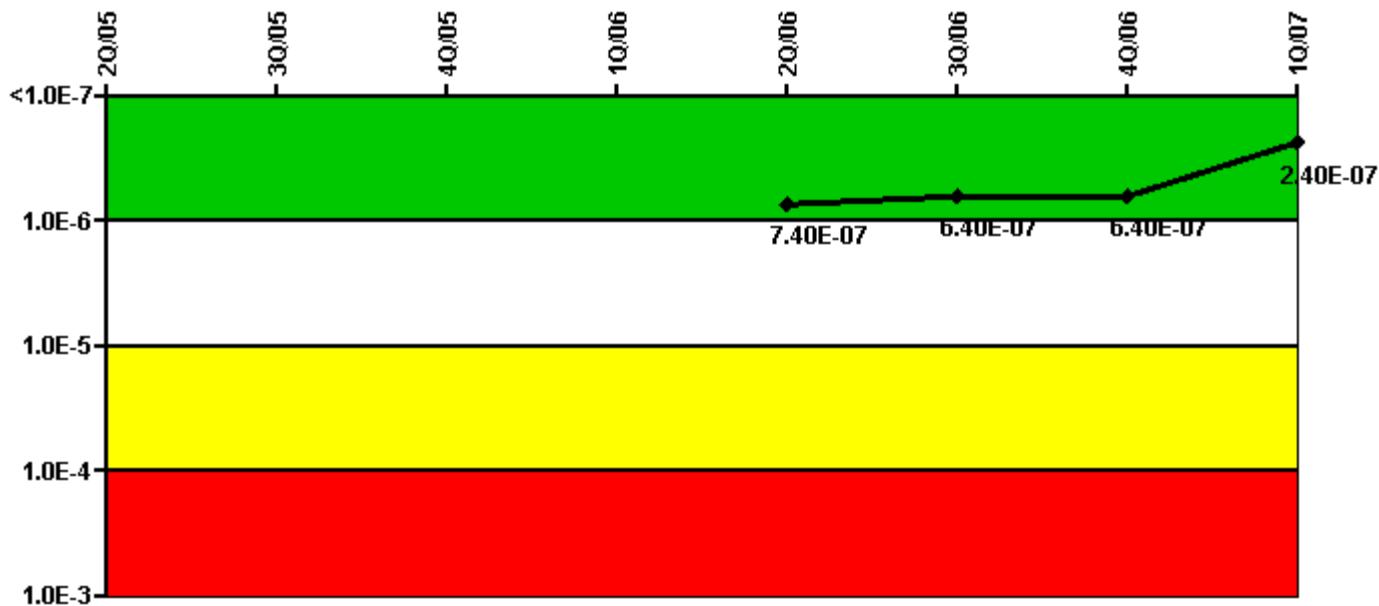
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					-9.40E-07	-9.40E-07	-9.40E-07	-9.40E-07
URI (Δ CDF)					-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07
PLE					NO	NO	NO	NO
Indicator value					-1.21E-06	-1.21E-06	-1.21E-06	-1.21E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



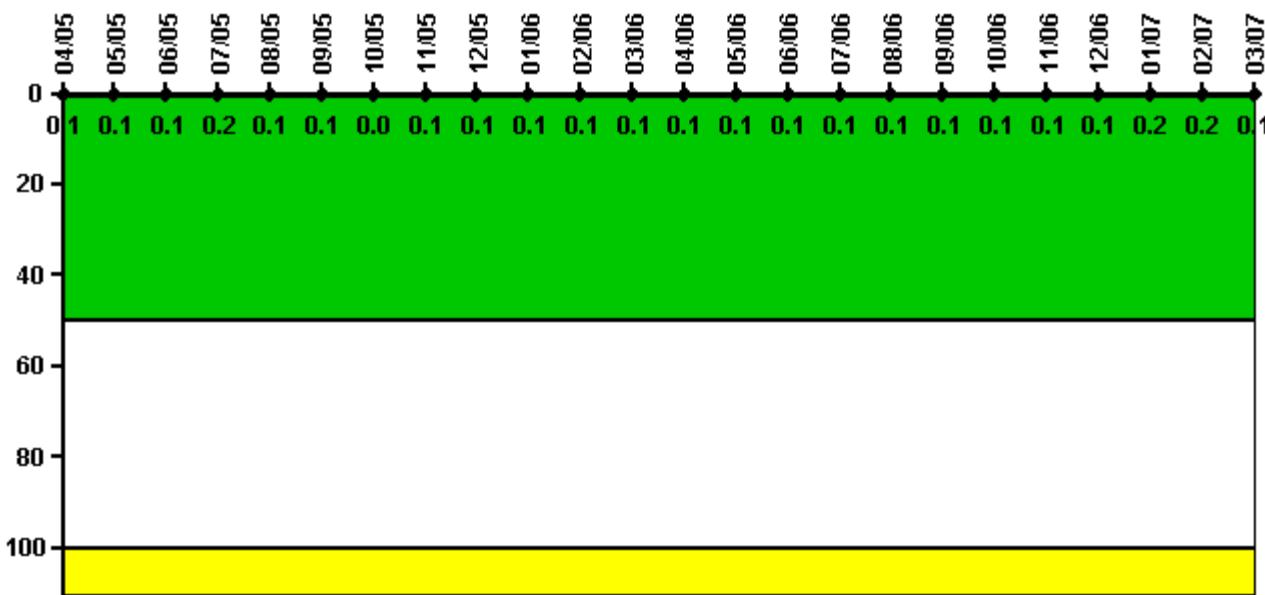
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
UAI (Δ CDF)					1.70E-06	1.60E-06	1.60E-06	1.20E-06
URI (Δ CDF)					-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07
PLE					NO	NO	NO	NO
Indicator value					7.40E-07	6.40E-07	6.40E-07	2.40E-07

Licensee Comments: none

Reactor Coolant System Activity



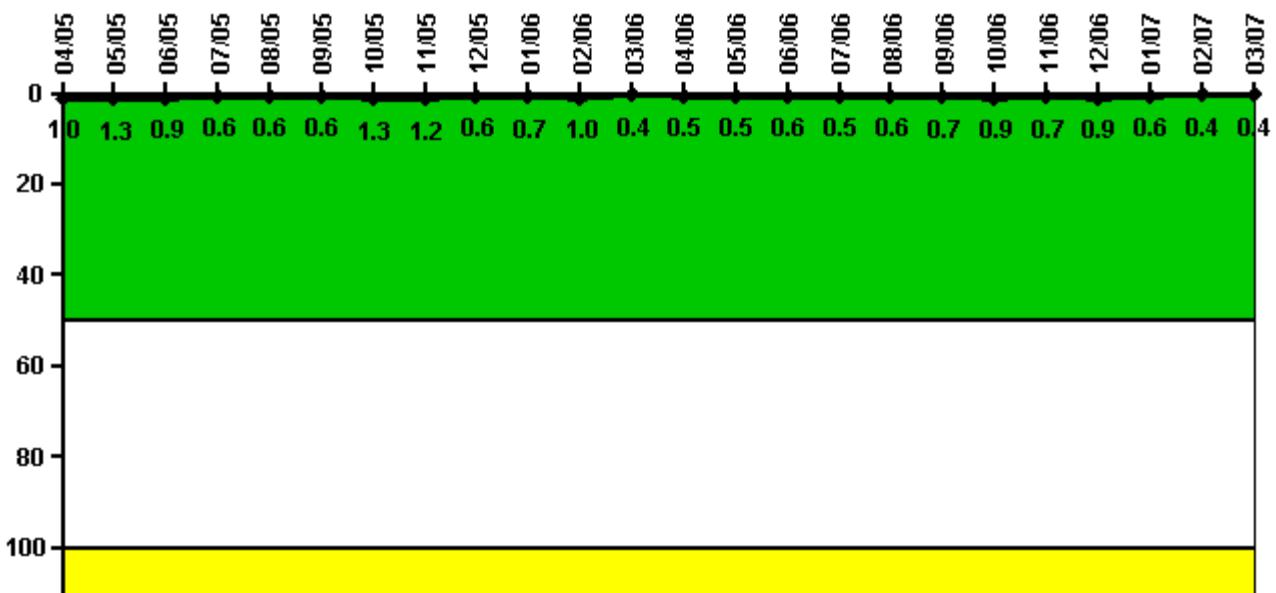
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum activity	0.0001060	0.0000930	0.0000962	0.0002284	0.0001245	0.0000876	0.0000482	0.0000553	0.001411	0.000687	0.000661	0.000647
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.1	0.1	0	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.0000918	0.0000780	0.0000916	0.0000837	0.0000857	0.0000759	0.0000826	0.0000832	0.0000955	0.001831	0.002400	0.000696
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.2	0.2	0.1								

Licensee Comments: none

Reactor Coolant System Leakage



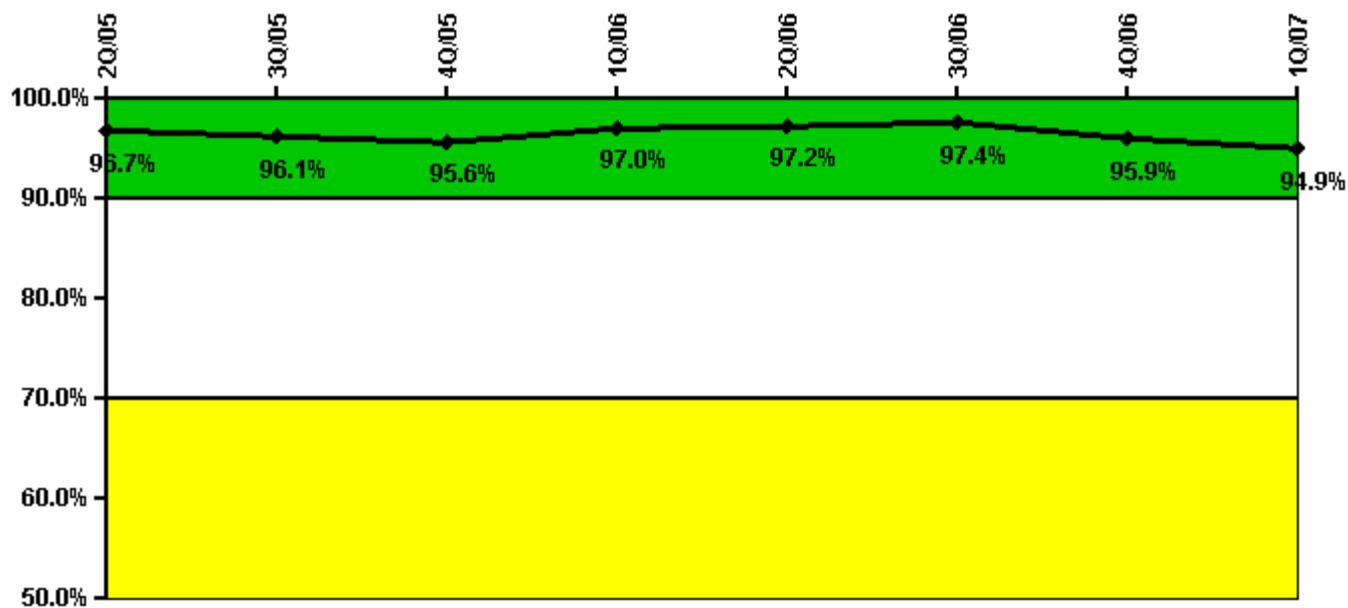
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/05	5/05	6/05	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06
Maximum leakage	0.100	0.131	0.091	0.062	0.061	0.055	0.132	0.123	0.062	0.070	0.100	0.042
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.0	1.3	0.9	0.6	0.6	0.6	1.3	1.2	0.6	0.7	1.0	0.4
Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.048	0.051	0.062	0.052	0.059	0.068	0.089	0.068	0.092	0.058	0.043	0.044
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.6	0.5	0.6	0.7	0.9	0.7	0.9	0.6	0.4	0.4

Licensee Comments: none

Drill/Exercise Performance



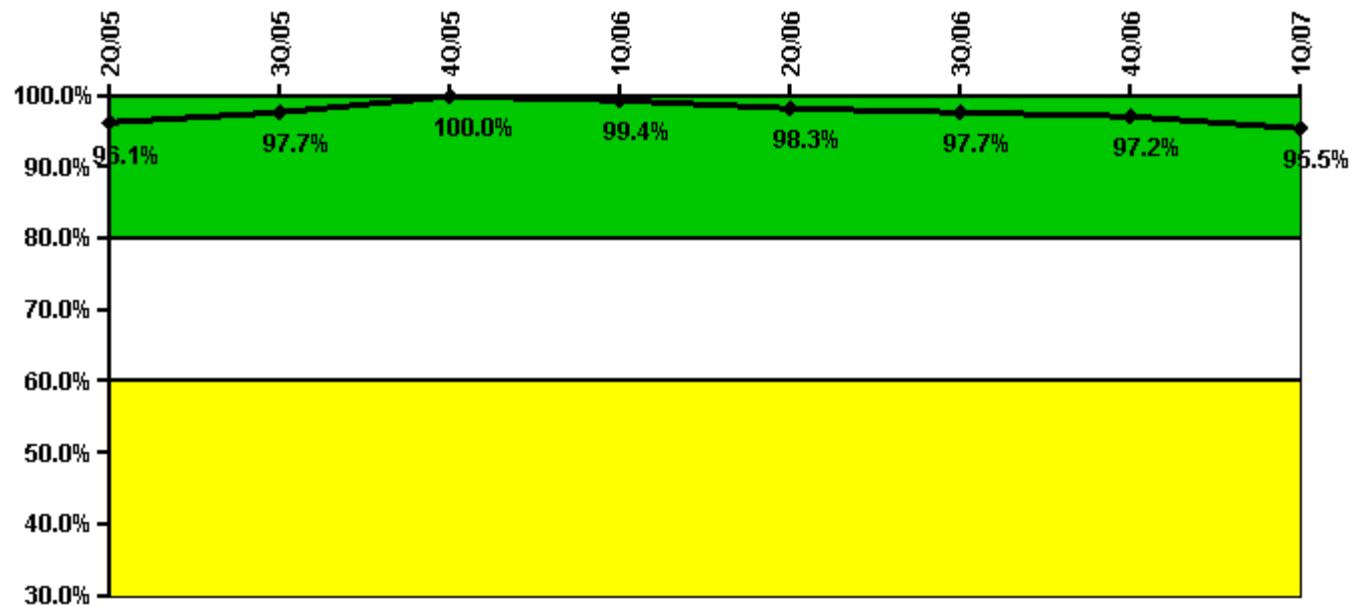
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful opportunities	11.0	14.0	60.0	25.0	0	8.0	50.0	20.0
Total opportunities	11.0	15.0	62.0	26.0	0	8.0	54.0	22.0
Indicator value	96.7%	96.1%	95.6%	97.0%	97.2%	97.4%	95.9%	94.9%

Licensee Comments: none

ERO Drill Participation



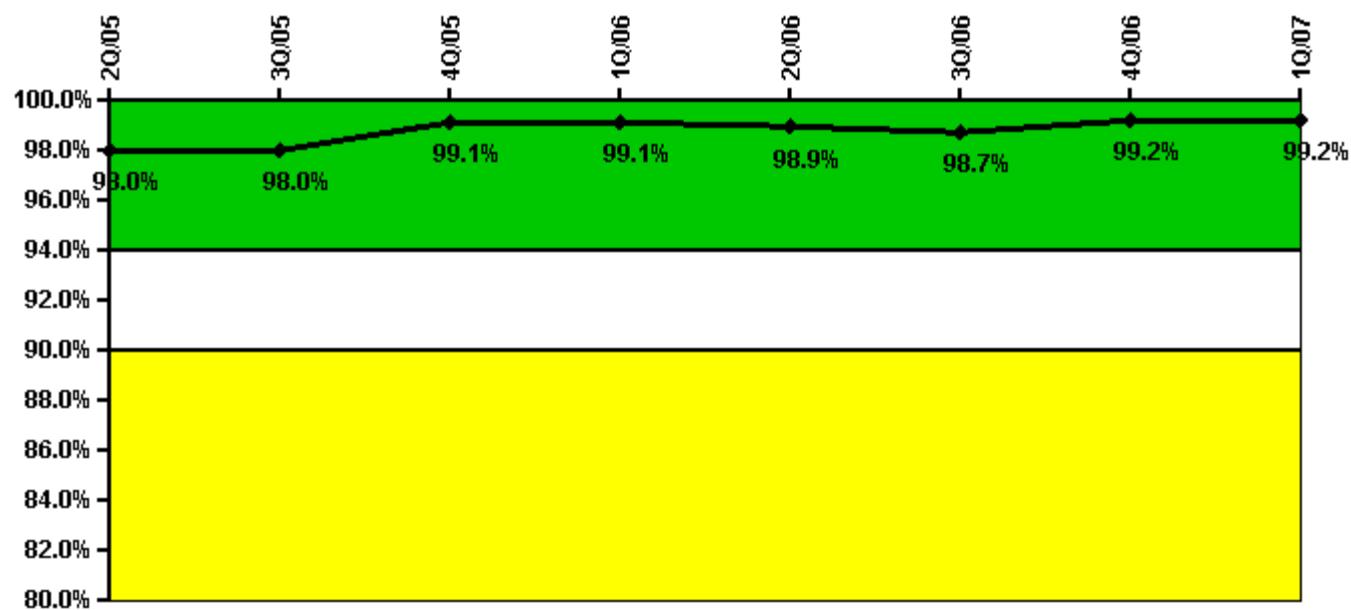
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Participating Key personnel	171.0	170.0	178.0	174.0	173.0	173.0	173.0	169.0
Total Key personnel	178.0	174.0	178.0	175.0	176.0	177.0	178.0	177.0
Indicator value	96.1%	97.7%	100.0%	99.4%	98.3%	97.7%	97.2%	95.5%

Licensee Comments: none

Alert & Notification System



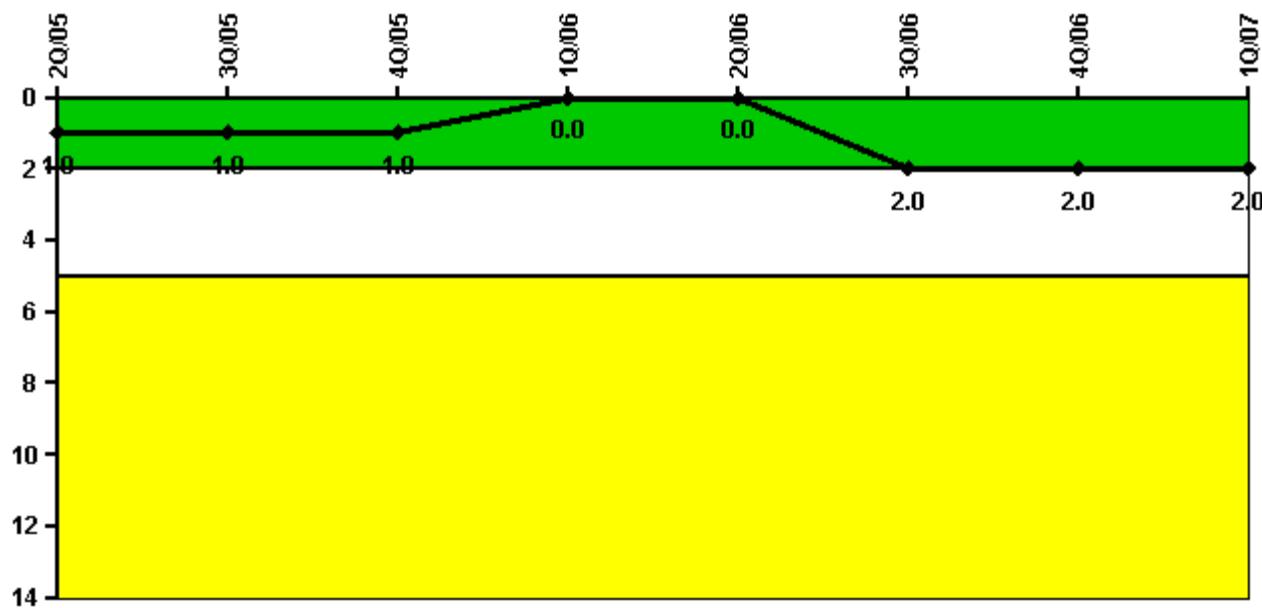
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
Successful siren-tests	1803	1804	1763	1803	1787	1790	1801	1803
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	98.0%	98.0%	99.1%	99.1%	98.9%	98.7%	99.2%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



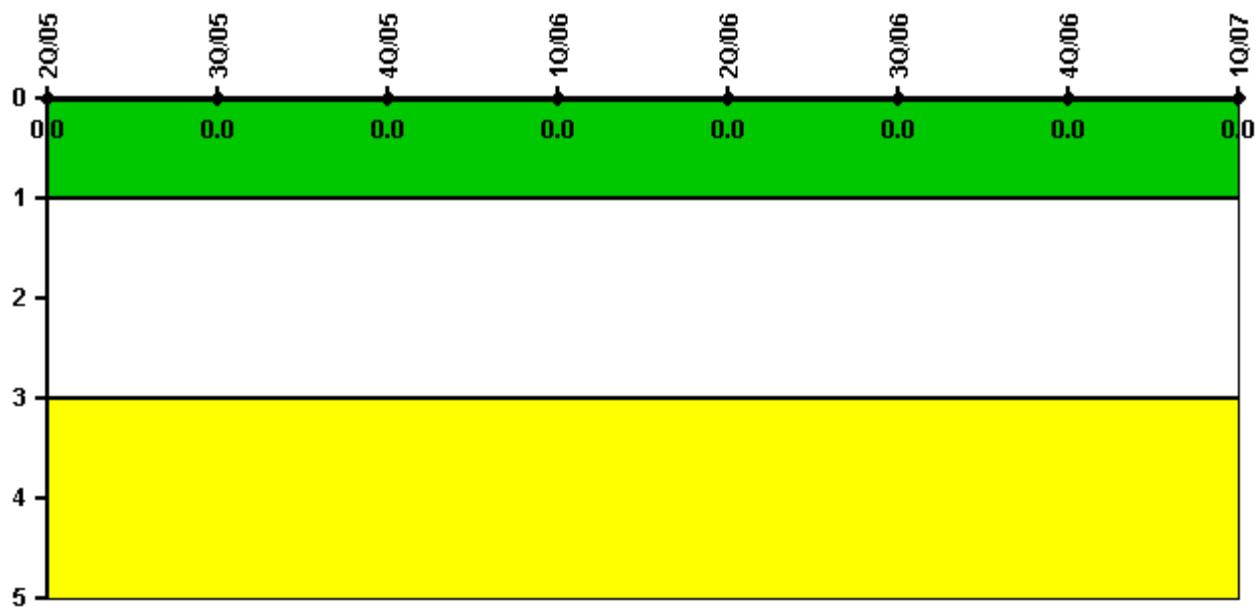
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
High radiation area occurrences	0	0	0	0	0	2	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	2	2	2

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/05	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

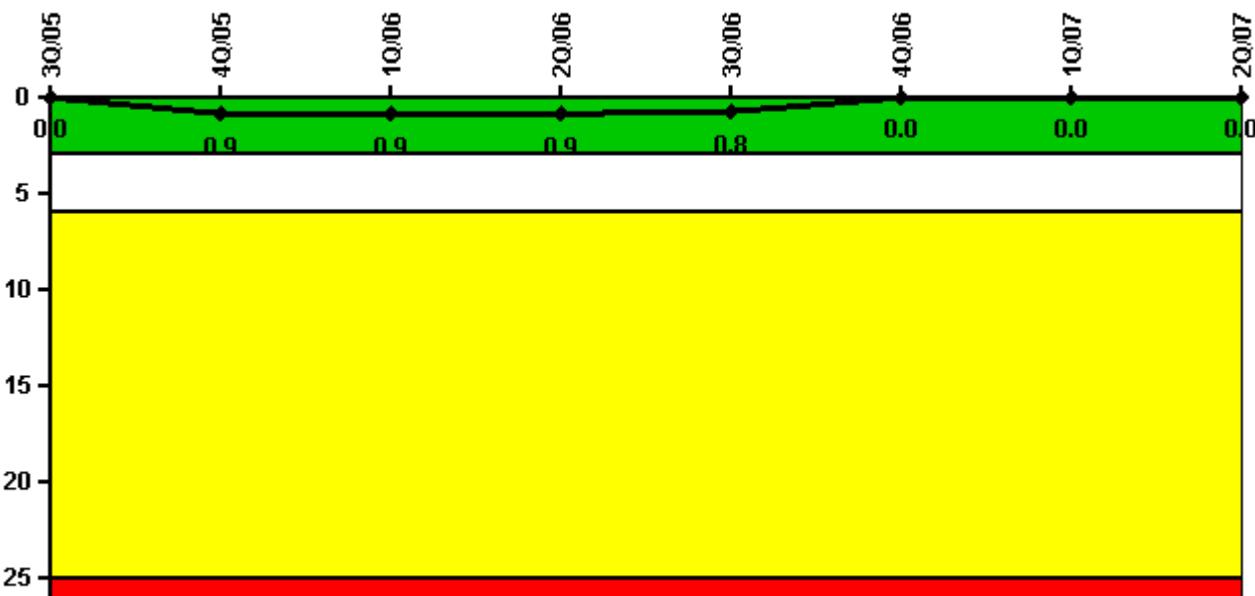
[Physical Protection](#) information not publicly available.

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2Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	1879.0	1776.2	2160.0	2183.0	2208.0	2209.0	1638.9	824.9
Indicator value	0	0.9	0.9	0.9	0.8	0	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



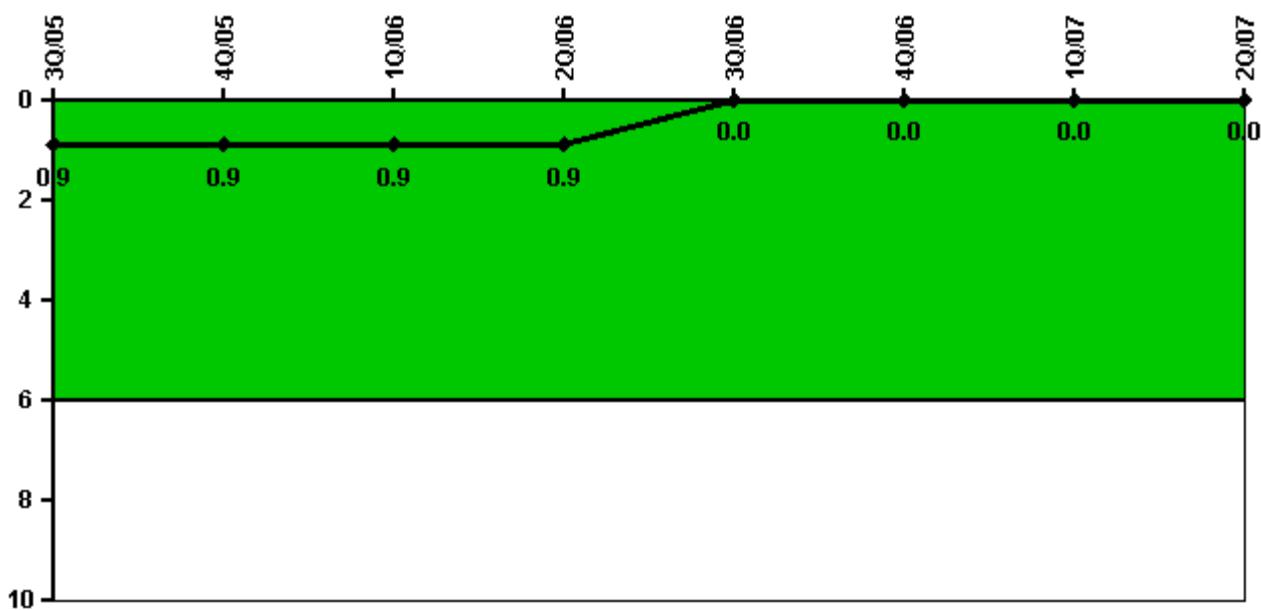
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Scrams	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



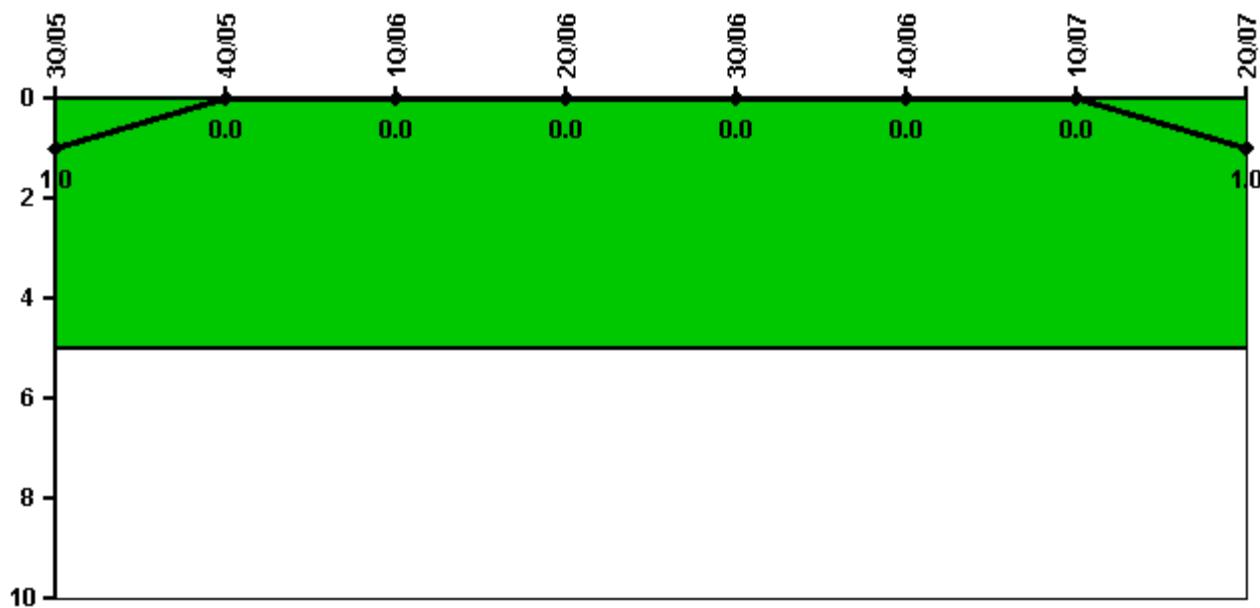
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	1879.0	1776.2	2160.0	2183.0	2208.0	2209.0	1638.9	824.9
Indicator value	0.9	0.9	0.9	0.9	0	0	0	0

Licensee Comments: none

Safety System Functional Failures (PWR)



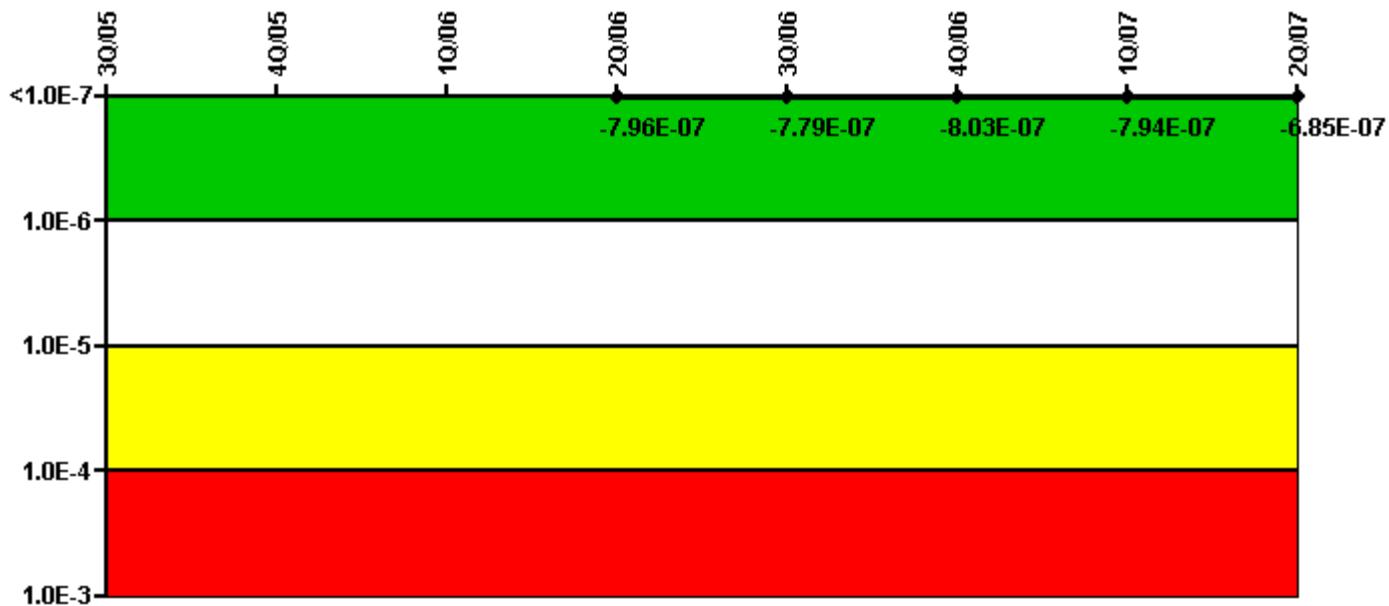
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Safety System Functional Failures	0	0	0	0	0	0	0	1
Indicator value	1	0	0	0	0	0	0	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



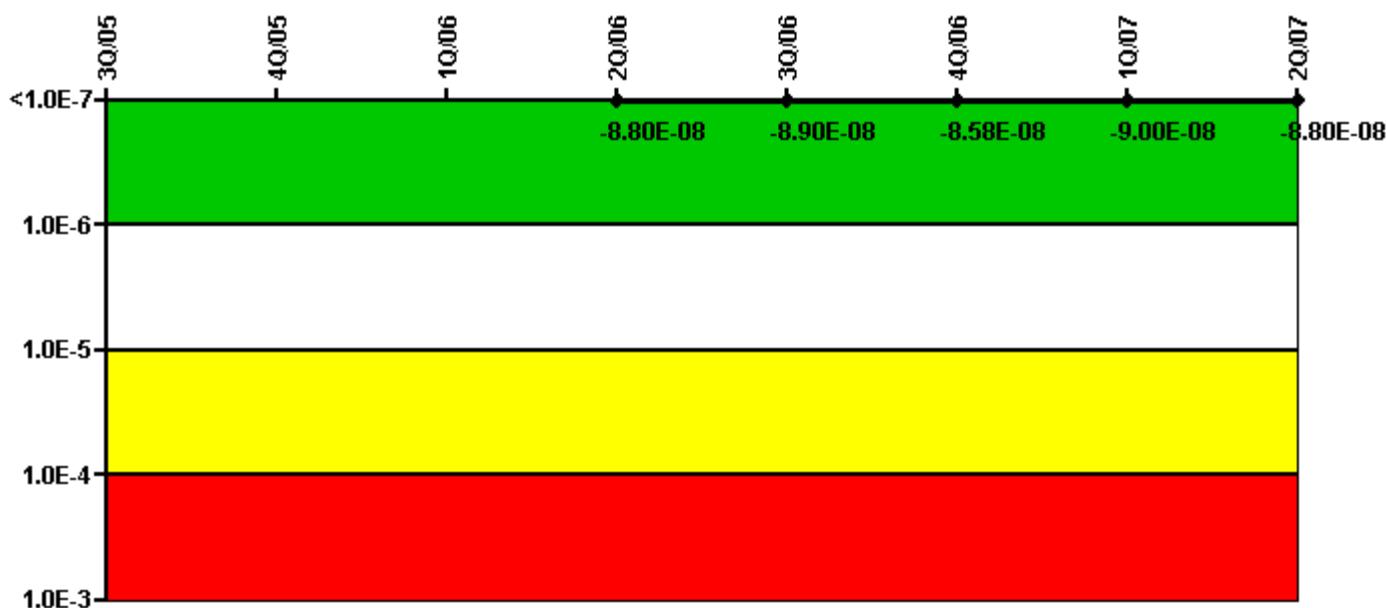
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				$-2.60E-08$	$-8.50E-09$	$-3.30E-08$	$-2.40E-08$	$8.50E-08$
URI (Δ CDF)				$-7.70E-07$	$-7.70E-07$	$-7.70E-07$	$-7.70E-07$	$-7.70E-07$
PLE				NO	NO	NO	NO	NO
Indicator value				$-7.96E-07$	$-7.79E-07$	$-8.03E-07$	$-7.94E-07$	$-6.85E-07$

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



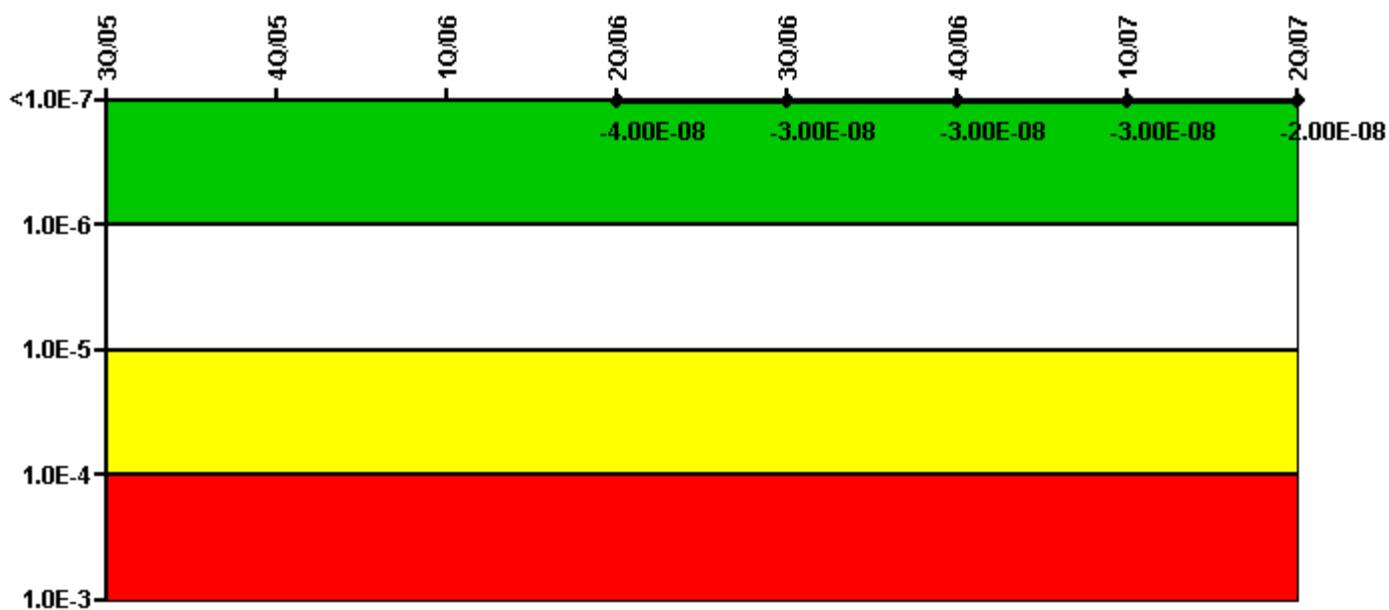
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-1.20E-08	-1.30E-08	-9.80E-09	-1.40E-08	-1.20E-08
URI (Δ CDF)				-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08
PLE				NO	NO	NO	NO	NO
Indicator value				-8.80E-08	-8.90E-08	-8.58E-08	-9.00E-08	-8.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



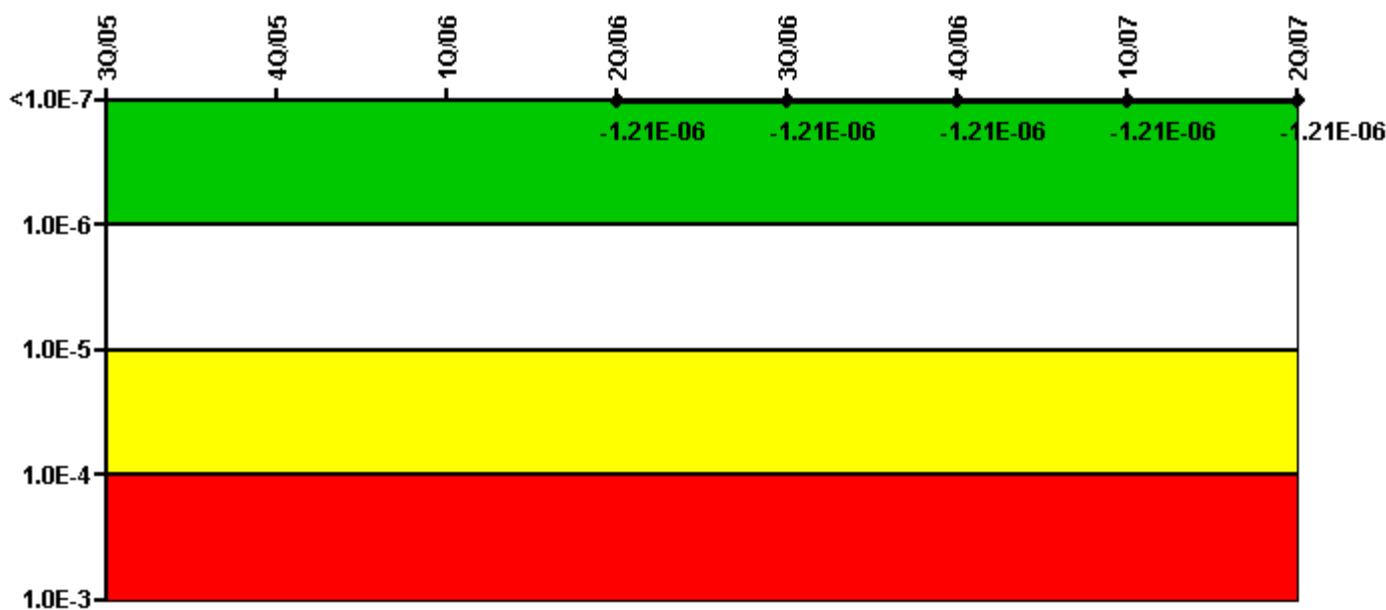
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (ΔCDF)				$1.20E-07$	$1.30E-07$	$1.30E-07$	$1.30E-07$	$1.40E-07$
URI (ΔCDF)				$-1.60E-07$	$-1.60E-07$	$-1.60E-07$	$-1.60E-07$	$-1.60E-07$
PLE				NO	NO	NO	NO	NO
Indicator value				$-4.00E-08$	$-3.00E-08$	$-3.00E-08$	$-3.00E-08$	$-2.00E-08$

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



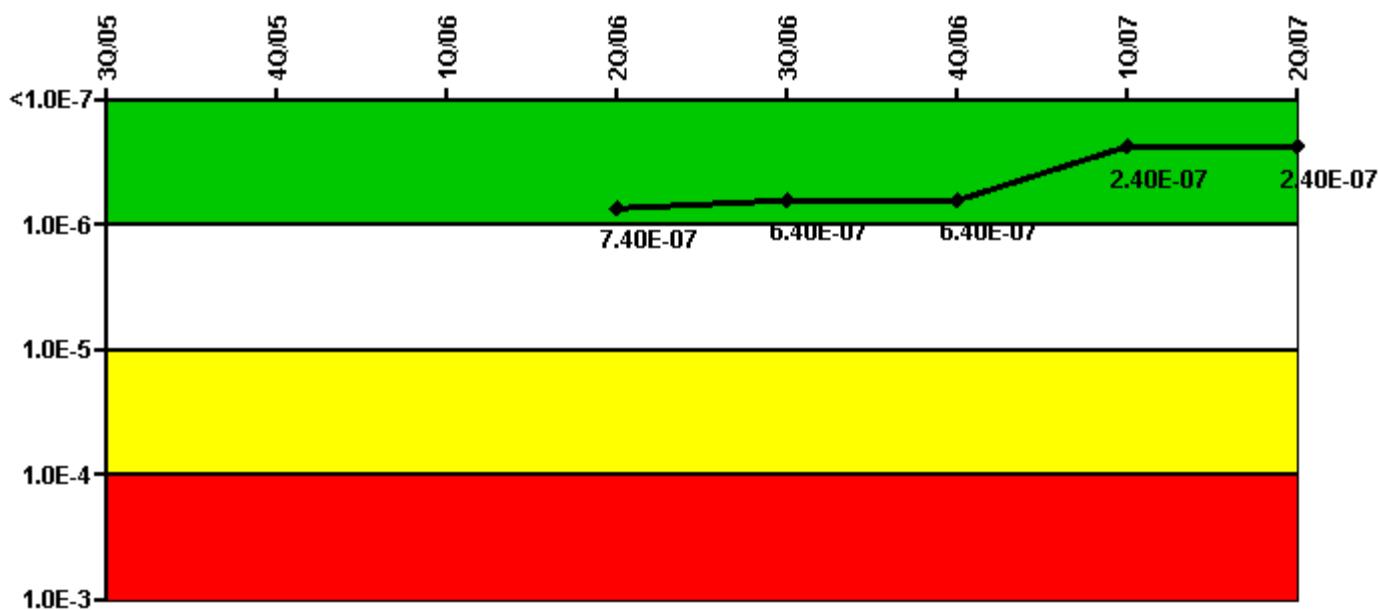
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				-9.40E-07	-9.40E-07	-9.40E-07	-9.40E-07	-9.40E-07
URI (Δ CDF)				-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-1.21E-06	-1.21E-06	-1.21E-06	-1.21E-06	-1.21E-06

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



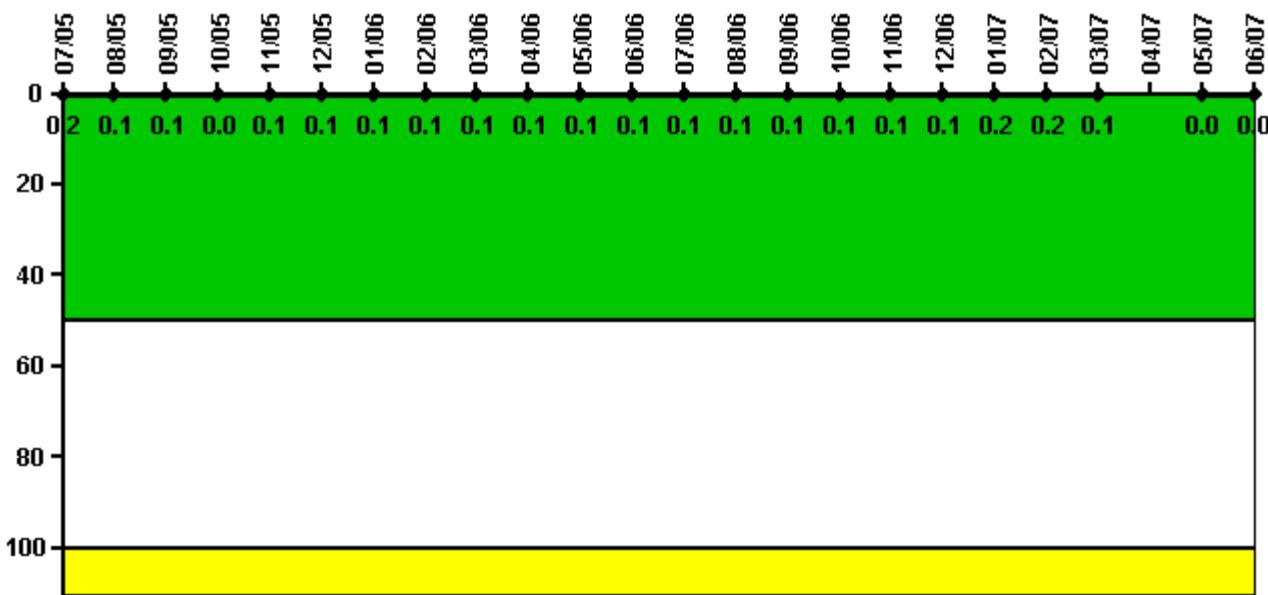
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
UAI (Δ CDF)				$1.70E-06$	$1.60E-06$	$1.60E-06$	$1.20E-06$	$1.20E-06$
URI (Δ CDF)				$-9.60E-07$	$-9.60E-07$	$-9.60E-07$	$-9.60E-07$	$-9.60E-07$
PLE				NO	NO	NO	NO	NO
Indicator value				$7.40E-07$	$6.40E-07$	$6.40E-07$	$2.40E-07$	$2.40E-07$

Licensee Comments: none

Reactor Coolant System Activity



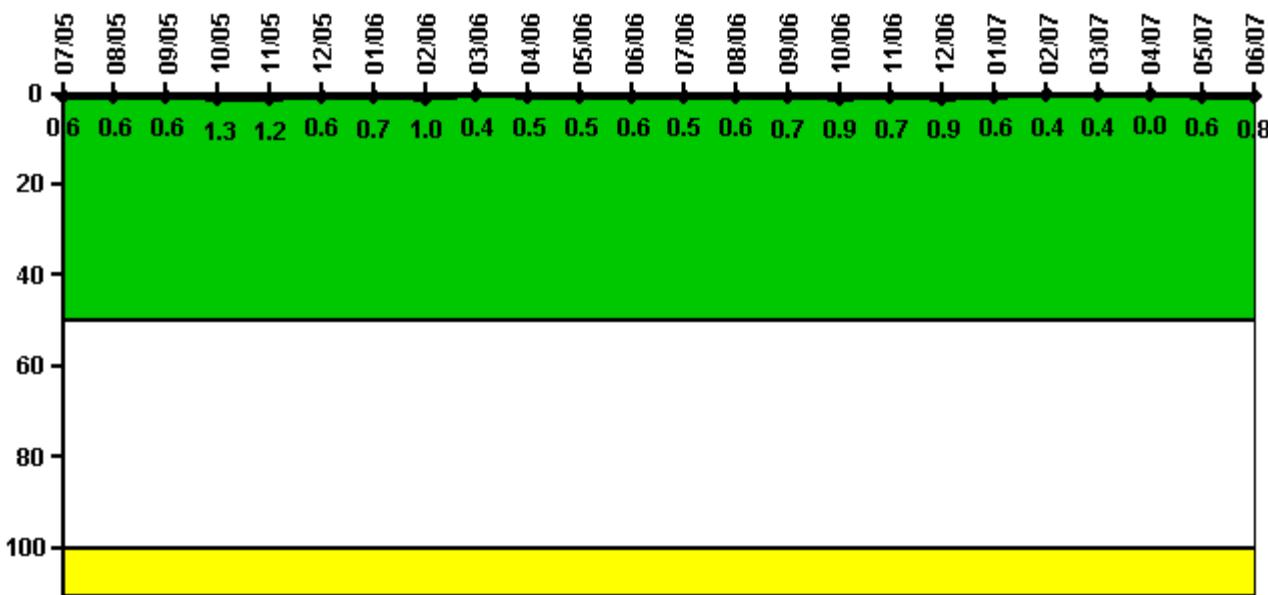
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum activity	0.002284	0.001245	0.000876	0.000482	0.000553	0.001411	0.000687	0.000661	0.000647	0.000918	0.000780	0.000916
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0	0.1							
Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000837	0.000857	0.000759	0.000826	0.000832	0.000955	0.001831	0.002400	0.000696	N/A	0.000106	0.000370
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	N/A	0	0

Licensee Comments: none

Reactor Coolant System Leakage



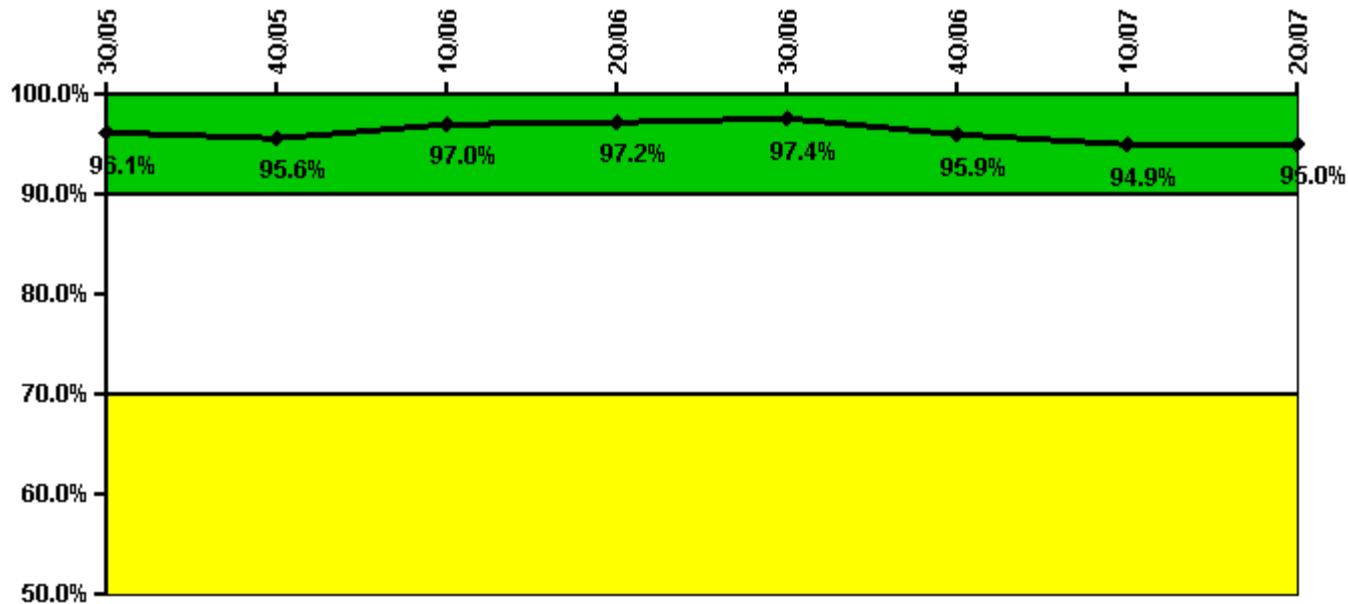
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/05	8/05	9/05	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06
Maximum leakage	0.062	0.061	0.055	0.132	0.123	0.062	0.070	0.100	0.042	0.048	0.051	0.062
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.6	1.3	1.2	0.6	0.7	1.0	0.4	0.5	0.5	0.6
Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.052	0.059	0.068	0.089	0.068	0.092	0.058	0.043	0.044	0	0.061	0.076
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.7	0.9	0.7	0.9	0.6	0.4	0.4	0	0.6	0.8

Licensee Comments: none

Drill/Exercise Performance



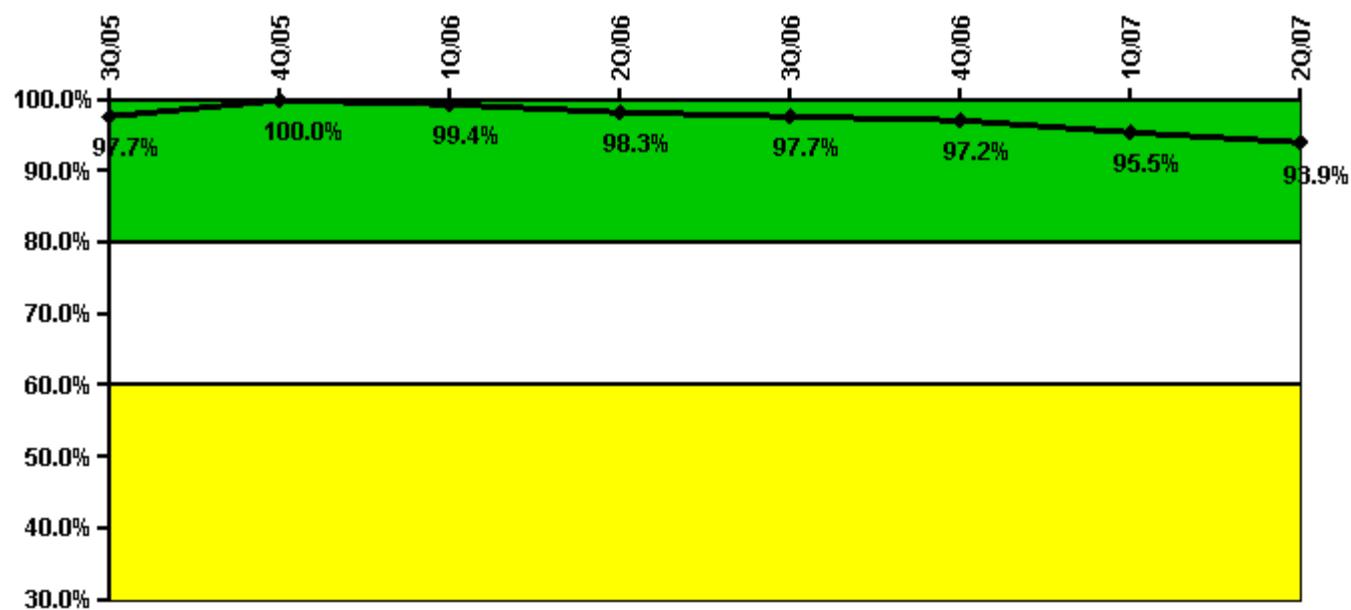
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful opportunities	14.0	60.0	25.0	0	8.0	50.0	20.0	14.0
Total opportunities	15.0	62.0	26.0	0	8.0	54.0	22.0	14.0
Indicator value	96.1%	95.6%	97.0%	97.2%	97.4%	95.9%	94.9%	95.0%

Licensee Comments: none

ERO Drill Participation



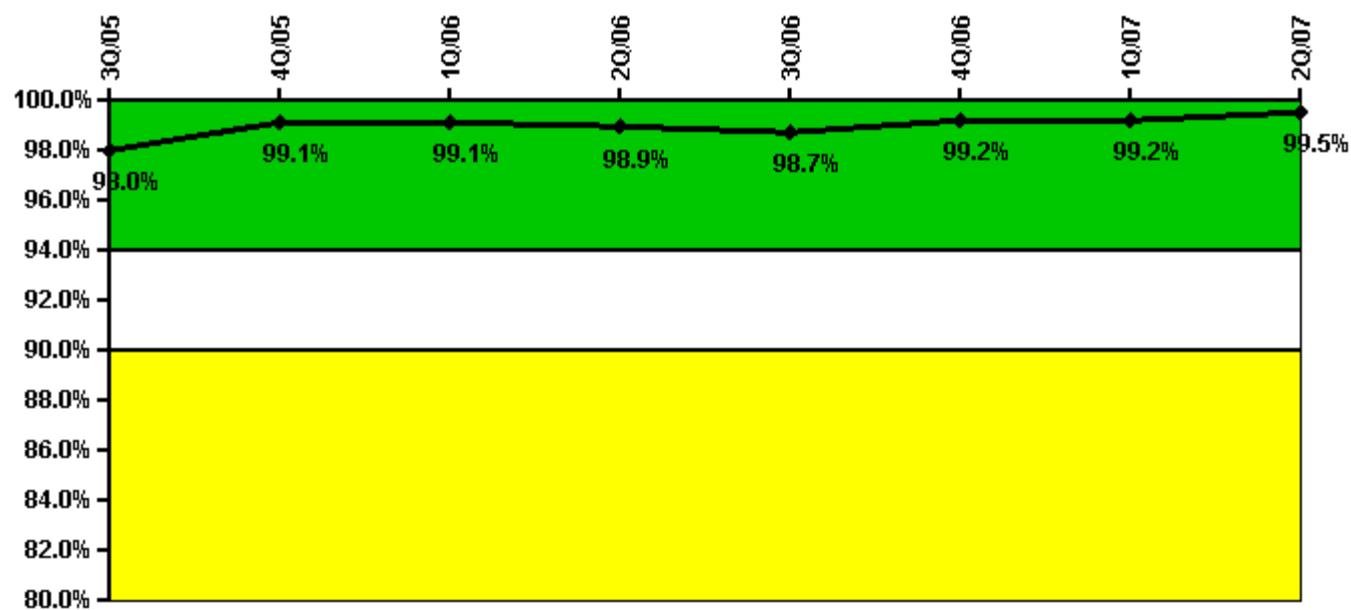
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Participating Key personnel	170.0	178.0	174.0	173.0	173.0	173.0	169.0	168.0
Total Key personnel	174.0	178.0	175.0	176.0	177.0	178.0	177.0	179.0
Indicator value	97.7%	100.0%	99.4%	98.3%	97.7%	97.2%	95.5%	93.9%

Licensee Comments: none

Alert & Notification System



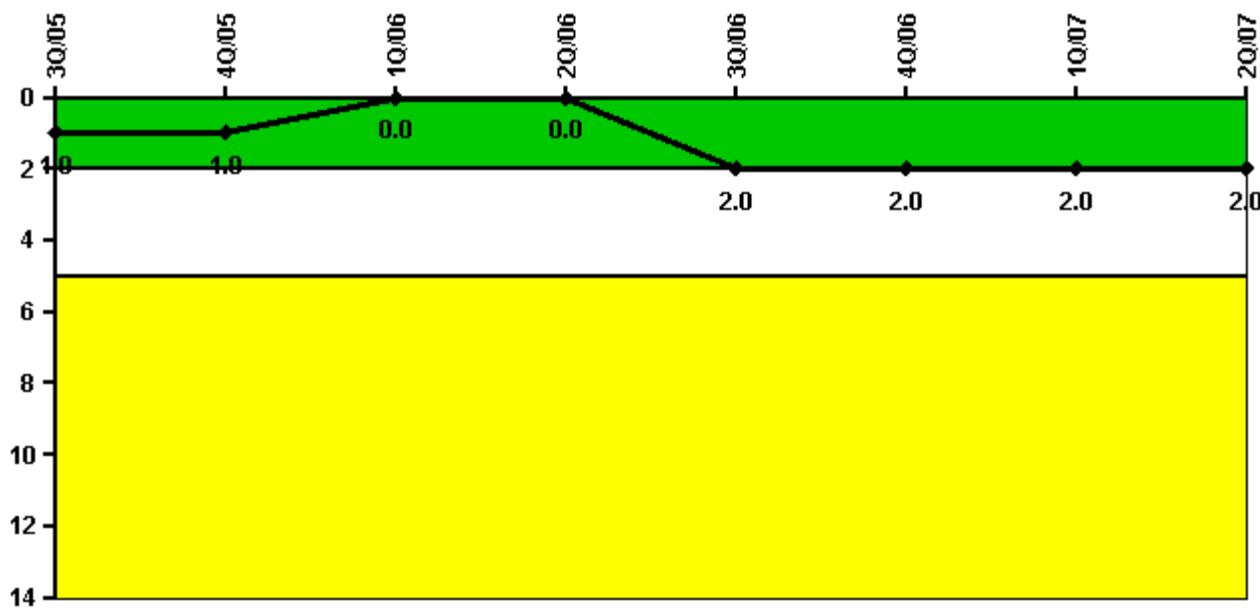
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
Successful siren-tests	1804	1763	1803	1787	1790	1801	1803	1808
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	98.0%	99.1%	99.1%	98.9%	98.7%	99.2%	99.2%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



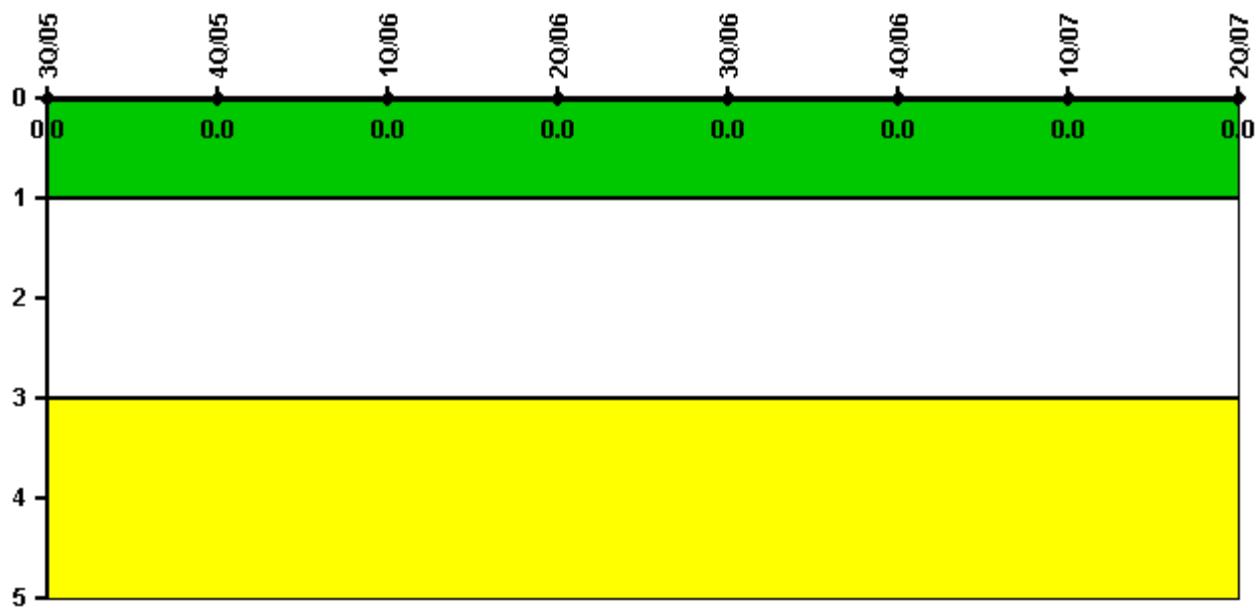
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
High radiation area occurrences	0	0	0	0	2	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	2	2	2	2

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/05	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

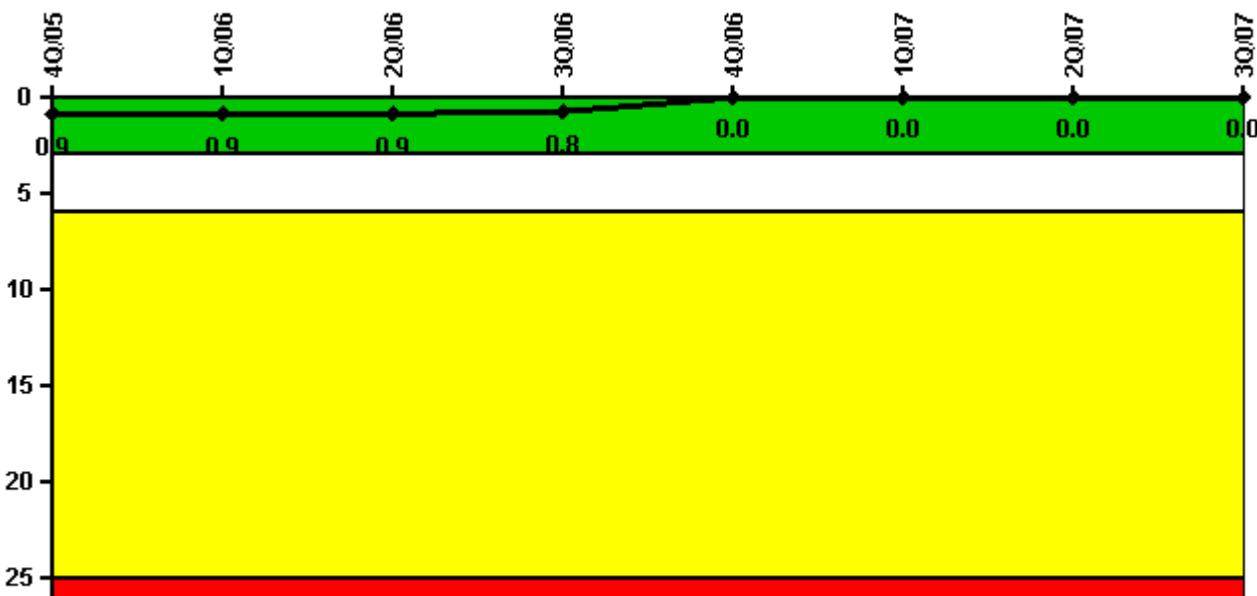
[Physical Protection](#) information not publicly available.

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3Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



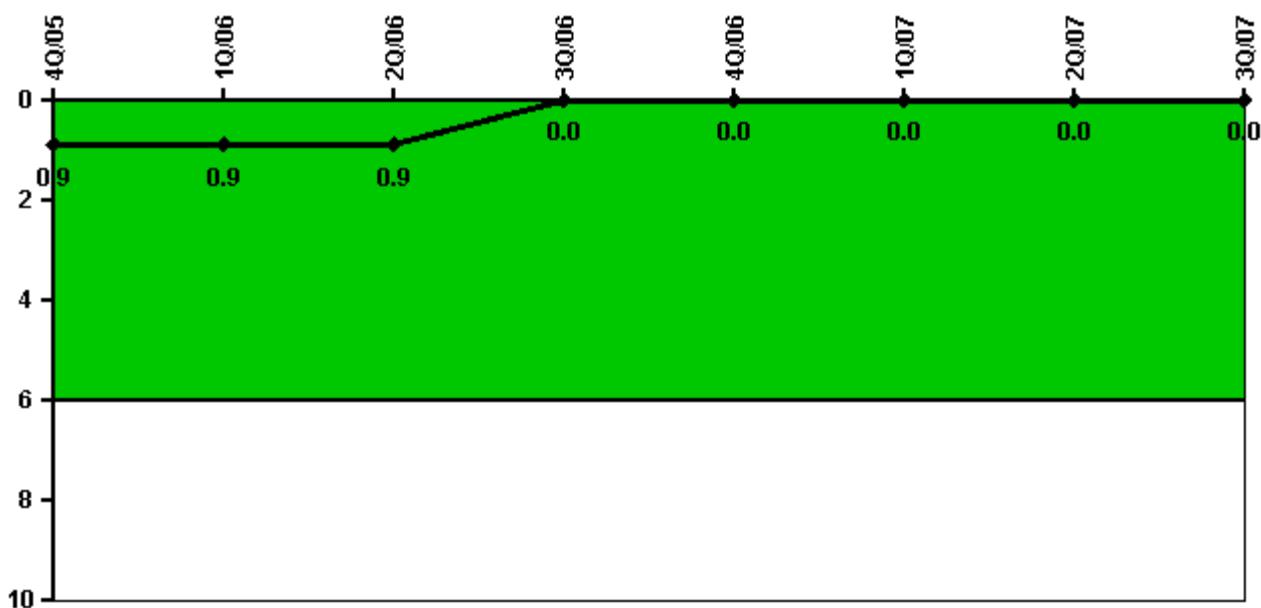
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1776.2	2160.0	2183.0	2208.0	2209.0	1638.9	824.9	2208.0
Indicator value	0.9	0.9	0.9	0.8	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



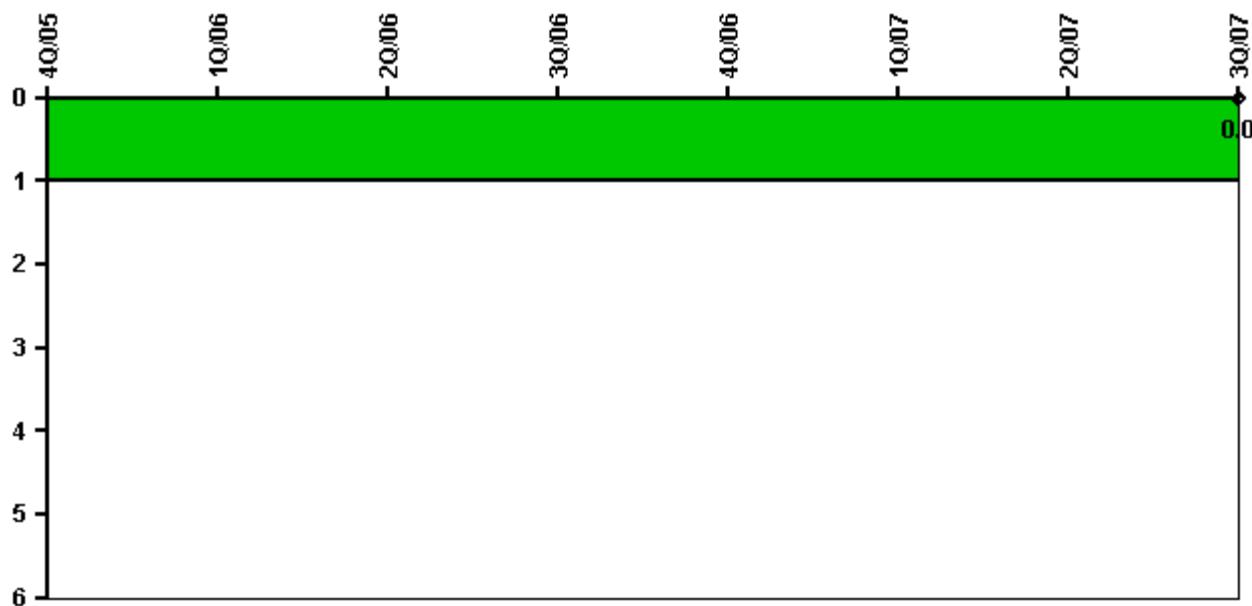
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1776.2	2160.0	2183.0	2208.0	2209.0	1638.9	824.9	2208.0
Indicator value	0.9	0.9	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



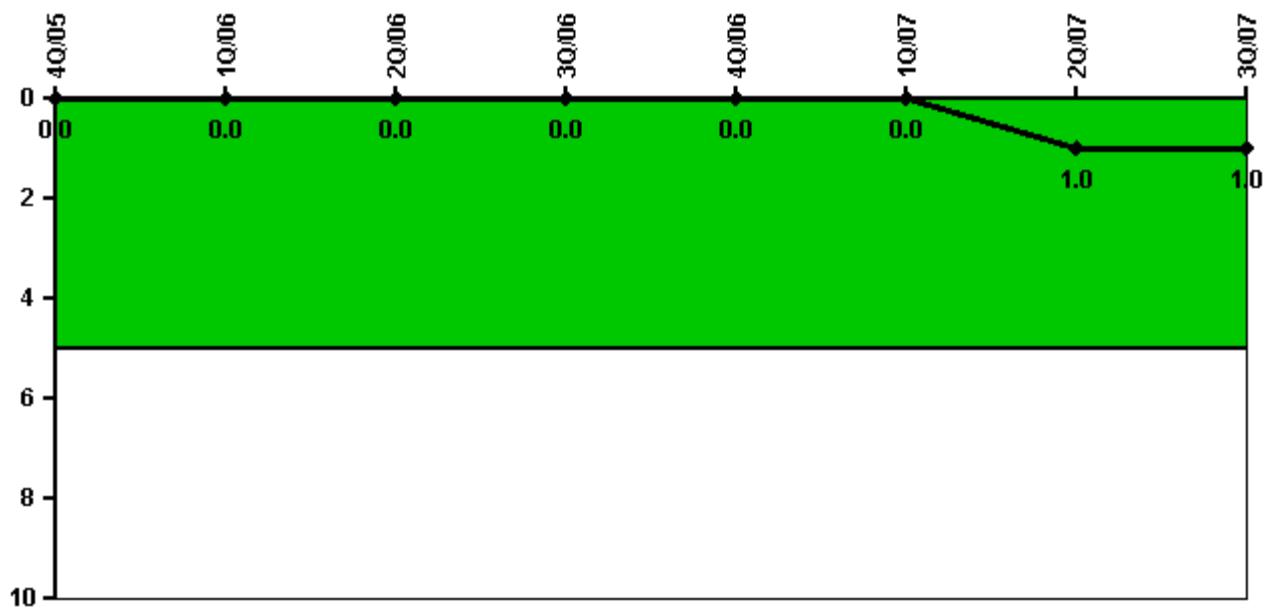
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



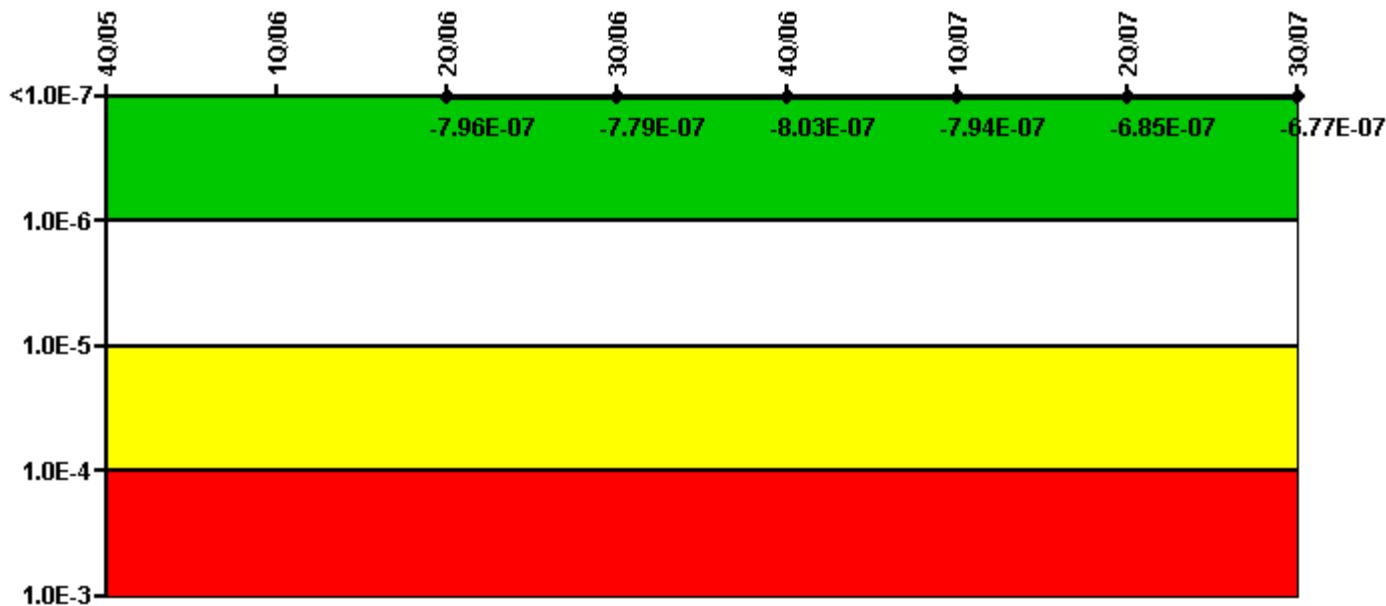
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	0	0	0	0	0	0	1	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



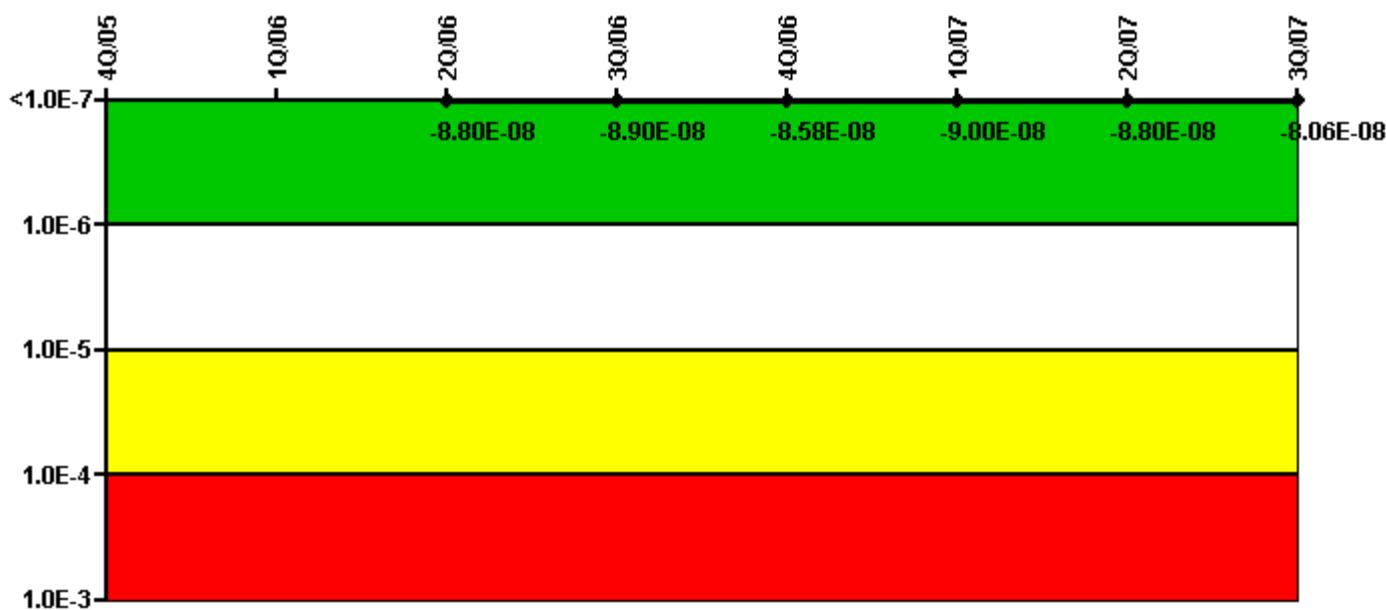
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-2.60E-08	-8.50E-09	-3.30E-08	-2.40E-08	8.50E-08	9.30E-08
URI (ΔCDF)			-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-7.96E-07	-7.79E-07	-8.03E-07	-7.94E-07	-6.85E-07	-6.77E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



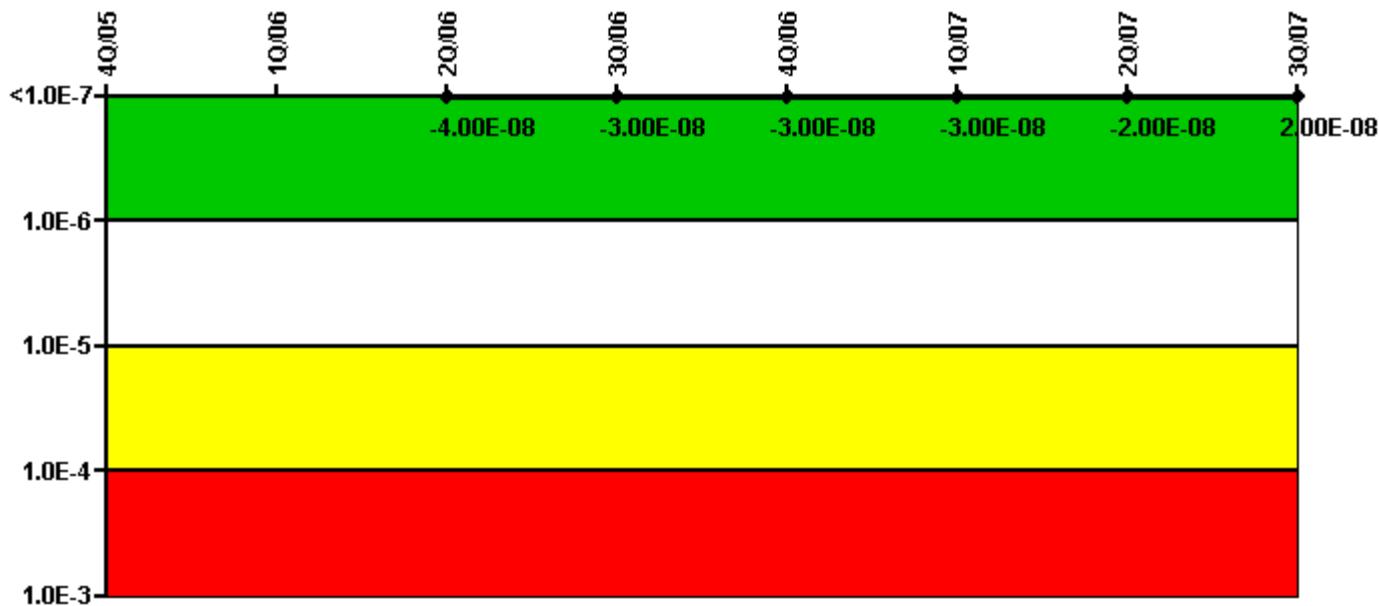
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			-1.20E-08	-1.30E-08	-9.80E-09	-1.40E-08	-1.20E-08	-4.60E-09
URI (ΔCDF)			-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-8.80E-08	-8.90E-08	-8.58E-08	-9.00E-08	-8.80E-08	-8.06E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



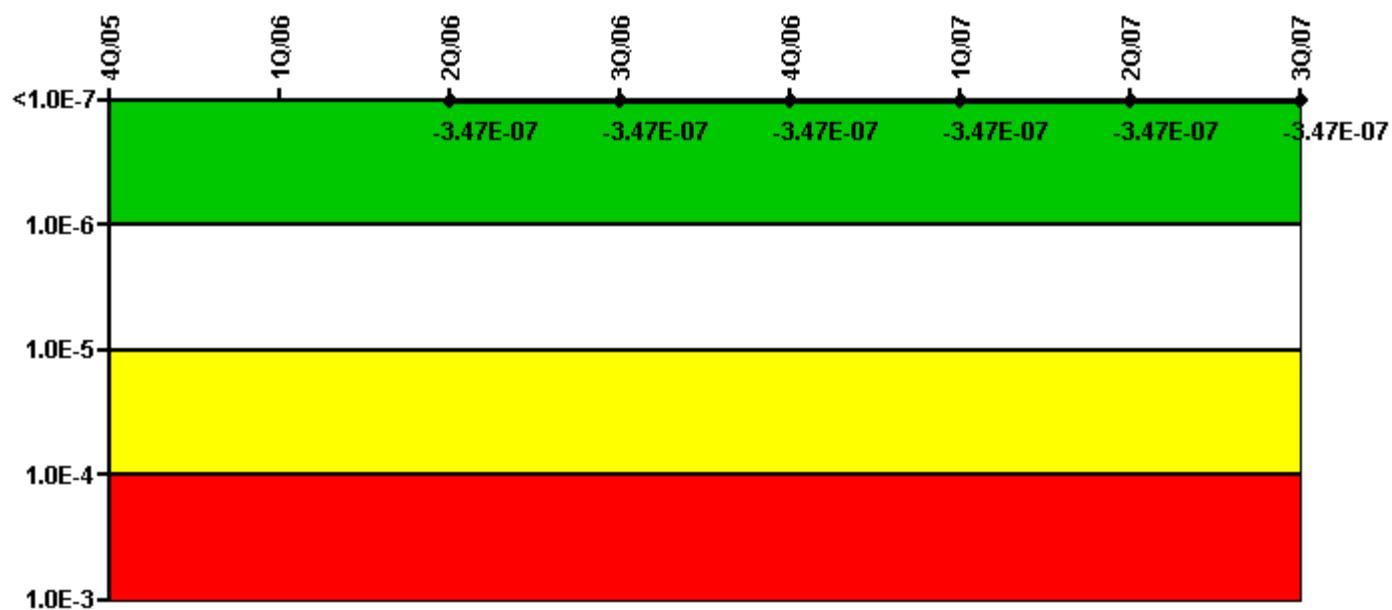
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	
UAI (Δ CDF)				1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.40E-07	1.80E-07
URI (Δ CDF)				-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07
PLE				NO	NO	NO	NO	NO	NO
Indicator value				-4.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-2.00E-08	2.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)				-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08
URI (ΔCDF)				-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07
PLE				NO	NO	NO	NO	NO
Indicator value				-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07

Licensee Comments:

2Q/07: Changed PRA Parameter(s).

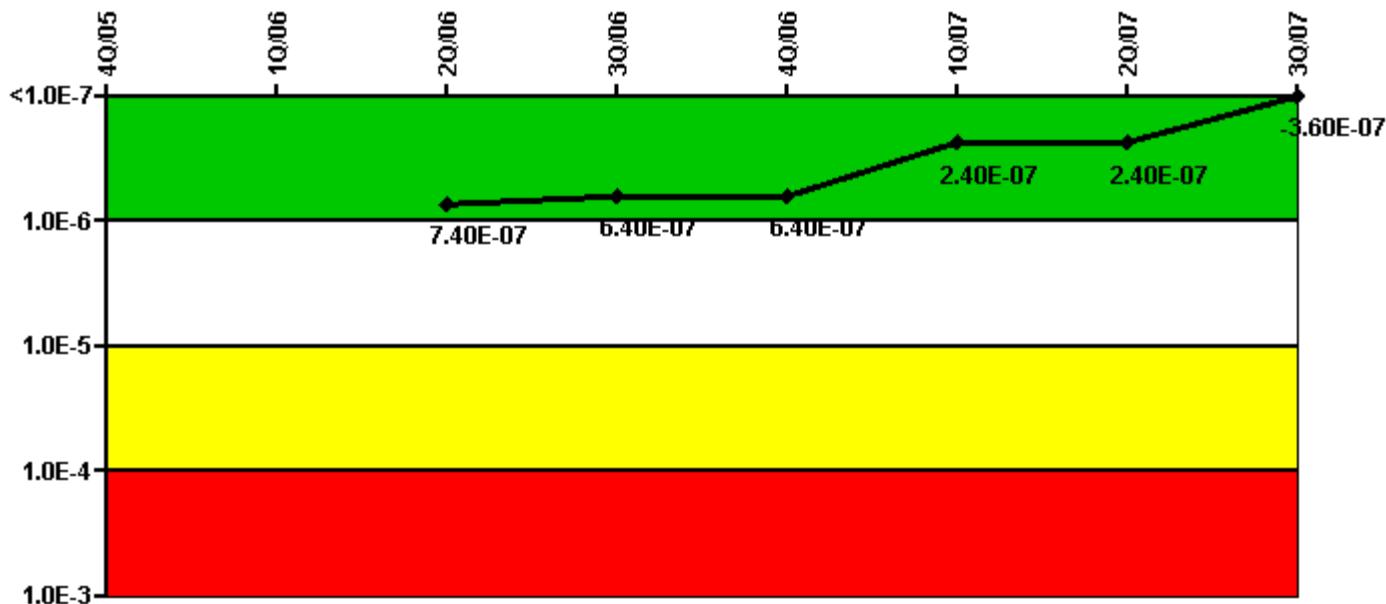
1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s).

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



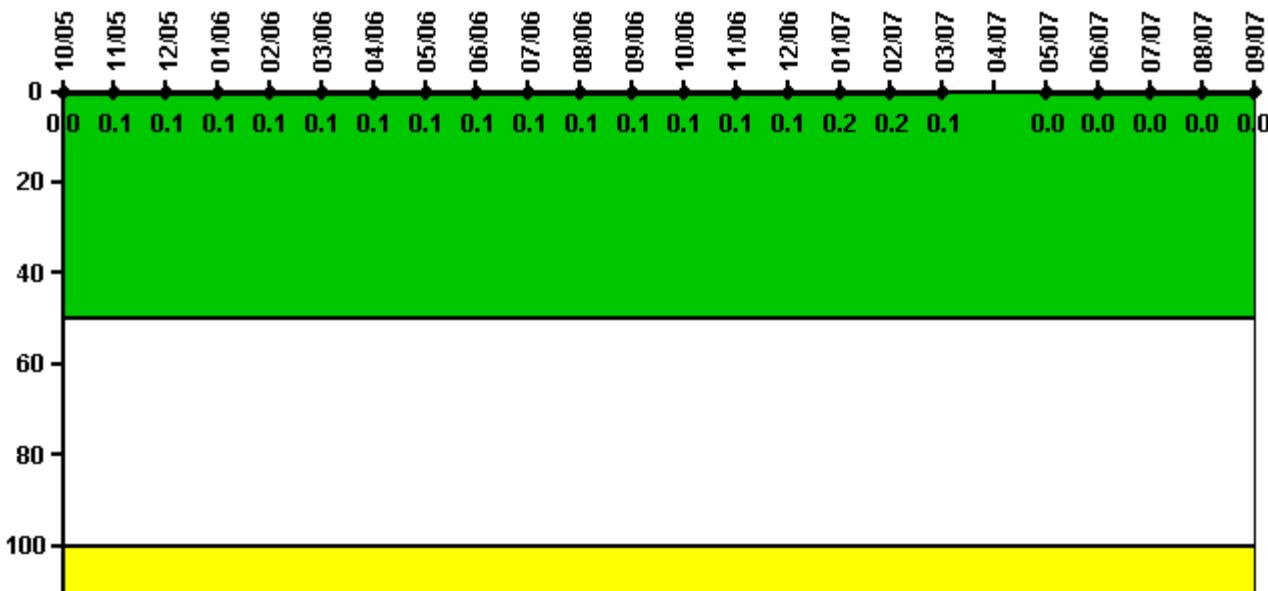
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (Δ CDF)			1.70E-06	1.60E-06	1.60E-06	1.20E-06	1.20E-06	6.00E-07
URI (Δ CDF)			-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			7.40E-07	6.40E-07	6.40E-07	2.40E-07	2.40E-07	-3.60E-07

Licensee Comments: none

Reactor Coolant System Activity



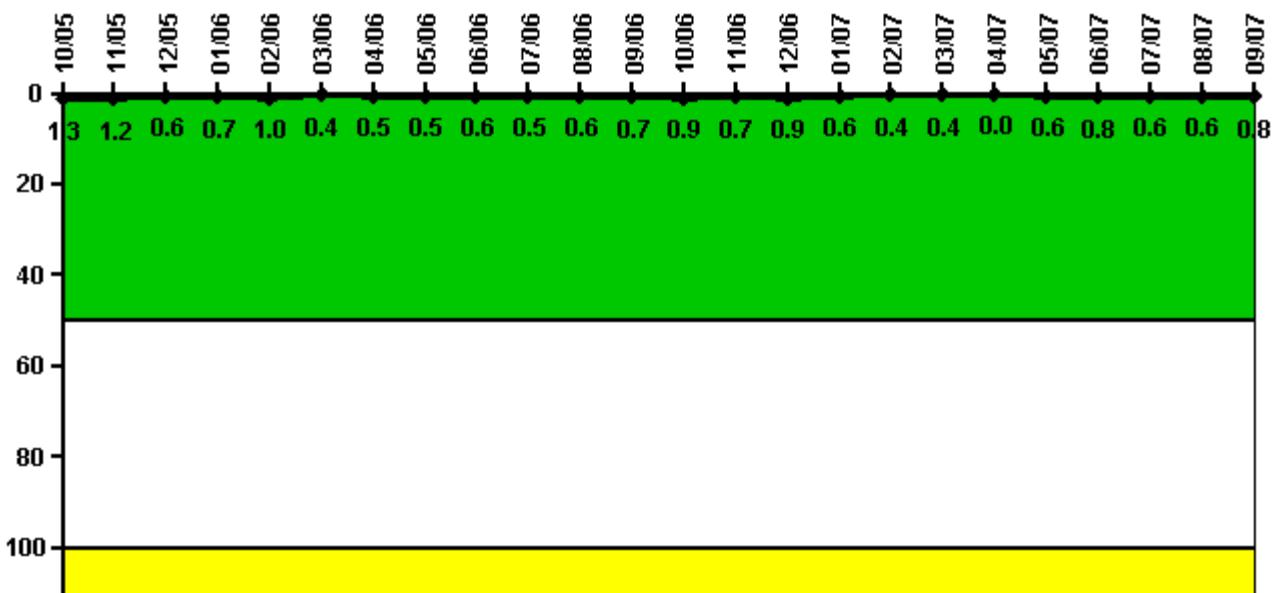
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.000482	0.000553	0.001411	0.000687	0.000661	0.000647	0.000918	0.000780	0.000916	0.000837	0.000857	0.000759
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000826	0.000832	0.000955	0.001831	0.002400	0.000696	N/A	0.000106	0.000370	0.000331	0.000371	0.000430
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.1	N/A	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



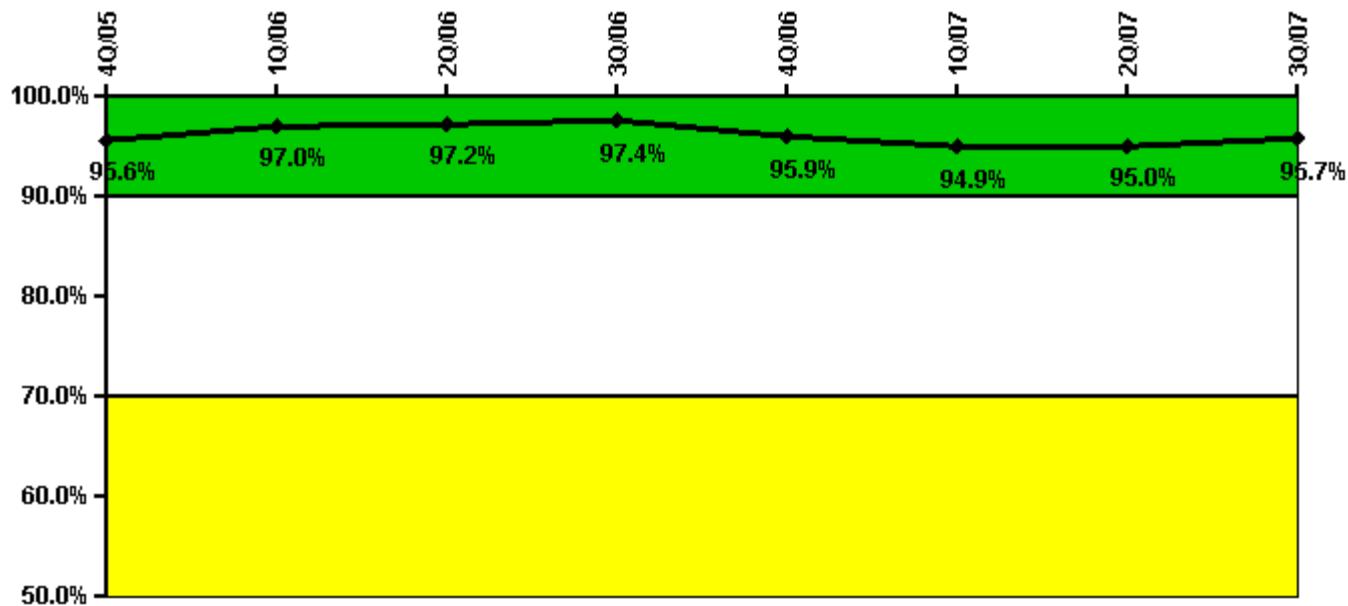
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.132	0.123	0.062	0.070	0.100	0.042	0.048	0.051	0.062	0.052	0.059	0.068
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.3	1.2	0.6	0.7	1.0	0.4	0.5	0.5	0.6	0.5	0.6	0.7
Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.089	0.068	0.092	0.058	0.043	0.044	0	0.061	0.076	0.063	0.059	0.078
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.7	0.9	0.6	0.4	0.4	0	0.6	0.8	0.6	0.6	0.8

Licensee Comments: none

Drill/Exercise Performance



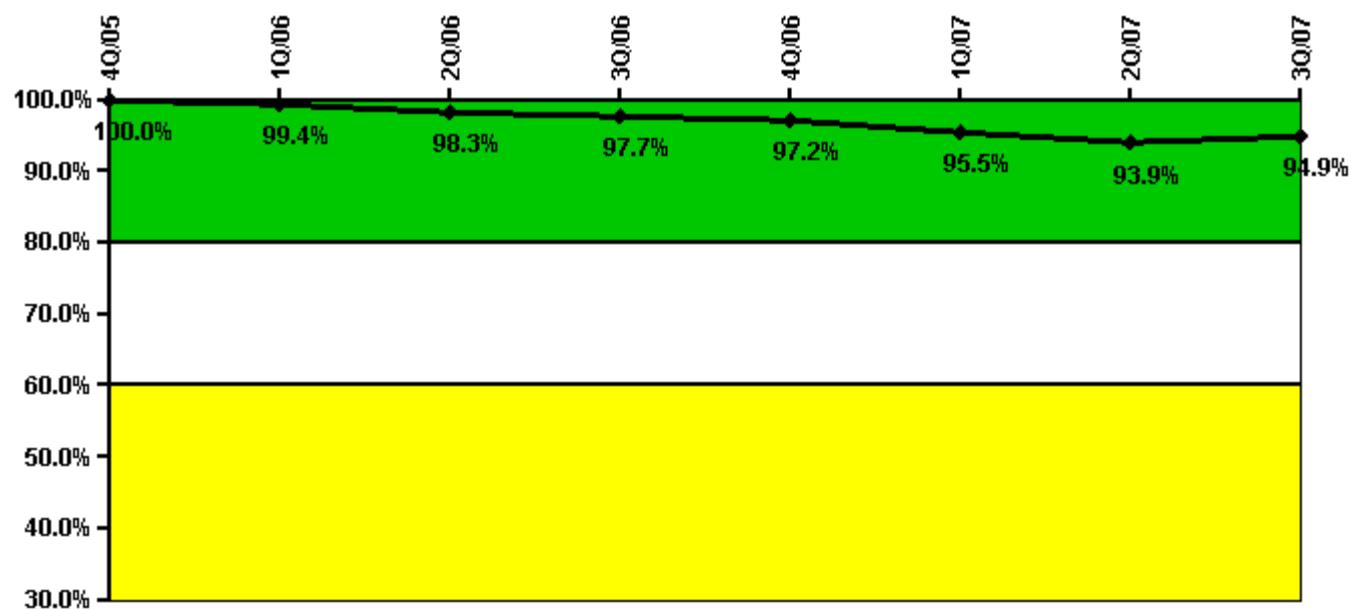
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	60.0	25.0	0	8.0	50.0	20.0	14.0	21.0
Total opportunities	62.0	26.0	0	8.0	54.0	22.0	14.0	21.0
Indicator value	95.6%	97.0%	97.2%	97.4%	95.9%	94.9%	95.0%	95.7%

Licensee Comments: none

ERO Drill Participation



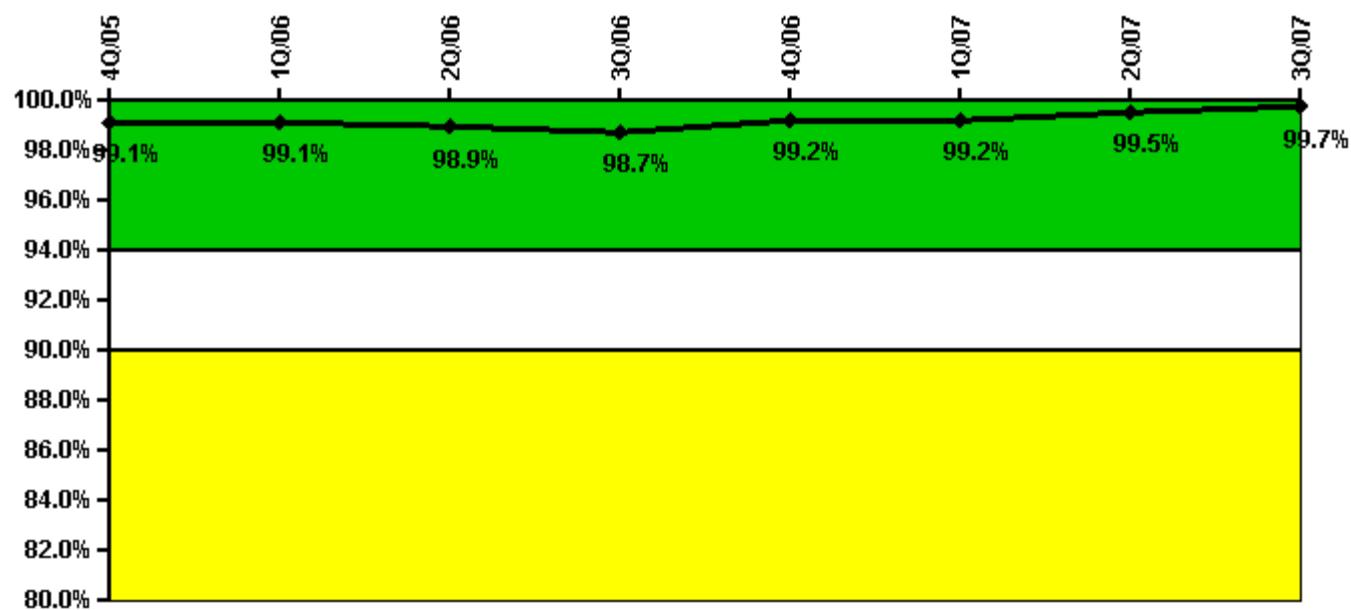
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	178.0	174.0	173.0	173.0	173.0	169.0	168.0	166.0
Total Key personnel	178.0	175.0	176.0	177.0	178.0	177.0	179.0	175.0
Indicator value	100.0%	99.4%	98.3%	97.7%	97.2%	95.5%	93.9%	94.9%

Licensee Comments: none

Alert & Notification System



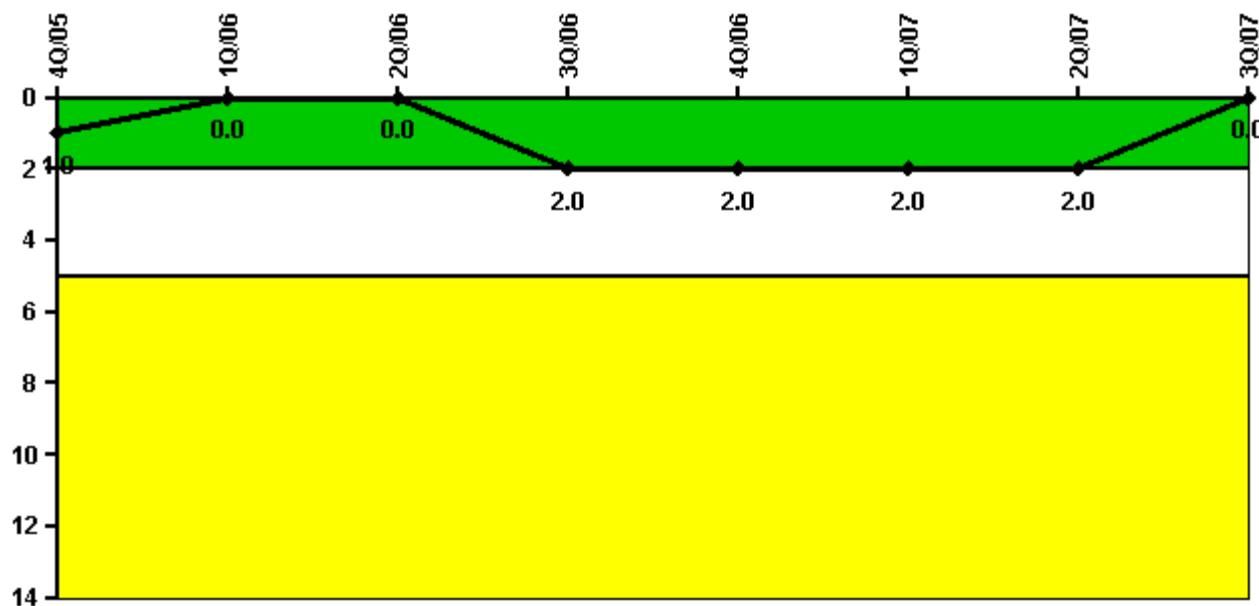
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	1763	1803	1787	1790	1801	1803	1808	1801
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	99.1%	99.1%	98.9%	98.7%	99.2%	99.2%	99.5%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



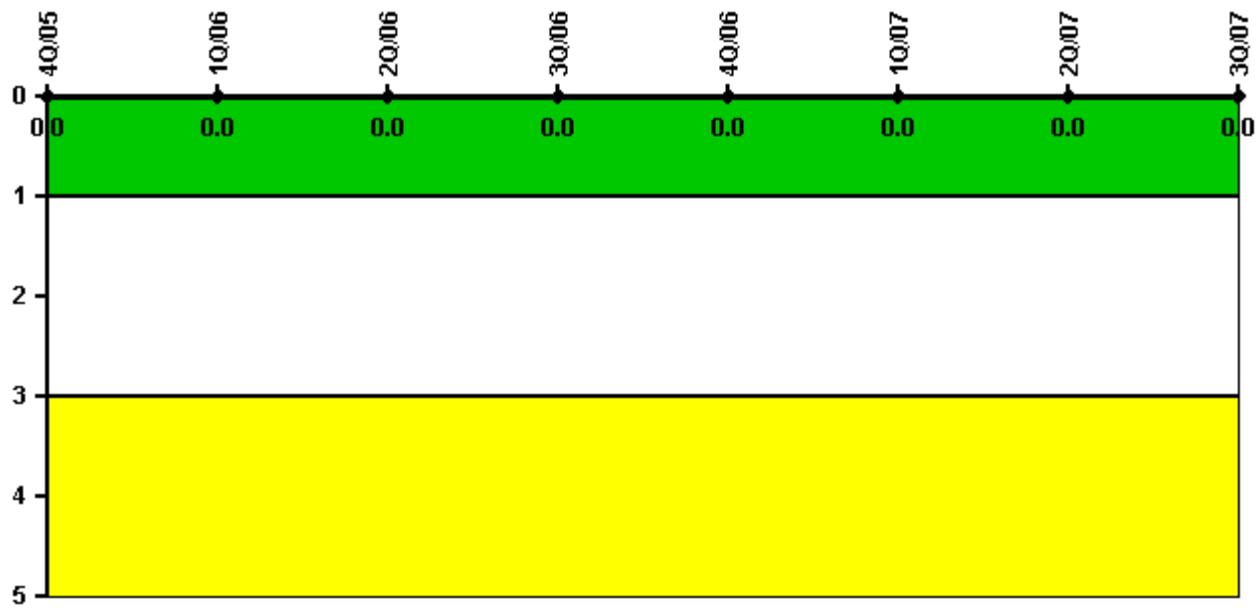
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
High radiation area occurrences	0	0	0	2	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0	0	2	2	2	2	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

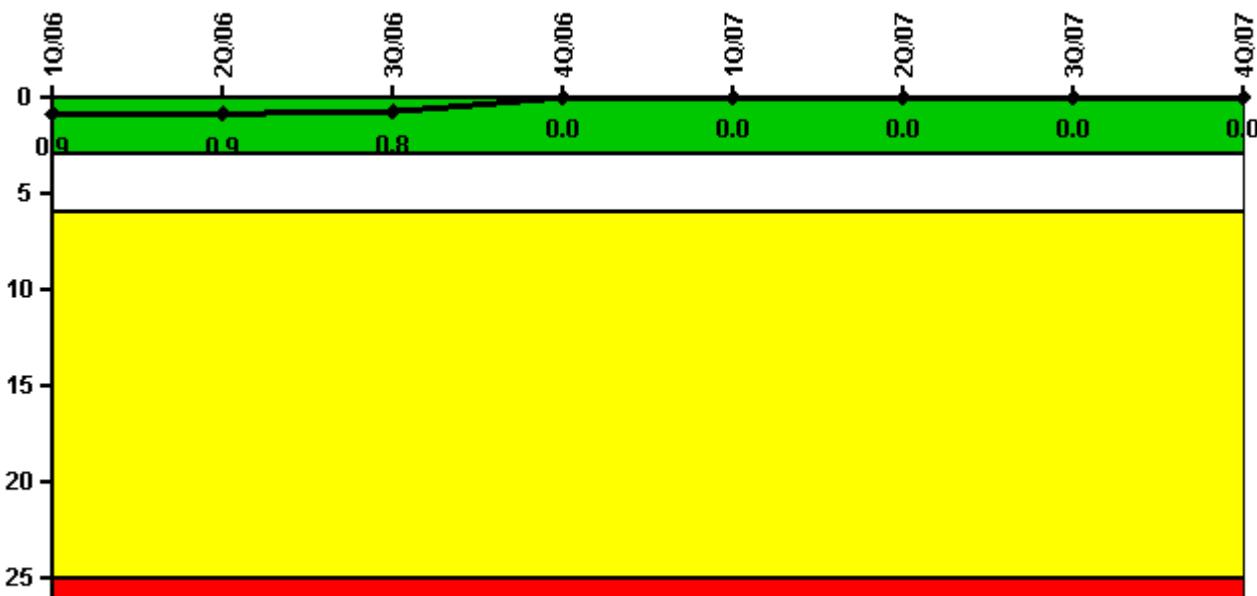
[Physical Protection](#) information not publicly available.

McGuire 1

4Q/2007 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



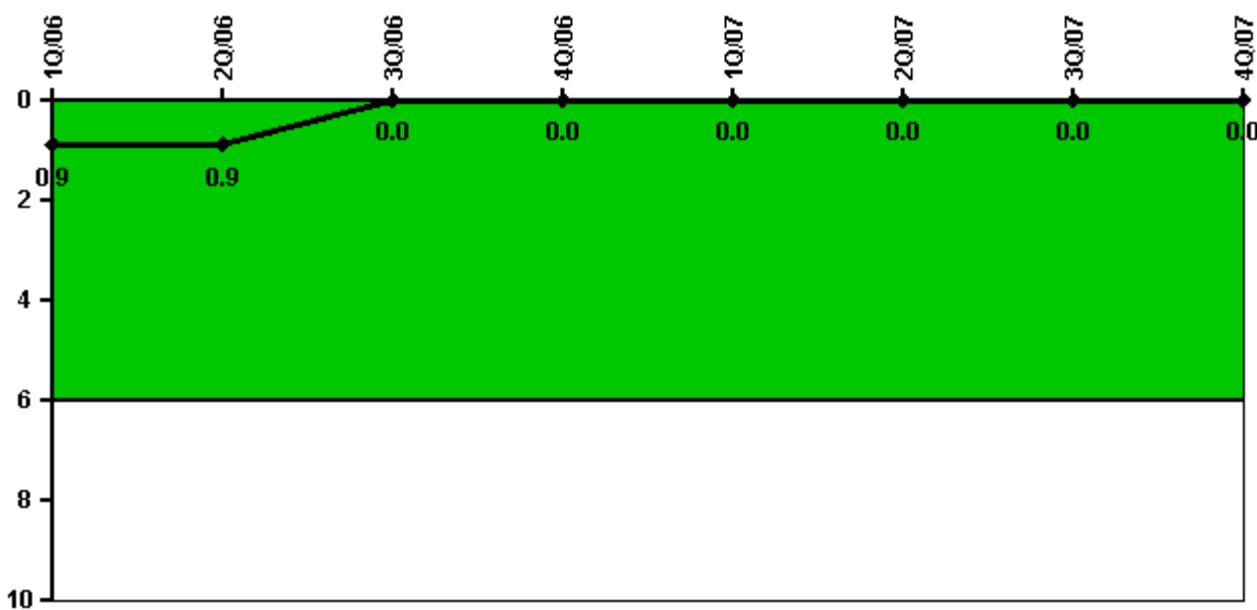
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1638.9	824.9	2208.0	2209.0
Indicator value	0.9	0.9	0.8	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



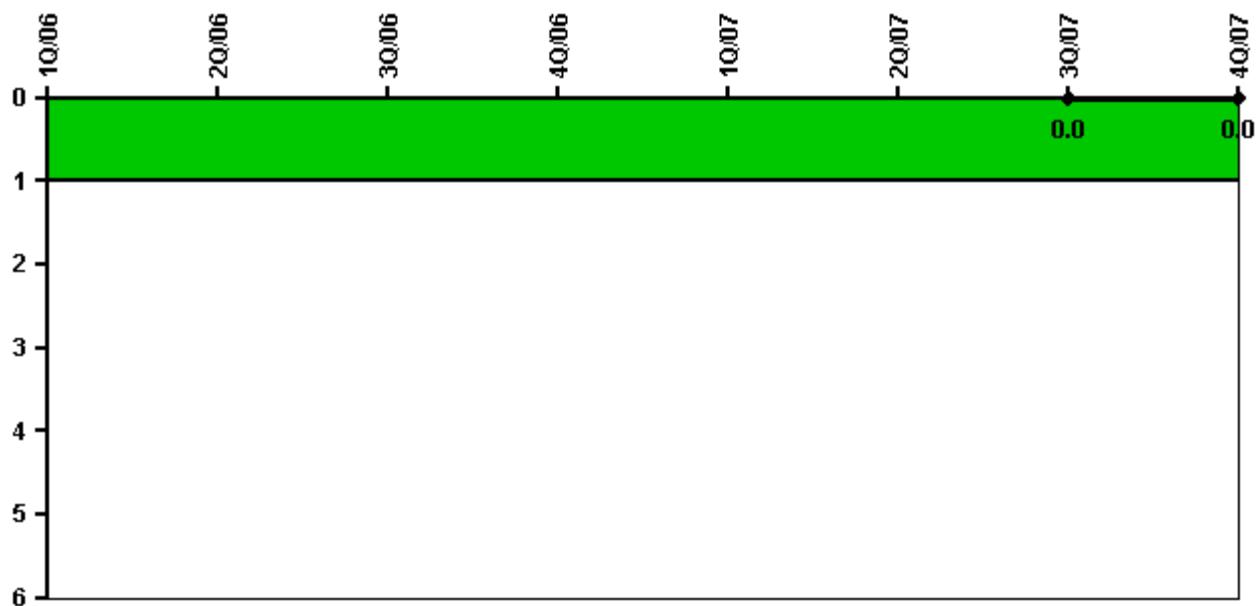
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2160.0	2183.0	2208.0	2209.0	1638.9	824.9	2208.0	2209.0
Indicator value	0.9	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



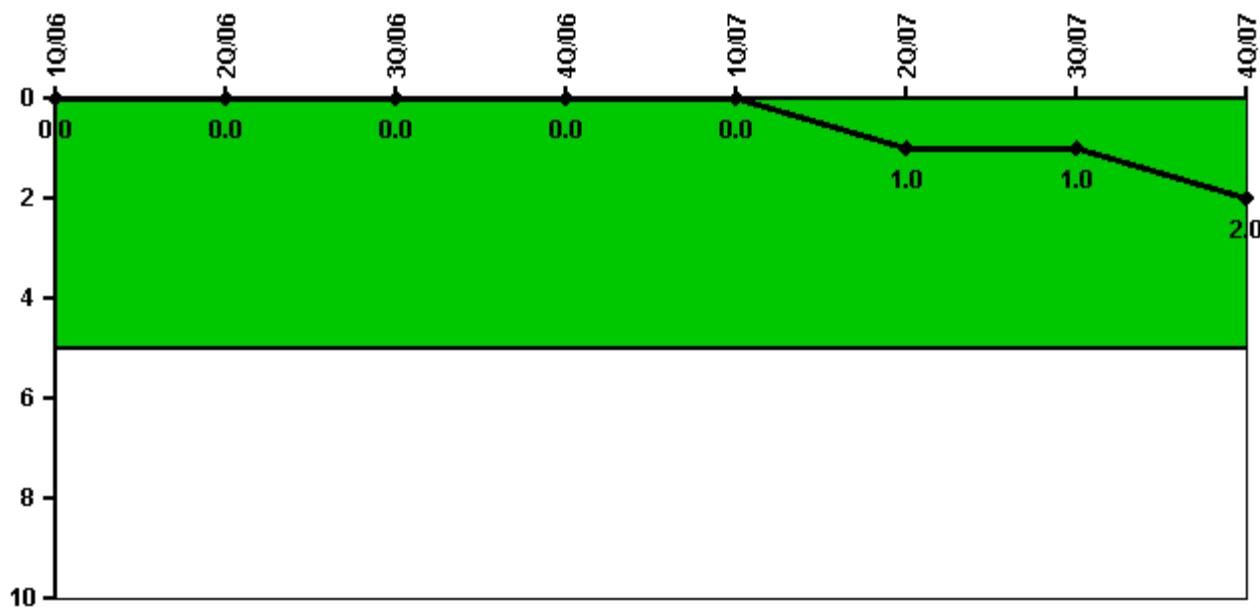
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Scrams with complications				0	0	0	0	0
Indicator value							0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



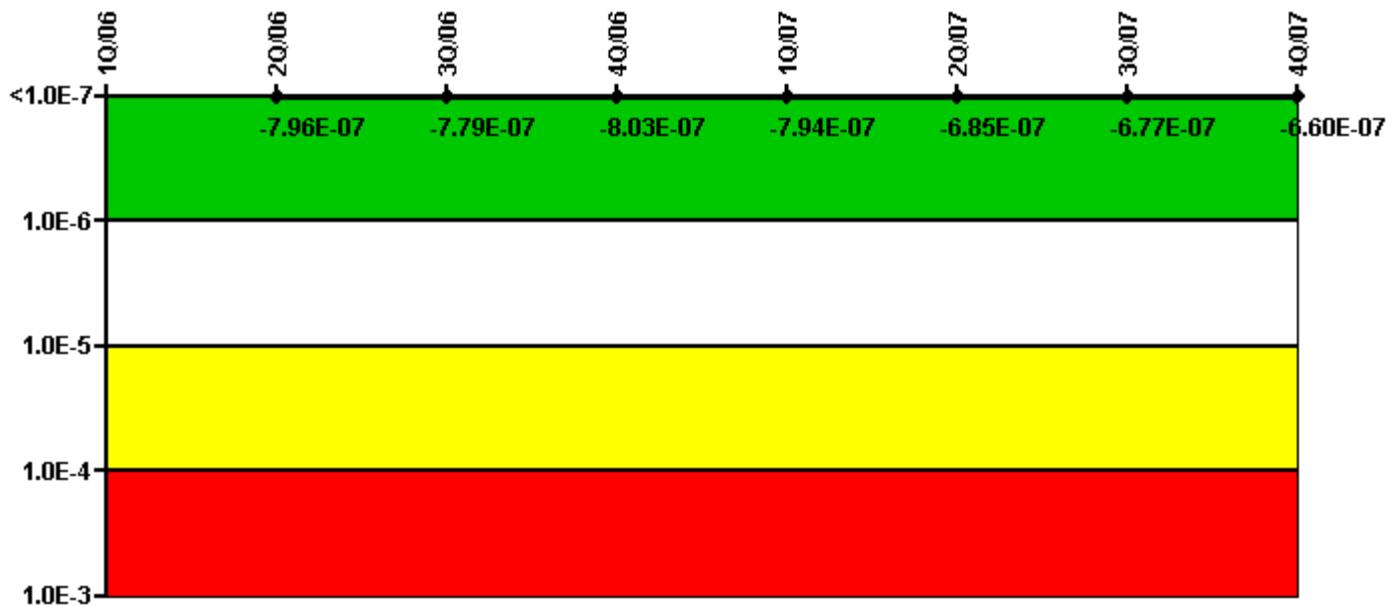
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Safety System Functional Failures	0	0	0	0	0	1	0	1
Indicator value	0	0	0	0	0	1	1	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



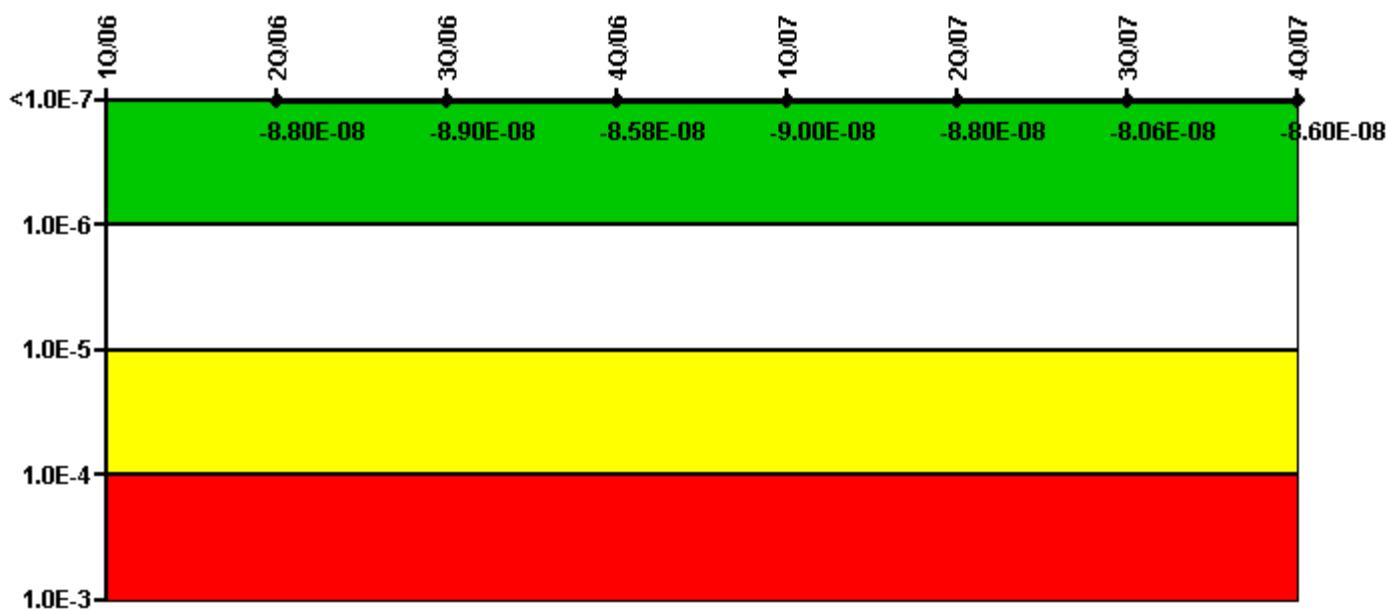
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-2.60E-08	-8.50E-09	-3.30E-08	-2.40E-08	8.50E-08	9.30E-08	1.10E-07
URI (Δ CDF)		-7.70E-07						
PLE		NO						
Indicator value		-7.96E-07	-7.79E-07	-8.03E-07	-7.94E-07	-6.85E-07	-6.77E-07	-6.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



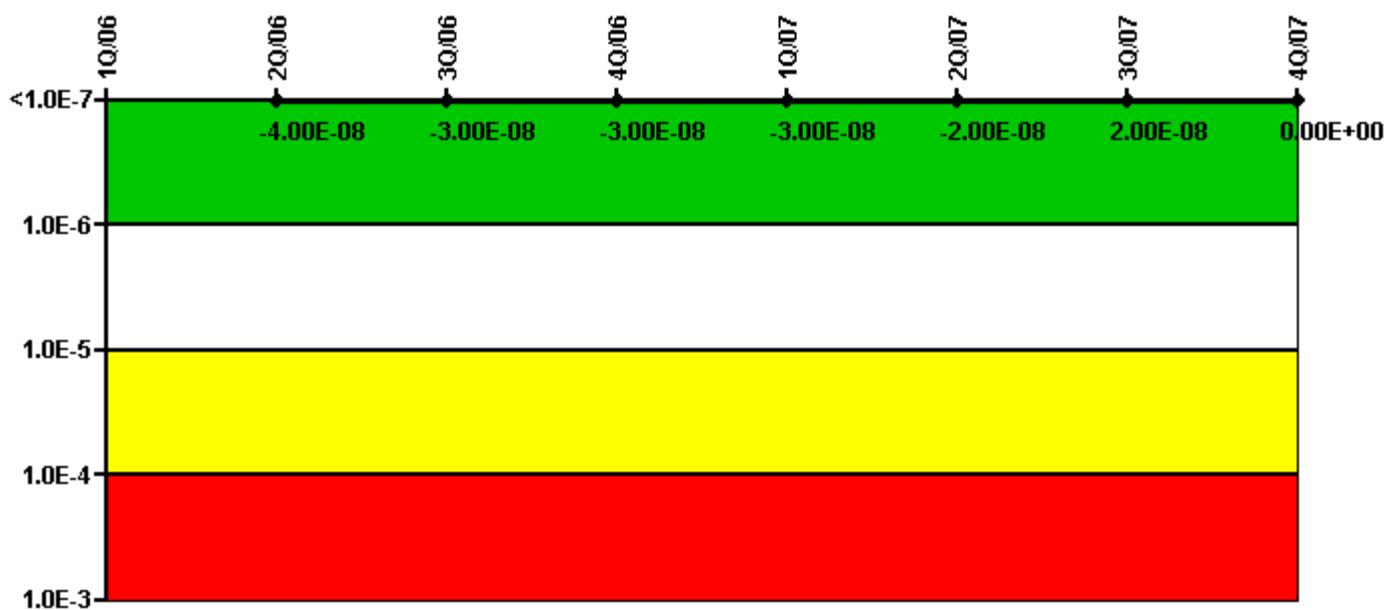
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-1.20E-08	-1.30E-08	-9.80E-09	-1.40E-08	-1.20E-08	-4.60E-09	-1.00E-08
URI (Δ CDF)		-7.60E-08						
PLE		NO						
Indicator value		-8.80E-08	-8.90E-08	-8.58E-08	-9.00E-08	-8.80E-08	-8.06E-08	-8.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



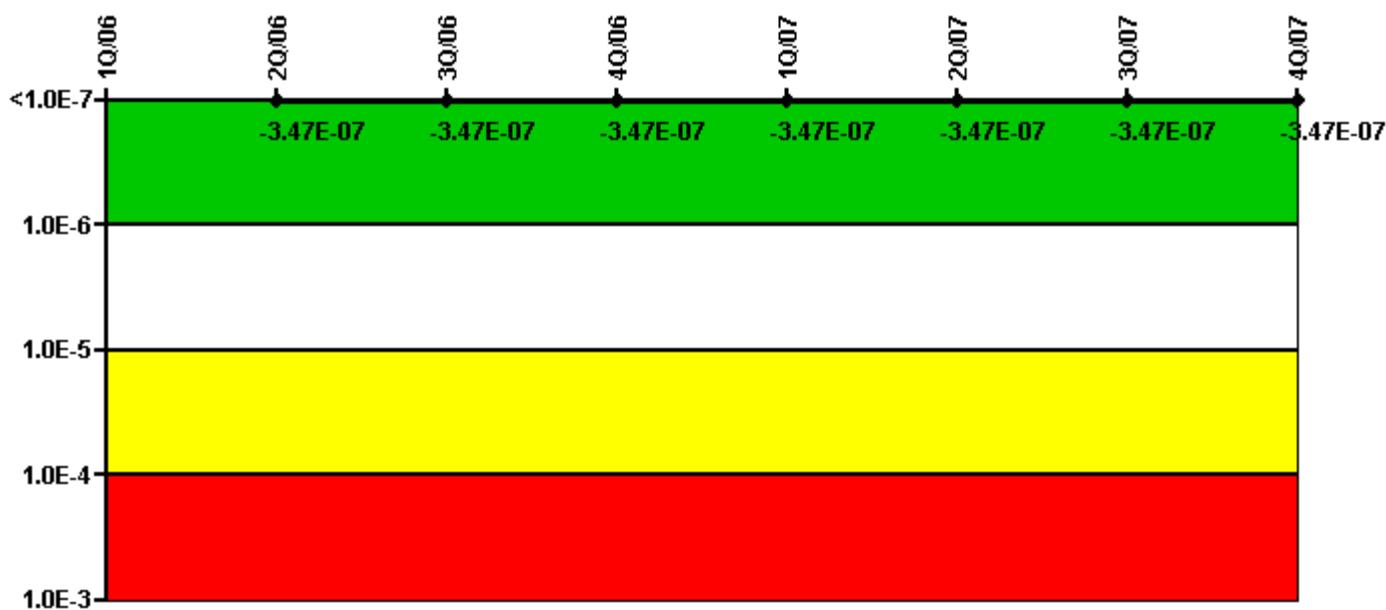
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.40E-07	1.80E-07	1.60E-07
URI (Δ CDF)		-1.60E-07						
PLE		NO						
Indicator value		-4.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-2.00E-08	2.00E-08	0.00E+00

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



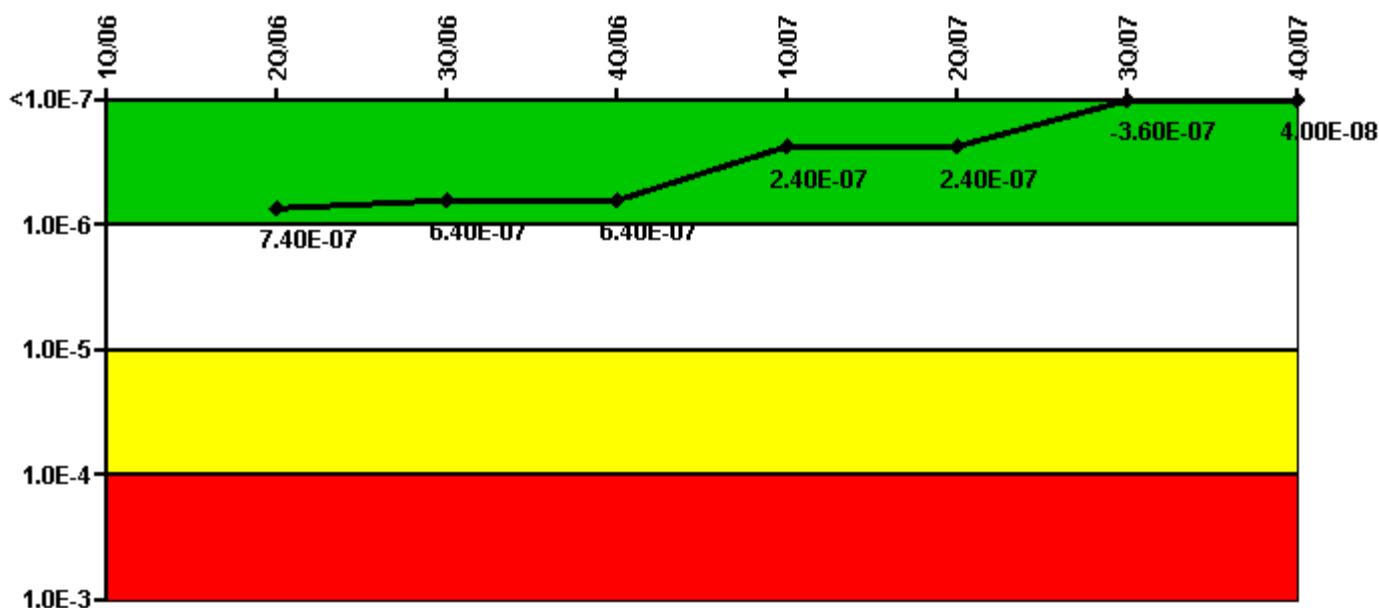
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		-7.70E-08						
URI (Δ CDF)		-2.70E-07						
PLE		NO						
Indicator value		-3.47E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



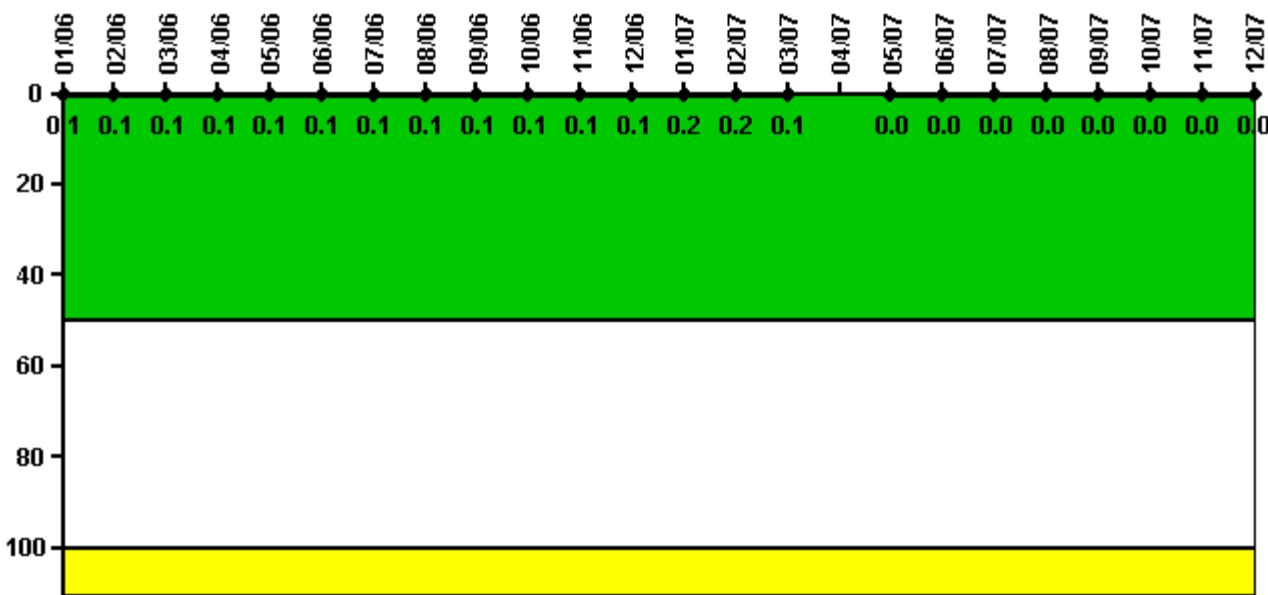
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
UAI (Δ CDF)		1.70E-06	1.60E-06	1.60E-06	1.20E-06	1.20E-06	6.00E-07	1.00E-06
URI (Δ CDF)			-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07
PLE		NO	NO	NO	NO	NO	NO	NO
Indicator value		7.40E-07	6.40E-07	6.40E-07	2.40E-07	2.40E-07	-3.60E-07	4.00E-08

Licensee Comments: none

Reactor Coolant System Activity



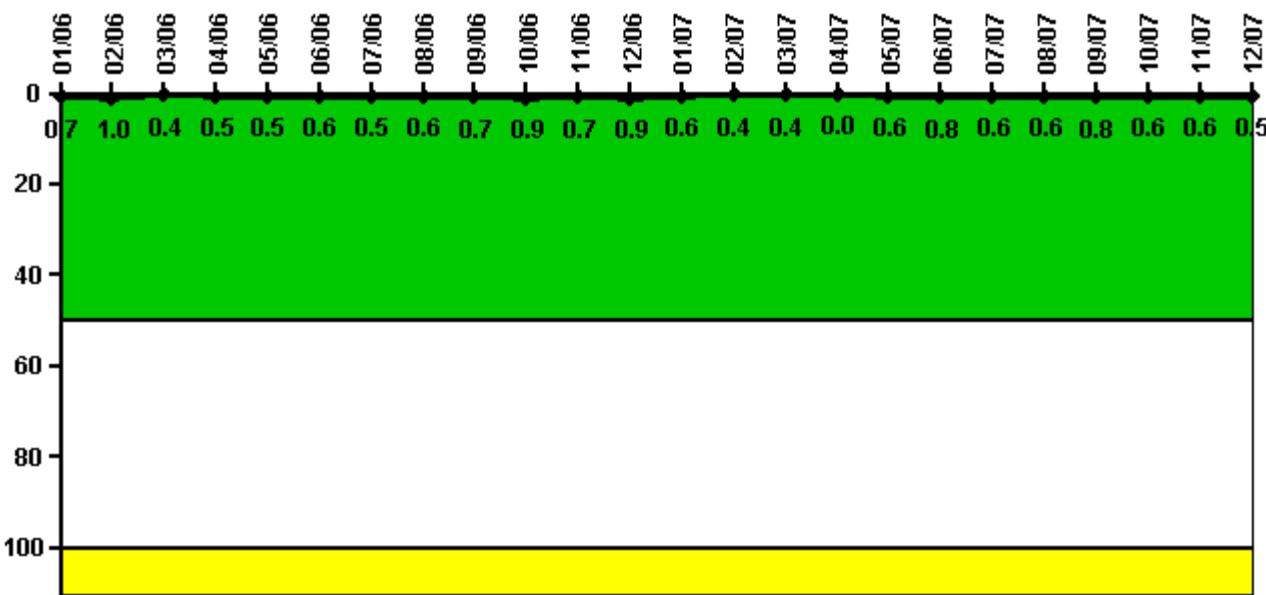
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum activity	0.000687	0.000661	0.000647	0.000918	0.000780	0.000916	0.000837	0.000857	0.000759	0.000826	0.000832	0.000955
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.001831	0.002400	0.000696	N/A	0.000106	0.000370	0.000331	0.000371	0.000430	0.000419	0.000442	0.000453
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.1	N/A	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



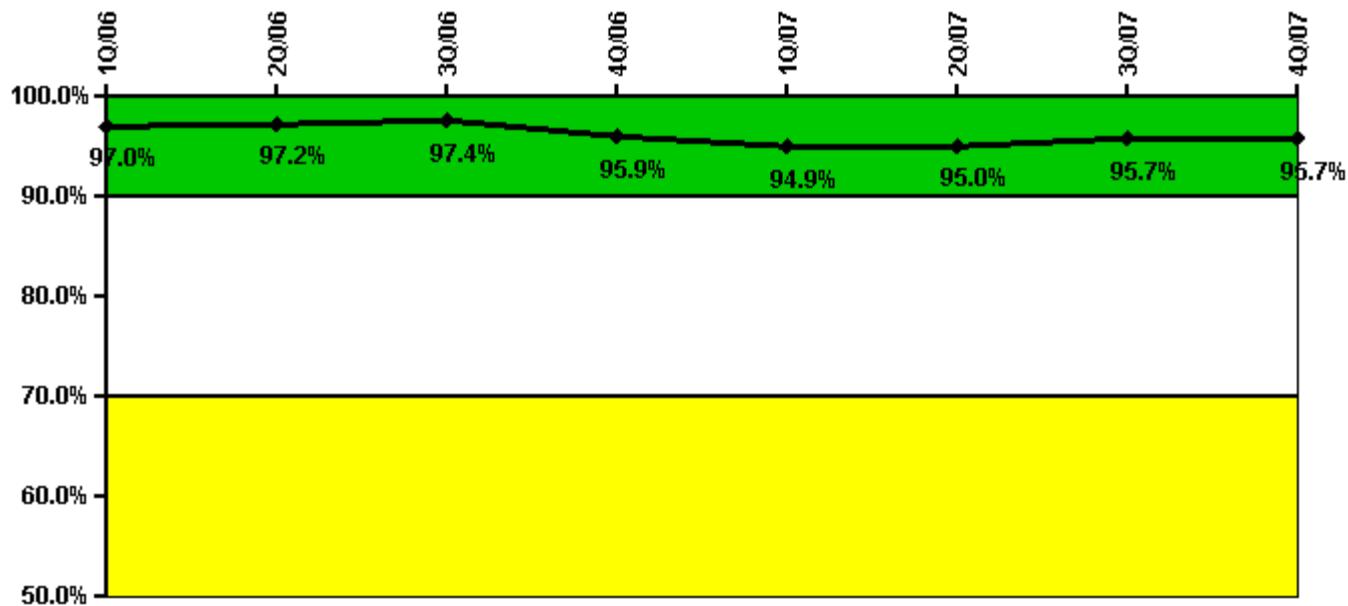
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06
Maximum leakage	0.070	0.100	0.042	0.048	0.051	0.062	0.052	0.059	0.068	0.089	0.068	0.092
Indicator value	0.7	1.0	0.4	0.5	0.5	0.6	0.5	0.6	0.7	0.9	0.7	0.9
Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.058	0.043	0.044	0	0.061	0.076	0.063	0.059	0.078	0.058	0.057	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.4	0.4	0	0.6	0.8	0.6	0.6	0.8	0.6	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



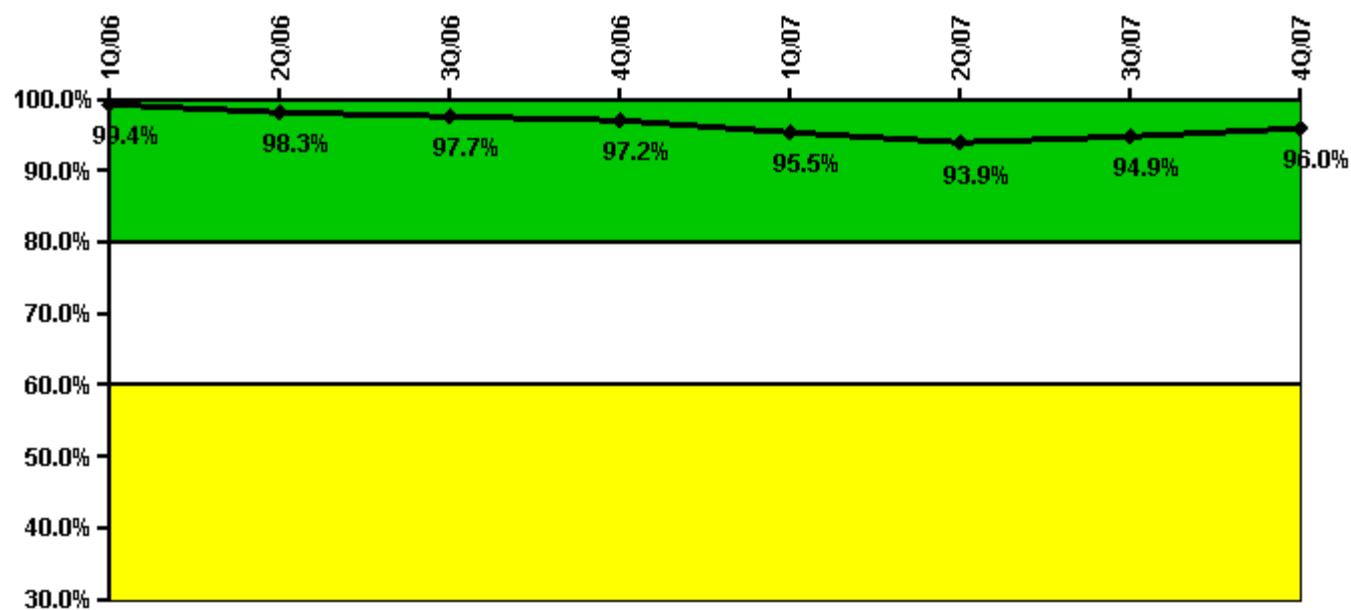
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful opportunities	25.0	0	8.0	50.0	20.0	14.0	21.0	63.0
Total opportunities	26.0	0	8.0	54.0	22.0	14.0	21.0	65.0
Indicator value	97.0%	97.2%	97.4%	95.9%	94.9%	95.0%	95.7%	95.7%

Licensee Comments: none

ERO Drill Participation



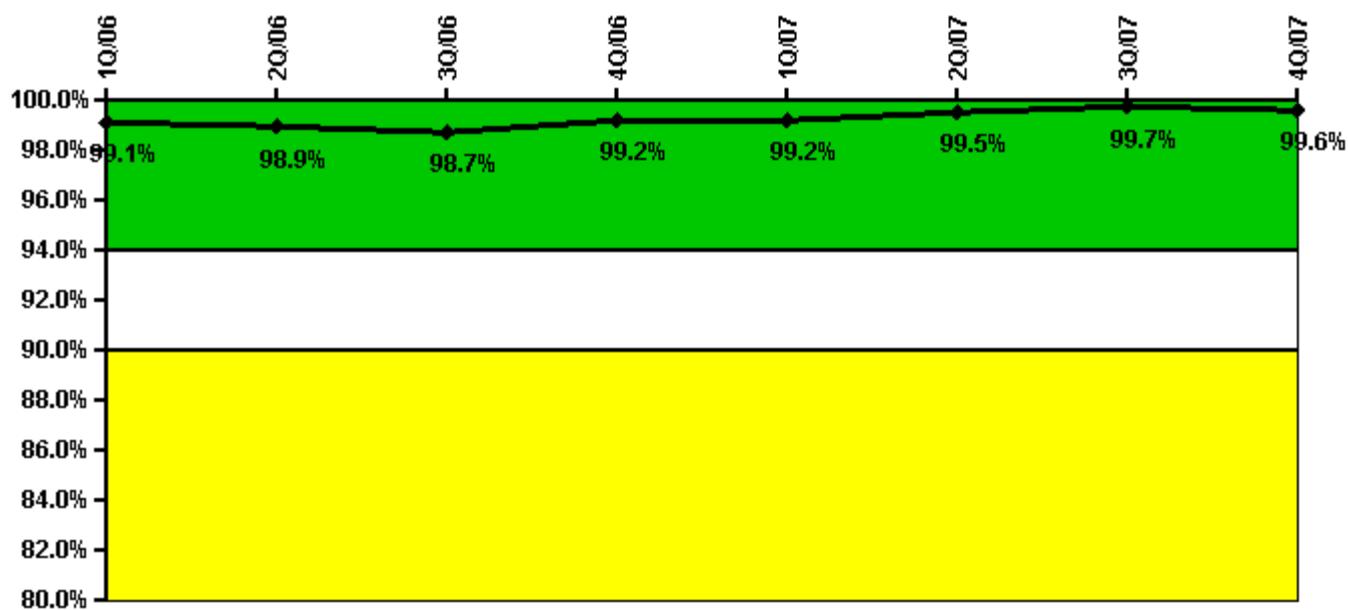
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Participating Key personnel	174.0	173.0	173.0	173.0	169.0	168.0	166.0	169.0
Total Key personnel	175.0	176.0	177.0	178.0	177.0	179.0	175.0	176.0
Indicator value	99.4%	98.3%	97.7%	97.2%	95.5%	93.9%	94.9%	96.0%

Licensee Comments: none

Alert & Notification System



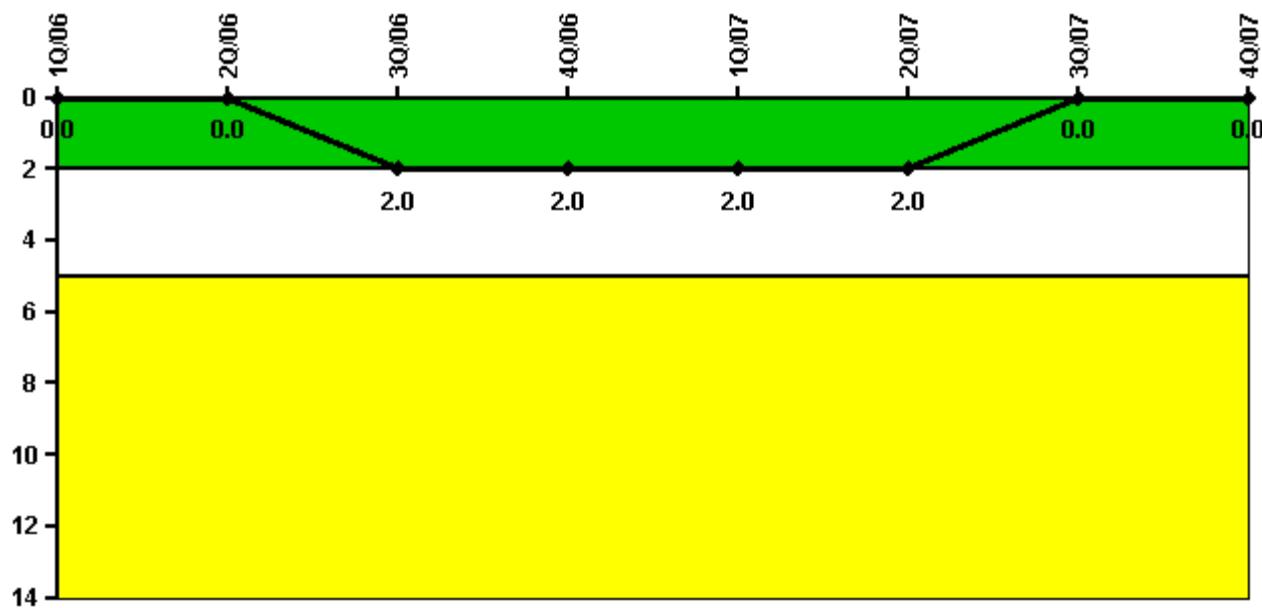
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
Successful siren-tests	1803	1787	1790	1801	1803	1808	1801	1795
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	99.1%	98.9%	98.7%	99.2%	99.2%	99.5%	99.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



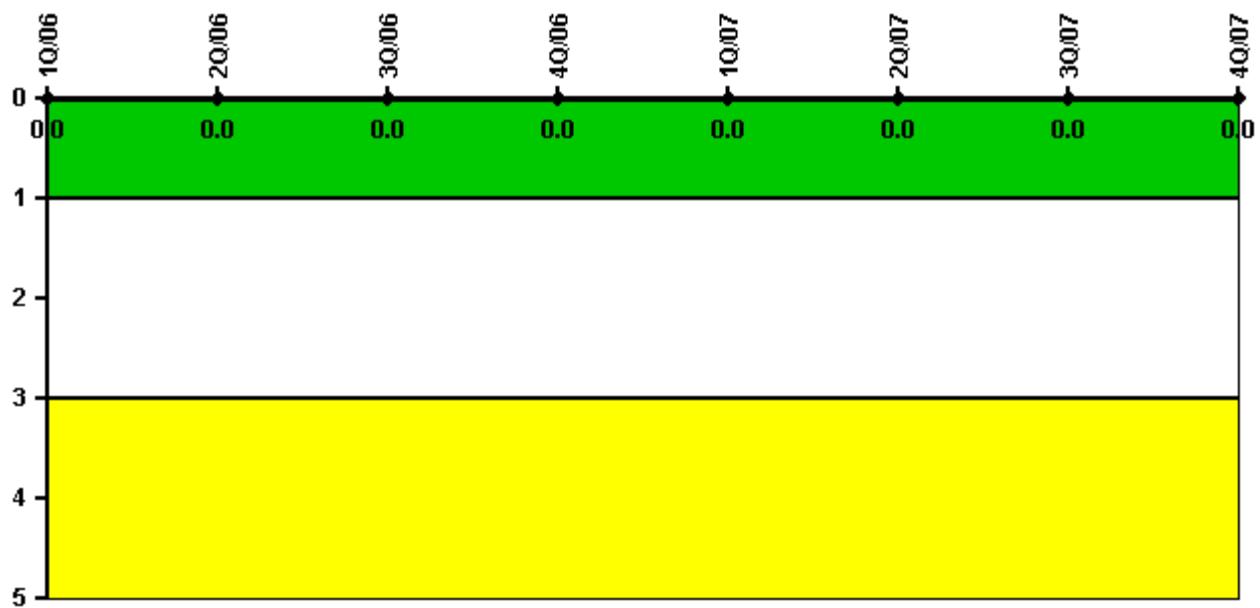
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
High radiation area occurrences	0	0	2	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	2	2	2	2	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.

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1Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



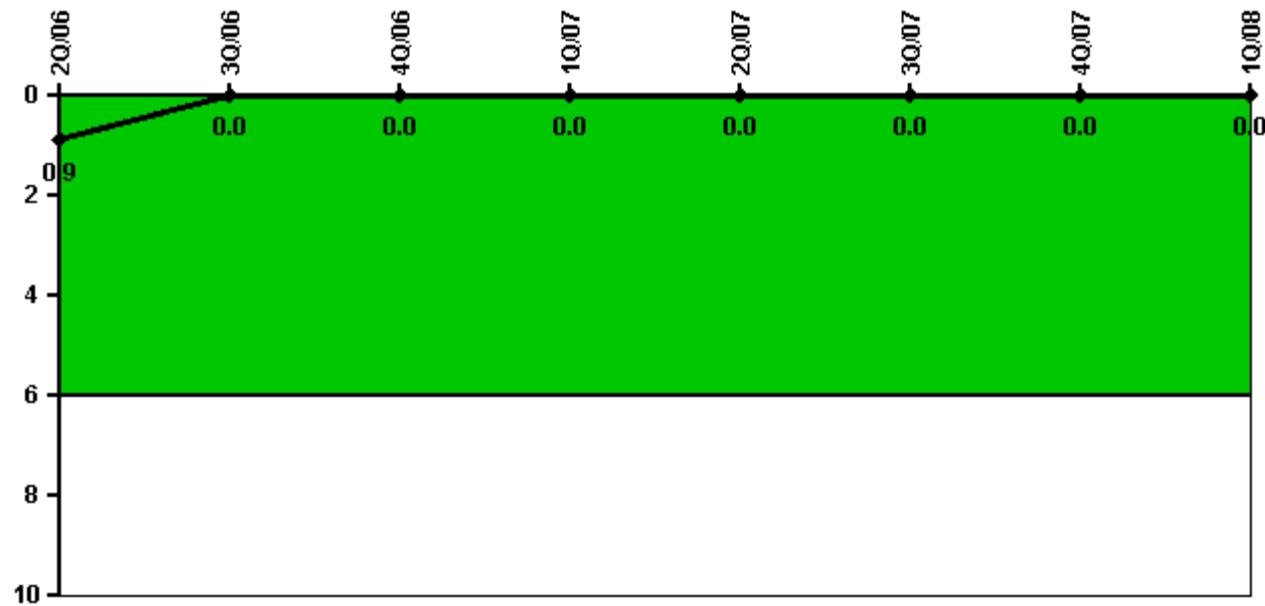
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1638.9	824.9	2208.0	2209.0	2183.0
Indicator value	0.9	0.8	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



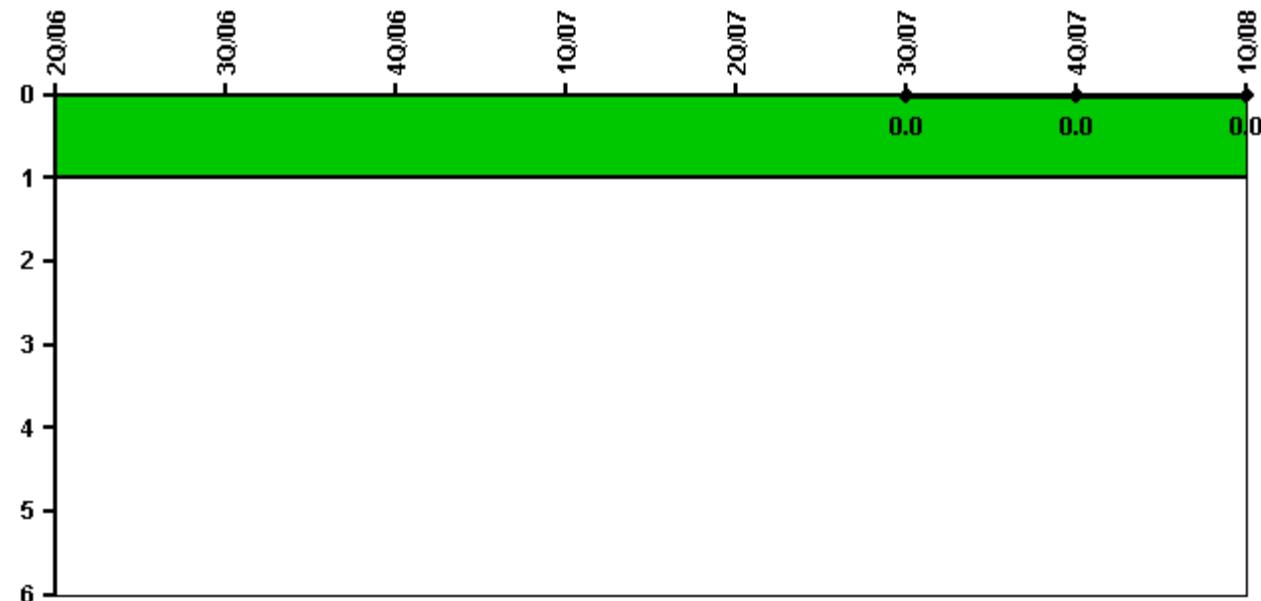
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2208.0	2209.0	1638.9	824.9	2208.0	2209.0	2183.0
Indicator value	0.9	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



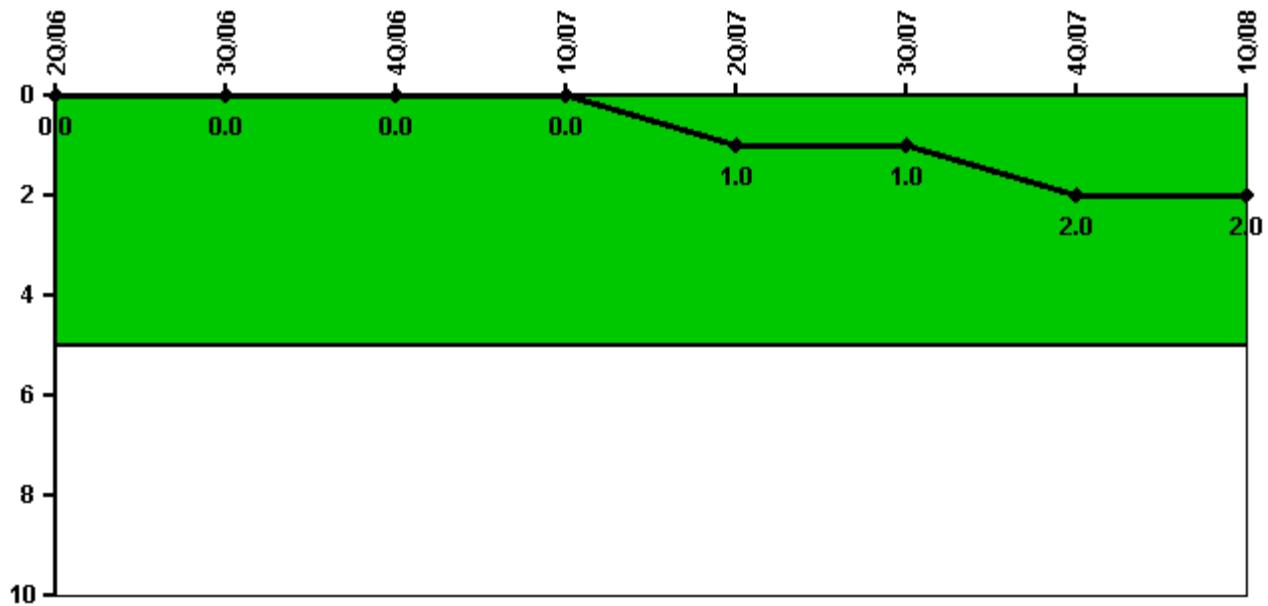
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Scrams with complications			0	0	0	0	0	0
Indicator value						0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



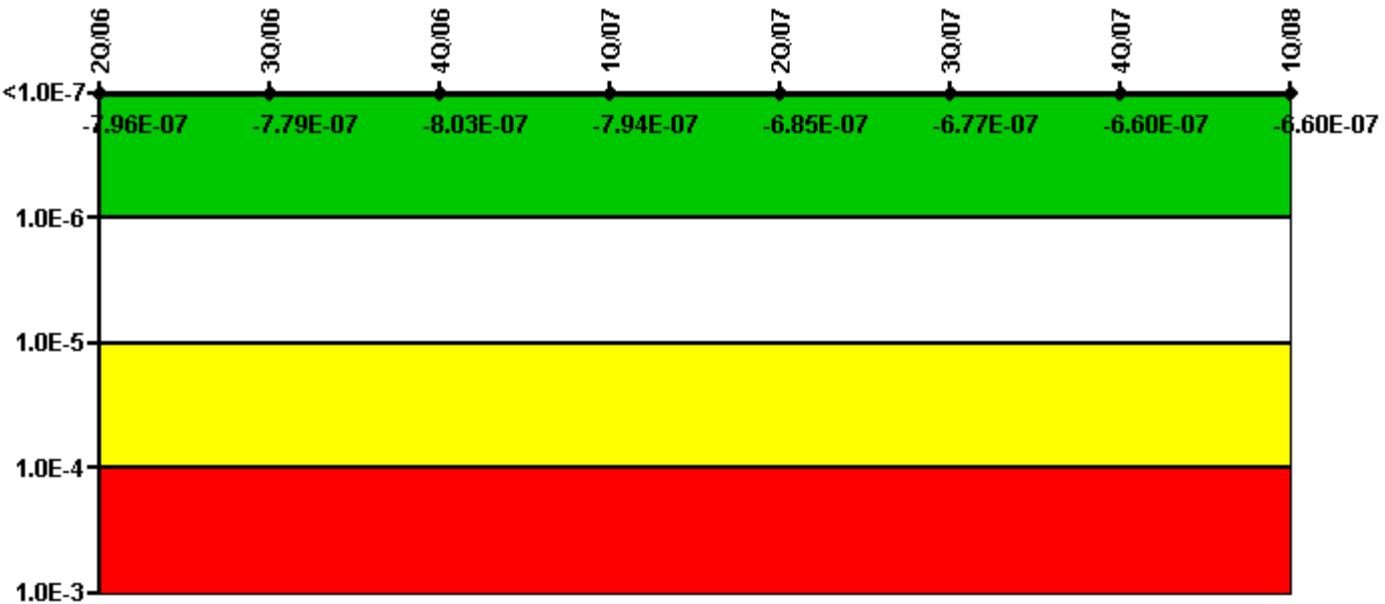
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Safety System Functional Failures	0	0	0	0	1	0	1	0
Indicator value	0	0	0	0	1	1	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



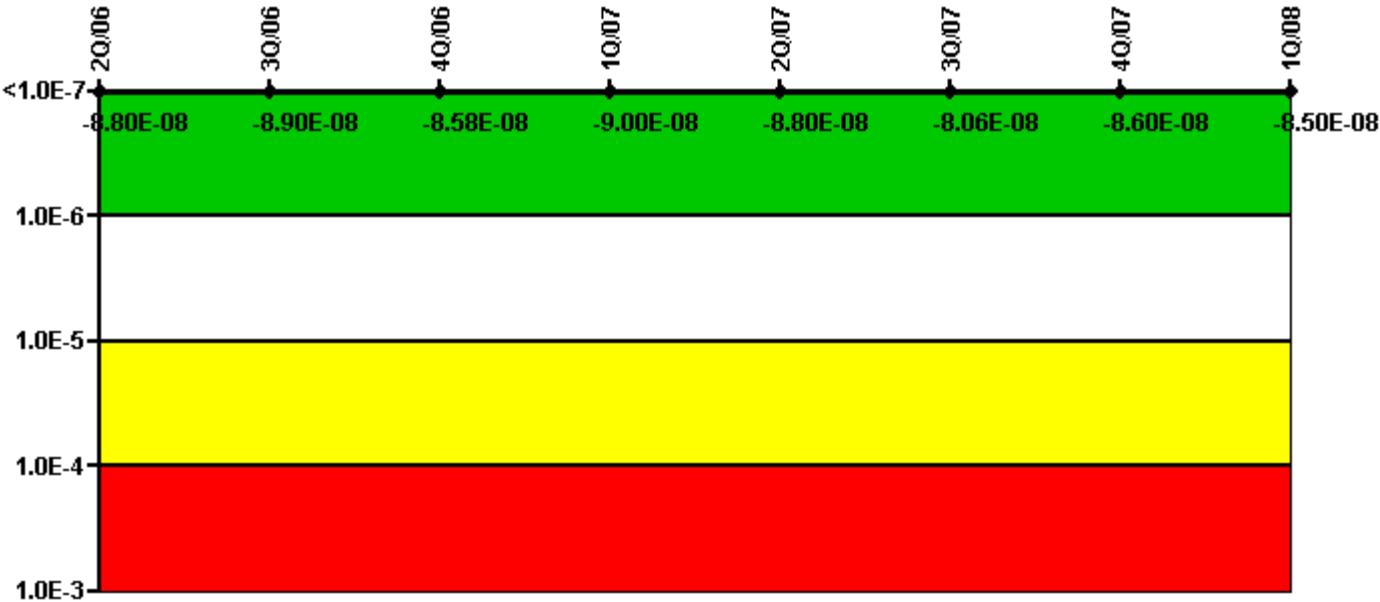
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-2.60E-08	-8.50E-09	-3.30E-08	-2.40E-08	8.50E-08	9.30E-08	1.10E-07	1.10E-07
URI (Δ CDF)	-7.70E-07							
PLE	NO							
Indicator value	-7.96E-07	-7.79E-07	-8.03E-07	-7.94E-07	-6.85E-07	-6.77E-07	-6.60E-07	-6.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



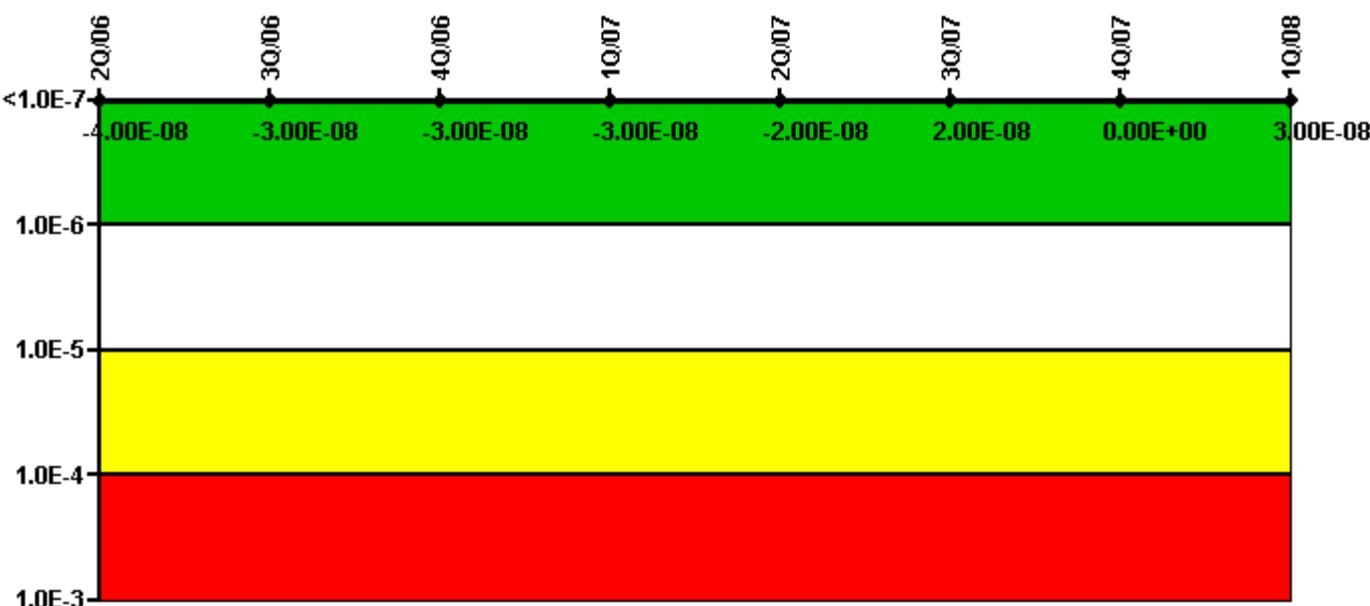
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-1.20E-08	-1.30E-08	-9.80E-09	-1.40E-08	-1.20E-08	-4.60E-09	-1.00E-08	-1.00E-08
URI (Δ CDF)	-7.60E-08	-7.50E-08						
PLE	NO							
Indicator value	-8.80E-08	-8.90E-08	-8.58E-08	-9.00E-08	-8.80E-08	-8.06E-08	-8.60E-08	-8.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



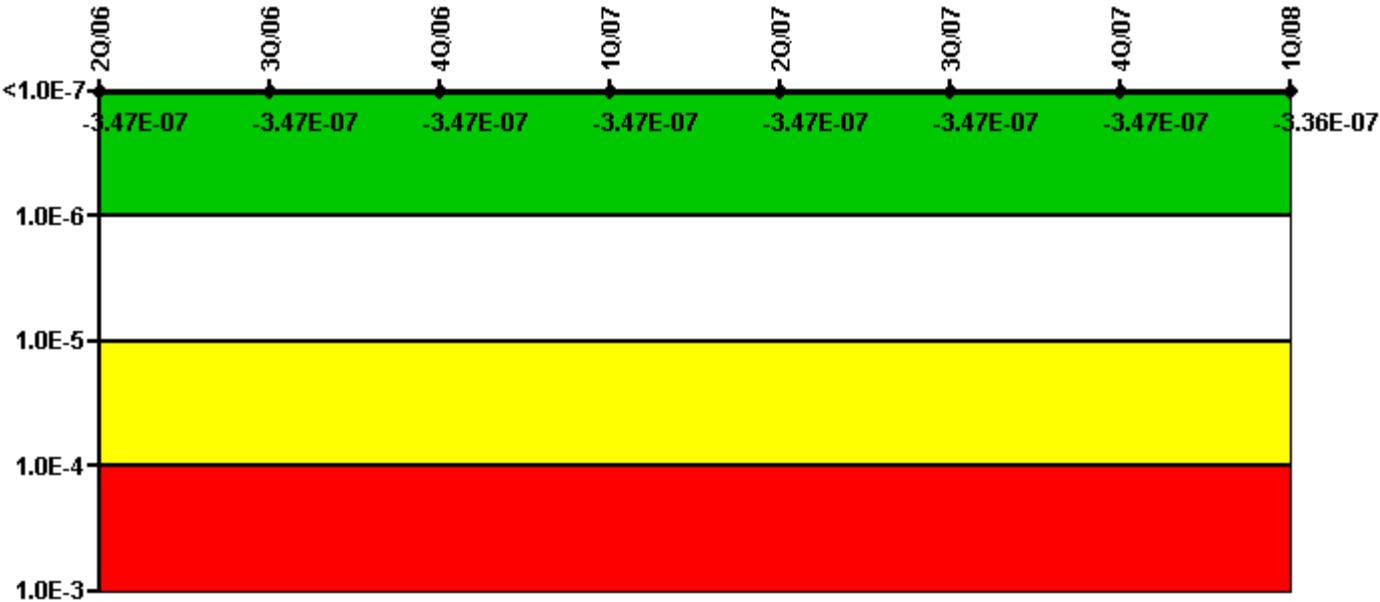
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	1.20E-07	1.30E-07	1.30E-07	1.30E-07	1.40E-07	1.80E-07	1.60E-07	1.90E-07
URI (Δ CDF)	-1.60E-07							
PLE	NO							
Indicator value	-4.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-2.00E-08	2.00E-08	0.00E+00	3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



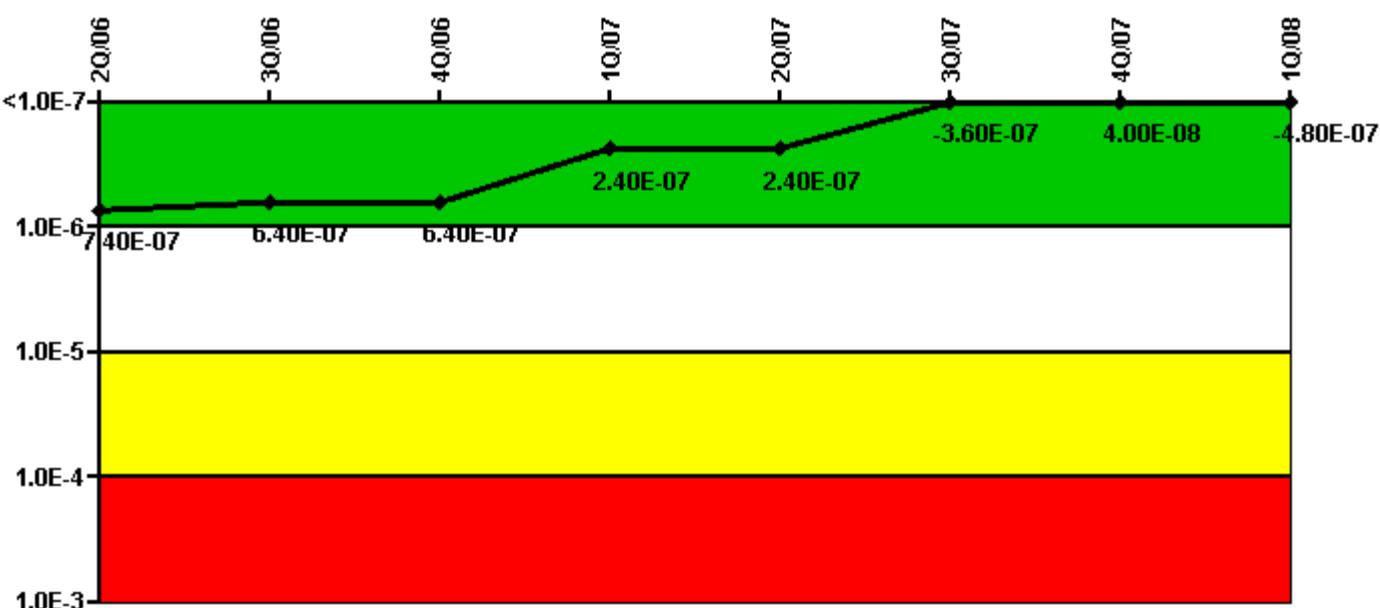
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	-7.70E-08	-7.60E-08						
URI (Δ CDF)	-2.70E-07	-2.60E-07						
PLE	NO							
Indicator value	-3.47E-07	-3.36E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



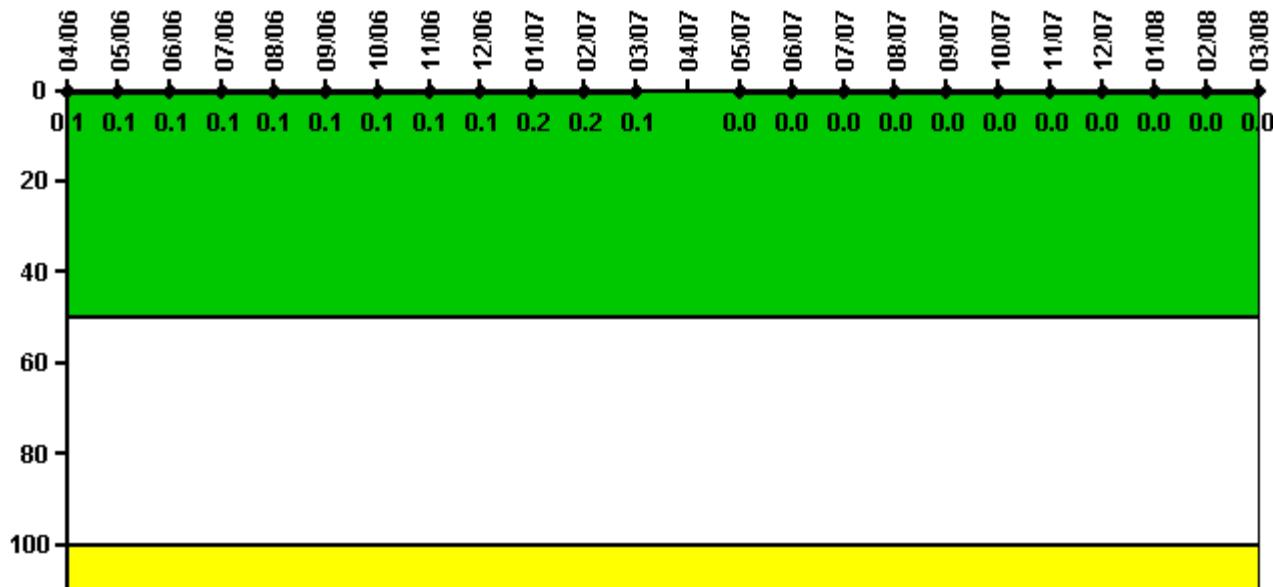
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
UAI (Δ CDF)	1.70E-06	1.60E-06	1.60E-06	1.20E-06	1.20E-06	6.00E-07	1.00E-06	4.70E-07
URI (Δ CDF)	-9.60E-07	-9.50E-07						
PLE	NO							
Indicator value	7.40E-07	6.40E-07	6.40E-07	2.40E-07	2.40E-07	-3.60E-07	4.00E-08	-4.80E-07

Licensee Comments: none

Reactor Coolant System Activity



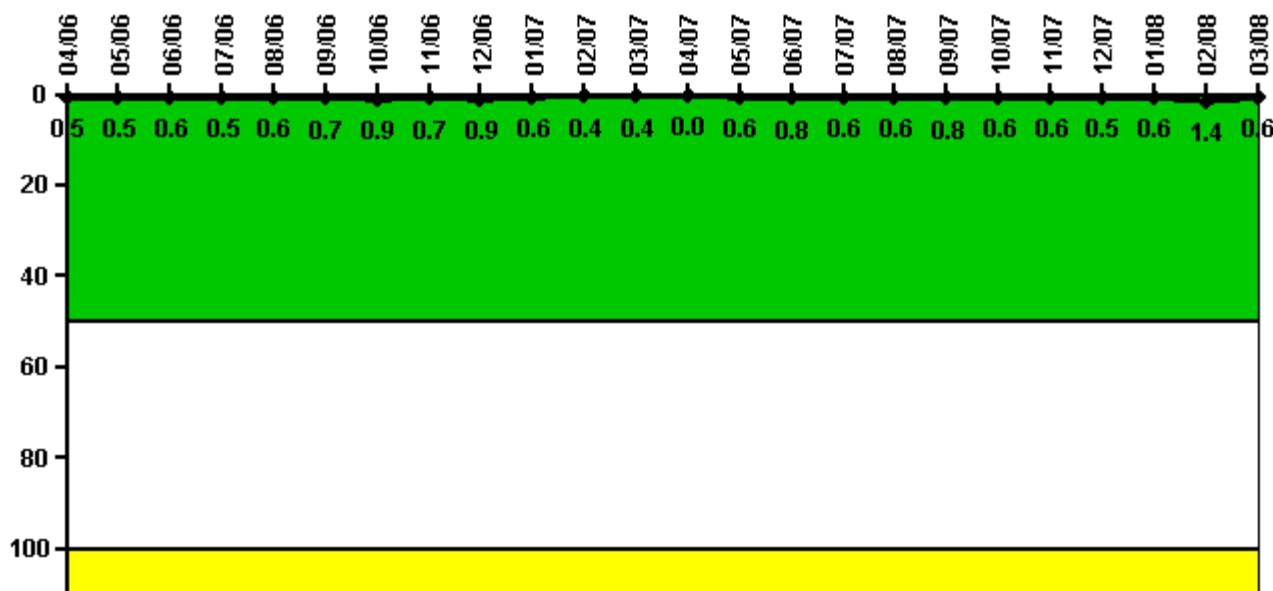
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum activity	0.000918	0.000780	0.000916	0.000837	0.000857	0.000759	0.000826	0.000832	0.000955	0.001831	0.002400	0.000696
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1
Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	N/A	0.000106	0.000370	0.000331	0.000371	0.000430	0.000419	0.000442	0.000453	0.000475	0.000496	0.000484
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



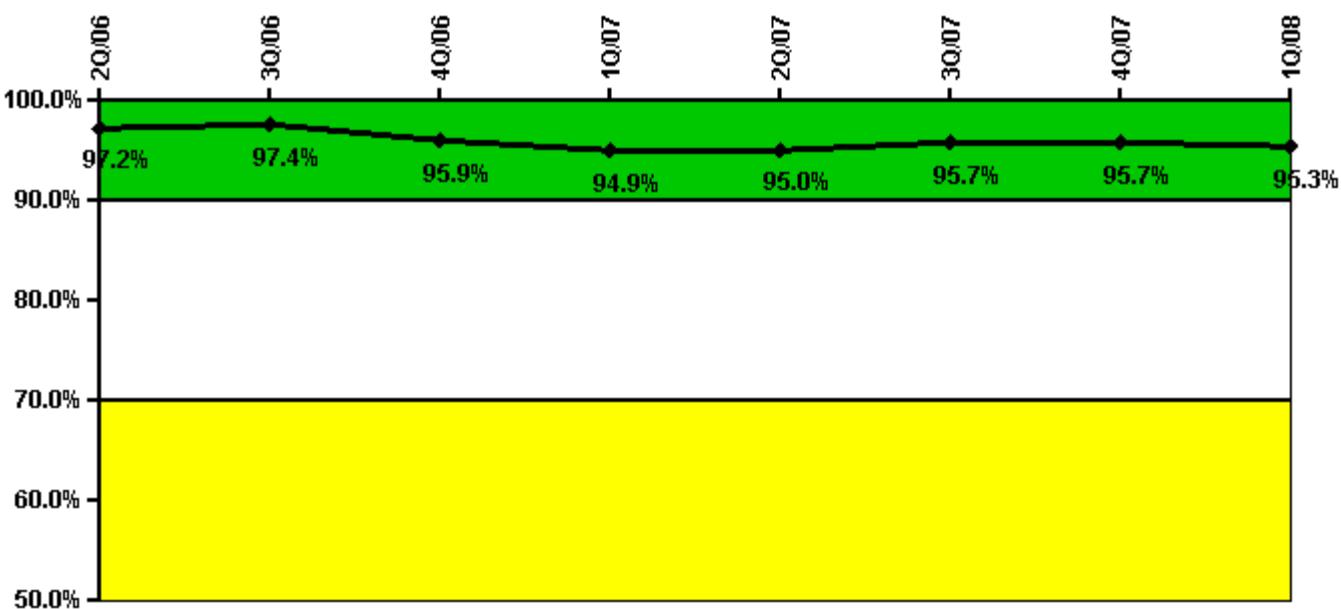
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/06	5/06	6/06	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07
Maximum leakage	0.048	0.051	0.062	0.052	0.059	0.068	0.089	0.068	0.092	0.058	0.043	0.044
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.5	0.6	0.5	0.6	0.7	0.9	0.7	0.9	0.6	0.4	0.4
Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0	0.061	0.076	0.063	0.059	0.078	0.058	0.057	0.053	0.062	0.144	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.6	0.8	0.6	0.6	0.8	0.6	0.6	0.5	0.6	1.4	0.6

Licensee Comments: none

Drill/Exercise Performance



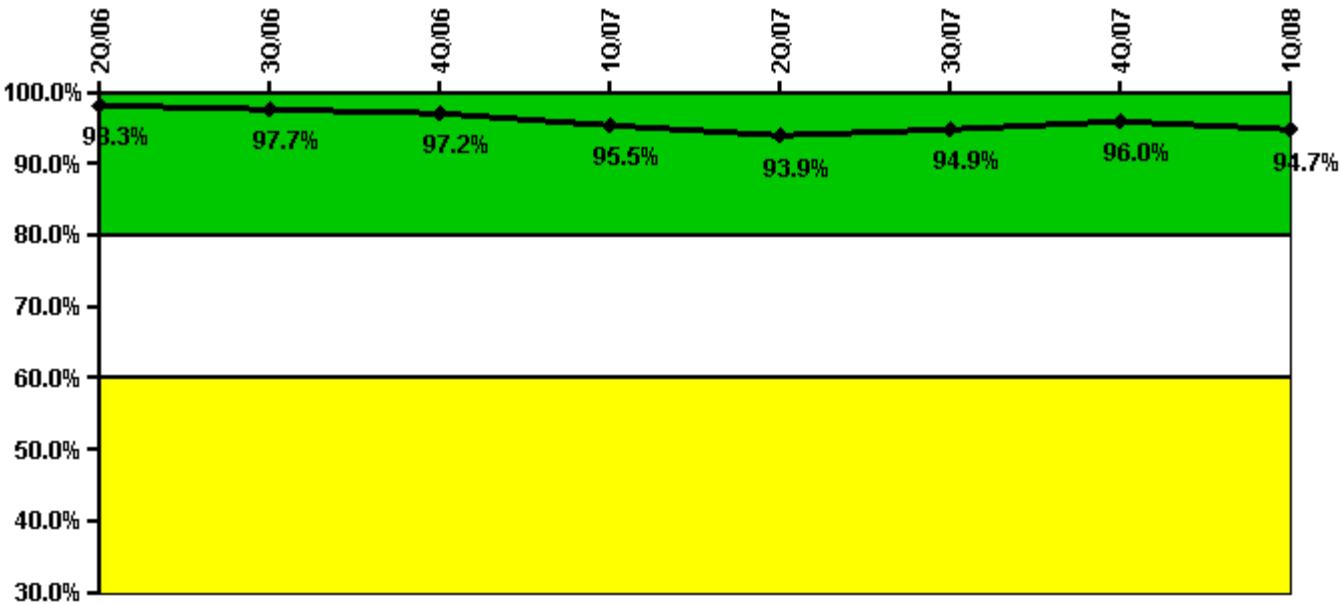
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful opportunities	0	8.0	50.0	20.0	14.0	21.0	63.0	6.0
Total opportunities	0	8.0	54.0	22.0	14.0	21.0	65.0	7.0
Indicator value	97.2%	97.4%	95.9%	94.9%	95.0%	95.7%	95.7%	95.3%

Licensee Comments: none

ERO Drill Participation



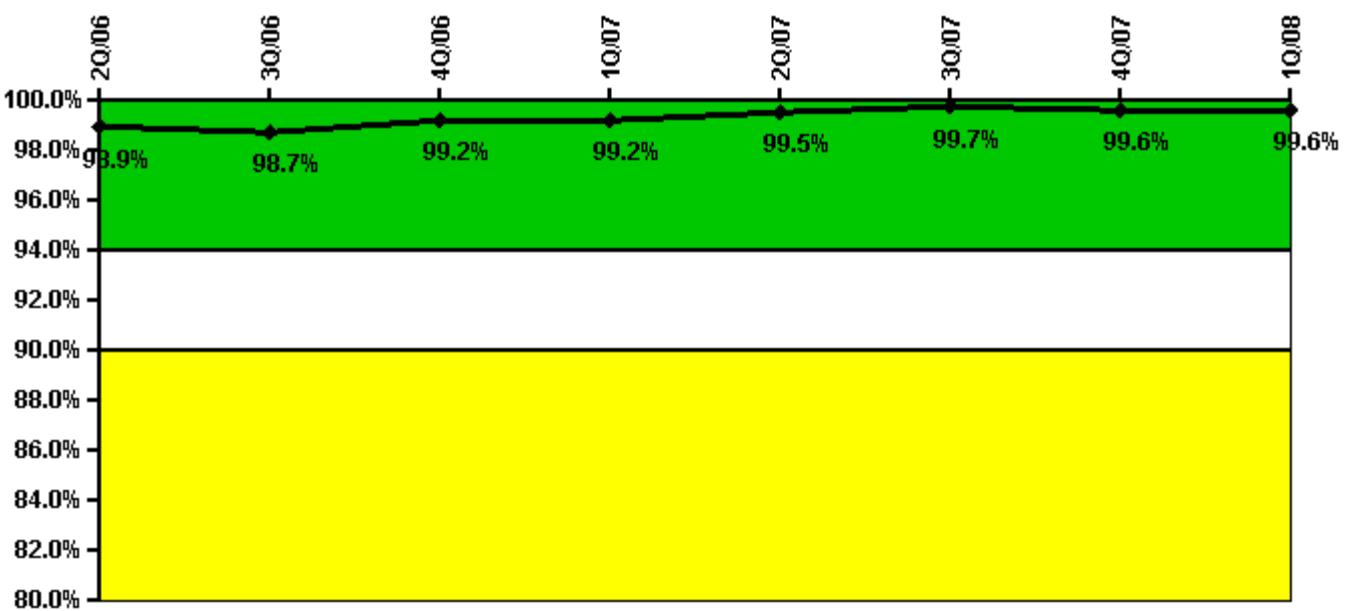
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Participating Key personnel	173.0	173.0	173.0	169.0	168.0	166.0	169.0	161.0
Total Key personnel	176.0	177.0	178.0	177.0	179.0	175.0	176.0	170.0
Indicator value	98.3%	97.7%	97.2%	95.5%	93.9%	94.9%	96.0%	94.7%

Licensee Comments: none

Alert & Notification System



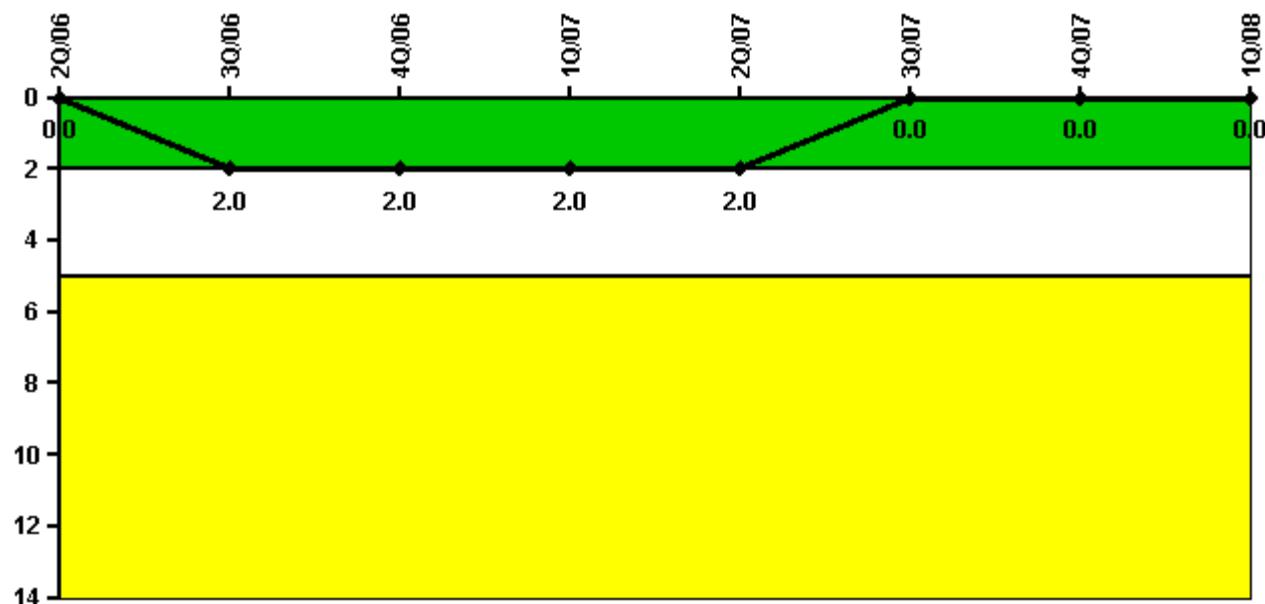
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
Successful siren-tests	1787	1790	1801	1803	1808	1801	1795	1805
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	98.9%	98.7%	99.2%	99.2%	99.5%	99.7%	99.6%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



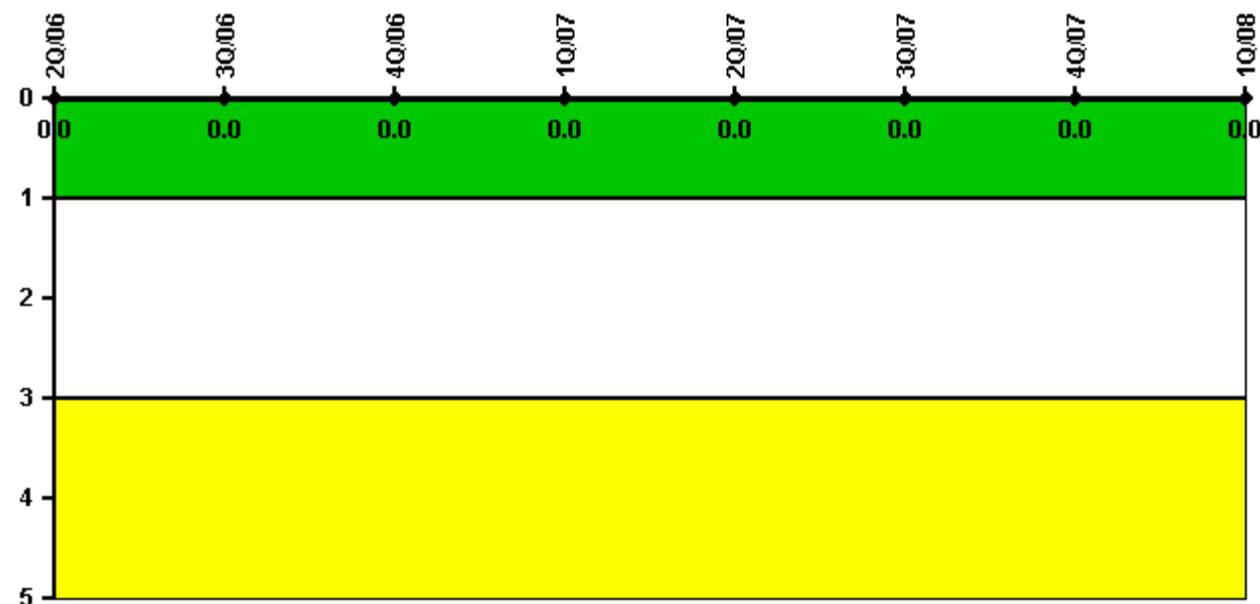
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
High radiation area occurrences	0	2	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	2	2	2	2	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 30, 2008

2Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



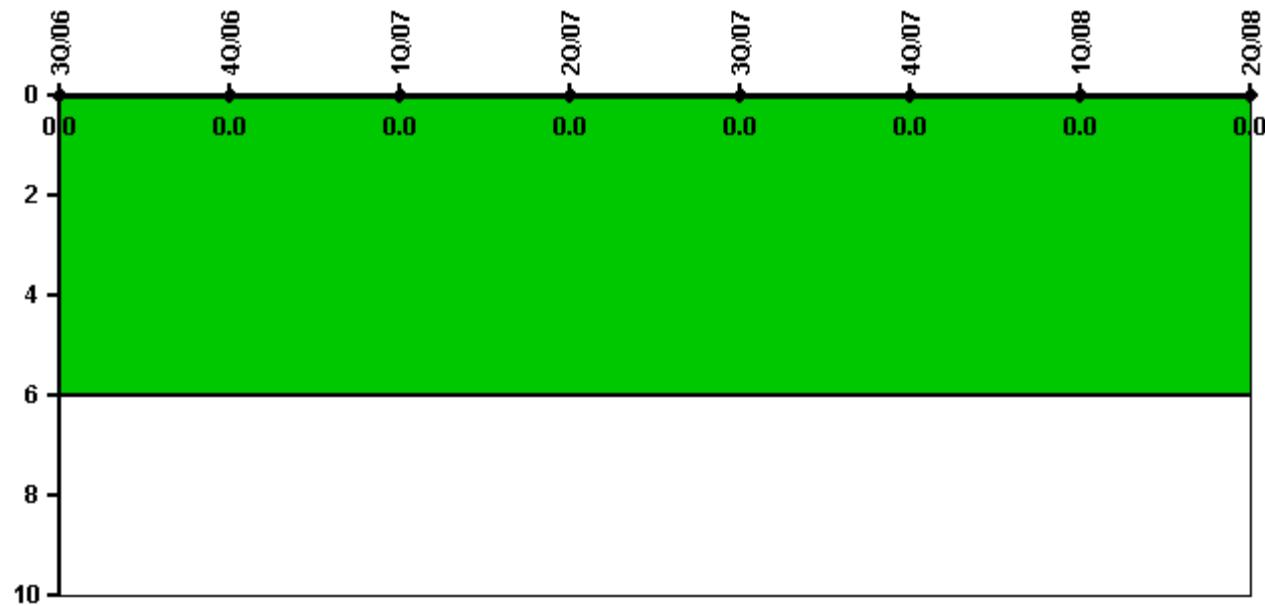
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2208.0	2209.0	1638.9	824.9	2208.0	2209.0	2183.0	2111.0
Indicator value	0.8	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



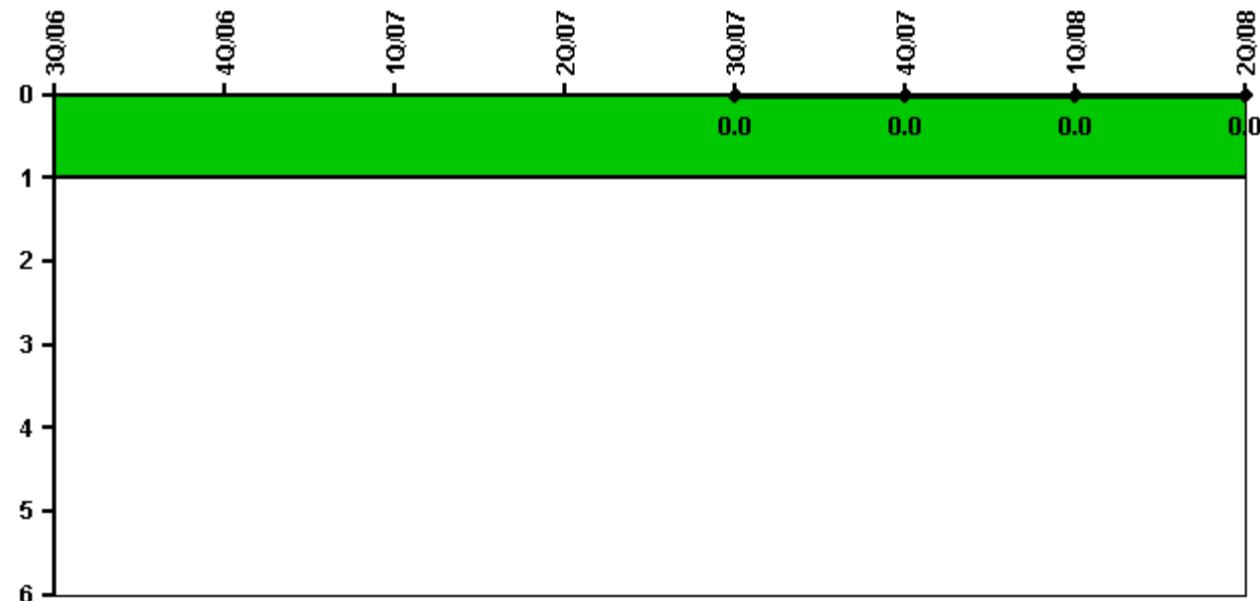
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1638.9	824.9	2208.0	2209.0	2183.0	2111.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



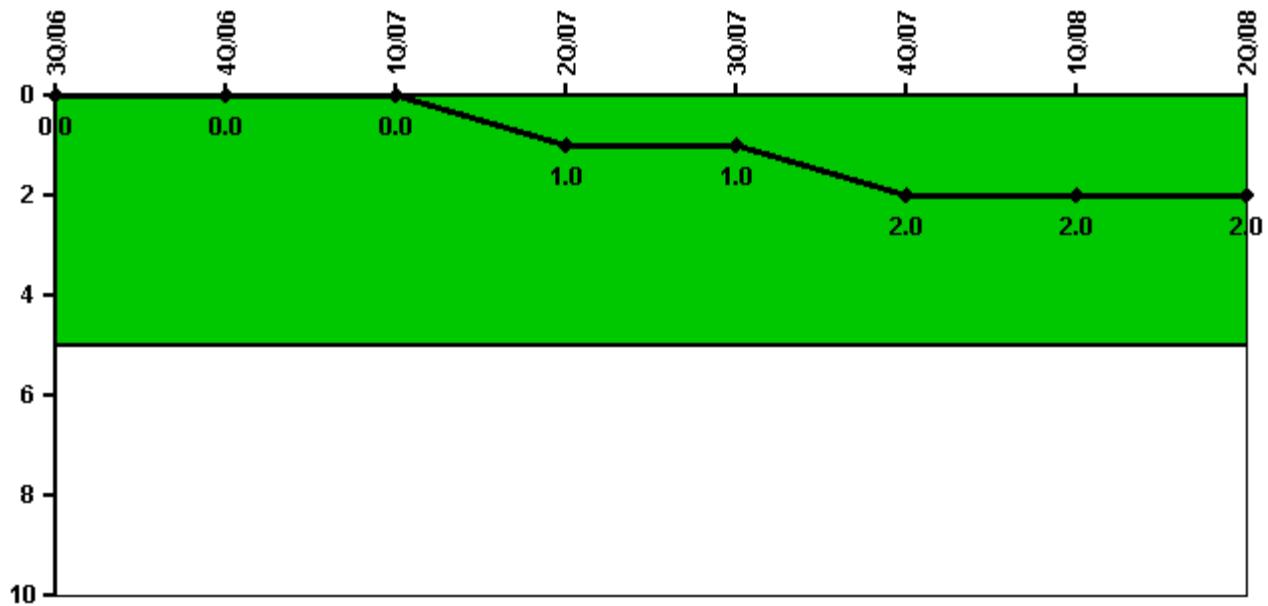
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Scrams with complications		0	0	0	0	0	0	0
Indicator value					0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



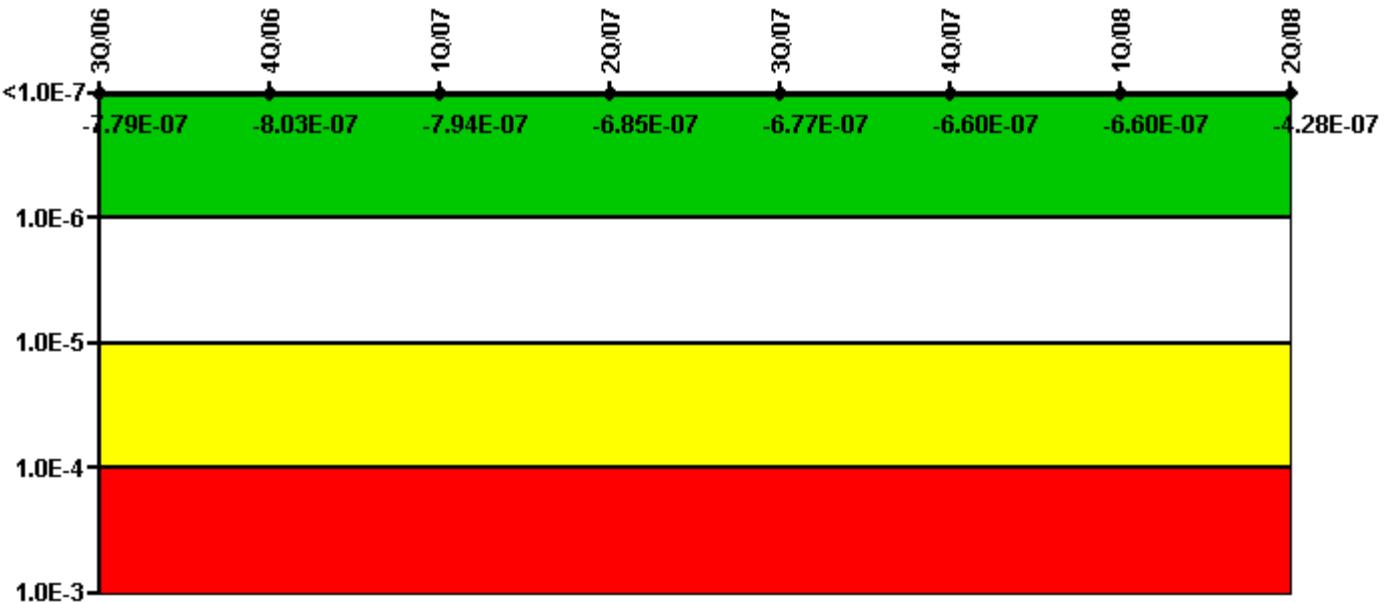
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Safety System Functional Failures	0	0	0	1	0	1	0	1
Indicator value	0	0	0	1	1	2	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



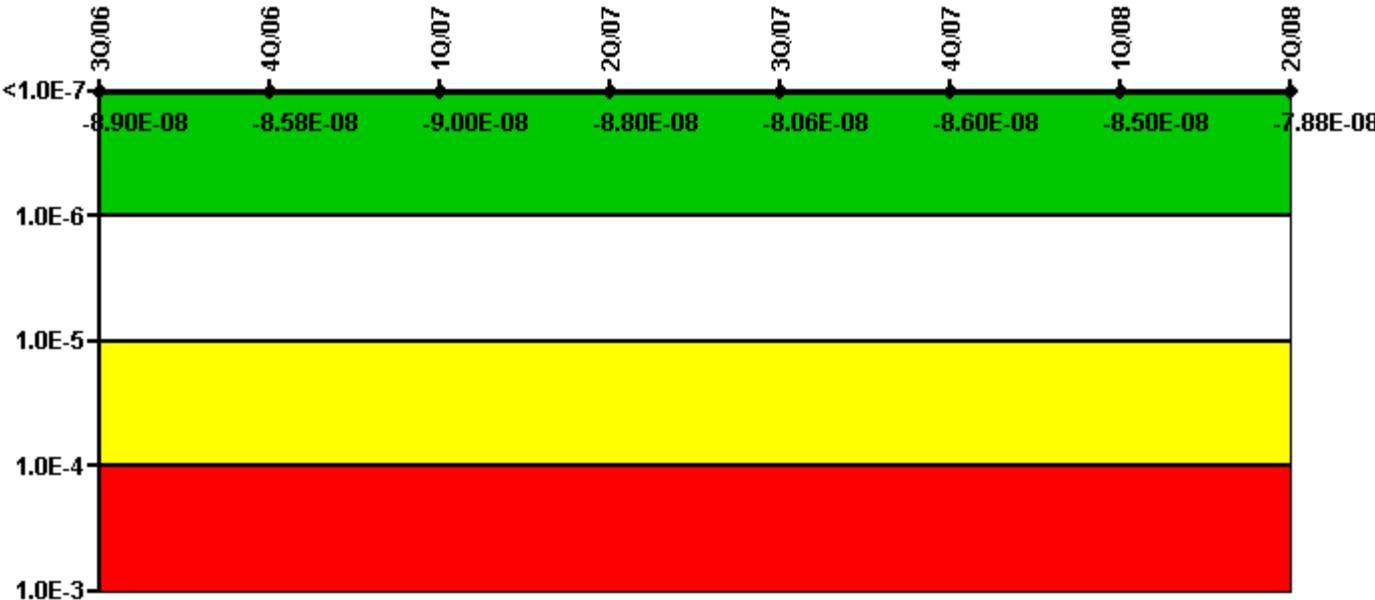
Thresholds: White > $1.00\text{E-}6$ Yellow > $1.00\text{E-}5$ Red > $1.00\text{E-}4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-8.50E-09	-3.30E-08	-2.40E-08	8.50E-08	9.30E-08	1.10E-07	1.10E-07	7.20E-08
URI (Δ CDF)	-7.70E-07	-5.00E-07						
PLE	NO							
Indicator value	-7.79E-07	-8.03E-07	-7.94E-07	-6.85E-07	-6.77E-07	-6.60E-07	-6.60E-07	-4.28E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



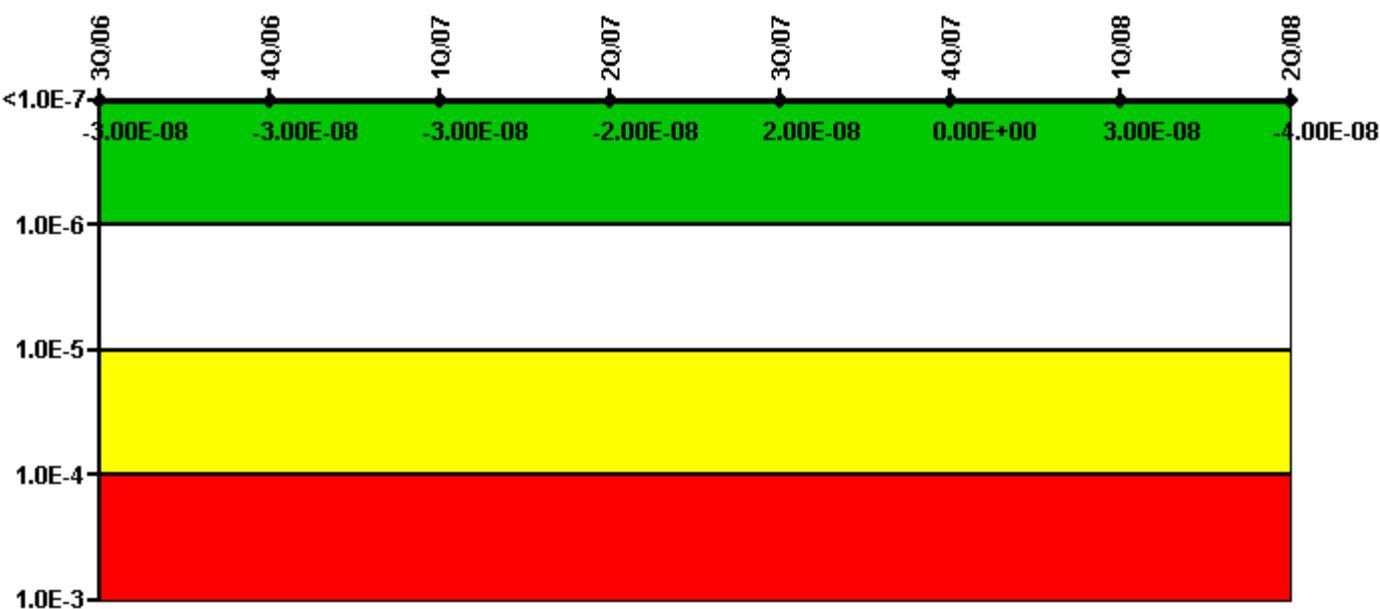
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-1.30E-08	-9.80E-09	-1.40E-08	-1.20E-08	-4.60E-09	-1.00E-08	-1.00E-08	-3.80E-09
URI (Δ CDF)	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.50E-08	-7.50E-08
PLE	NO							
Indicator value	-8.90E-08	-8.58E-08	-9.00E-08	-8.80E-08	-8.06E-08	-8.60E-08	-8.50E-08	-7.88E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



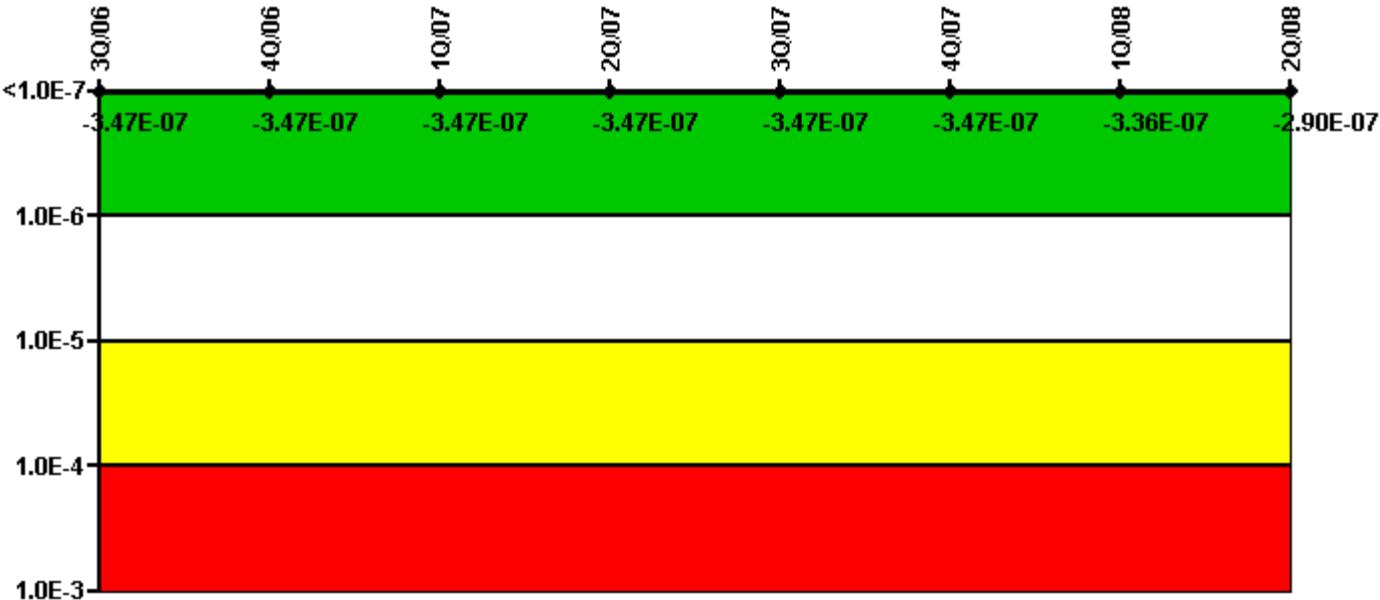
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	1.30E-07	1.30E-07	1.30E-07	1.40E-07	1.80E-07	1.60E-07	1.90E-07	1.30E-07
URI (Δ CDF)	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-3.00E-08	-3.00E-08	-2.00E-08	2.00E-08	0.00E+00	3.00E-08	-4.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



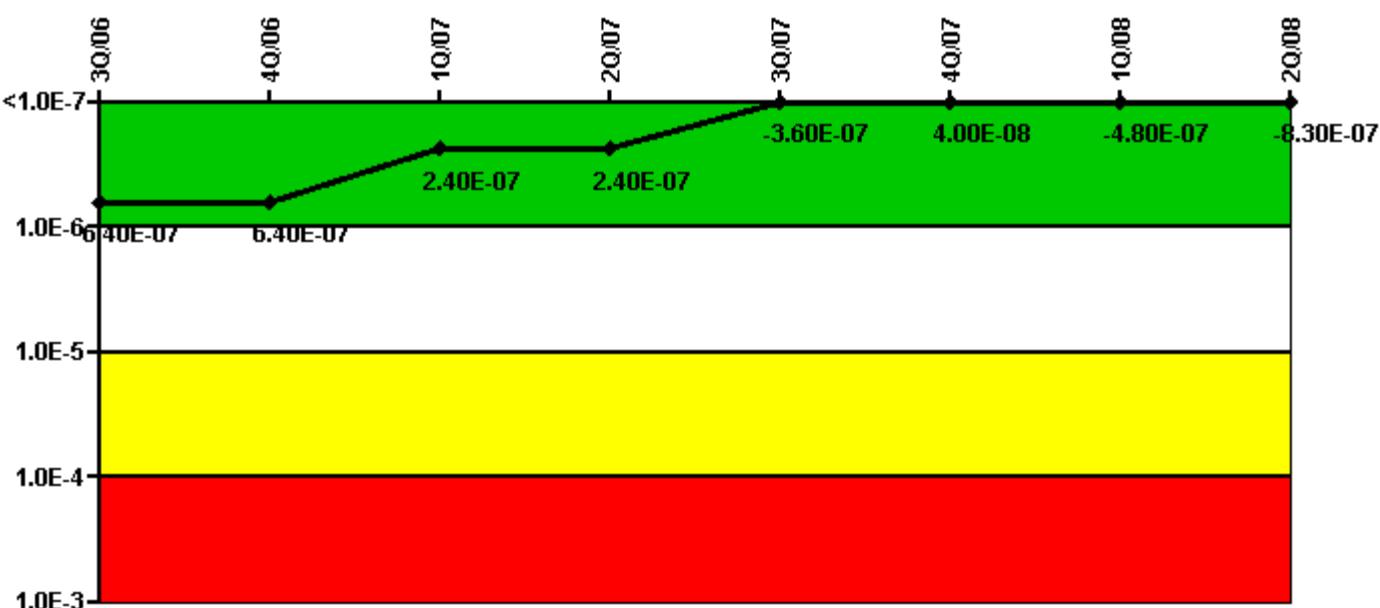
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.60E-08	-3.00E-08
URI (Δ CDF)	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.60E-07	-2.60E-07
PLE	NO							
Indicator value	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.36E-07	-2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



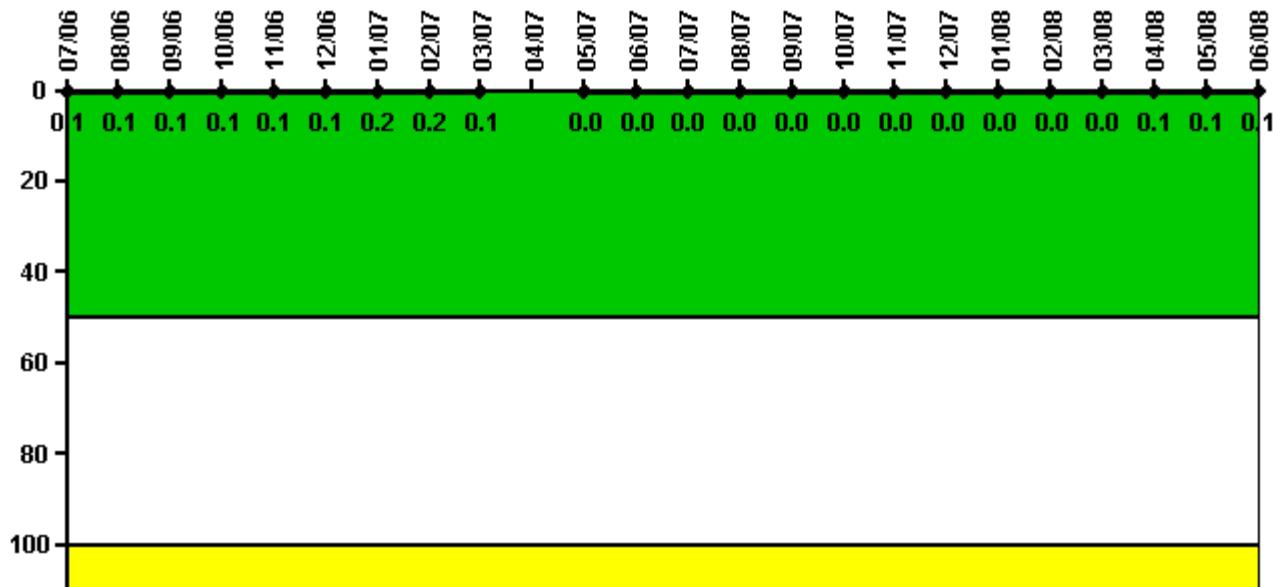
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
UAI (Δ CDF)	1.60E-06	1.60E-06	1.20E-06	1.20E-06	6.00E-07	1.00E-06	4.70E-07	1.20E-07
URI (Δ CDF)	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.50E-07	-9.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.40E-07	6.40E-07	2.40E-07	2.40E-07	-3.60E-07	4.00E-08	-4.80E-07	-8.30E-07

Licensee Comments: none

Reactor Coolant System Activity



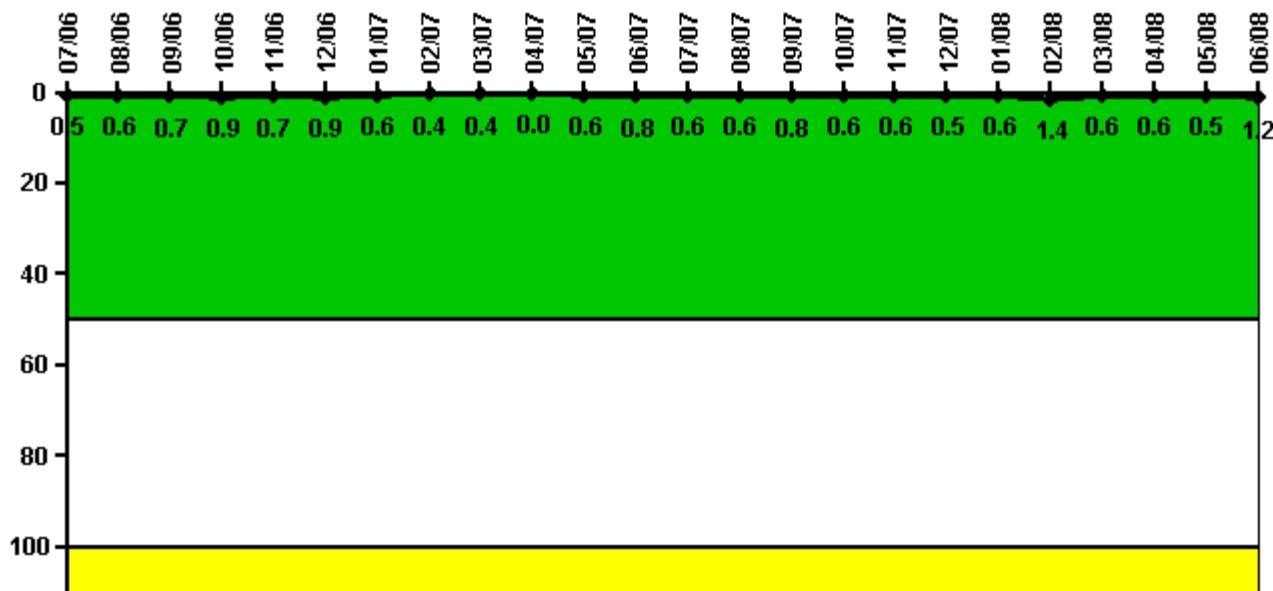
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum activity	0.000837	0.000857	0.000759	0.000826	0.000832	0.000955	0.001831	0.002400	0.000696	N/A	0.000106	0.000370
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.2	0.2	0.1	N/A	0	0
Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000331	0.000371	0.000430	0.000419	0.000442	0.000453	0.000475	0.000496	0.000484	0.000502	0.000566	0.001298
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



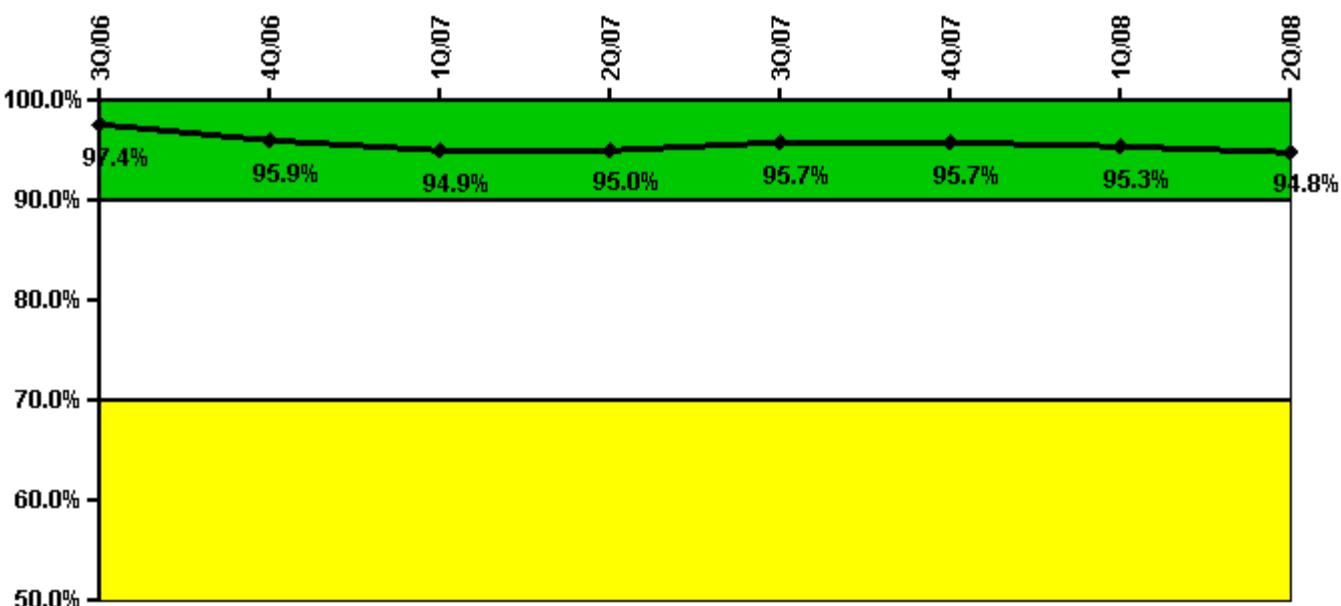
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/06	8/06	9/06	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07
Maximum leakage	0.052	0.059	0.068	0.089	0.068	0.092	0.058	0.043	0.044	0	0.061	0.076
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.7	0.9	0.7	0.9	0.6	0.4	0.4	0	0.6	0.8
Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.063	0.059	0.078	0.058	0.057	0.053	0.062	0.144	0.055	0.061	0.051	0.123
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.8	0.6	0.6	0.5	0.6	1.4	0.6	0.6	0.5	1.2

Licensee Comments: none

Drill/Exercise Performance



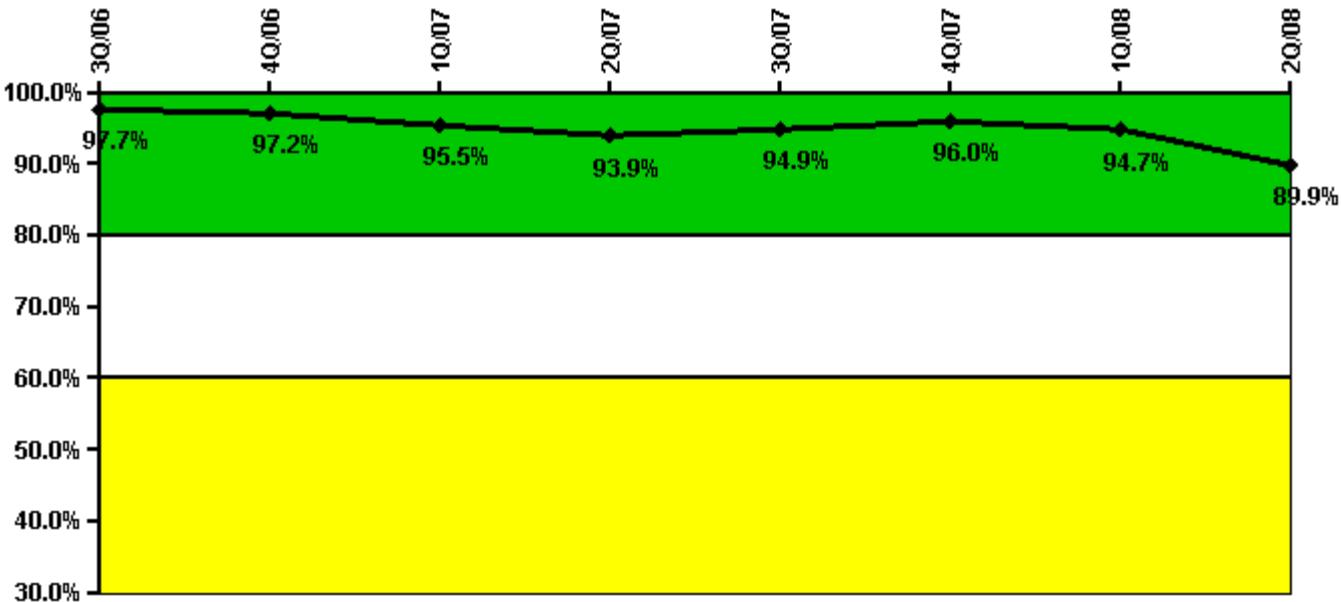
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful opportunities	8.0	50.0	20.0	14.0	21.0	63.0	6.0	17.0
Total opportunities	8.0	54.0	22.0	14.0	21.0	65.0	7.0	19.0
Indicator value	97.4%	95.9%	94.9%	95.0%	95.7%	95.7%	95.3%	94.8%

Licensee Comments: none

ERO Drill Participation



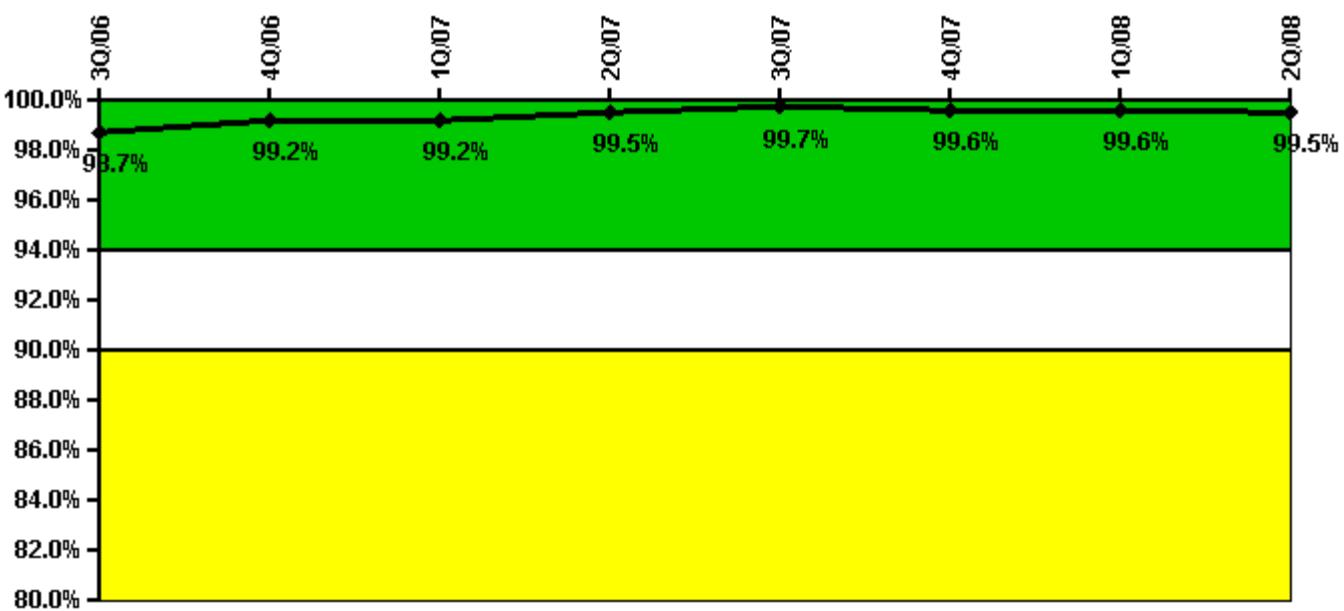
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Participating Key personnel	173.0	173.0	169.0	168.0	166.0	169.0	161.0	160.0
Total Key personnel	177.0	178.0	177.0	179.0	175.0	176.0	170.0	178.0
Indicator value	97.7%	97.2%	95.5%	93.9%	94.9%	96.0%	94.7%	89.9%

Licensee Comments: none

Alert & Notification System



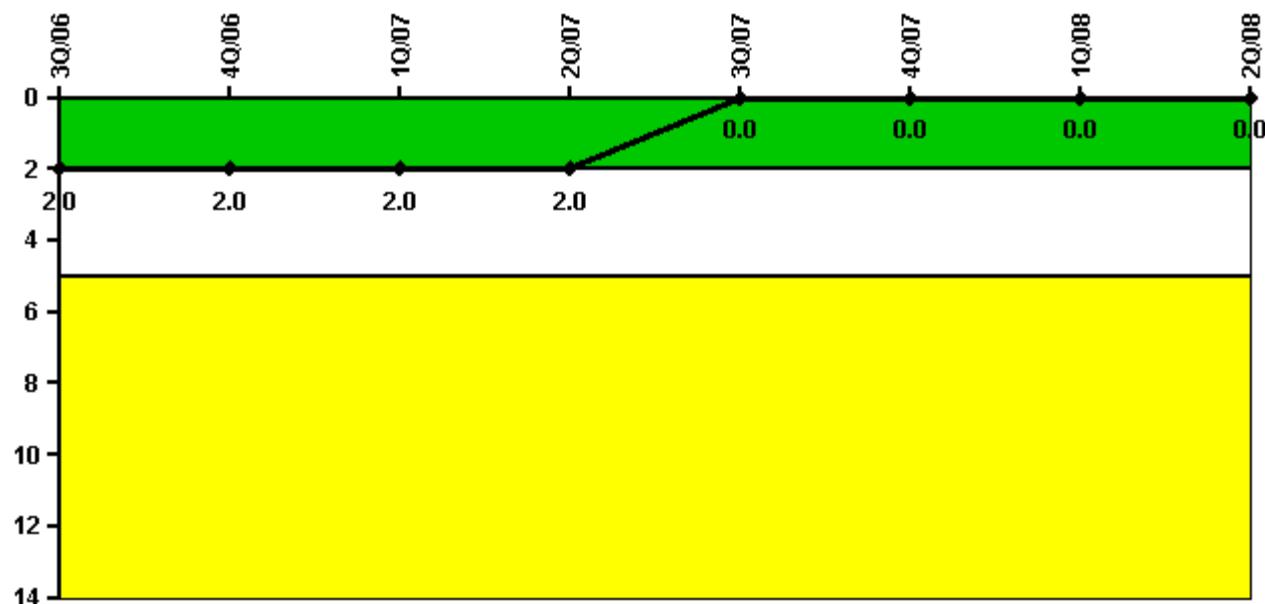
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
Successful siren-tests	1790	1801	1803	1808	1801	1795	1805	1798
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1809
Indicator value	98.7%	99.2%	99.2%	99.5%	99.7%	99.6%	99.6%	99.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



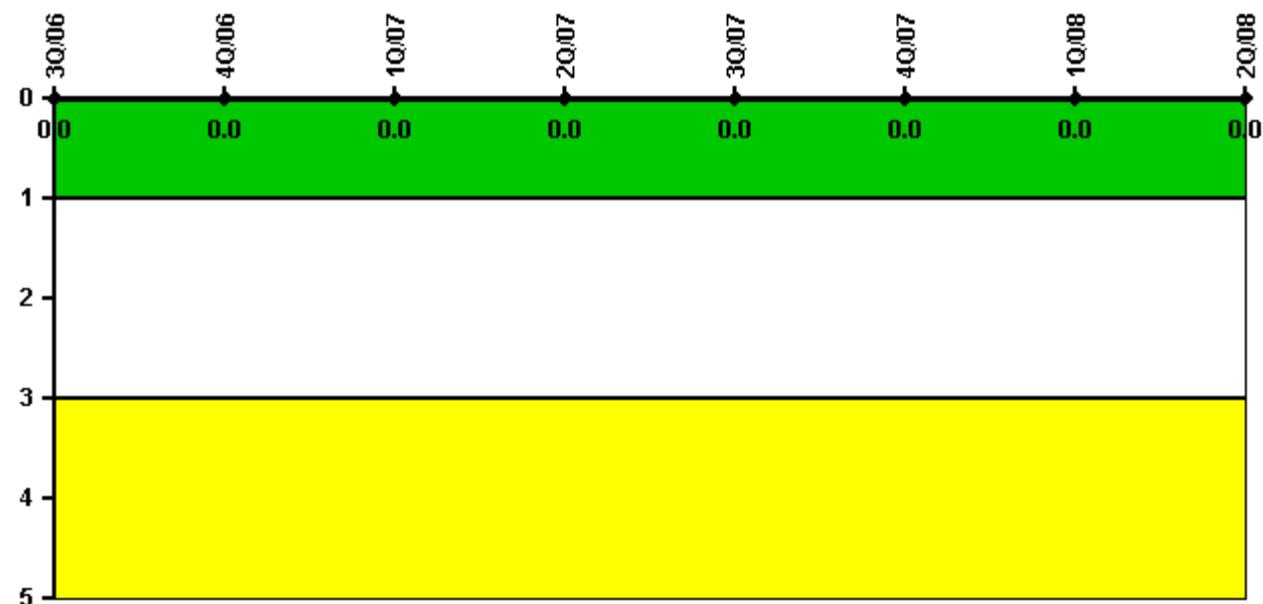
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
High radiation area occurrences	2	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	2	2	2	2	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Physical Protection](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 4, 2008

McGuire 1

3Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



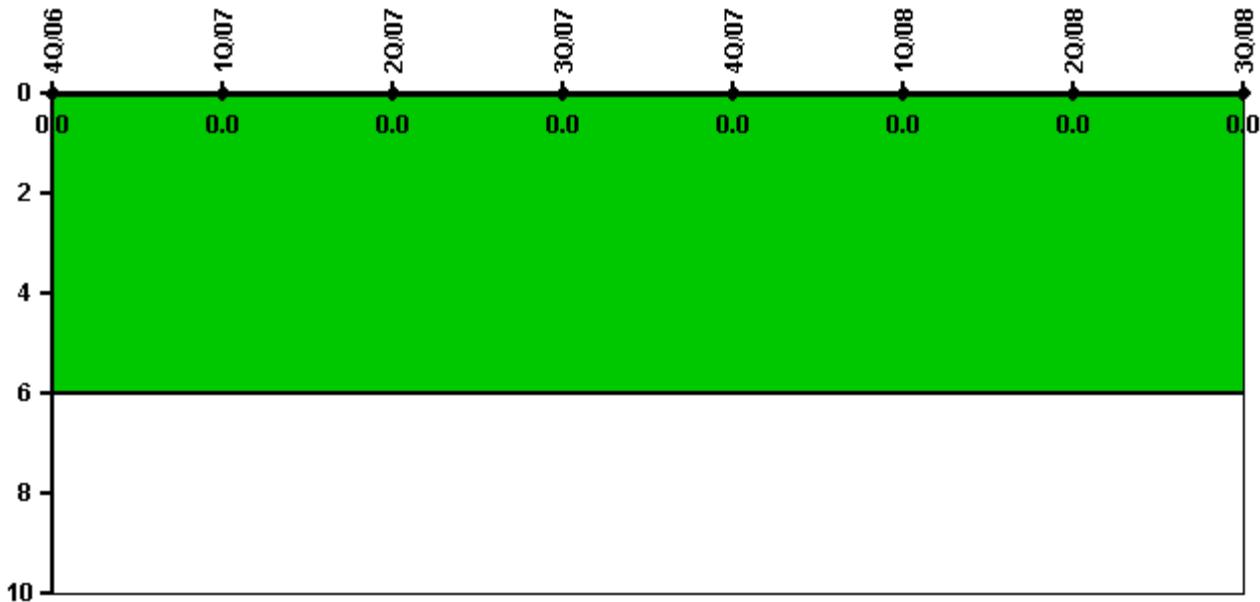
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	1638.9	824.9	2208.0	2209.0	2183.0	2111.0	1951.0
Indicator value	0	0	0	0	0	0	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



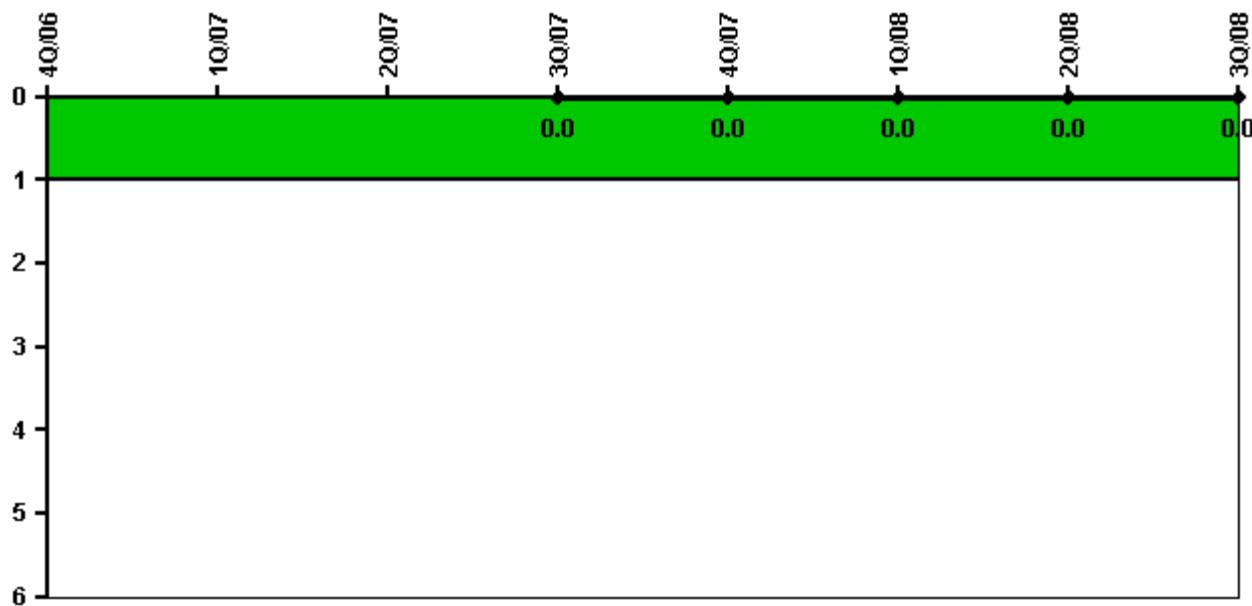
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	1638.9	824.9	2208.0	2209.0	2183.0	2111.0	1951.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



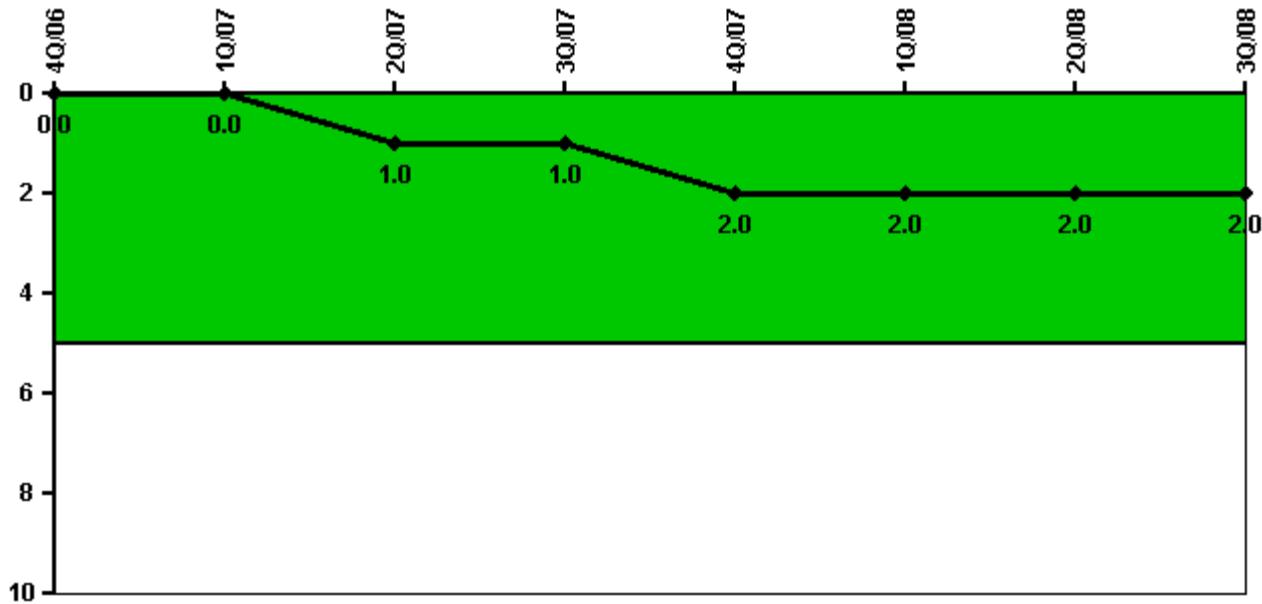
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value					0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



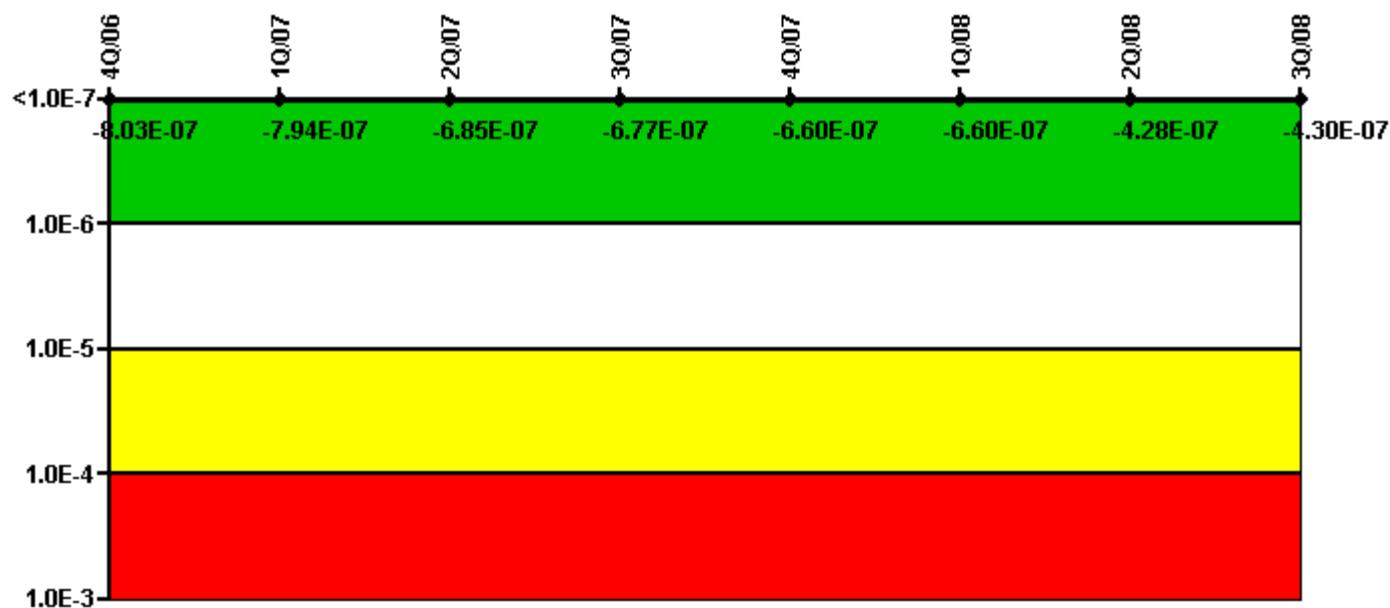
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Safety System Functional Failures	0	0	1	0	1	0	1	0
Indicator value	0	0	1	1	2	2	2	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



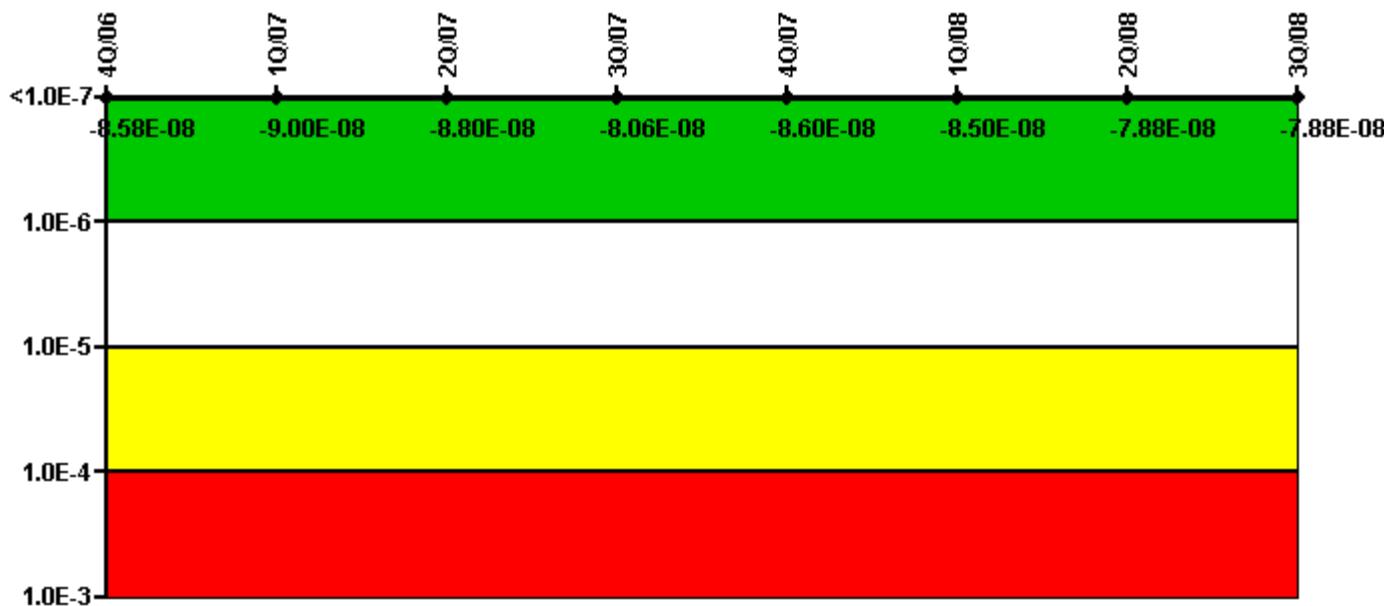
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-3.30E-08	-2.40E-08	8.50E-08	9.30E-08	1.10E-07	1.10E-07	7.20E-08	7.00E-08
URI (Δ CDF)	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-5.00E-07	-5.00E-07
PLE	NO							
Indicator value	-8.03E-07	-7.94E-07	-6.85E-07	-6.77E-07	-6.60E-07	-6.60E-07	-4.28E-07	-4.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



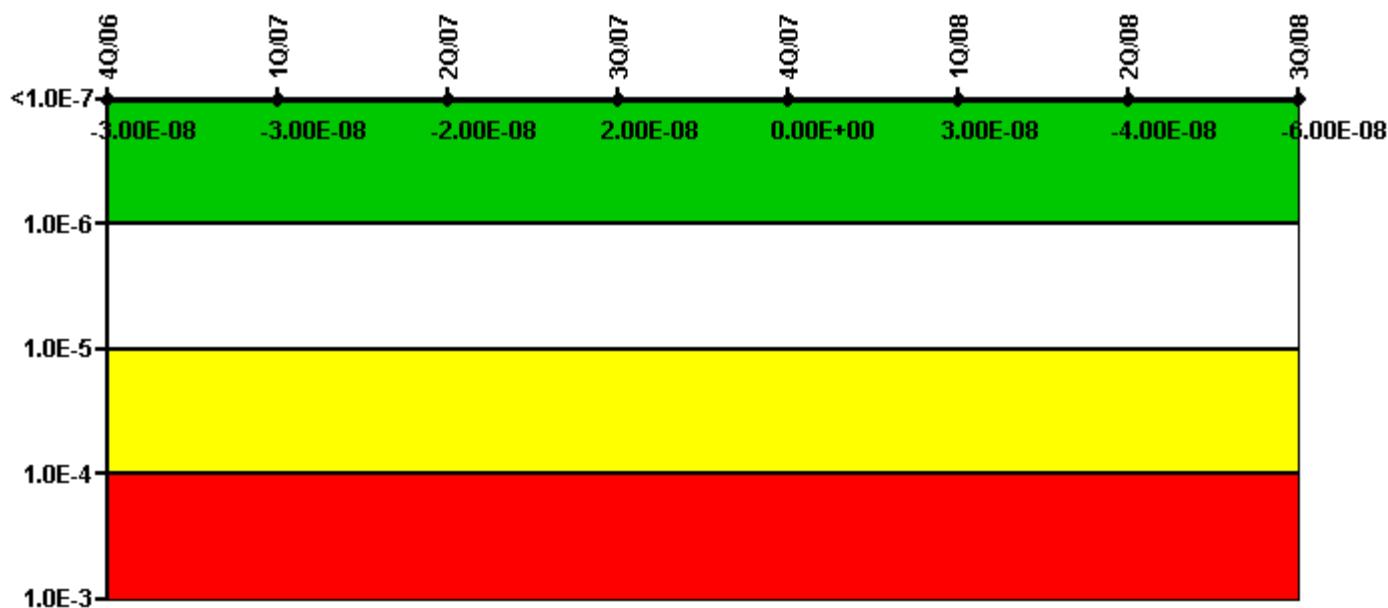
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-9.80E-09	-1.40E-08	-1.20E-08	-4.60E-09	-1.00E-08	-1.00E-08	-3.80E-09	-3.80E-09
URI (Δ CDF)	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.50E-08	-7.50E-08	-7.50E-08
PLE	NO							
Indicator value	-8.58E-08	-9.00E-08	-8.80E-08	-8.06E-08	-8.60E-08	-8.50E-08	-7.88E-08	-7.88E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



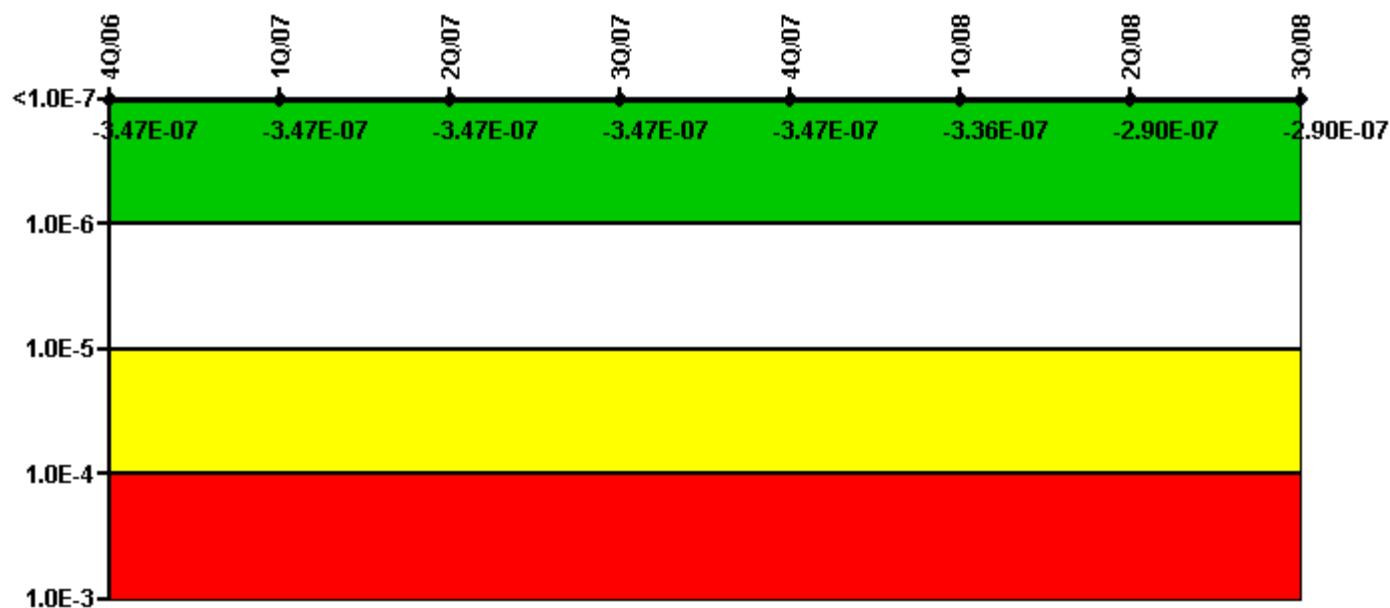
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	1.30E-07	1.30E-07	1.40E-07	1.80E-07	1.60E-07	1.90E-07	1.30E-07	1.10E-07
URI (Δ CDF)	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-3.00E-08	-2.00E-08	2.00E-08	0.00E+00	3.00E-08	-4.00E-08	-6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



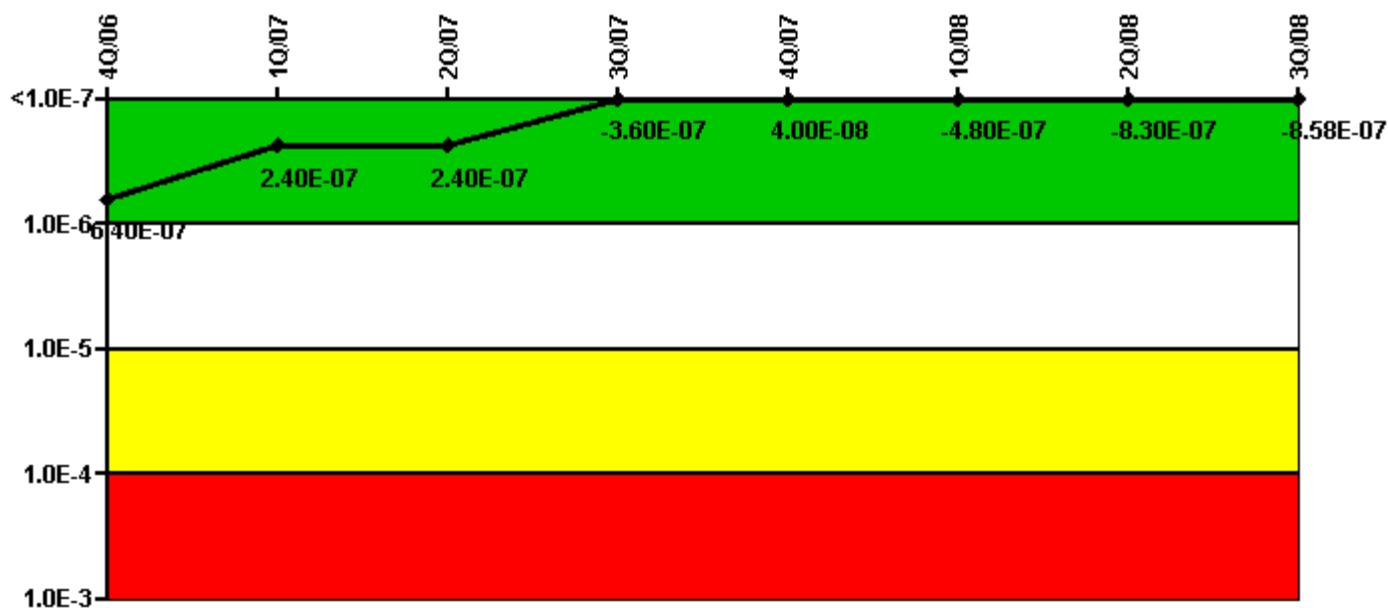
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.60E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.60E-07	-2.60E-07	-2.60E-07
PLE	NO							
Indicator value	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.36E-07	-2.90E-07	-2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



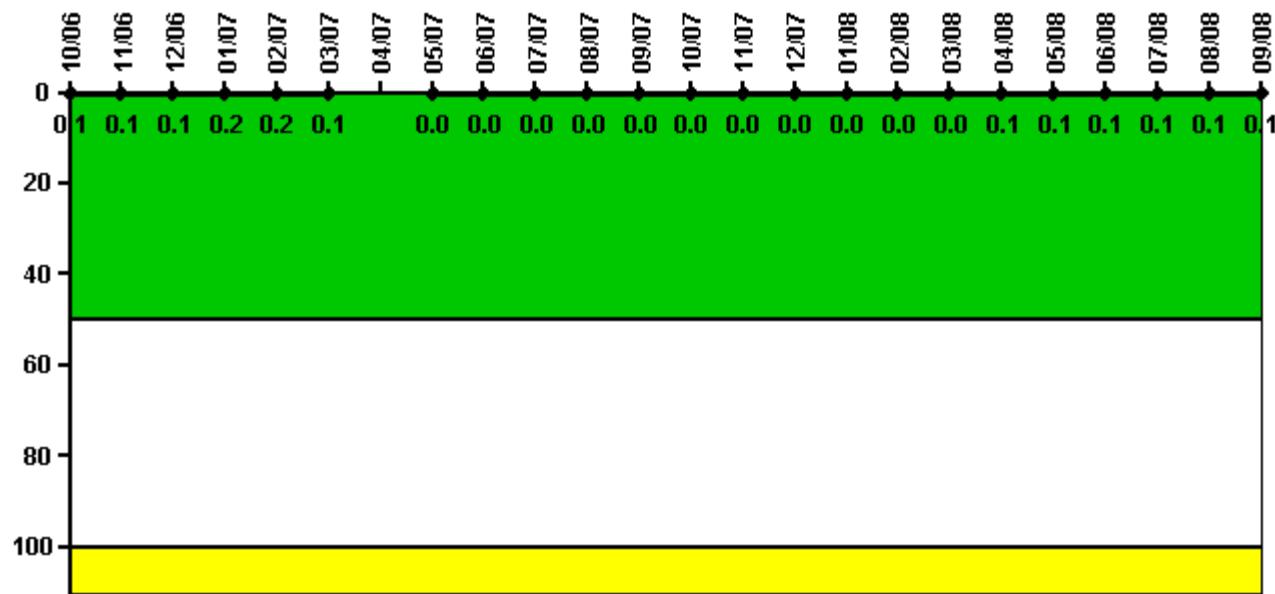
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
UAI (Δ CDF)	1.60E-06	1.20E-06	1.20E-06	6.00E-07	1.00E-06	4.70E-07	1.20E-07	9.20E-08
URI (Δ CDF)	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.50E-07	-9.50E-07	-9.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	6.40E-07	2.40E-07	2.40E-07	-3.60E-07	4.00E-08	-4.80E-07	-8.30E-07	-8.58E-07

Licensee Comments: none

Reactor Coolant System Activity



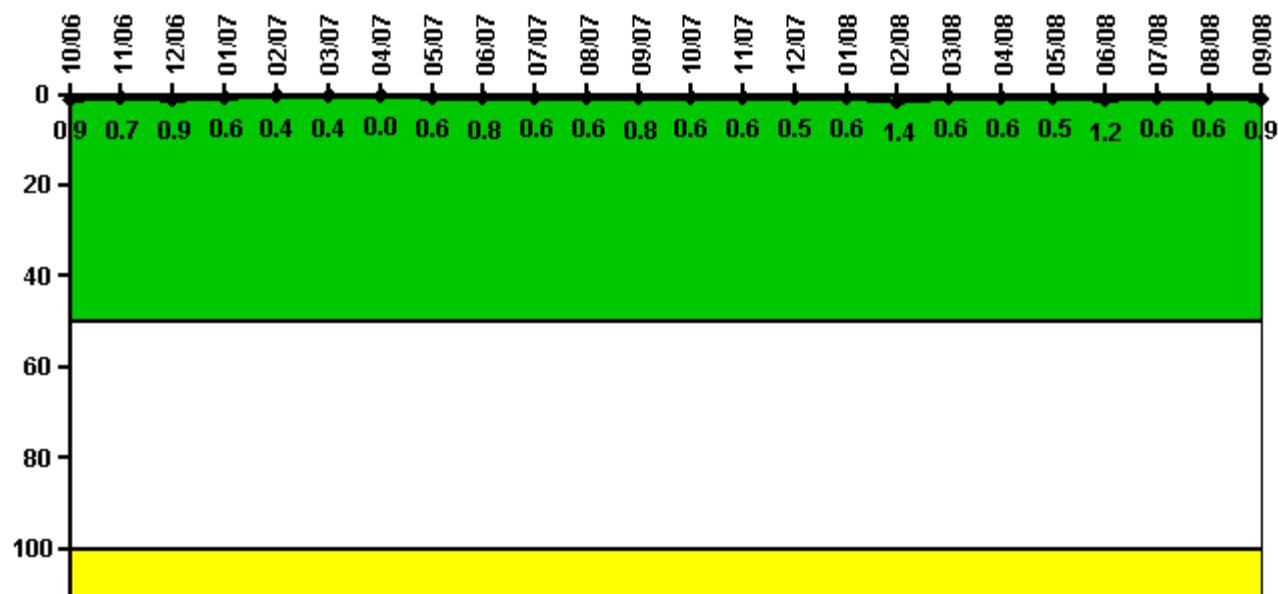
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000826	0.000832	0.000955	0.001831	0.002400	0.000696	N/A	0.000106	0.000370	0.000331	0.000371	0.000430
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.2	0.2	0.1	N/A	0	0	0	0	0
Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000419	0.000442	0.000453	0.000475	0.000496	0.000484	0.000502	0.000566	0.001298	0.001366	0.001200	0.000531
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



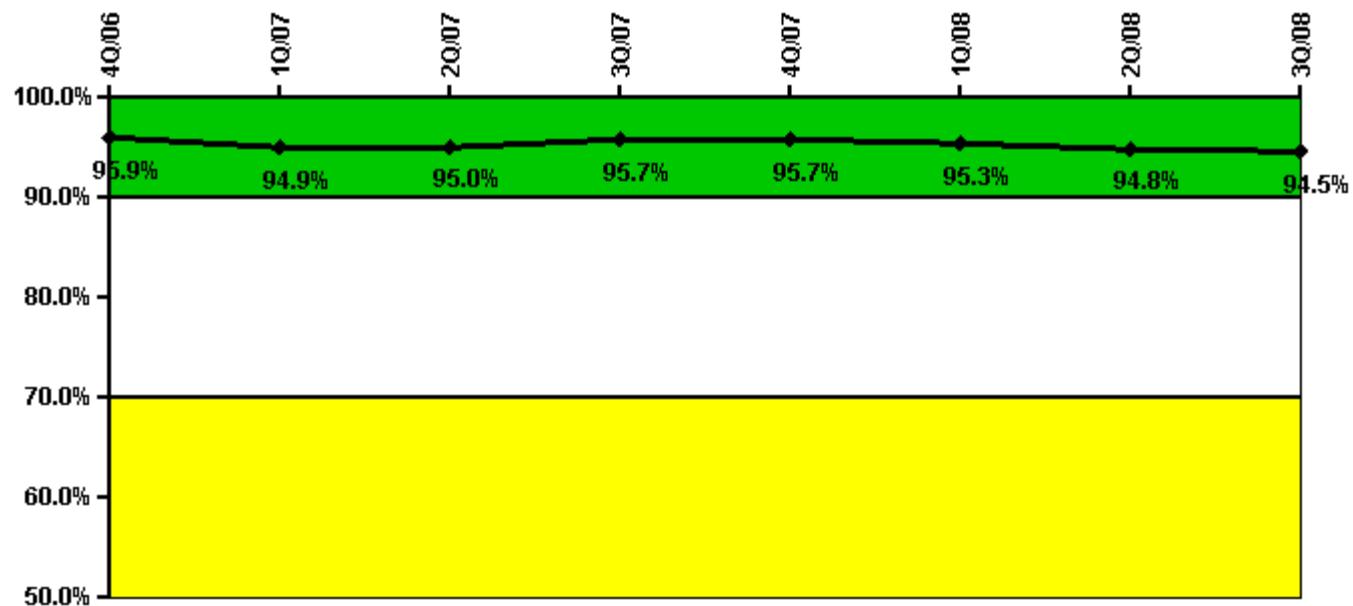
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.089	0.068	0.092	0.058	0.043	0.044	0	0.061	0.076	0.063	0.059	0.078
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.7	0.9	0.6	0.4	0.4	0	0.6	0.8	0.6	0.6	0.8
Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.058	0.057	0.053	0.062	0.144	0.055	0.061	0.051	0.123	0.056	0.058	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.5	0.6	1.4	0.6	0.6	0.5	1.2	0.6	0.6	0.9

Licensee Comments: none

Drill/Exercise Performance



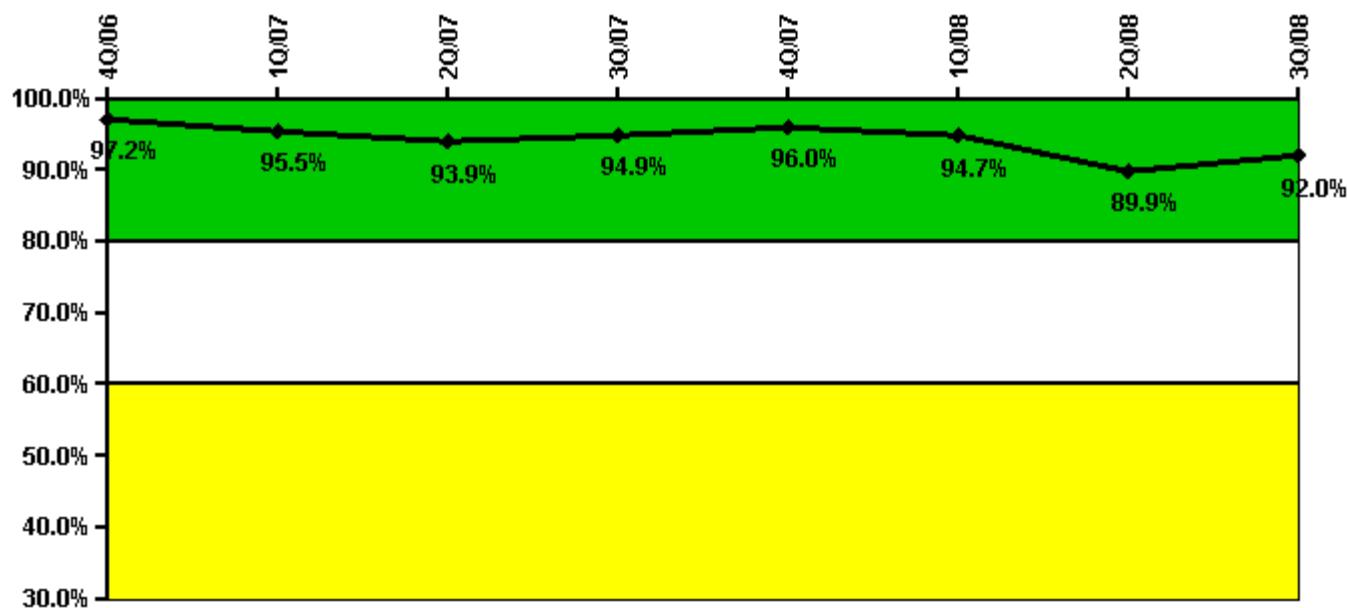
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful opportunities	50.0	20.0	14.0	21.0	63.0	6.0	17.0	15.0
Total opportunities	54.0	22.0	14.0	21.0	65.0	7.0	19.0	16.0
Indicator value	95.9%	94.9%	95.0%	95.7%	95.7%	95.3%	94.8%	94.5%

Licensee Comments: none

ERO Drill Participation



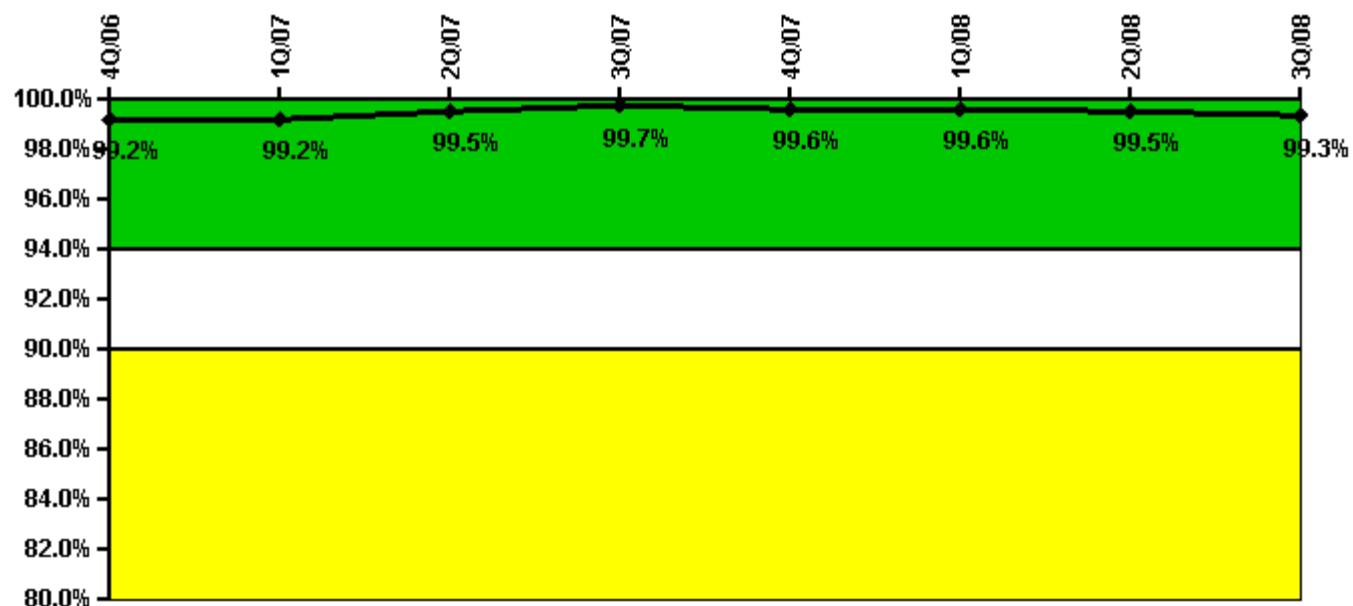
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Participating Key personnel	173.0	169.0	168.0	166.0	169.0	161.0	160.0	161.0
Total Key personnel	178.0	177.0	179.0	175.0	176.0	170.0	178.0	175.0
Indicator value	97.2%	95.5%	93.9%	94.9%	96.0%	94.7%	89.9%	92.0%

Licensee Comments: none

Alert & Notification System



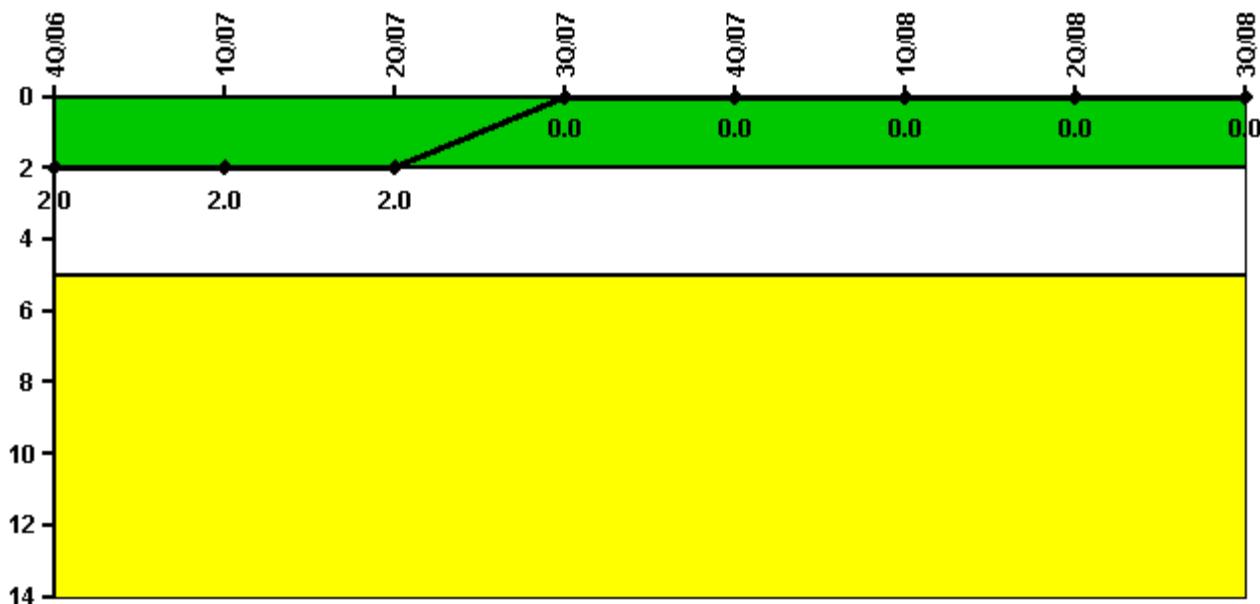
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
Successful siren-tests	1801	1803	1808	1801	1795	1805	1798	1852
Total sirens-tests	1809	1809	1809	1809	1809	1809	1809	1876
Indicator value	99.2%	99.2%	99.5%	99.7%	99.6%	99.6%	99.5%	99.3%

Licensee Comments: none

Occupational Exposure Control Effectiveness



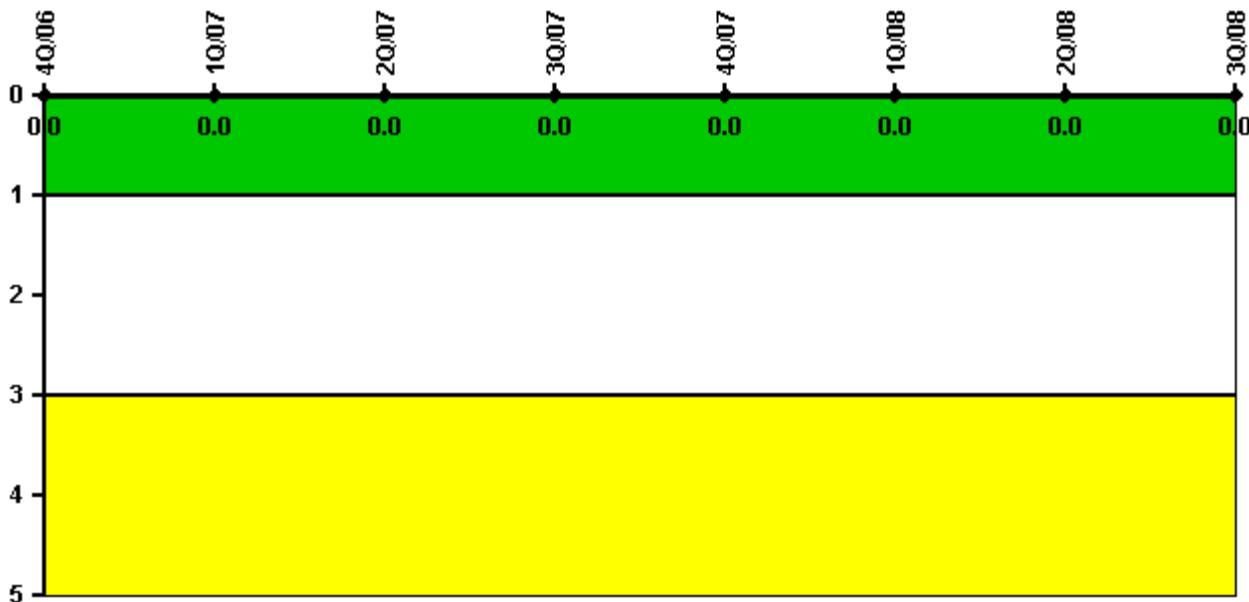
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	2	2	2	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/06	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

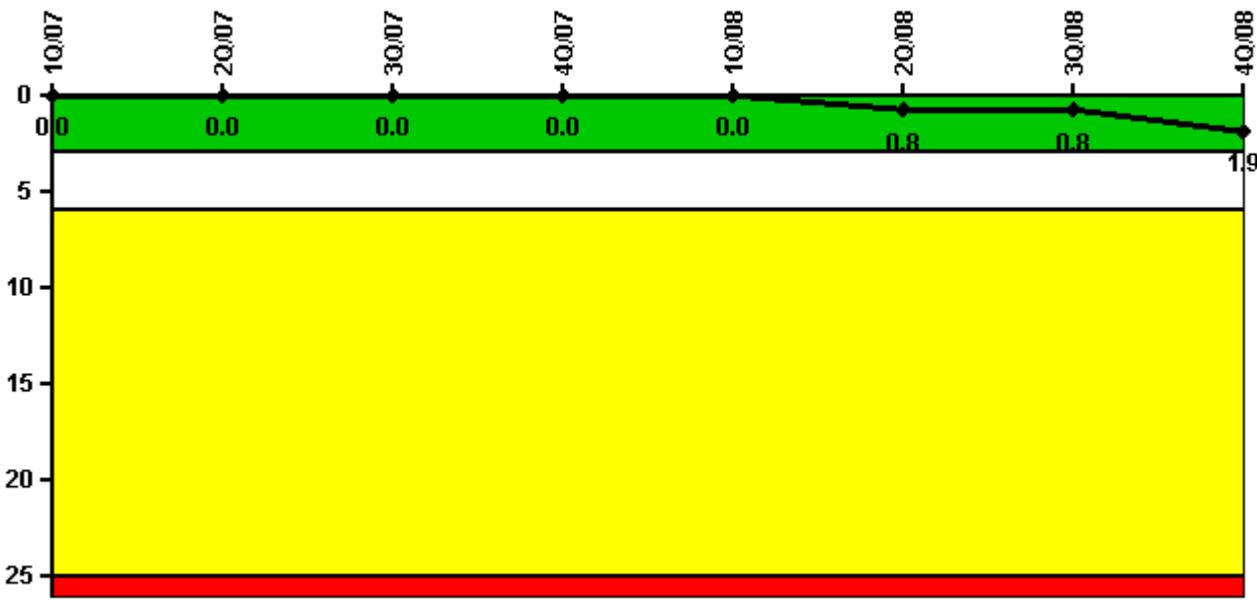
Last Modified: November 26, 2008

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4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



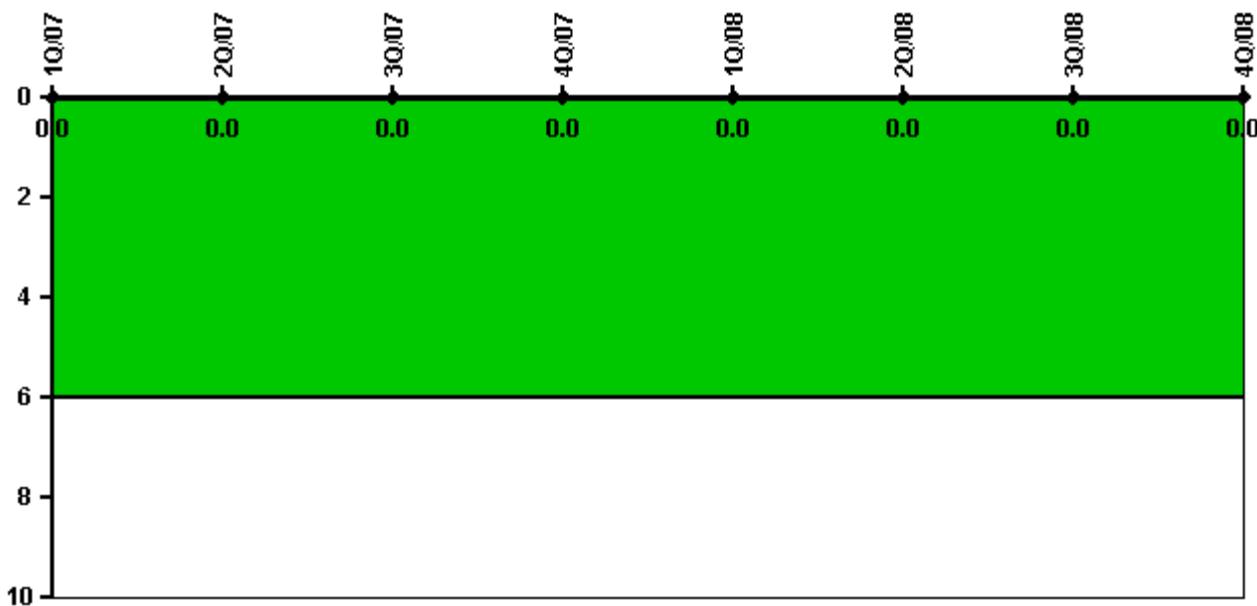
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned scrams	0	0	0	0	0	1.0	0	1.0
Critical hours	1638.9	824.9	2208.0	2209.0	2183.0	2111.0	1951.0	1204.3
Indicator value	0	0	0	0	0	0.8	0.8	1.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



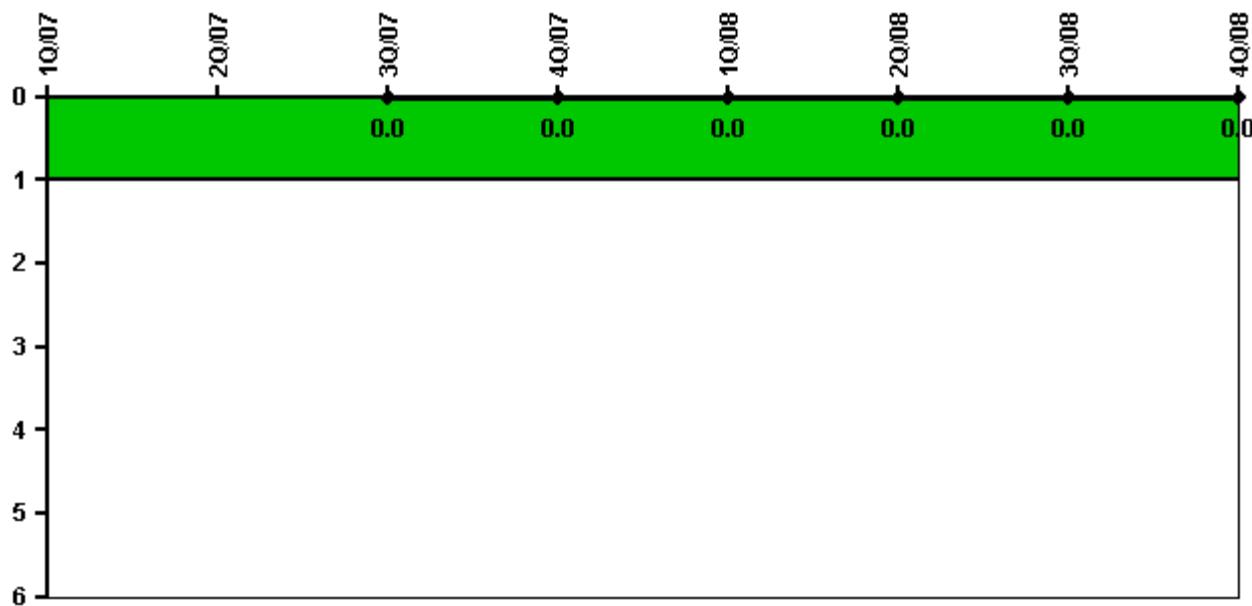
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1638.9	824.9	2208.0	2209.0	2183.0	2111.0	1951.0	1204.3
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



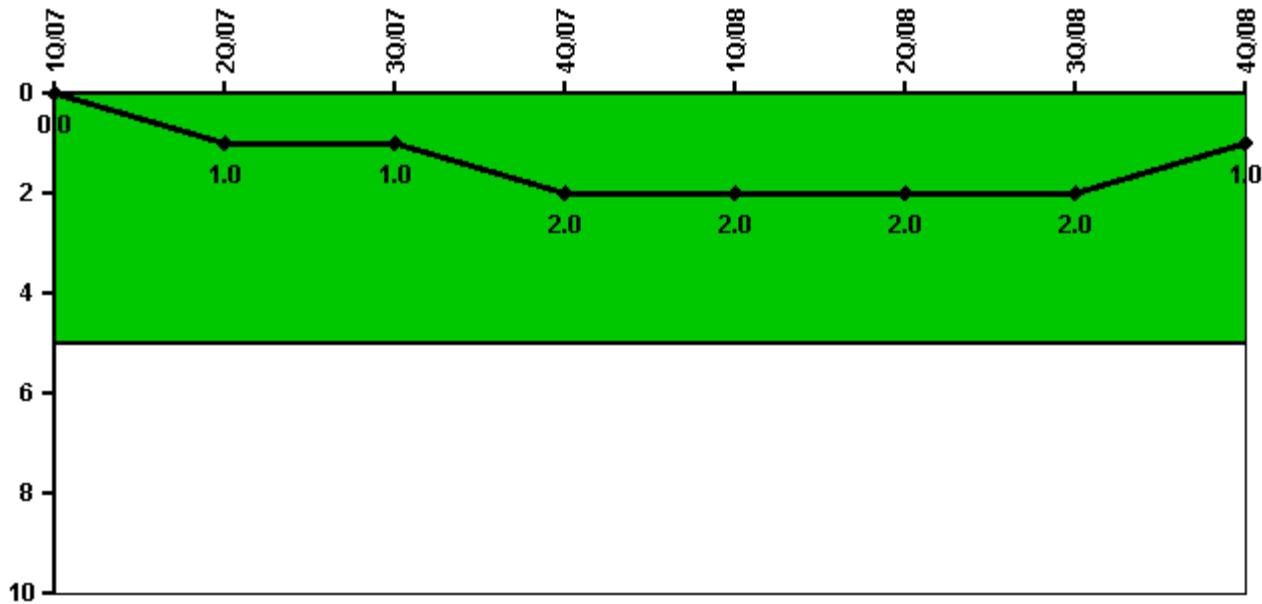
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value			0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



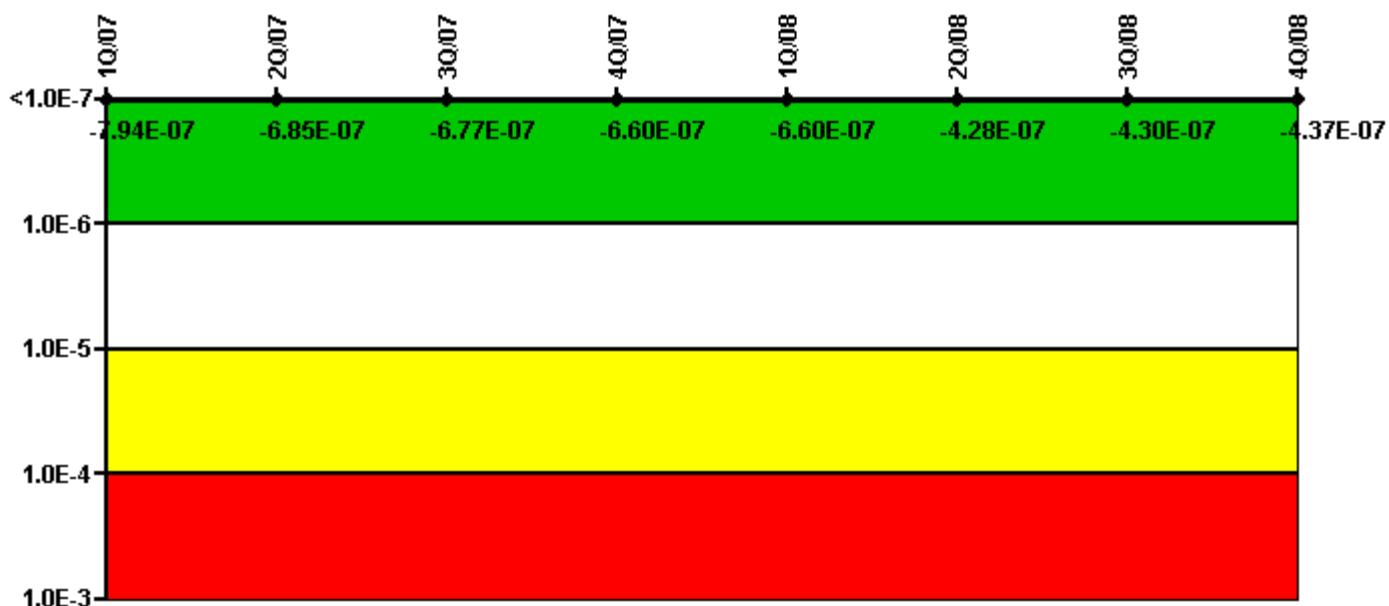
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Safety System Functional Failures	0	1	0	1	0	1	0	0
Indicator value	0	1	1	2	2	2	2	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



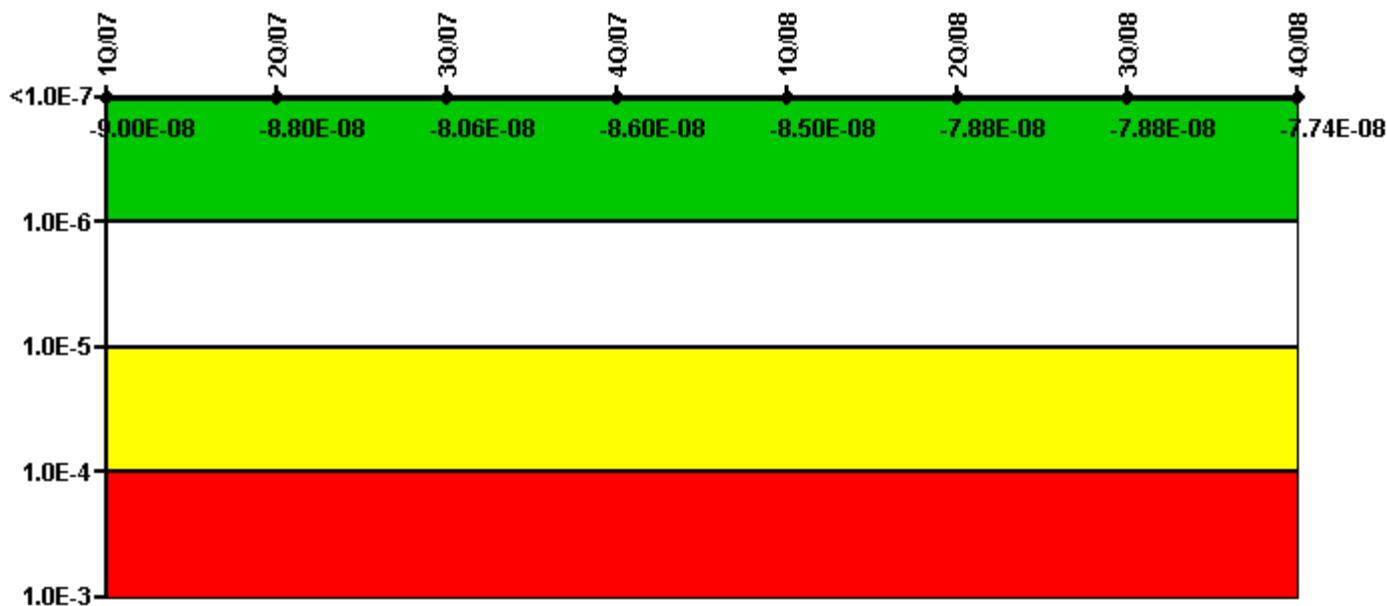
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (ΔCDF)	-2.40E-08	8.50E-08	9.30E-08	1.10E-07	1.10E-07	7.20E-08	7.00E-08	6.30E-08
URI (ΔCDF)	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO							
Indicator value	-7.94E-07	-6.85E-07	-6.77E-07	-6.60E-07	-6.60E-07	-4.28E-07	-4.30E-07	-4.37E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



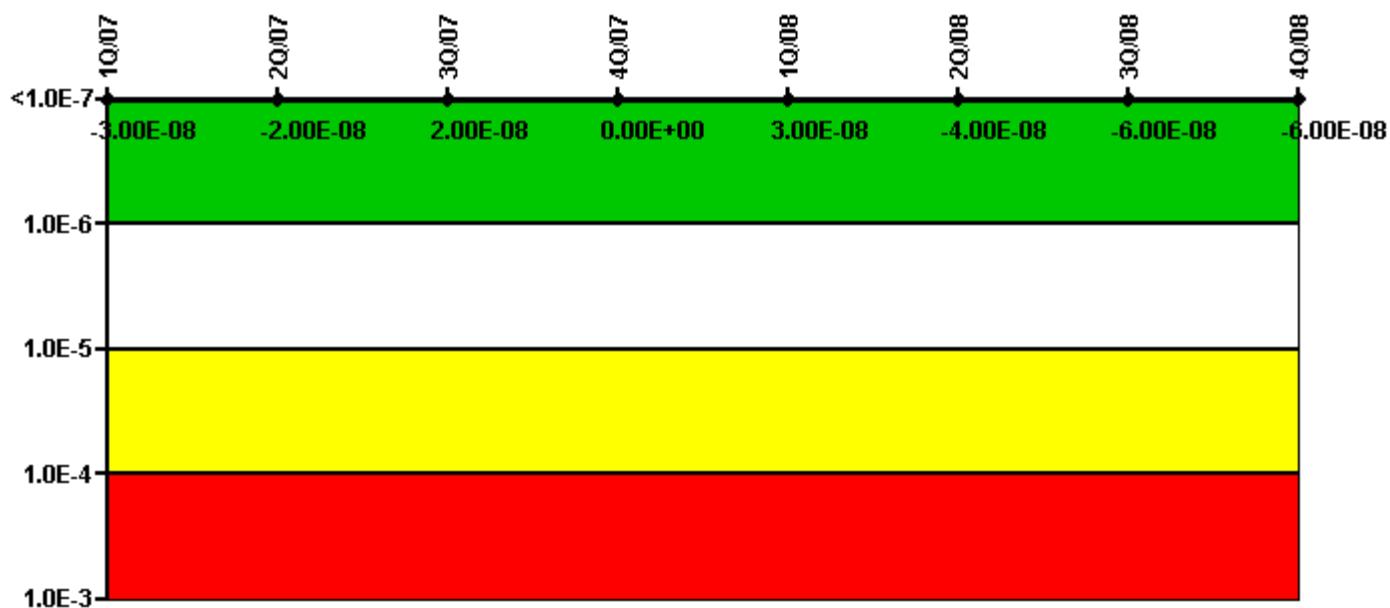
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-1.40E-08	-1.20E-08	-4.60E-09	-1.00E-08	-1.00E-08	-3.80E-09	-3.80E-09	-2.40E-09
URI (Δ CDF)	-7.60E-08	-7.60E-08	-7.60E-08	-7.60E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08
PLE	NO							
Indicator value	-9.00E-08	-8.80E-08	-8.06E-08	-8.60E-08	-8.50E-08	-7.88E-08	-7.88E-08	-7.74E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



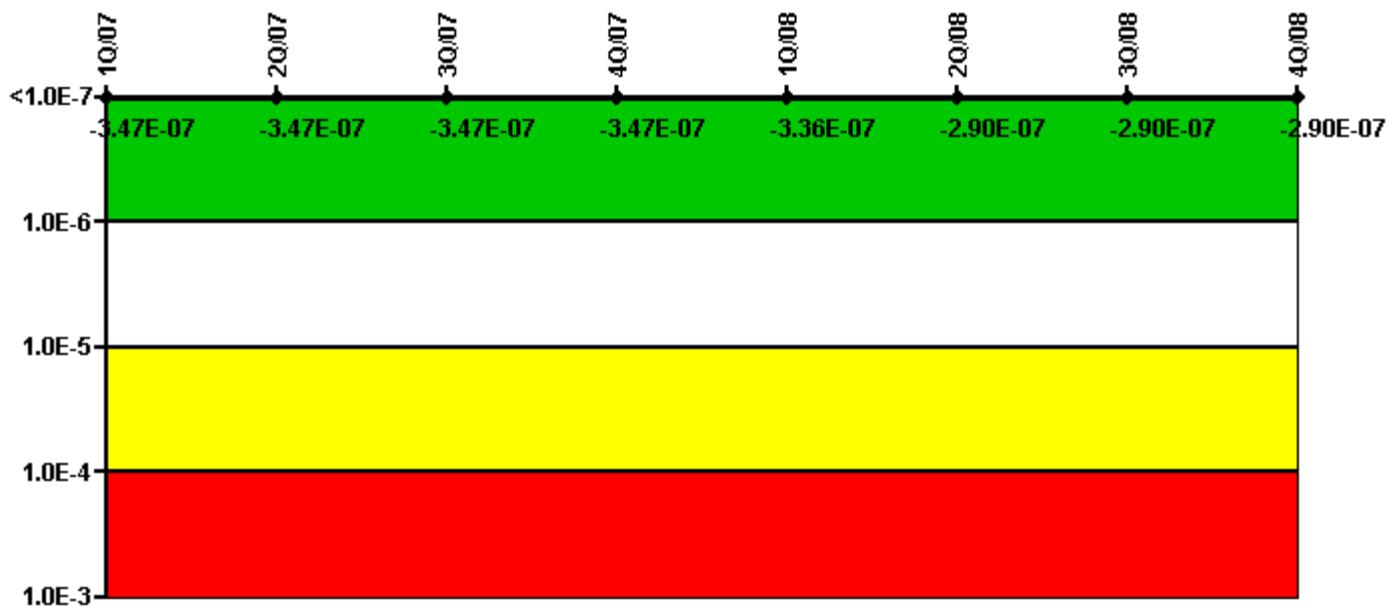
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	1.30E-07	1.40E-07	1.80E-07	1.60E-07	1.90E-07	1.30E-07	1.10E-07	1.10E-07
URI (Δ CDF)	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	-2.00E-08	2.00E-08	0.00E+00	3.00E-08	-4.00E-08	-6.00E-08	-6.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



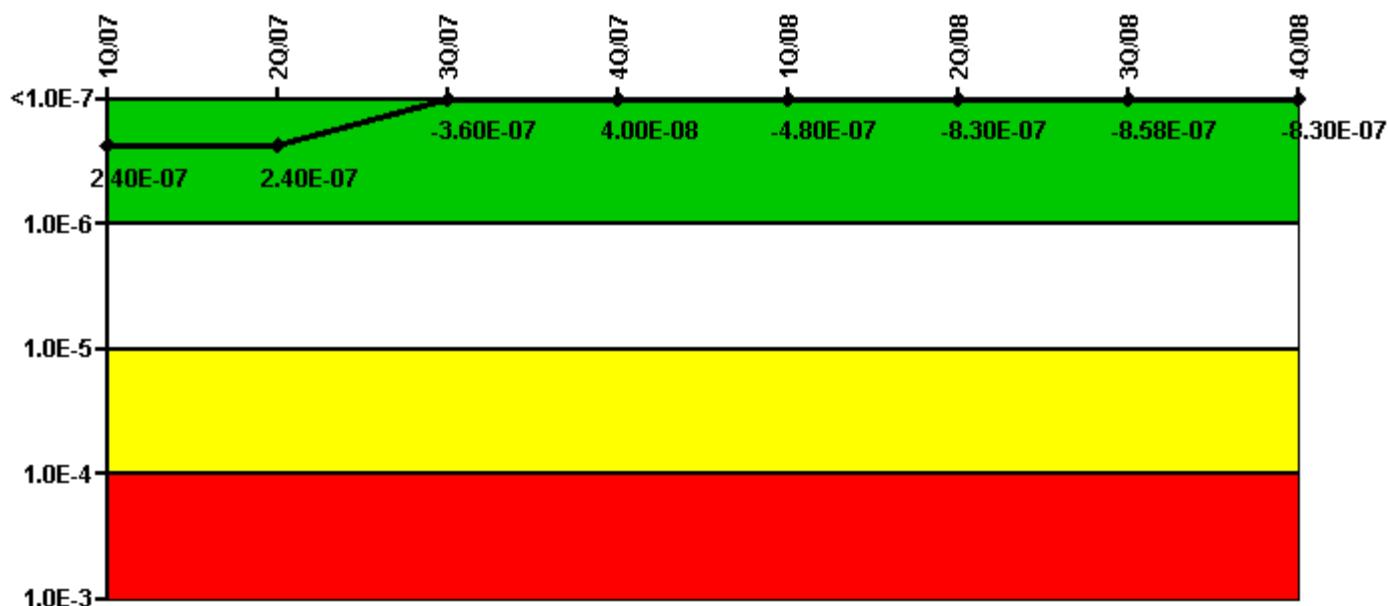
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	-7.70E-08	-7.70E-08	-7.70E-08	-7.70E-08	-7.60E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-2.70E-07	-2.70E-07	-2.70E-07	-2.70E-07	-2.60E-07	-2.60E-07	-2.60E-07	-2.60E-07
PLE	NO							
Indicator value	-3.47E-07	-3.47E-07	-3.47E-07	-3.47E-07	-3.36E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



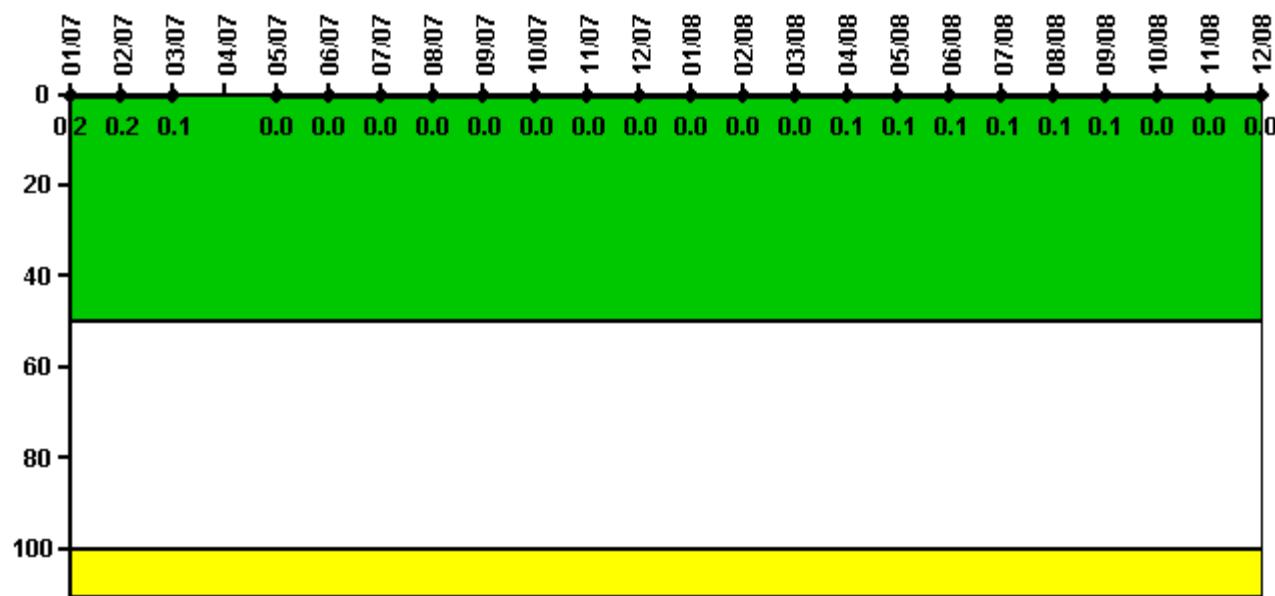
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
UAI (Δ CDF)	1.20E-06	1.20E-06	6.00E-07	1.00E-06	4.70E-07	1.20E-07	9.20E-08	1.20E-07
URI (Δ CDF)	-9.60E-07	-9.60E-07	-9.60E-07	-9.60E-07	-9.50E-07	-9.50E-07	-9.50E-07	-9.50E-07
PLE	NO							
Indicator value	2.40E-07	2.40E-07	-3.60E-07	4.00E-08	-4.80E-07	-8.30E-07	-8.58E-07	-8.30E-07

Licensee Comments: none

Reactor Coolant System Activity



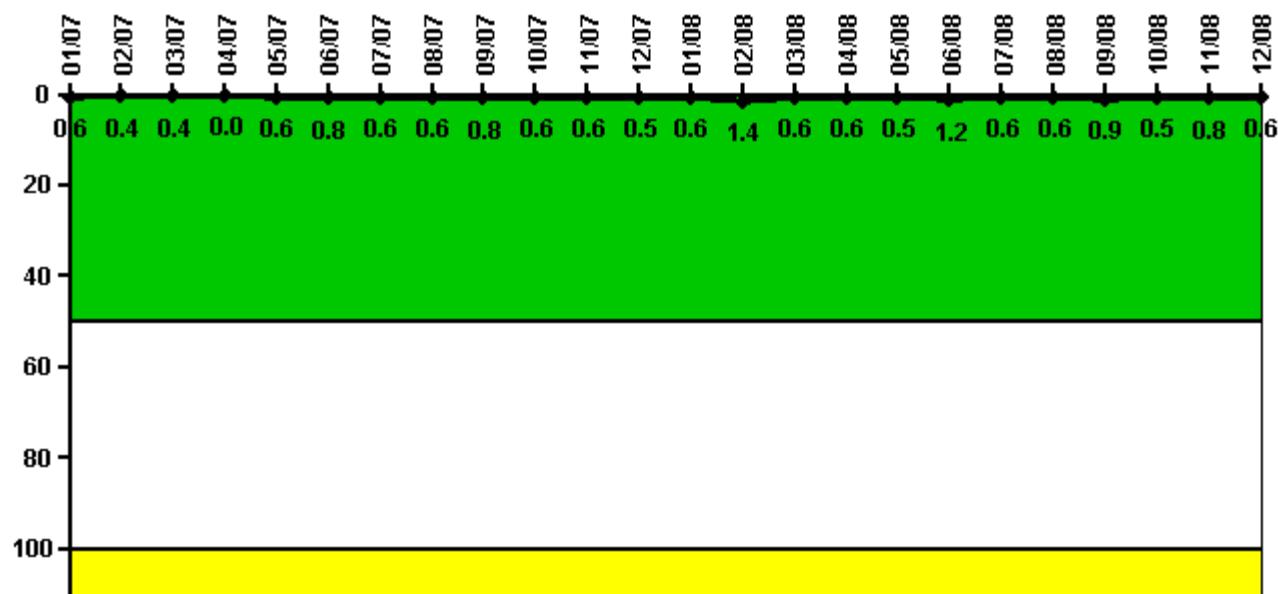
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum activity	0.001831	0.002400	0.000696	N/A	0.000106	0.000370	0.000331	0.000371	0.000430	0.000419	0.000442	0.000453
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.2	0.1	N/A	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000475	0.000496	0.000484	0.000502	0.000566	0.001298	0.001366	0.001200	0.000531	0	0.000292	0.000359
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



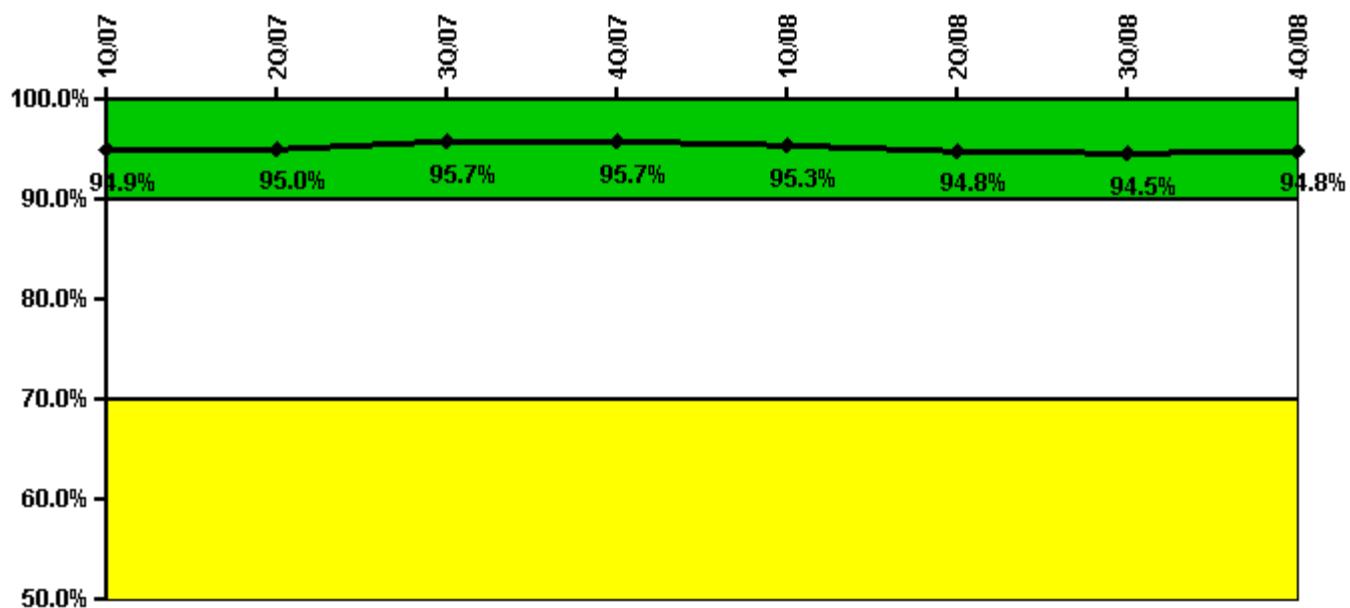
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07
Maximum leakage	0.058	0.043	0.044	0	0.061	0.076	0.063	0.059	0.078	0.058	0.057	0.053
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.4	0.4	0	0.6	0.8	0.6	0.6	0.8	0.6	0.6	0.5
Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.062	0.144	0.055	0.061	0.051	0.123	0.056	0.058	0.089	0.051	0.080	0.056
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	1.4	0.6	0.6	0.5	1.2	0.6	0.6	0.9	0.5	0.8	0.6

Licensee Comments: none

Drill/Exercise Performance



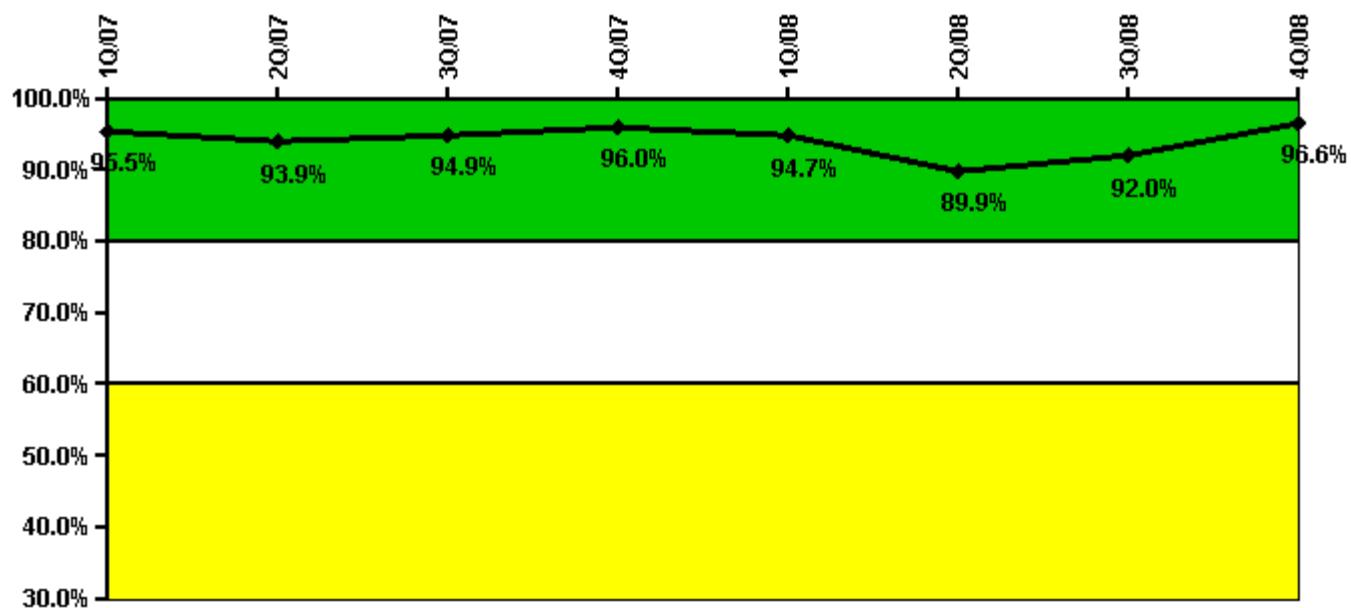
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful opportunities	20.0	14.0	21.0	63.0	6.0	17.0	15.0	45.0
Total opportunities	22.0	14.0	21.0	65.0	7.0	19.0	16.0	48.0
Indicator value	94.9%	95.0%	95.7%	95.7%	95.3%	94.8%	94.5%	94.8%

Licensee Comments: none

ERO Drill Participation



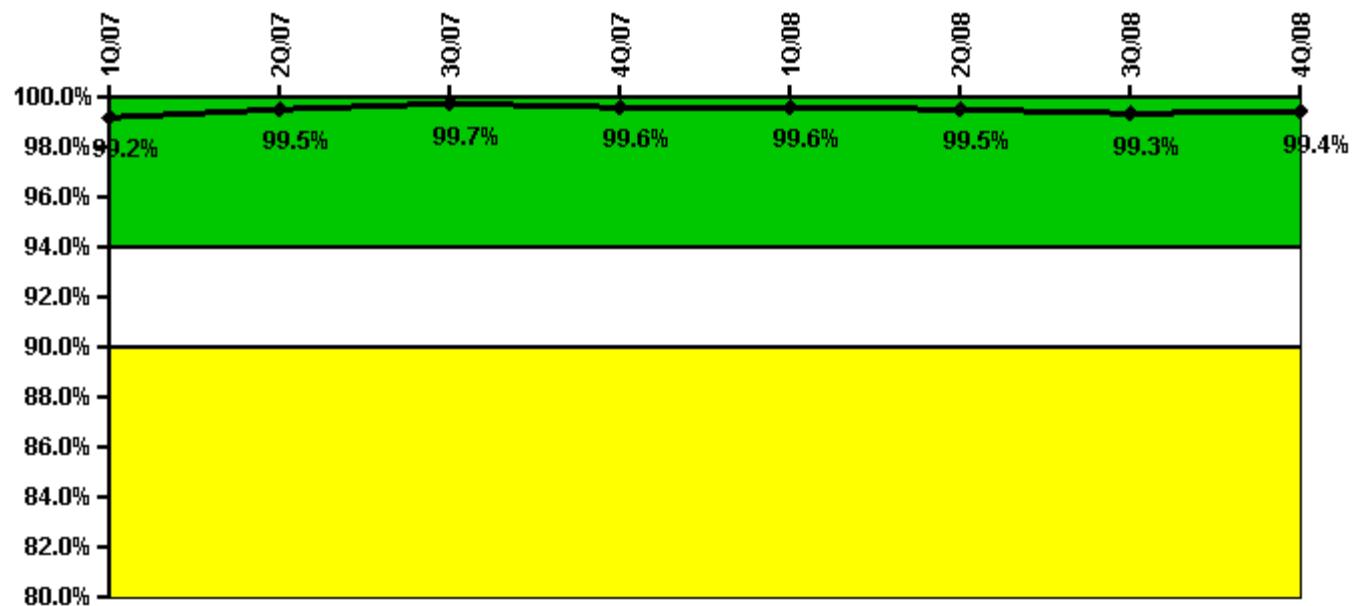
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Participating Key personnel	169.0	168.0	166.0	169.0	161.0	160.0	161.0	168.0
Total Key personnel	177.0	179.0	175.0	176.0	170.0	178.0	175.0	174.0
Indicator value	95.5%	93.9%	94.9%	96.0%	94.7%	89.9%	92.0%	96.6%

Licensee Comments: none

Alert & Notification System



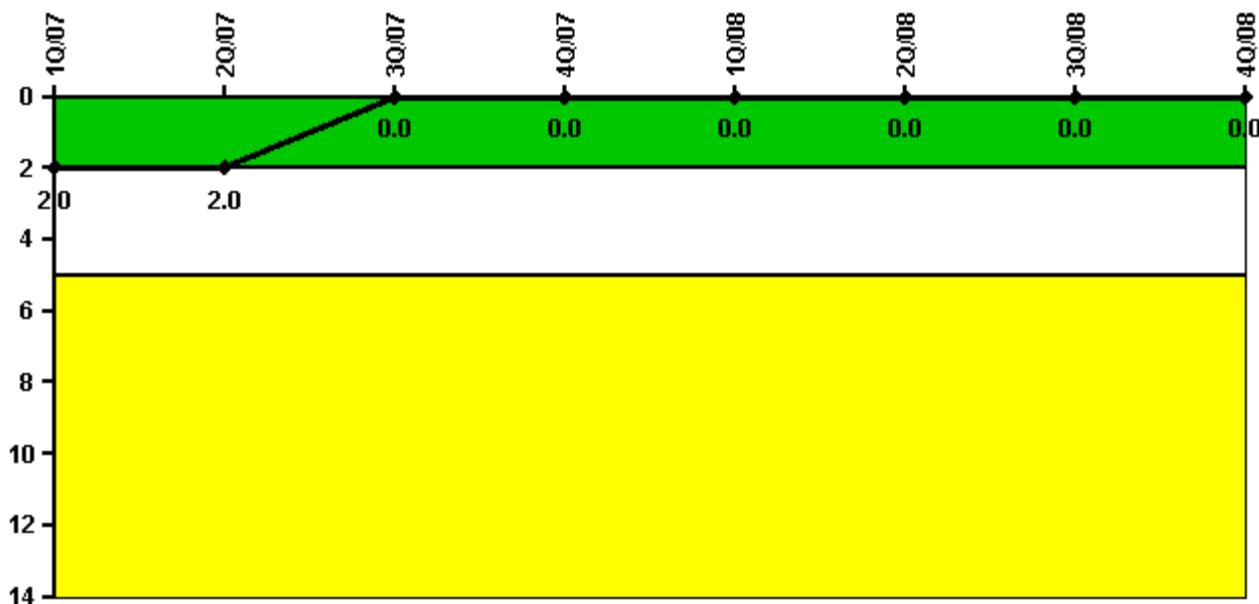
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
Successful siren-tests	1803	1808	1801	1795	1805	1798	1852	1806
Total sirens-tests	1809	1809	1809	1809	1809	1809	1876	1809
Indicator value	99.2%	99.5%	99.7%	99.6%	99.6%	99.5%	99.3%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



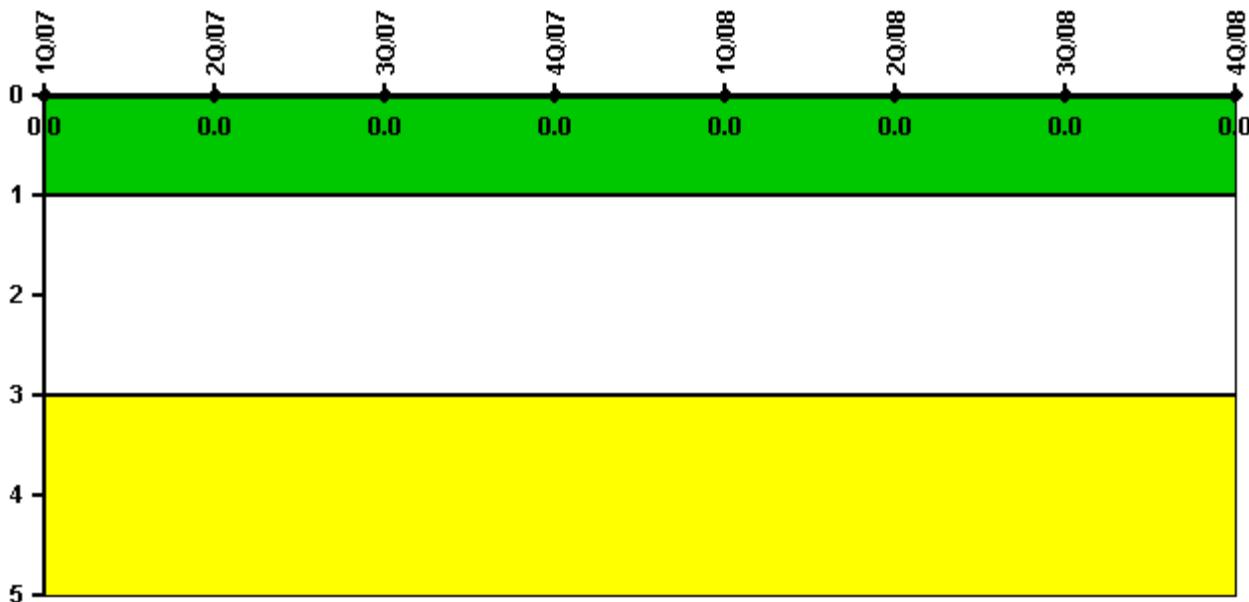
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	2	2	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/07	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

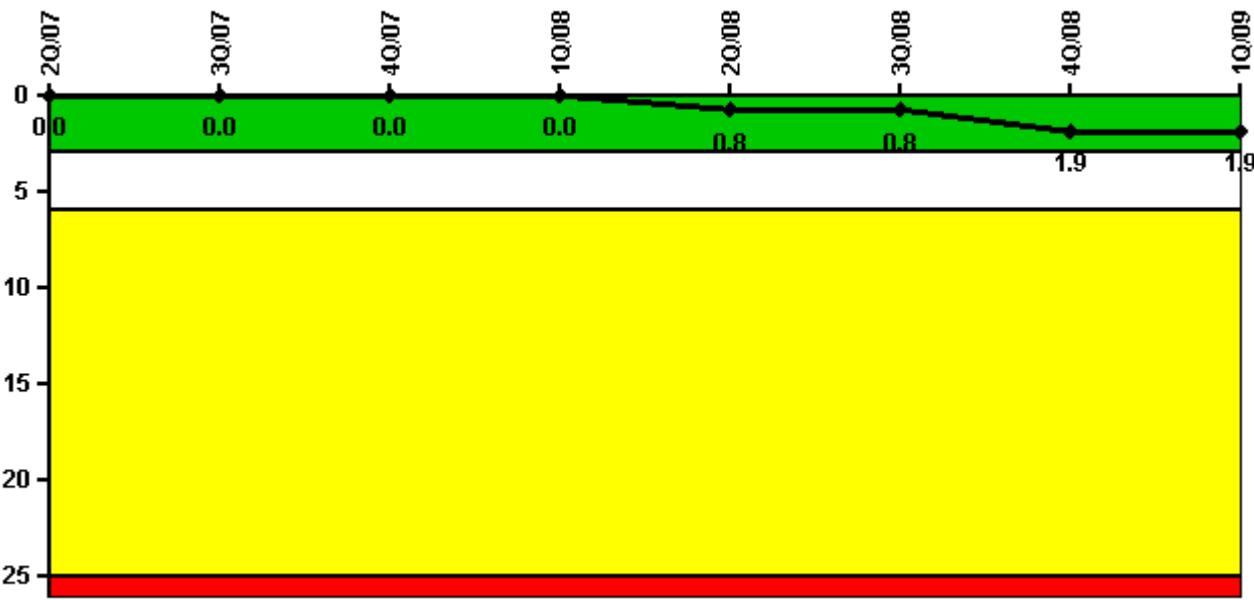
[Security](#) information not publicly available.

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1Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



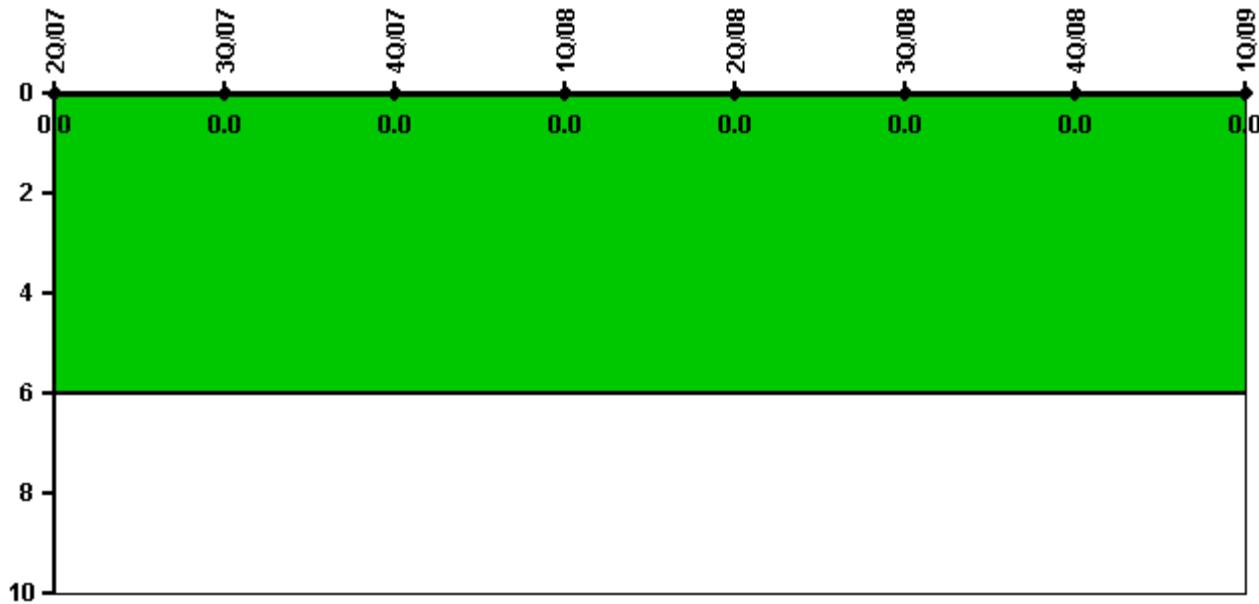
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned scrams	0	0	0	0	1.0	0	1.0	0
Critical hours	824.9	2208.0	2209.0	2183.0	2111.0	1951.0	1204.3	2159.0
Indicator value	0	0	0	0	0.8	0.8	1.9	1.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



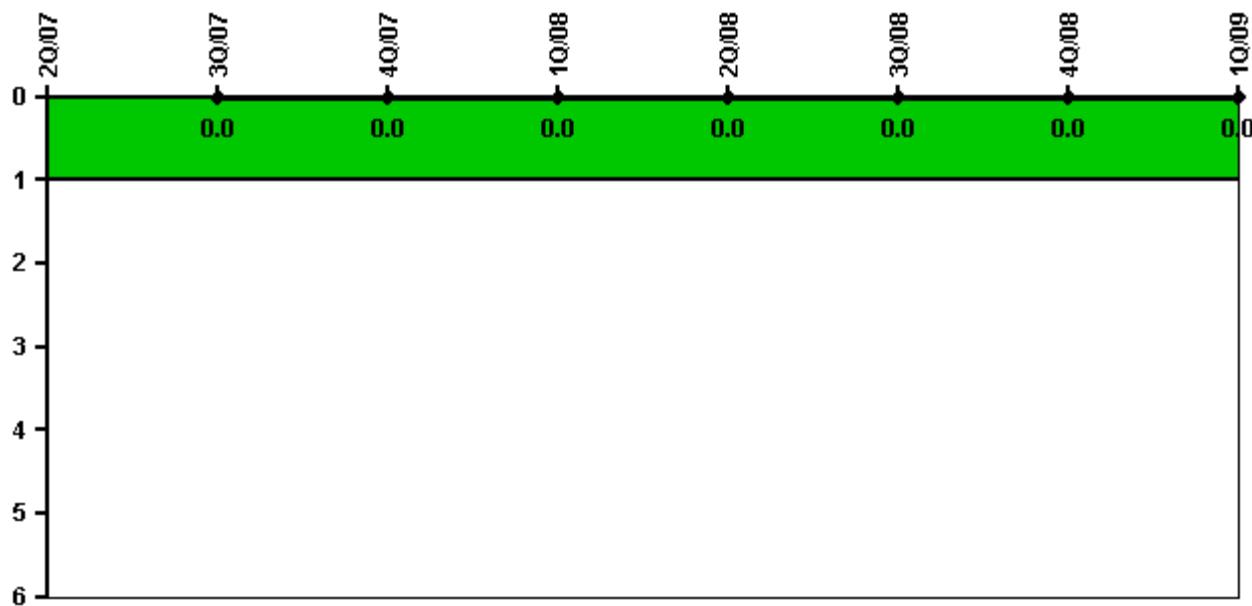
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	824.9	2208.0	2209.0	2183.0	2111.0	1951.0	1204.3	2159.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



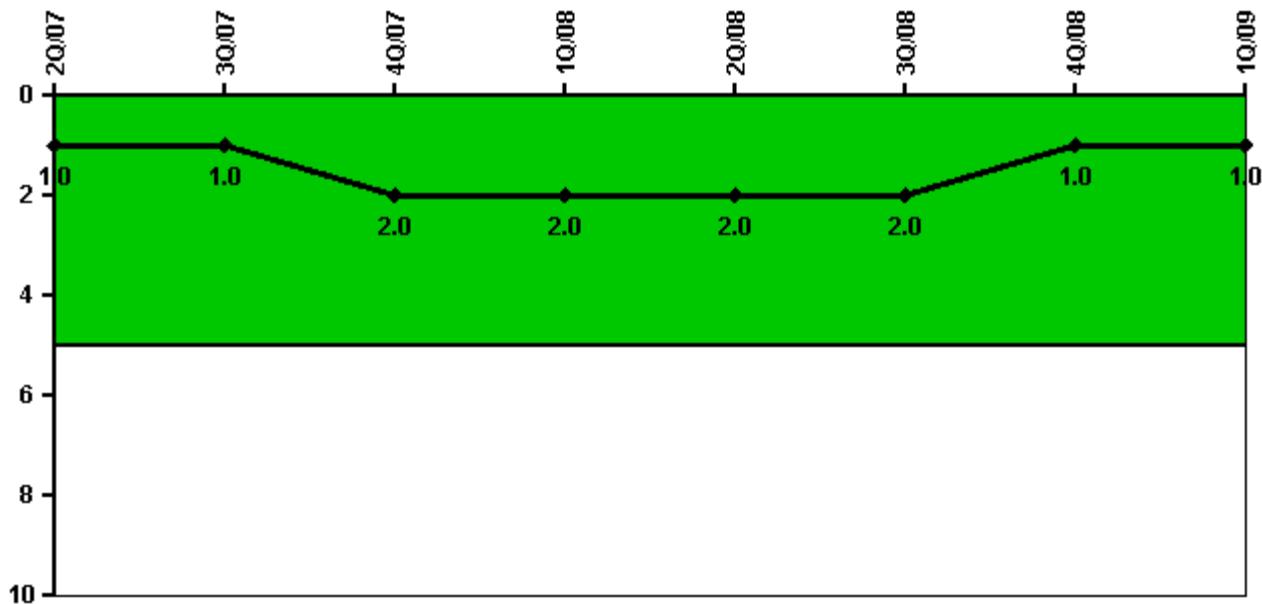
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value		0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



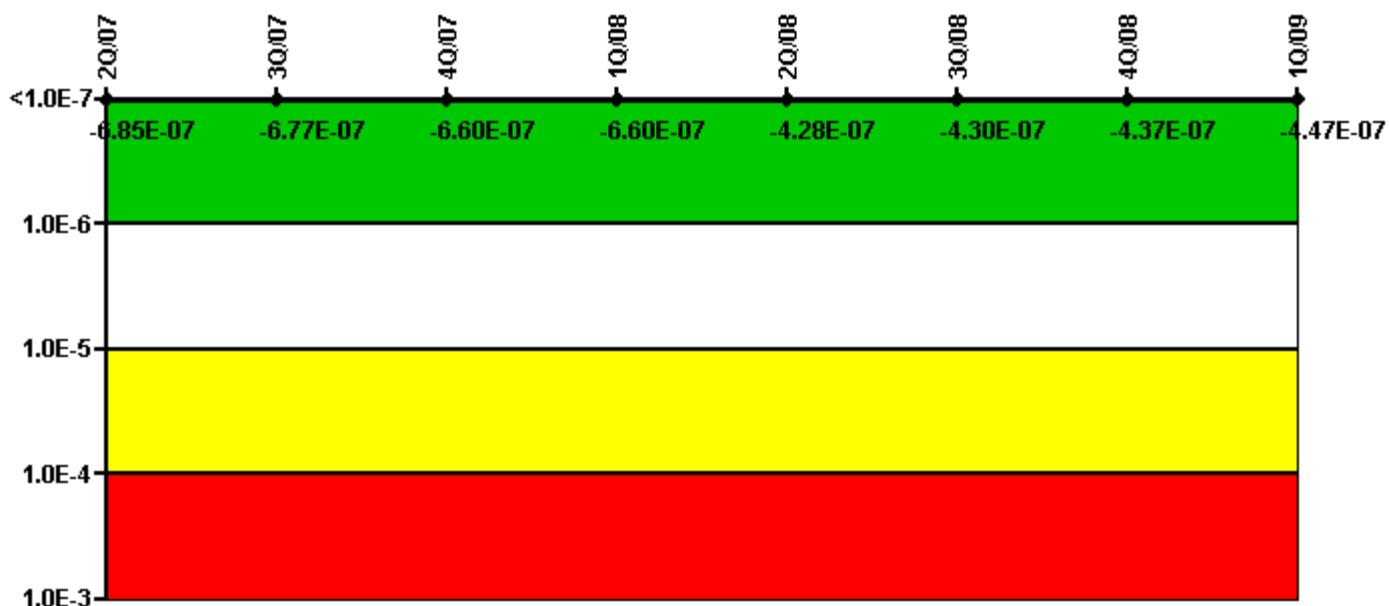
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Safety System Functional Failures	1	0	1	0	1	0	0	0
Indicator value	1	1	2	2	2	2	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



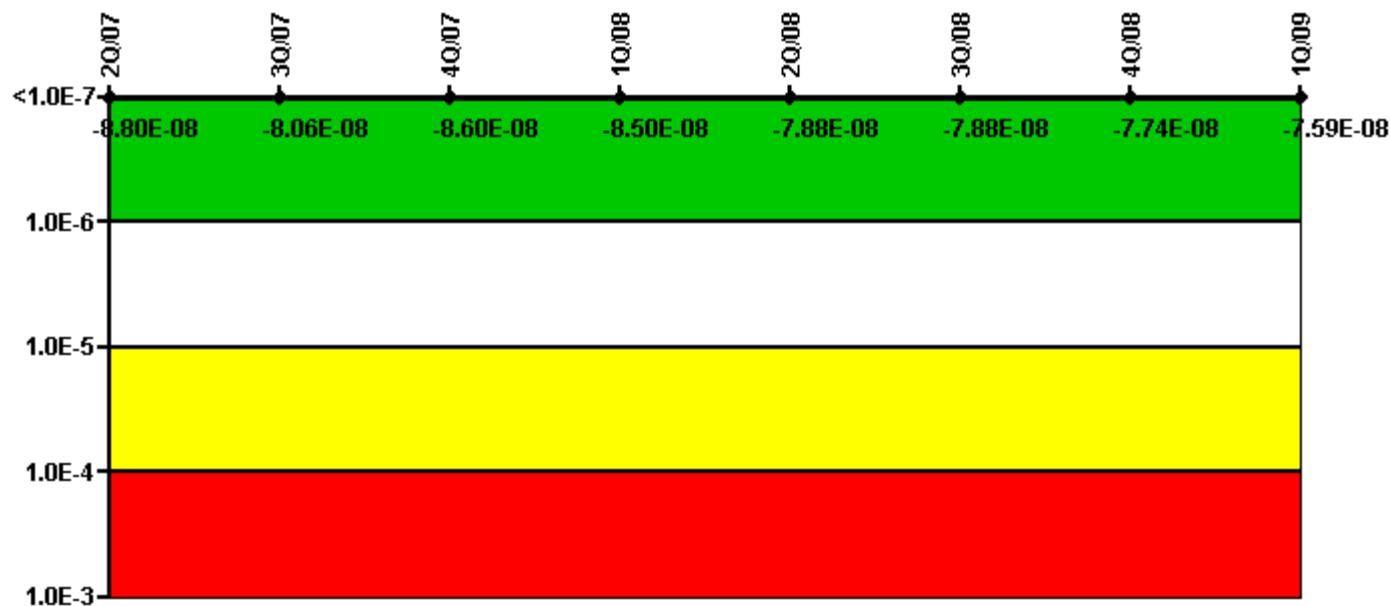
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (ΔCDF)	8.50E-08	9.30E-08	1.10E-07	1.10E-07	7.20E-08	7.00E-08	6.30E-08	5.30E-08
URI (ΔCDF)	-7.70E-07	-7.70E-07	-7.70E-07	-7.70E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO							
Indicator value	-6.85E-07	-6.77E-07	-6.60E-07	-6.60E-07	-4.28E-07	-4.30E-07	-4.37E-07	-4.47E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



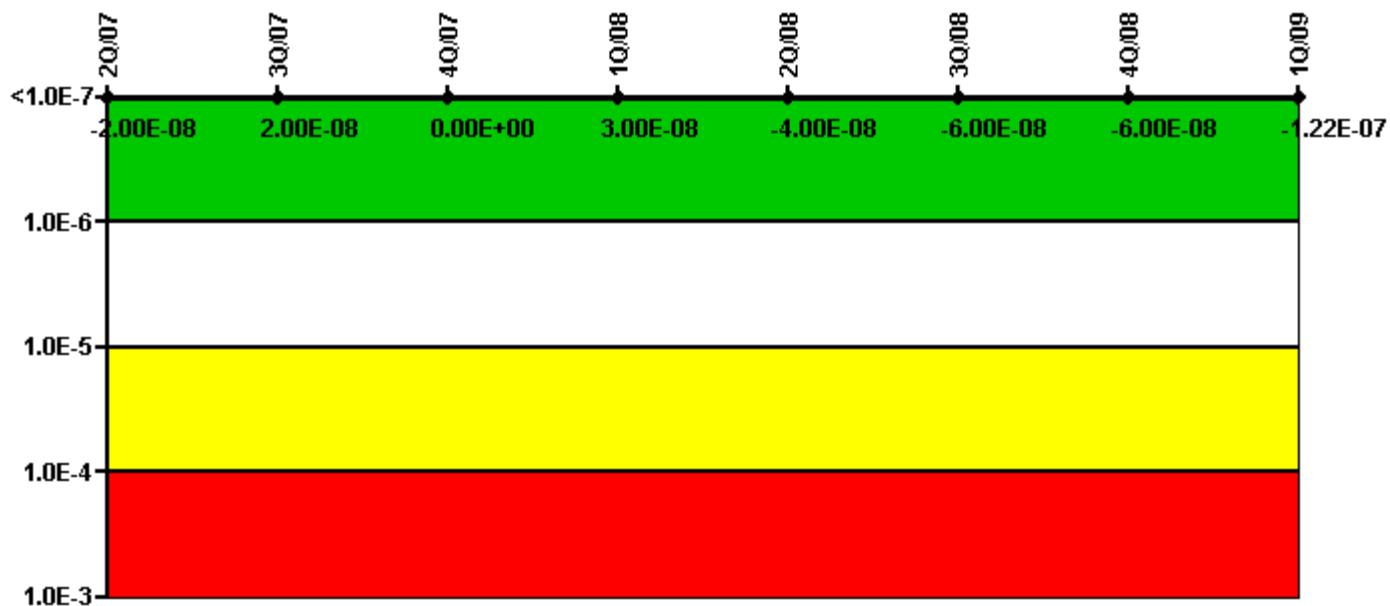
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-1.20E-08	-4.60E-09	-1.00E-08	-1.00E-08	-3.80E-09	-3.80E-09	-2.40E-09	-8.80E-10
URI (Δ CDF)	-7.60E-08	-7.60E-08	-7.60E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08
PLE	NO							
Indicator value	-8.80E-08	-8.06E-08	-8.60E-08	-8.50E-08	-7.88E-08	-7.88E-08	-7.74E-08	-7.59E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



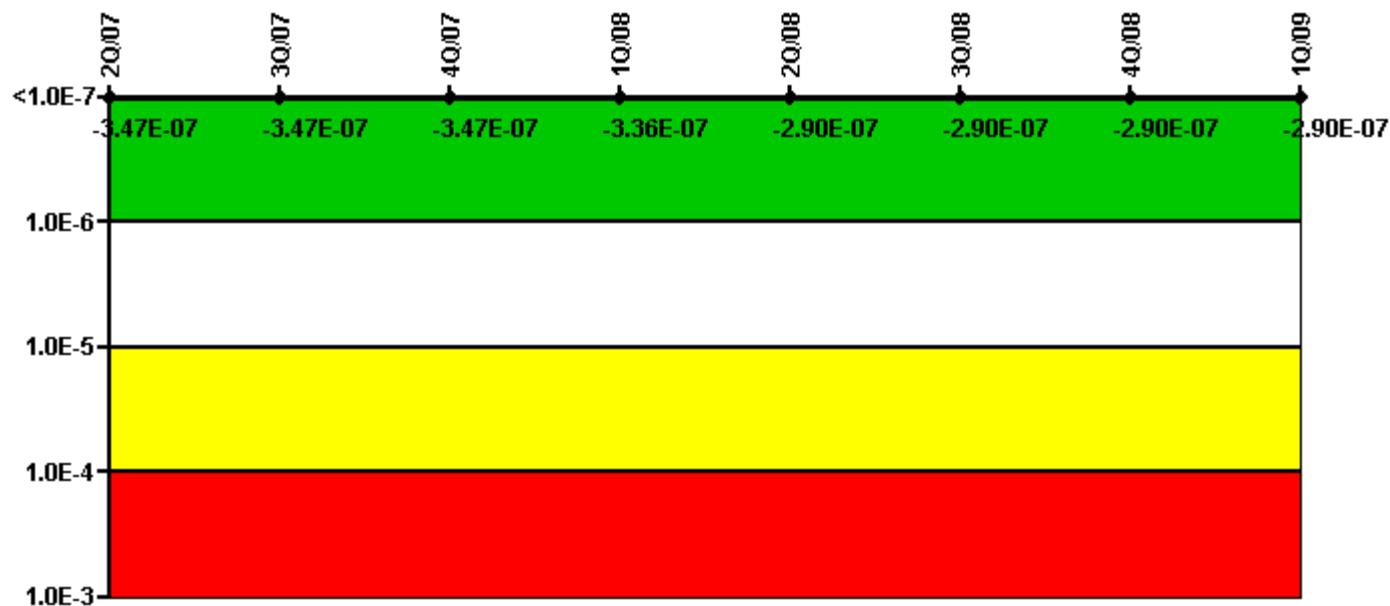
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	1.40E-07	1.80E-07	1.60E-07	1.90E-07	1.30E-07	1.10E-07	1.10E-07	4.80E-08
URI (Δ CDF)	-1.60E-07	-1.60E-07	-1.60E-07	-1.60E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO							
Indicator value	-2.00E-08	2.00E-08	0.00E+00	3.00E-08	-4.00E-08	-6.00E-08	-6.00E-08	-1.22E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



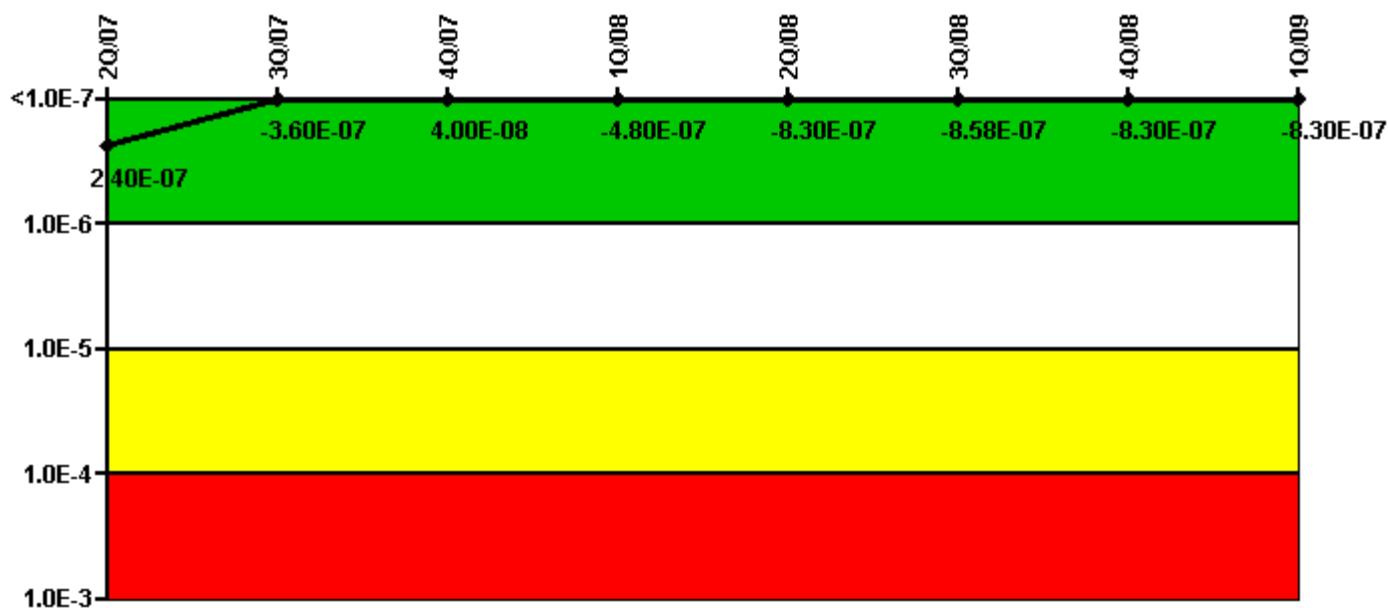
Thresholds: White > $1.00\text{E-}6$ Yellow > $1.00\text{E-}5$ Red > $1.00\text{E-}4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	-7.70E-08	-7.70E-08	-7.70E-08	-7.60E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-2.70E-07	-2.70E-07	-2.70E-07	-2.60E-07	-2.60E-07	-2.60E-07	-2.60E-07	-2.60E-07
PLE	NO							
Indicator value	-3.47E-07	-3.47E-07	-3.47E-07	-3.36E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



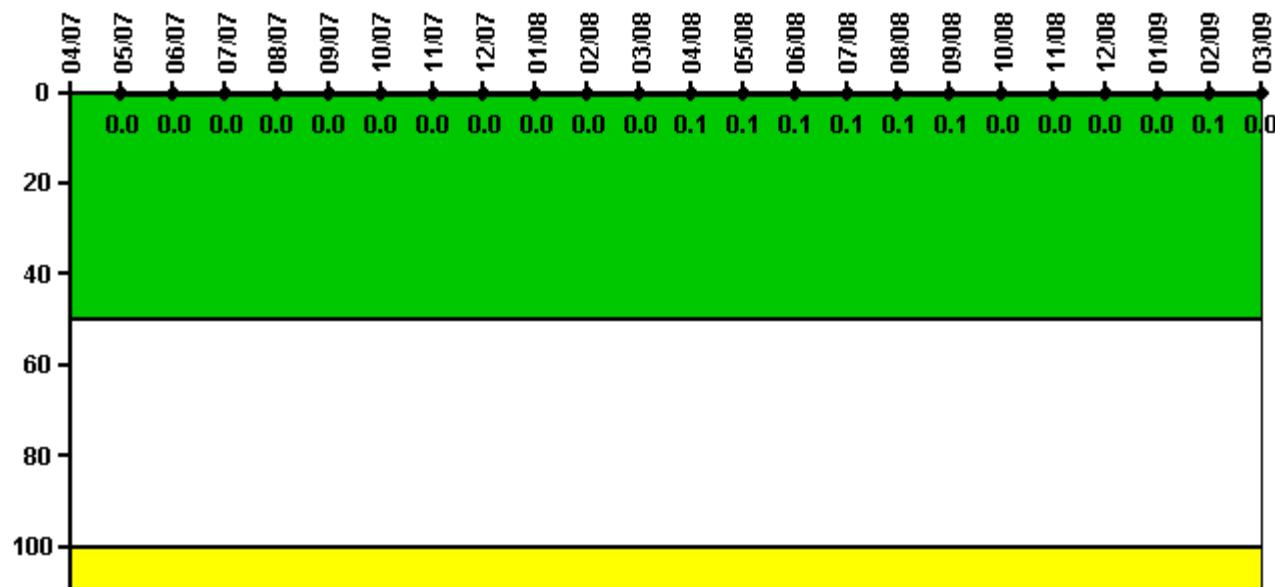
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
UAI (Δ CDF)	1.20E-06	6.00E-07	1.00E-06	4.70E-07	1.20E-07	9.20E-08	1.20E-07	1.20E-07
URI (Δ CDF)	-9.60E-07	-9.60E-07	-9.60E-07	-9.50E-07	-9.50E-07	-9.50E-07	-9.50E-07	-9.50E-07
PLE	NO							
Indicator value	2.40E-07	-3.60E-07	4.00E-08	-4.80E-07	-8.30E-07	-8.58E-07	-8.30E-07	-8.30E-07

Licensee Comments: none

Reactor Coolant System Activity



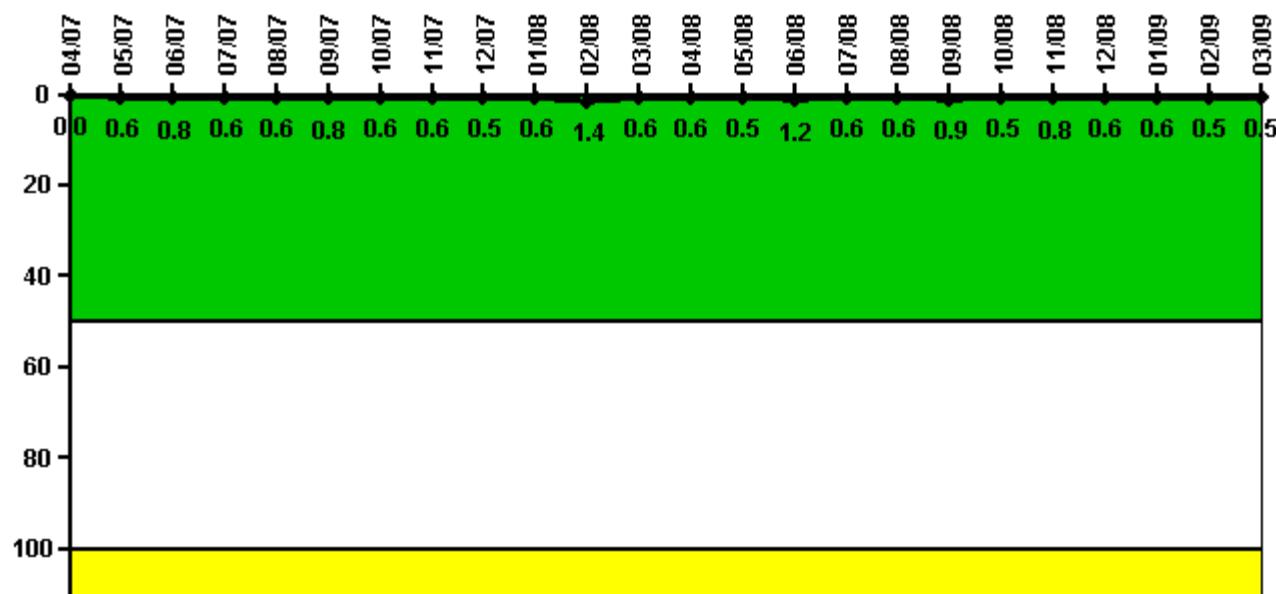
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum activity	N/A	0.000106	0.000370	0.000331	0.000371	0.000430	0.000419	0.000442	0.000453	0.000475	0.000496	0.000484
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	N/A	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000502	0.000566	0.001298	0.001366	0.001200	0.000531	0	0.000292	0.000359	0.000362	0.000576	0.000419
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



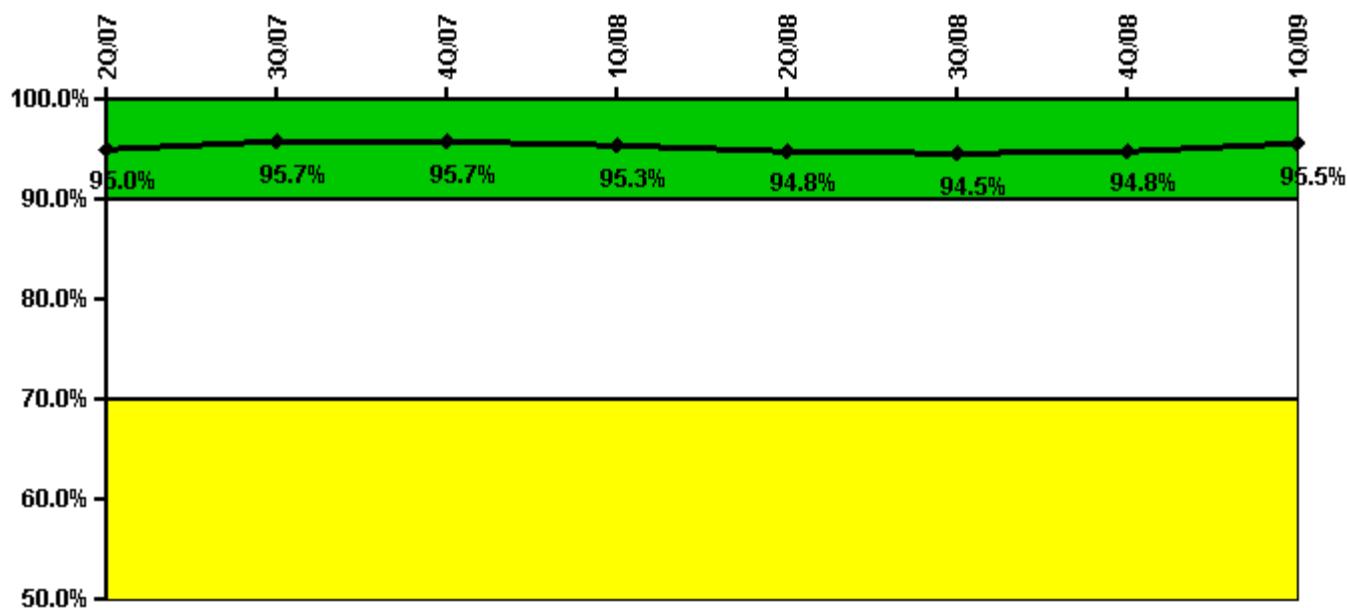
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/07	5/07	6/07	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08
Maximum leakage	0	0.061	0.076	0.063	0.059	0.078	0.058	0.057	0.053	0.062	0.144	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0	0.6	0.8	0.6	0.6	0.8	0.6	0.6	0.5	0.6	1.4	0.6
Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.061	0.051	0.123	0.056	0.058	0.089	0.051	0.080	0.056	0.062	0.049	0.049
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	1.2	0.6	0.6	0.9	0.5	0.8	0.6	0.6	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



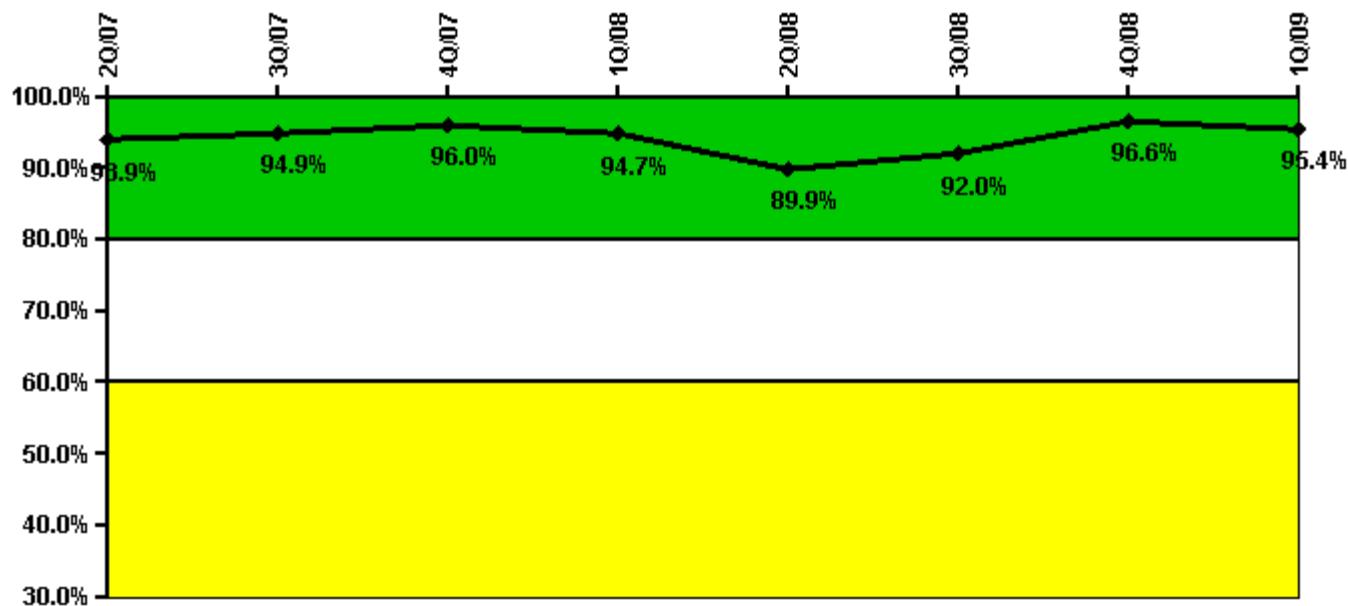
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful opportunities	14.0	21.0	63.0	6.0	17.0	15.0	45.0	8.0
Total opportunities	14.0	21.0	65.0	7.0	19.0	16.0	48.0	8.0
Indicator value	95.0%	95.7%	95.7%	95.3%	94.8%	94.5%	94.8%	95.5%

Licensee Comments: none

ERO Drill Participation



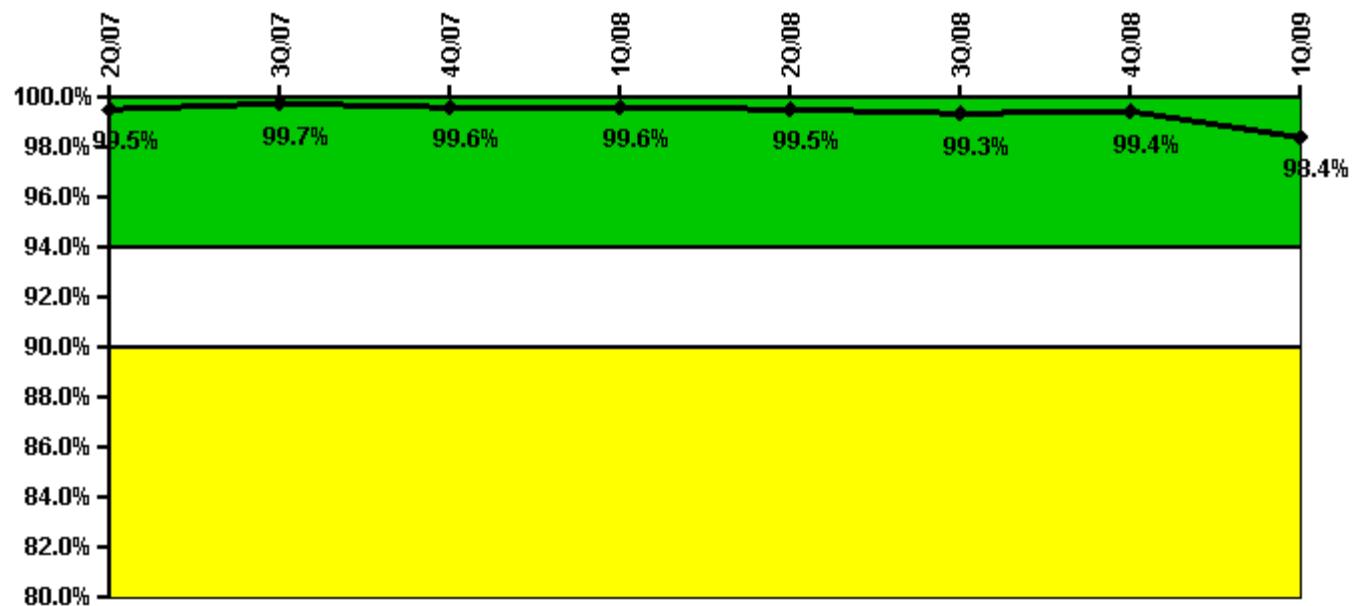
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Participating Key personnel	168.0	166.0	169.0	161.0	160.0	161.0	168.0	165.0
Total Key personnel	179.0	175.0	176.0	170.0	178.0	175.0	174.0	173.0
Indicator value	93.9%	94.9%	96.0%	94.7%	89.9%	92.0%	96.6%	95.4%

Licensee Comments: none

Alert & Notification System



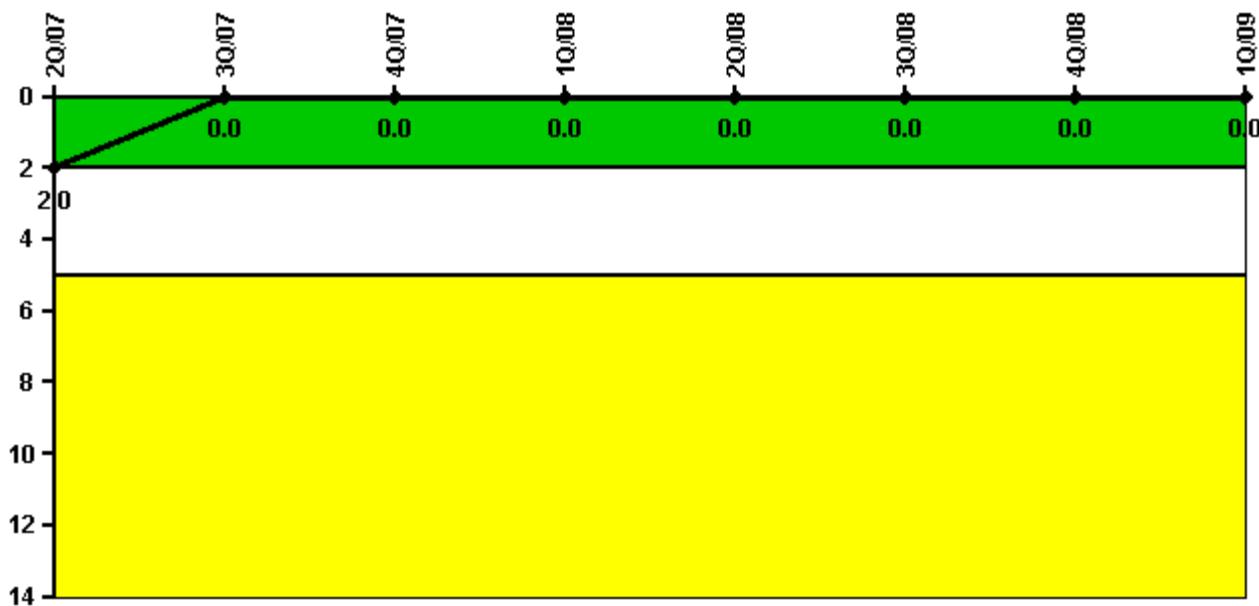
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
Successful siren-tests	1808	1801	1795	1805	1798	1852	1806	1733
Total sirens-tests	1809	1809	1809	1809	1809	1876	1809	1809
Indicator value	99.5%	99.7%	99.6%	99.6%	99.5%	99.3%	99.4%	98.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



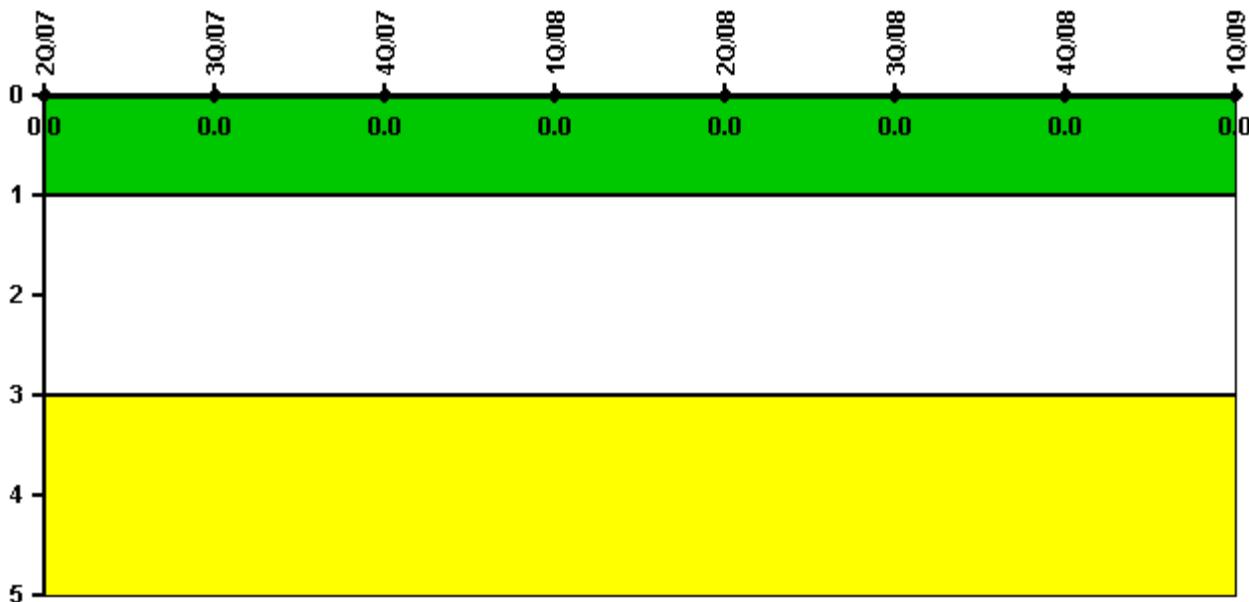
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	2	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/07	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

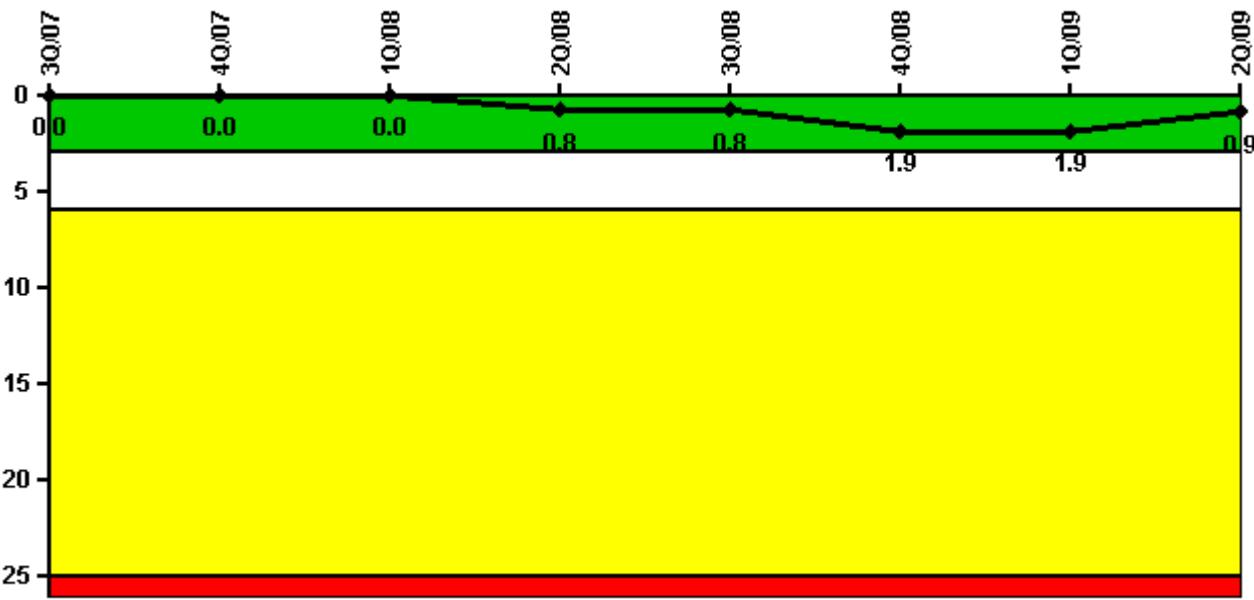
Last Modified: May 1, 2009

McGuire 1

2Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



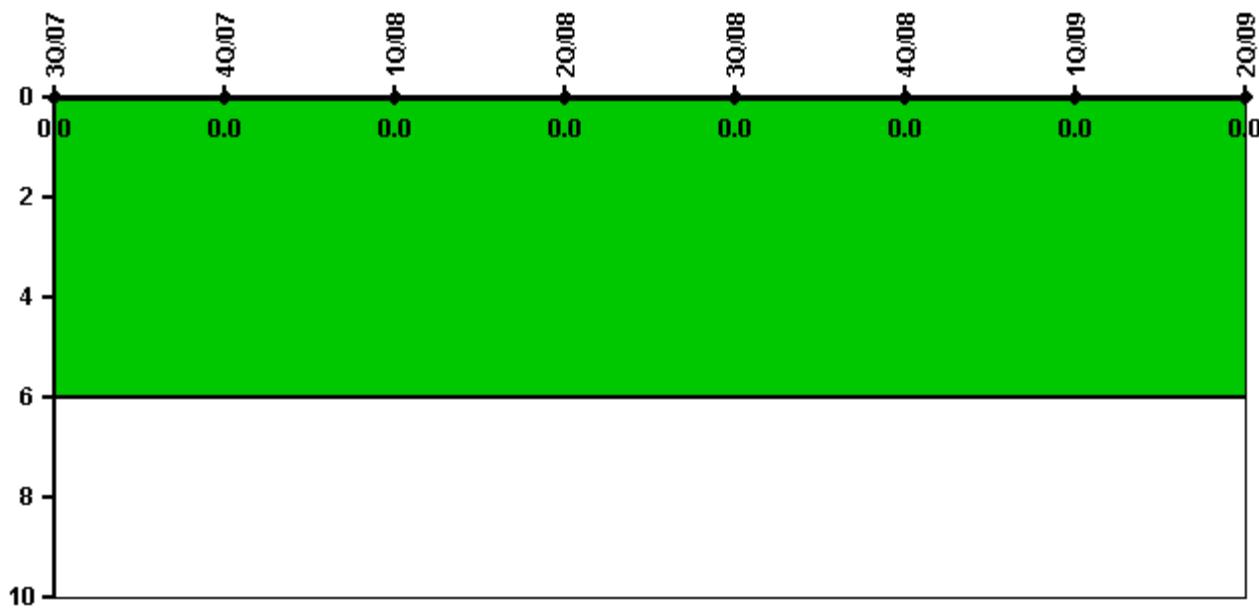
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned scrams	0	0	0	1.0	0	1.0	0	0
Critical hours	2208.0	2209.0	2183.0	2111.0	1951.0	1204.3	2159.0	2184.0
Indicator value	0	0	0	0.8	0.8	1.9	1.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



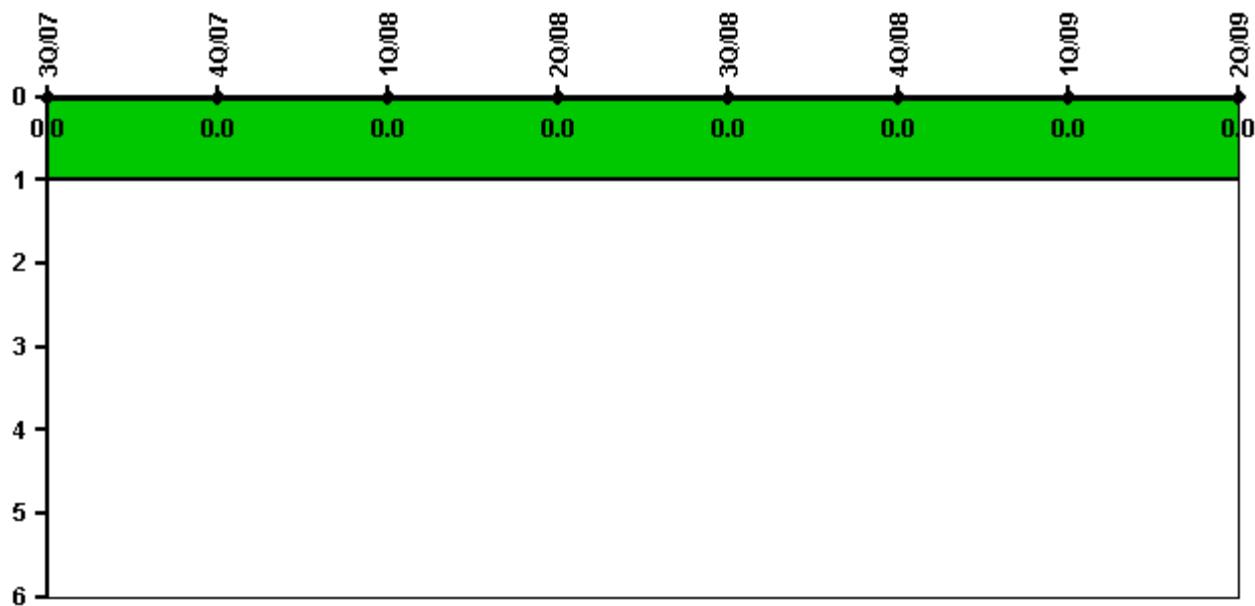
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	2183.0	2111.0	1951.0	1204.3	2159.0	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



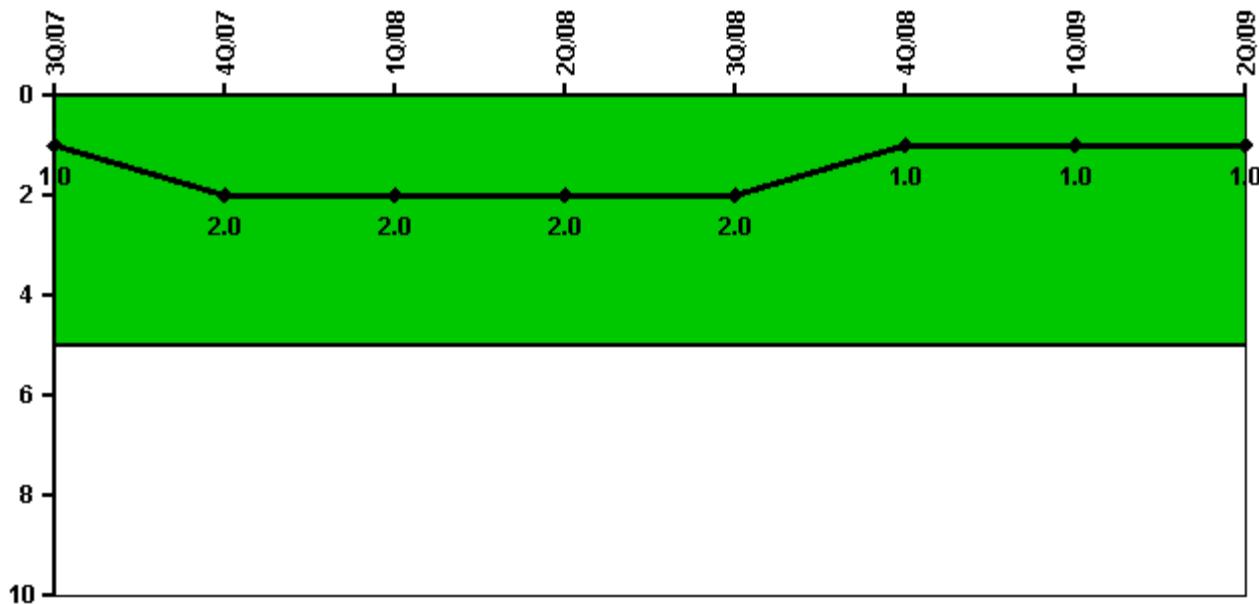
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

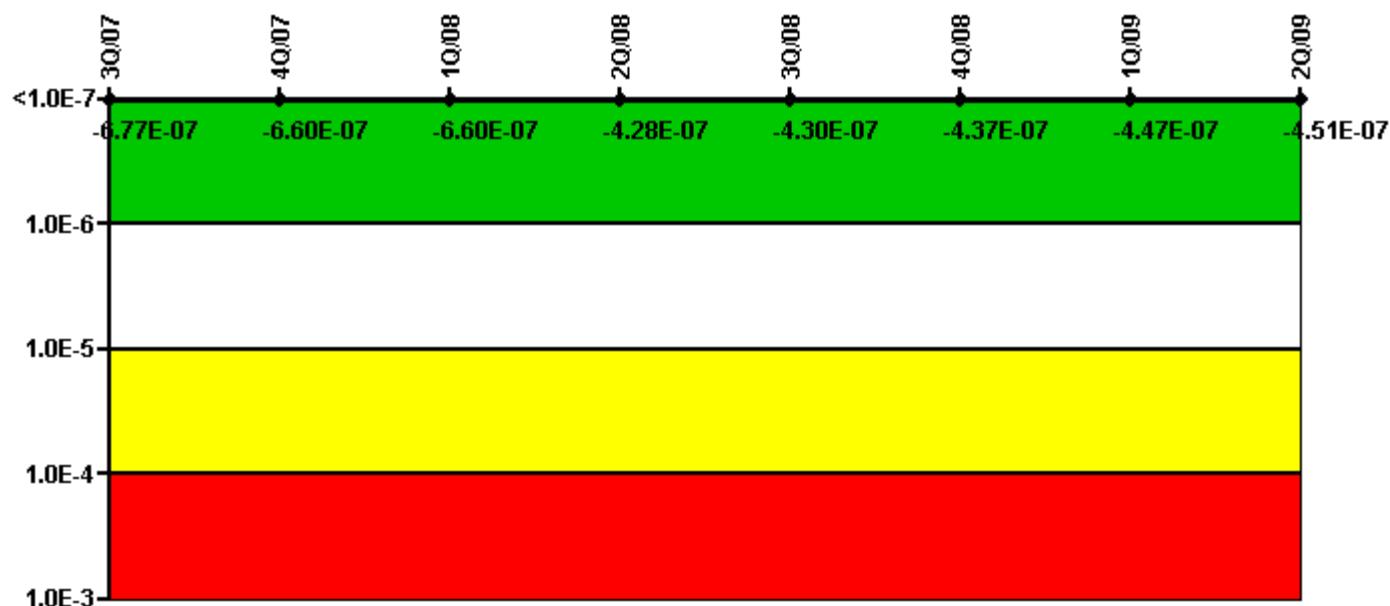
Notes

Safety System Functional Failures (PWR)	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Safety System Functional Failures	0	1	0	1	0	0	0	1
Indicator value	1	2	2	2	2	1	1	1

Licensee Comments:

2Q/09: LER 369/2009-01, Nuclear Service Water System (NSWS) "A" Trains Inoperable when aligned to the Standby Nuclear Service Water Pond (SNSWP) due to corrosion.

Mitigating Systems Performance Index, Emergency AC Power System



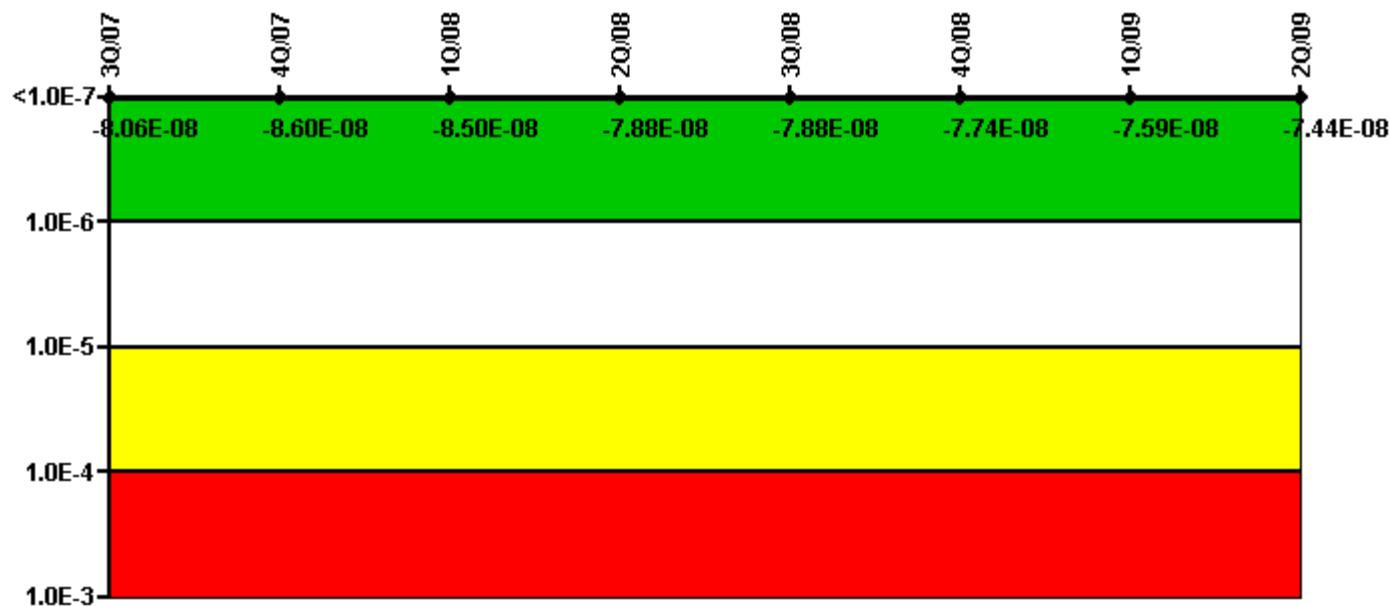
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (ΔCDF)	9.30E-08	1.10E-07	1.10E-07	7.20E-08	7.00E-08	6.30E-08	5.30E-08	4.90E-08
URI (ΔCDF)	-7.70E-07	-7.70E-07	-7.70E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO							
Indicator value	-6.77E-07	-6.60E-07	-6.60E-07	-4.28E-07	-4.30E-07	-4.37E-07	-4.47E-07	-4.51E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



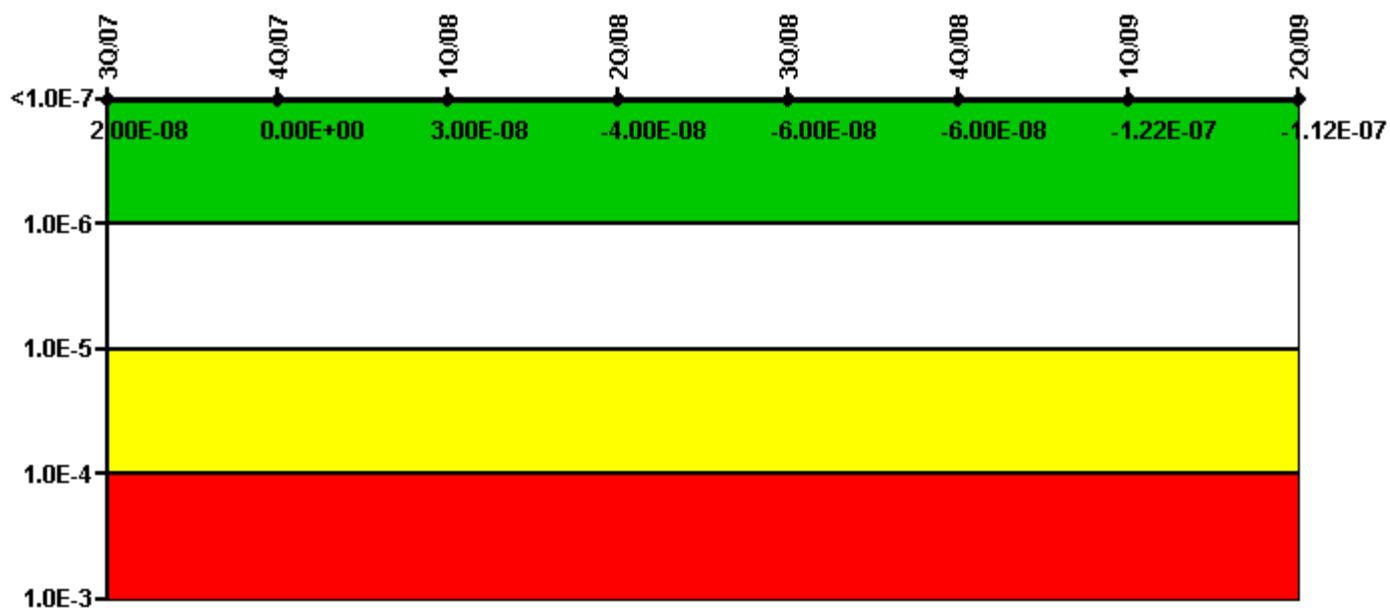
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-4.60E-09	-1.00E-08	-1.00E-08	-3.80E-09	-3.80E-09	-2.40E-09	-8.80E-10	5.60E-10
URI (Δ CDF)	-7.60E-08	-7.60E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08
PLE	NO							
Indicator value	-8.06E-08	-8.60E-08	-8.50E-08	-7.88E-08	-7.88E-08	-7.74E-08	-7.59E-08	-7.44E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



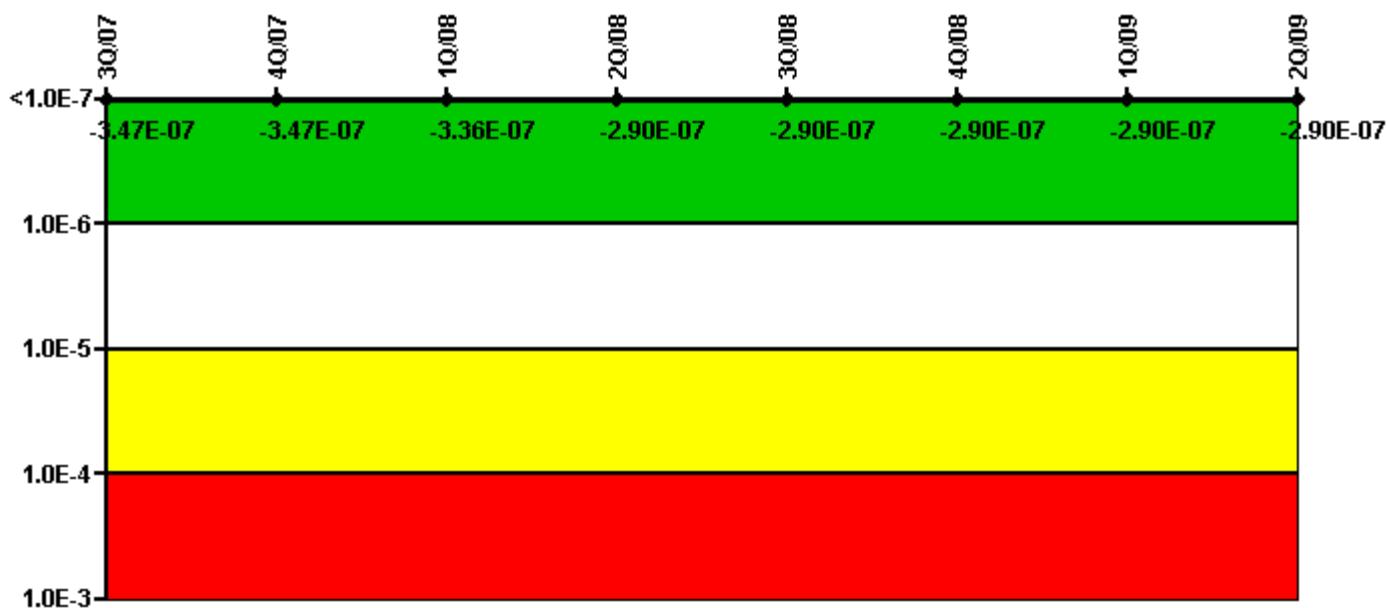
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	1.80E-07	1.60E-07	1.90E-07	1.30E-07	1.10E-07	1.10E-07	4.80E-08	5.80E-08
URI (Δ CDF)	-1.60E-07	-1.60E-07	-1.60E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO							
Indicator value	2.00E-08	0.00E+00	3.00E-08	-4.00E-08	-6.00E-08	-6.00E-08	-1.22E-07	-1.12E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



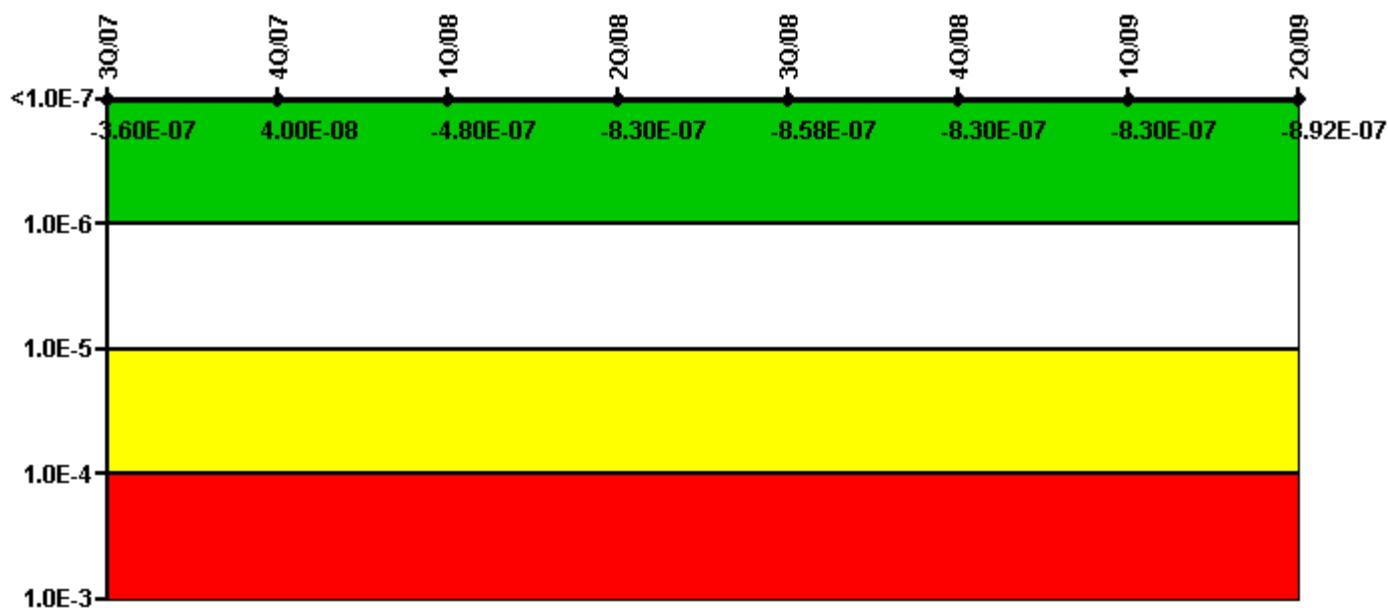
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	-7.70E-08	-7.70E-08	-7.60E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-2.70E-07	-2.70E-07	-2.60E-07	-2.60E-07	-2.60E-07	-2.60E-07	-2.60E-07	-2.60E-07
PLE	NO							
Indicator value	-3.47E-07	-3.47E-07	-3.36E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



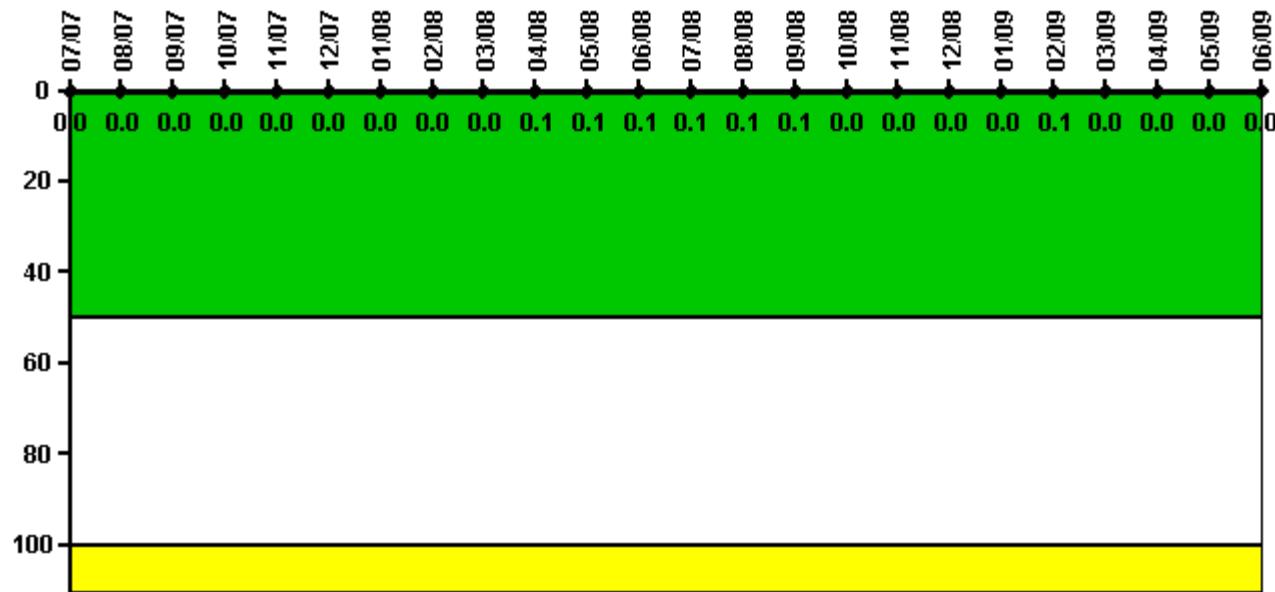
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
UAI (Δ CDF)	6.00E-07	1.00E-06	4.70E-07	1.20E-07	9.20E-08	1.20E-07	1.20E-07	5.80E-08
URI (Δ CDF)	-9.60E-07	-9.60E-07	-9.50E-07	-9.50E-07	-9.50E-07	-9.50E-07	-9.50E-07	-9.50E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.60E-07	4.00E-08	-4.80E-07	-8.30E-07	-8.58E-07	-8.30E-07	-8.30E-07	-8.92E-07

Licensee Comments: none

Reactor Coolant System Activity



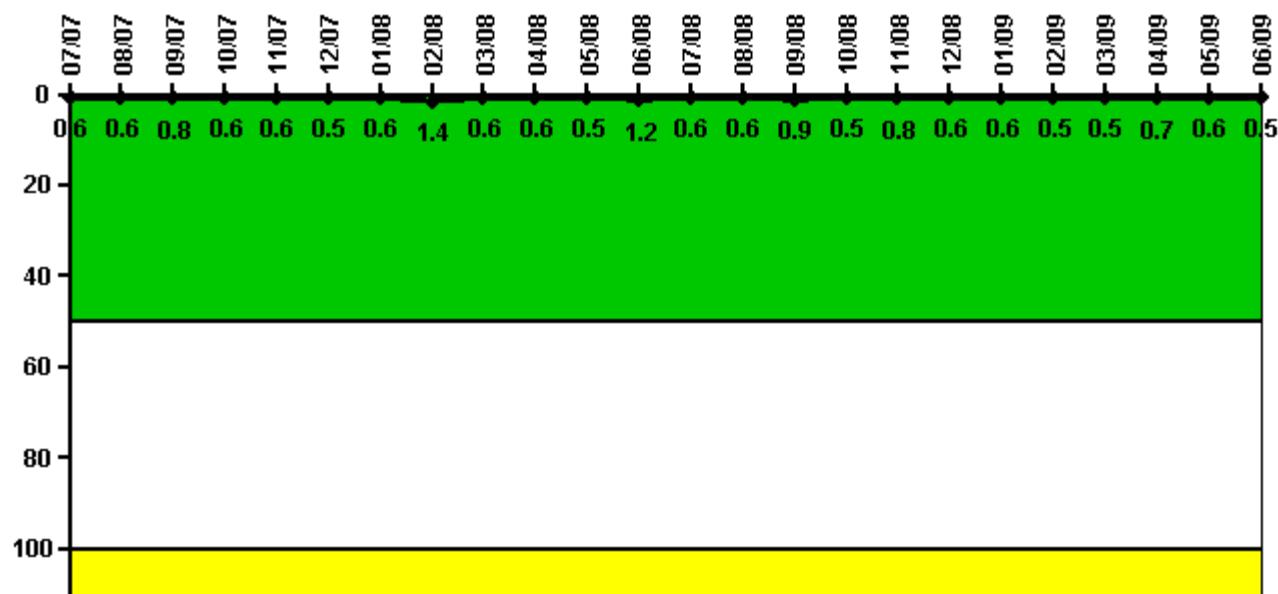
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum activity	0.000331	0.000371	0.000430	0.000419	0.000442	0.000453	0.000475	0.000496	0.000484	0.000502	0.000566	0.001298
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0.1	0.1	0.1
Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.001366	0.001200	0.000531	0	0.000292	0.000359	0.000362	0.000576	0.000419	0.000417	0.000418	0.000345
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0.1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



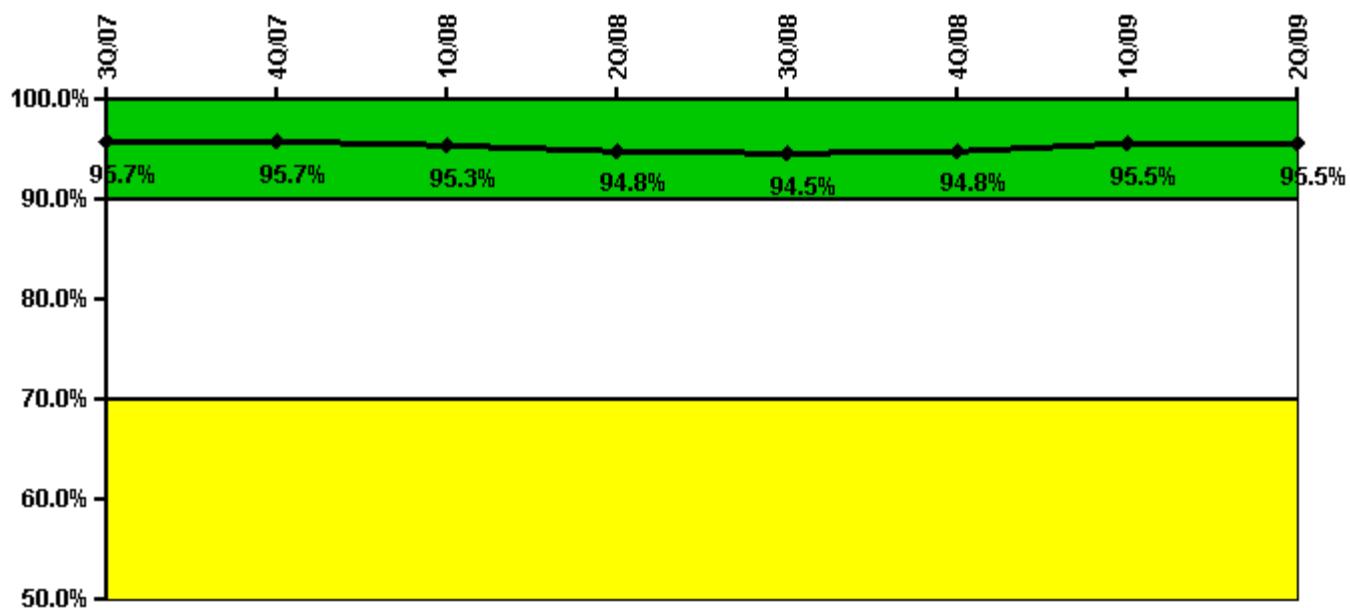
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/07	8/07	9/07	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08
Maximum leakage	0.063	0.059	0.078	0.058	0.057	0.053	0.062	0.144	0.055	0.061	0.051	0.123
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.8	0.6	0.6	0.5	0.6	1.4	0.6	0.6	0.5	1.2
Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.056	0.058	0.089	0.051	0.080	0.056	0.062	0.049	0.049	0.069	0.060	0.052
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.9	0.5	0.8	0.6	0.6	0.5	0.5	0.7	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



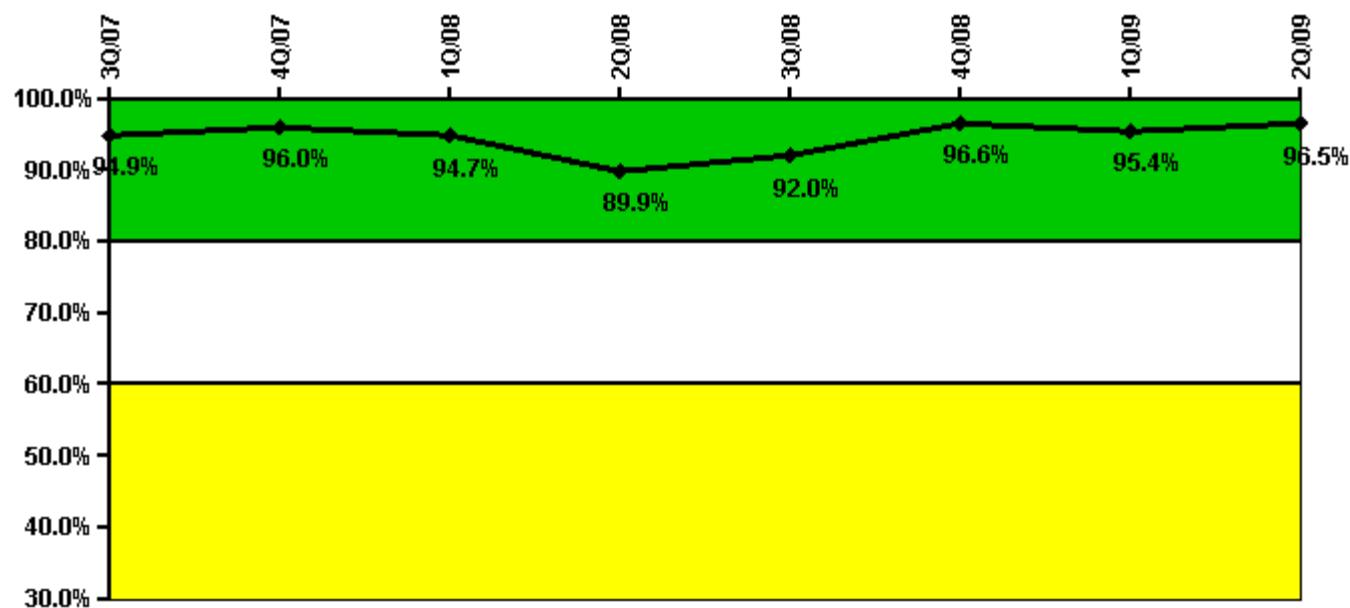
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful opportunities	21.0	63.0	6.0	17.0	15.0	45.0	8.0	18.0
Total opportunities	21.0	65.0	7.0	19.0	16.0	48.0	8.0	18.0
Indicator value	95.7%	95.7%	95.3%	94.8%	94.5%	94.8%	95.5%	95.5%

Licensee Comments: none

ERO Drill Participation



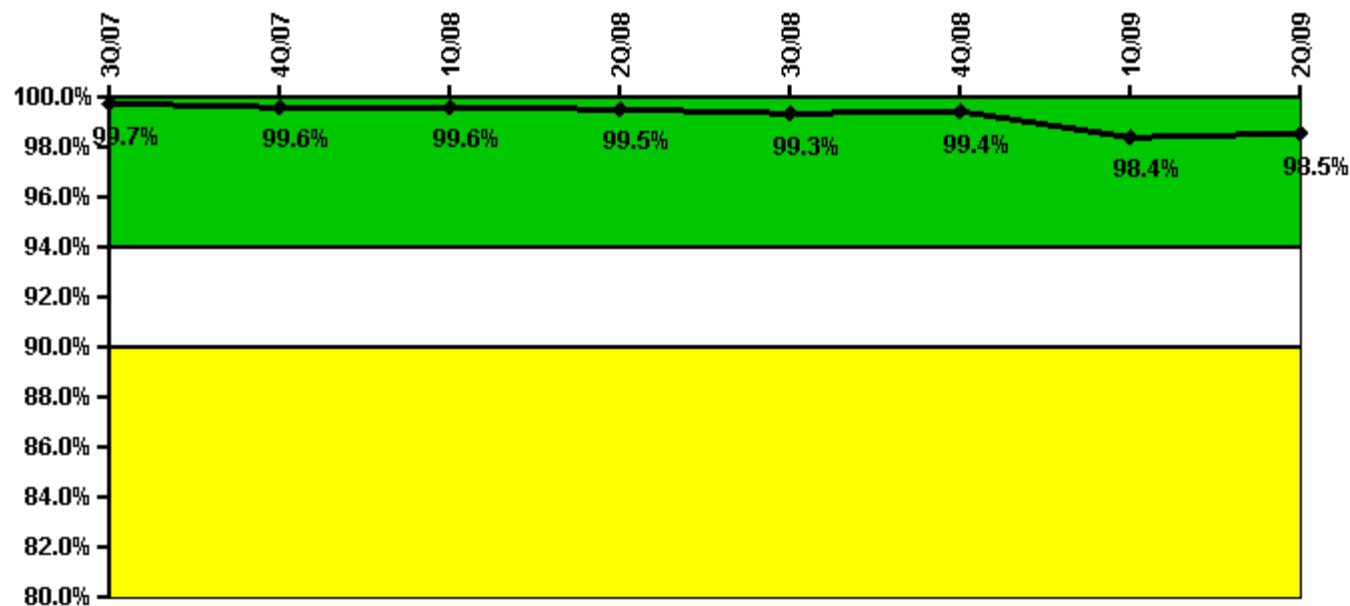
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Participating Key personnel	166.0	169.0	161.0	160.0	161.0	168.0	165.0	164.0
Total Key personnel	175.0	176.0	170.0	178.0	175.0	174.0	173.0	170.0
Indicator value	94.9%	96.0%	94.7%	89.9%	92.0%	96.6%	95.4%	96.5%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
Successful siren-tests	1801	1795	1805	1798	1852	1806	1733	1804
Total sirens-tests	1809	1809	1809	1809	1876	1809	1809	1809
Indicator value	99.7%	99.6%	99.6%	99.5%	99.3%	99.4%	98.4%	98.5%

Licensee Comments: none

Occupational Exposure Control Effectiveness



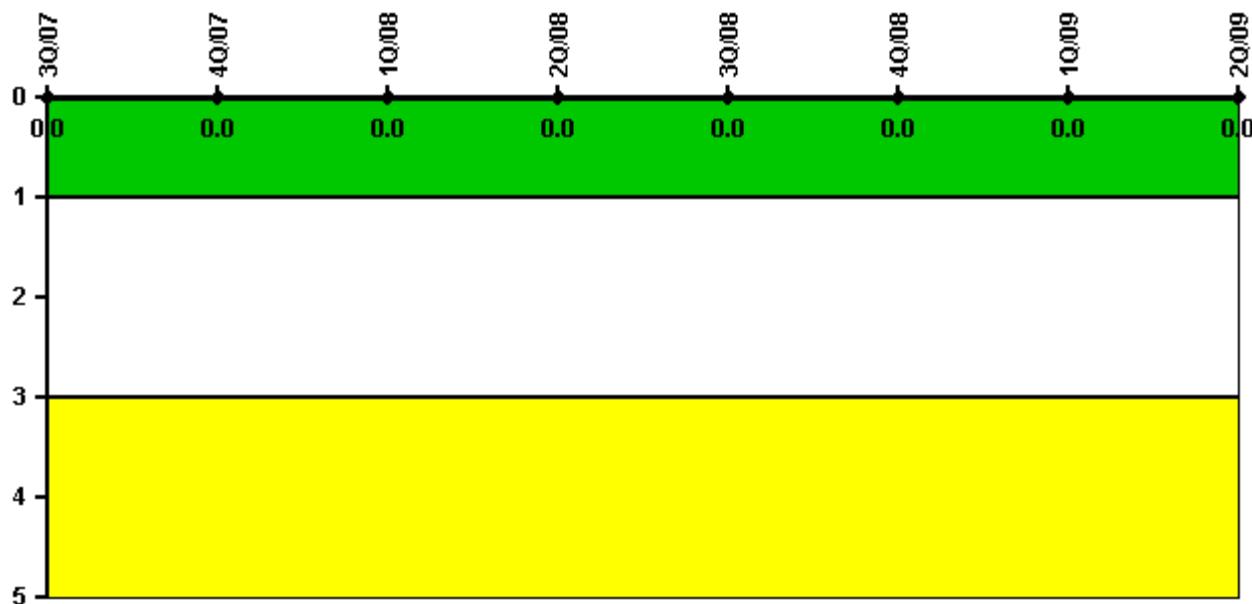
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/07	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

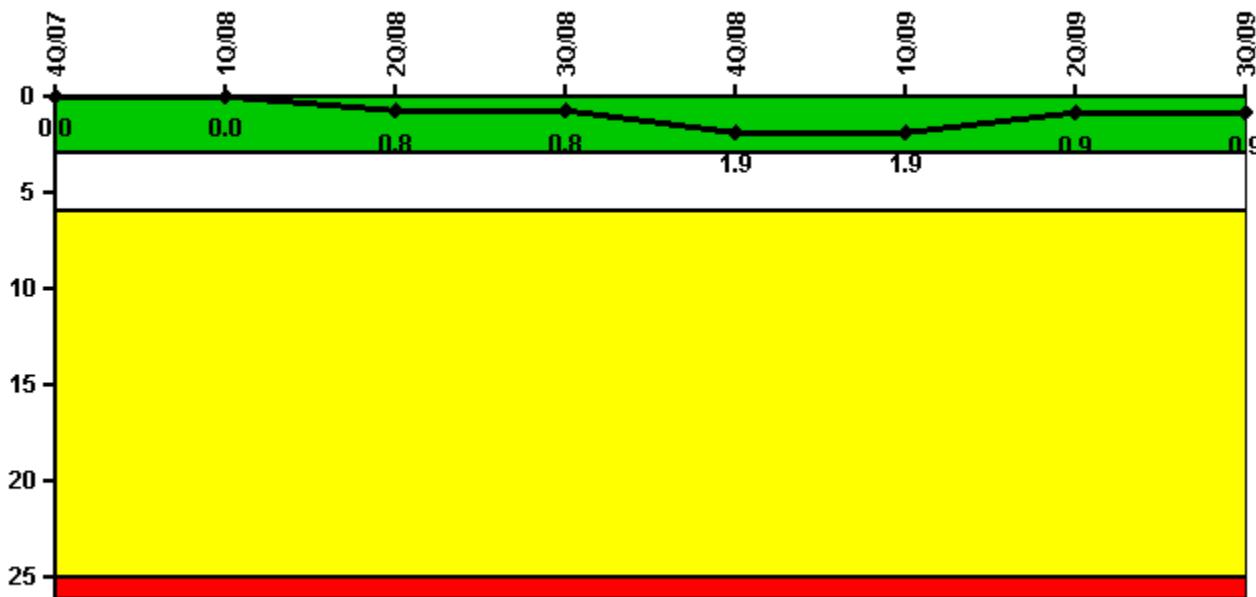
[Security](#) information not publicly available.

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3Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



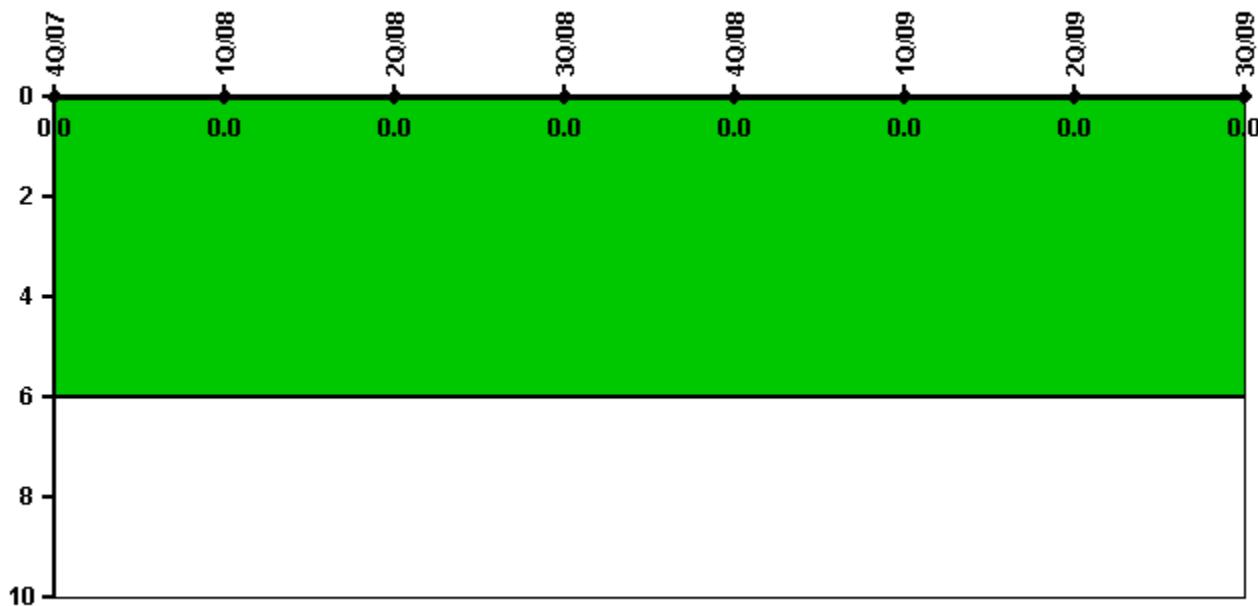
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned scrams	0	0	1.0	0	1.0	0	0	0
Critical hours	2209.0	2183.0	2111.0	1951.0	1204.3	2159.0	2184.0	2208.0
Indicator value	0	0	0.8	0.8	1.9	1.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



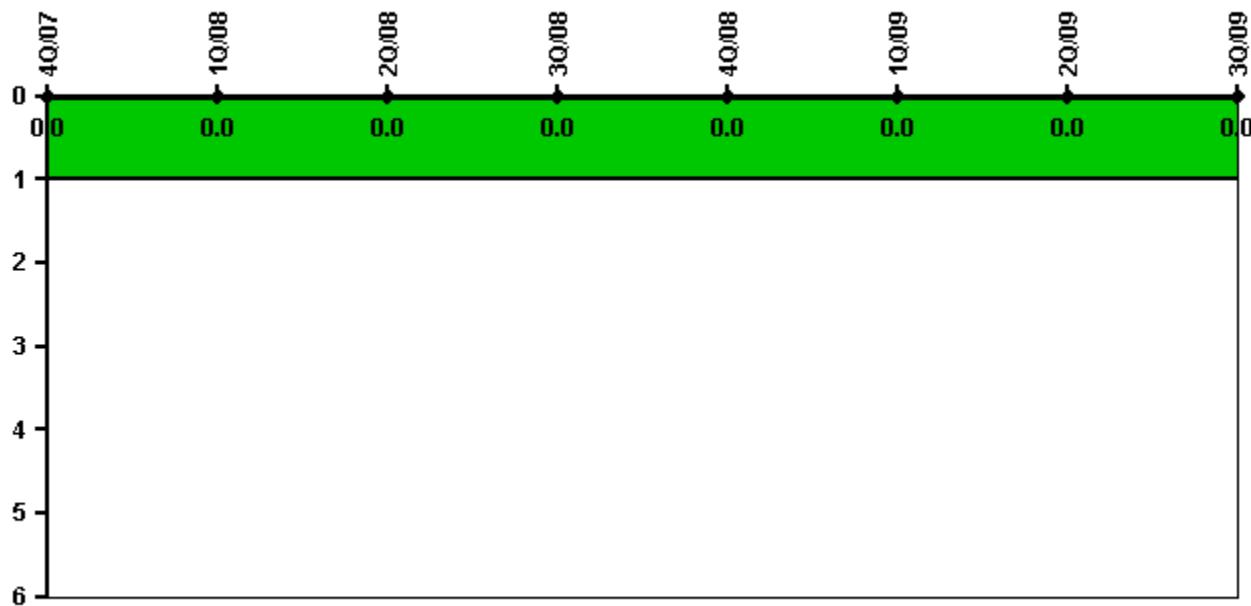
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	2183.0	2111.0	1951.0	1204.3	2159.0	2184.0	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



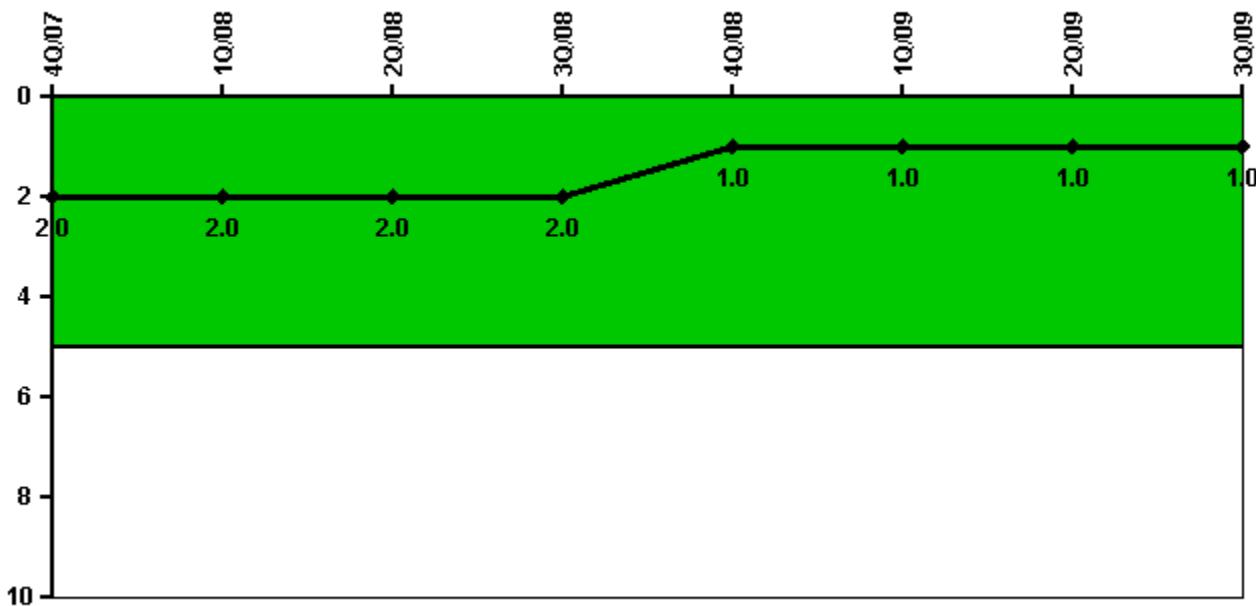
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



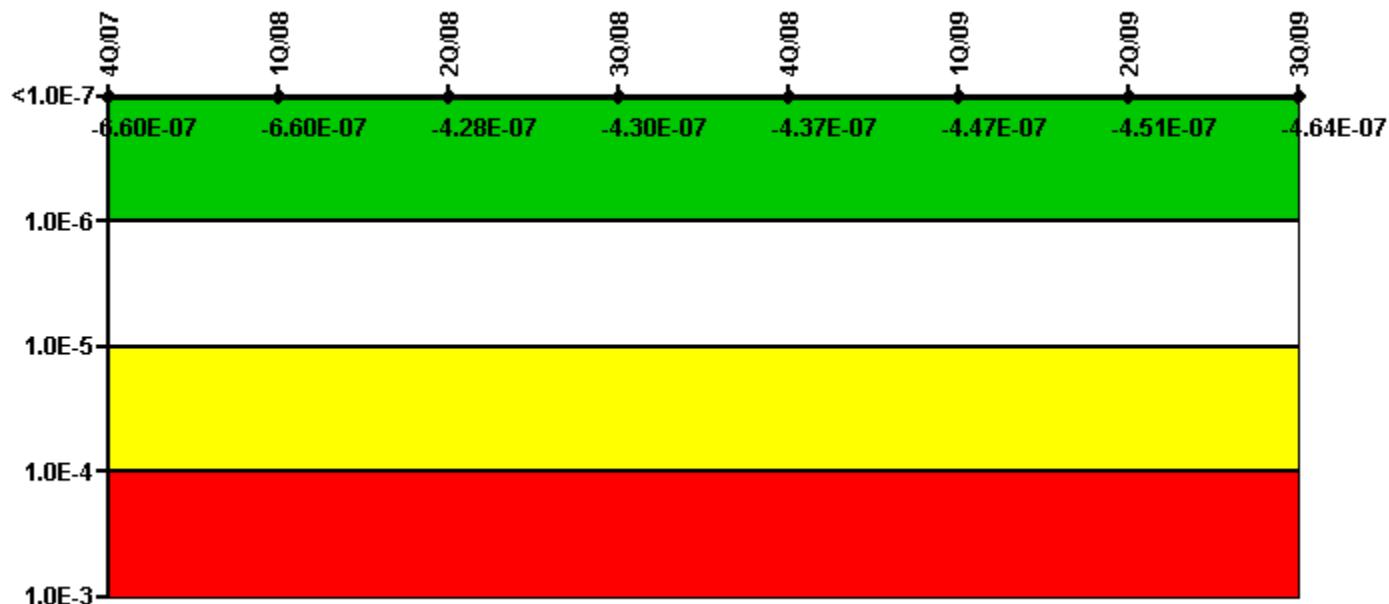
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Safety System Functional Failures	1	0	1	0	0	0	1	0
Indicator value	2	2	2	2	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



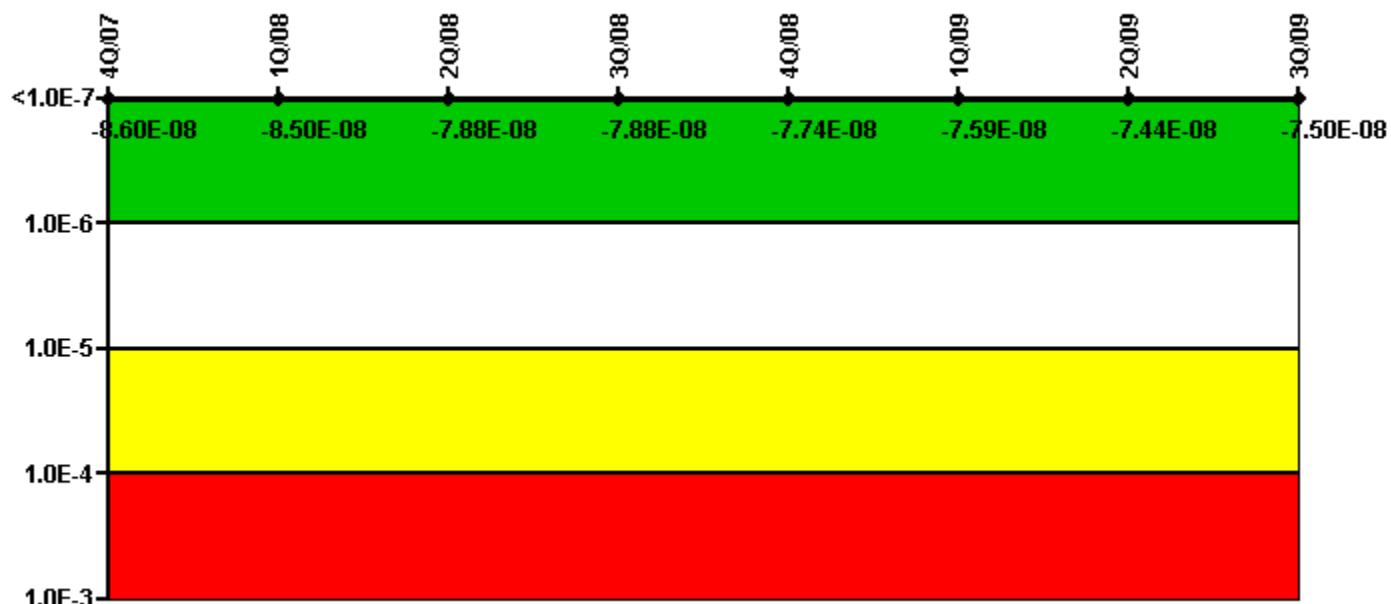
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	1.10E-07	1.10E-07	7.20E-08	7.00E-08	6.30E-08	5.30E-08	4.90E-08	3.60E-08
URI (Δ CDF)	-7.70E-07	-7.70E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07
PLE	NO							
Indicator value	-6.60E-07	-6.60E-07	-4.28E-07	-4.30E-07	-4.37E-07	-4.47E-07	-4.51E-07	-4.64E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



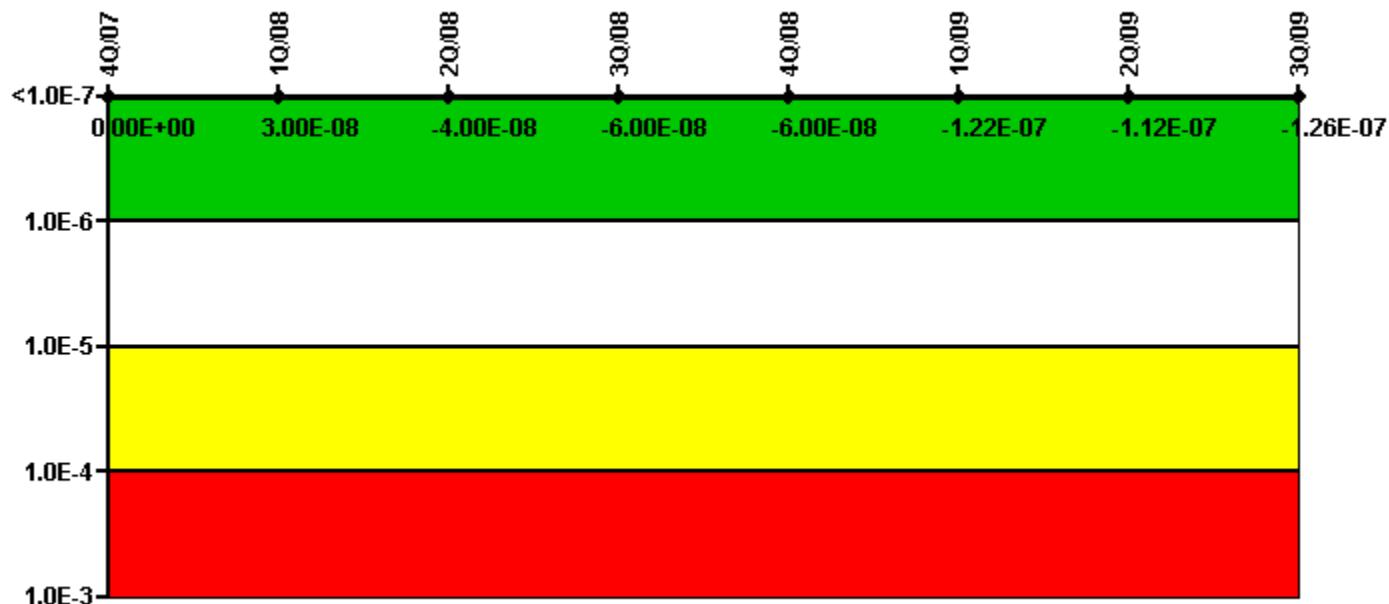
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-1.00E-08	-1.00E-08	-3.80E-09	-3.80E-09	-2.40E-09	-8.80E-10	5.60E-10	4.40E-11
URI (Δ CDF)	-7.60E-08	-7.50E-08						
PLE	NO							
Indicator value	-8.60E-08	-8.50E-08	-7.88E-08	-7.88E-08	-7.74E-08	-7.59E-08	-7.44E-08	-7.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



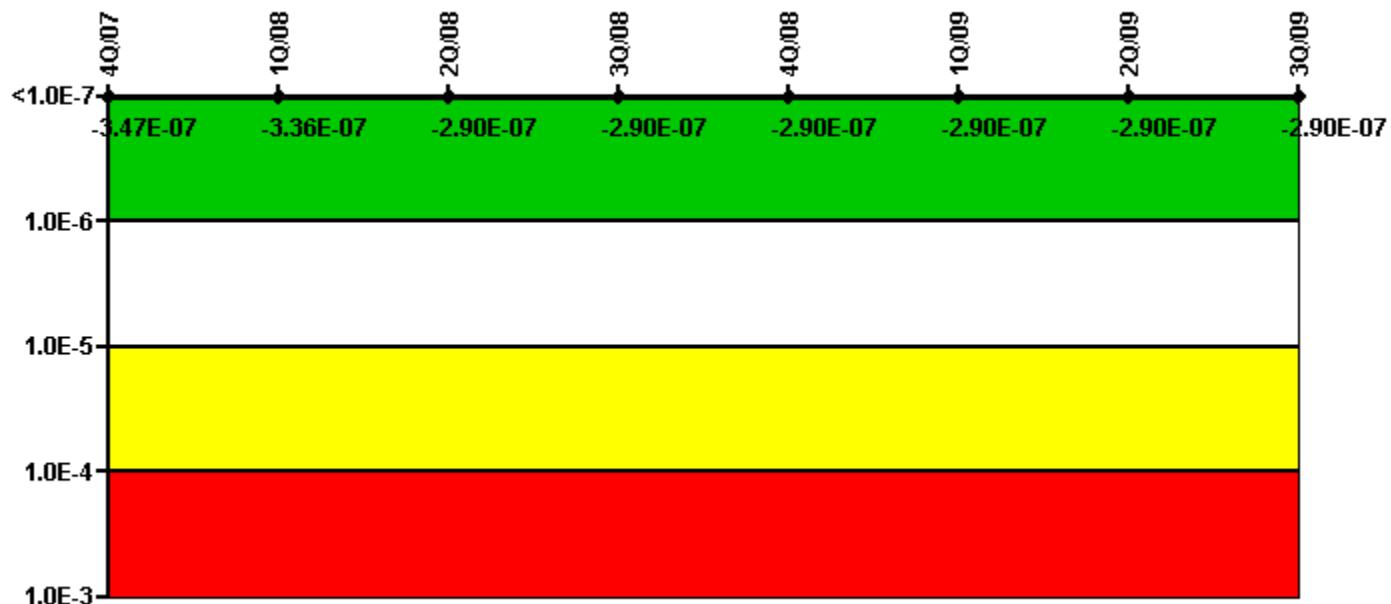
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	1.60E-07	1.90E-07	1.30E-07	1.10E-07	1.10E-07	4.80E-08	5.80E-08	4.40E-08
URI (Δ CDF)		-1.60E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	0.00E+00	3.00E-08	-4.00E-08	-6.00E-08	-6.00E-08	-1.22E-07	-1.12E-07	-1.26E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



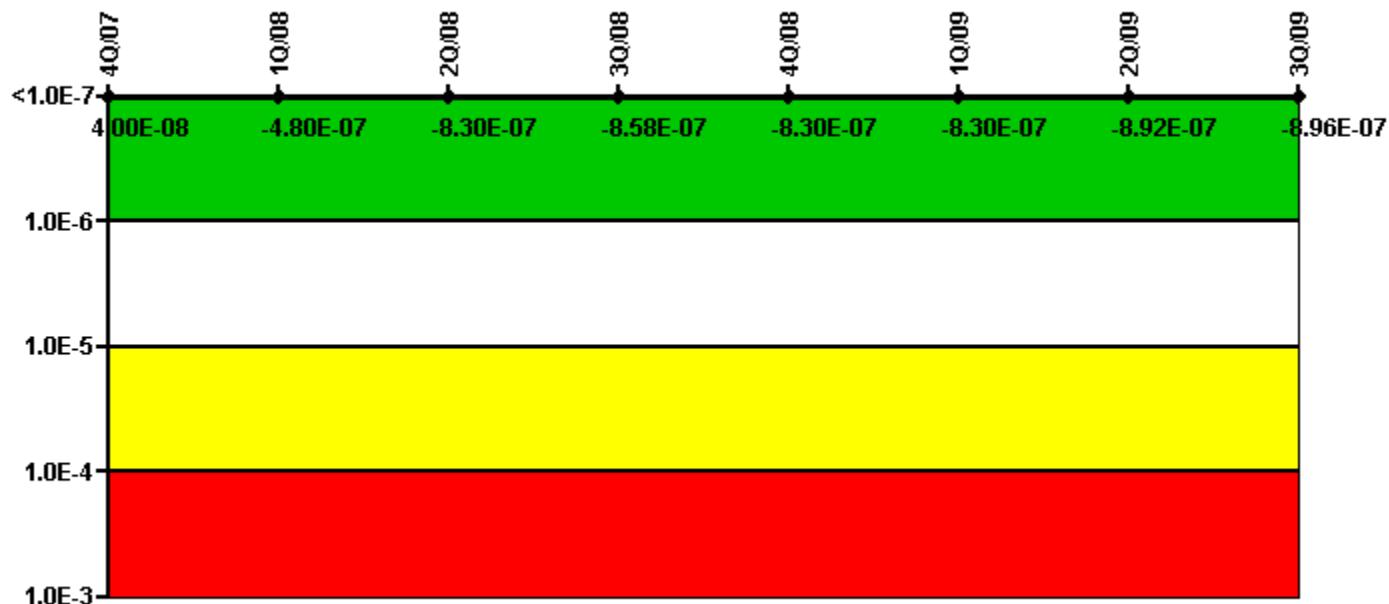
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	-7.70E-08	-7.60E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08	-3.00E-08
URI (Δ CDF)	-2.70E-07	-2.60E-07						
PLE	NO							
Indicator value	-3.47E-07	-3.36E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07	-2.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



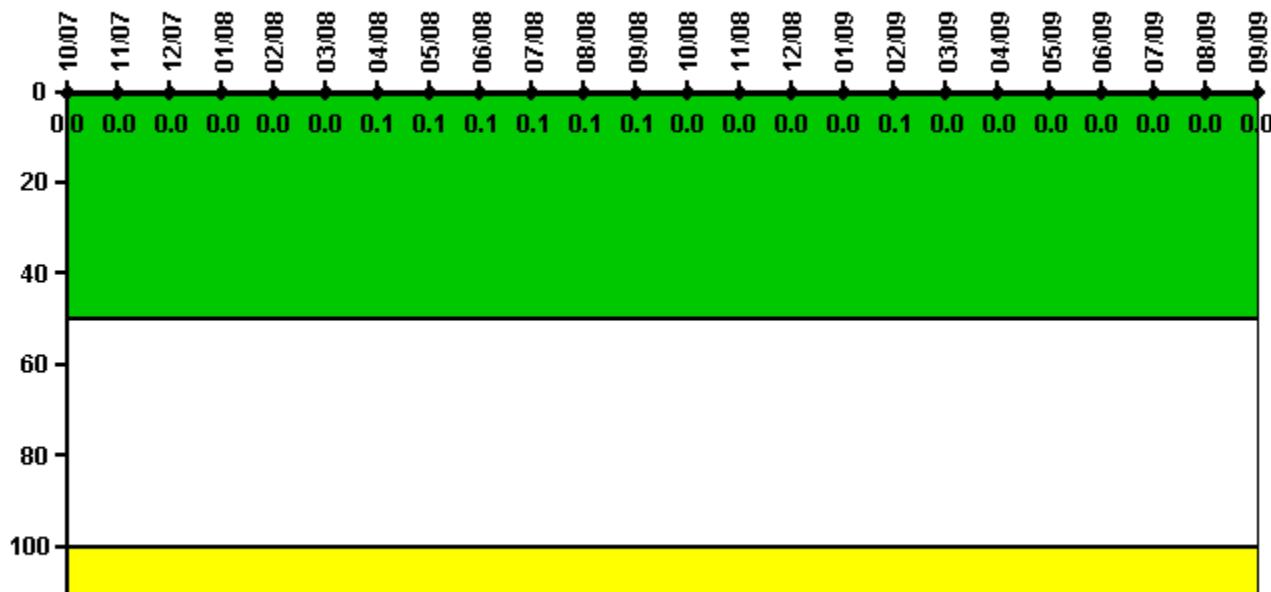
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
UAI (Δ CDF)	1.00E-06	4.70E-07	1.20E-07	9.20E-08	1.20E-07	1.20E-07	5.80E-08	5.40E-08
URI (Δ CDF)	-9.60E-07	-9.50E-07						
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	4.00E-08	-4.80E-07	-8.30E-07	-8.58E-07	-8.30E-07	-8.30E-07	-8.92E-07	-8.96E-07

Licensee Comments: none

Reactor Coolant System Activity



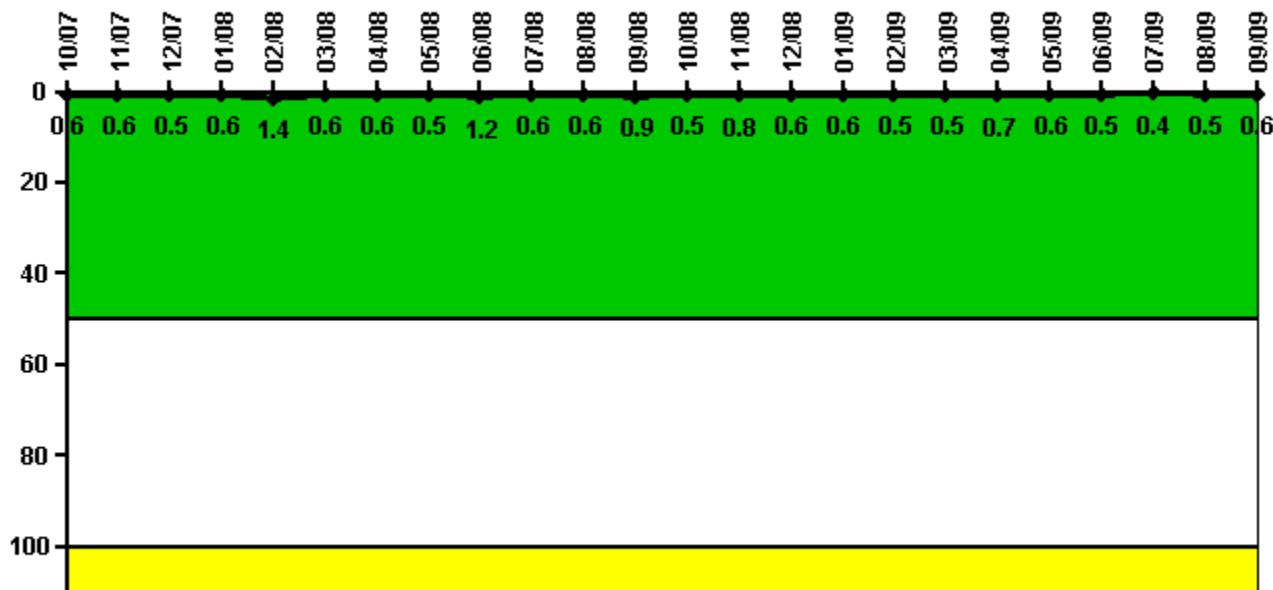
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum activity	0.000419	0.000442	0.000453	0.000475	0.000496	0.000484	0.000502	0.000566	0.001298	0.001366	0.001200	0.000531
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1
Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0	0.000292	0.000359	0.000362	0.000576	0.000419	0.000417	0.000418	0.000345	0.000390	0.000390	0.000411
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



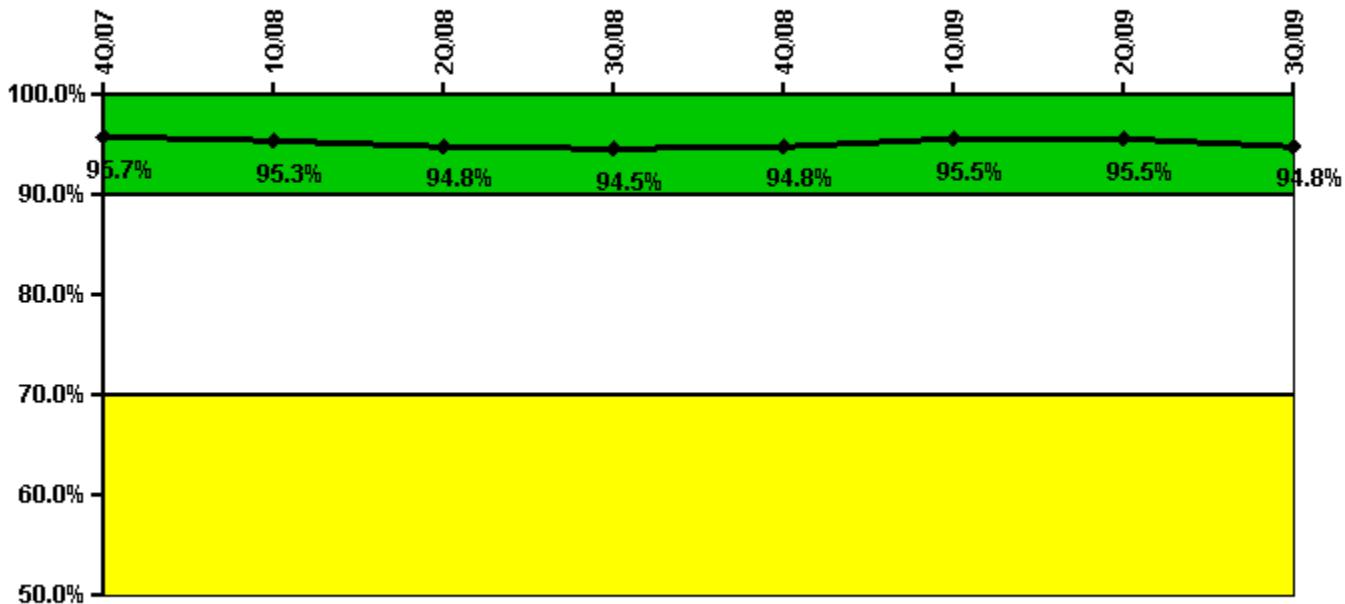
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/07	11/07	12/07	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08
Maximum leakage	0.058	0.057	0.053	0.062	0.144	0.055	0.061	0.051	0.123	0.056	0.058	0.089
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.5	0.6	1.4	0.6	0.6	0.5	1.2	0.6	0.6	0.9
Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.051	0.080	0.056	0.062	0.049	0.049	0.069	0.060	0.052	0.044	0.053	0.057
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.8	0.6	0.6	0.5	0.5	0.7	0.6	0.5	0.4	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



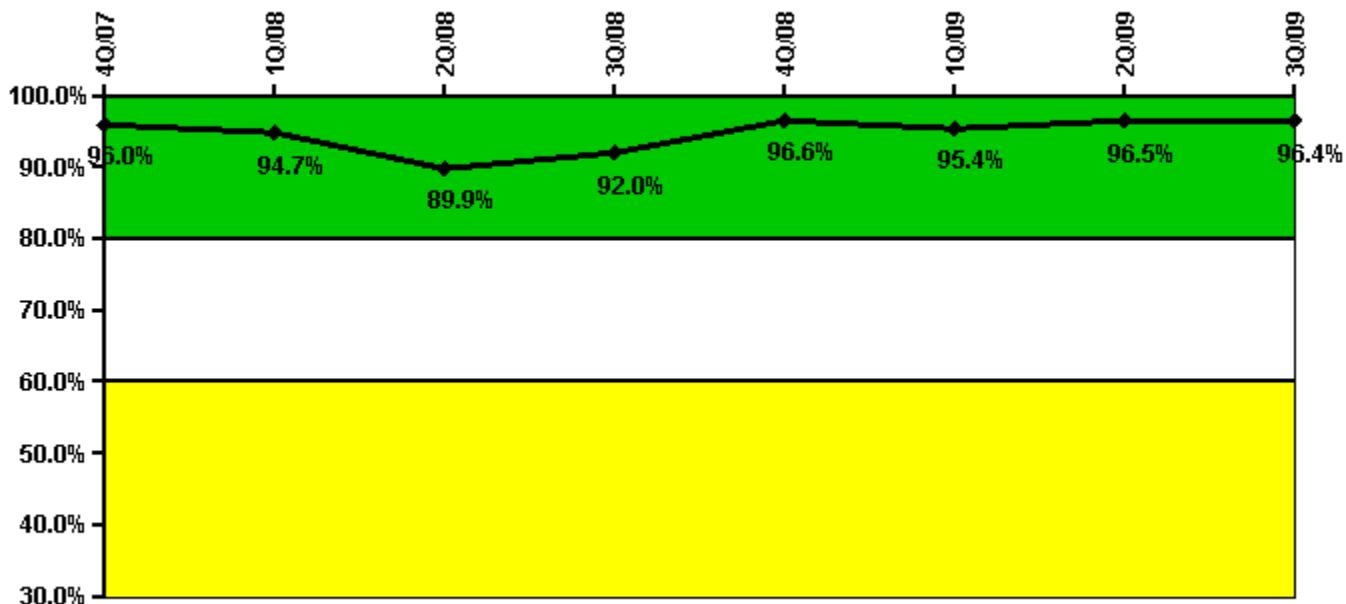
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful opportunities	63.0	6.0	17.0	15.0	45.0	8.0	18.0	11.0
Total opportunities	65.0	7.0	19.0	16.0	48.0	8.0	18.0	12.0
Indicator value	95.7%	95.3%	94.8%	94.5%	94.8%	95.5%	95.5%	94.8%

Licensee Comments: none

ERO Drill Participation



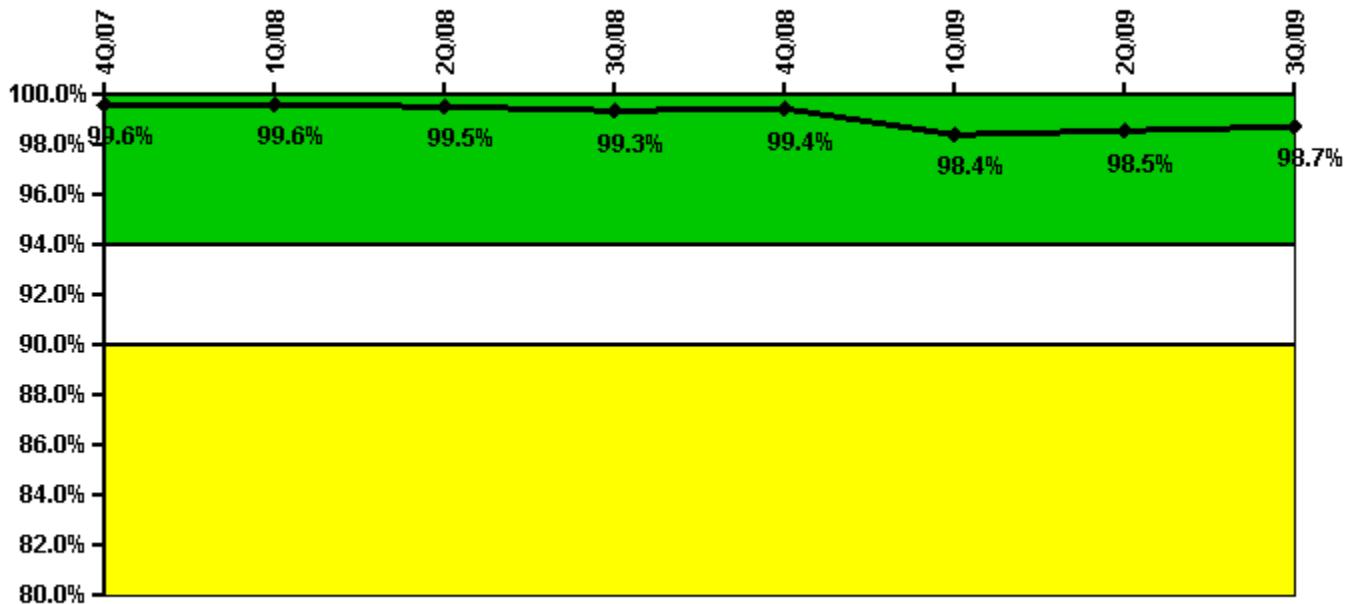
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Participating Key personnel	169.0	161.0	160.0	161.0	168.0	165.0	164.0	162.0
Total Key personnel	176.0	170.0	178.0	175.0	174.0	173.0	170.0	168.0
Indicator value	96.0%	94.7%	89.9%	92.0%	96.6%	95.4%	96.5%	96.4%

Licensee Comments: none

Alert & Notification System



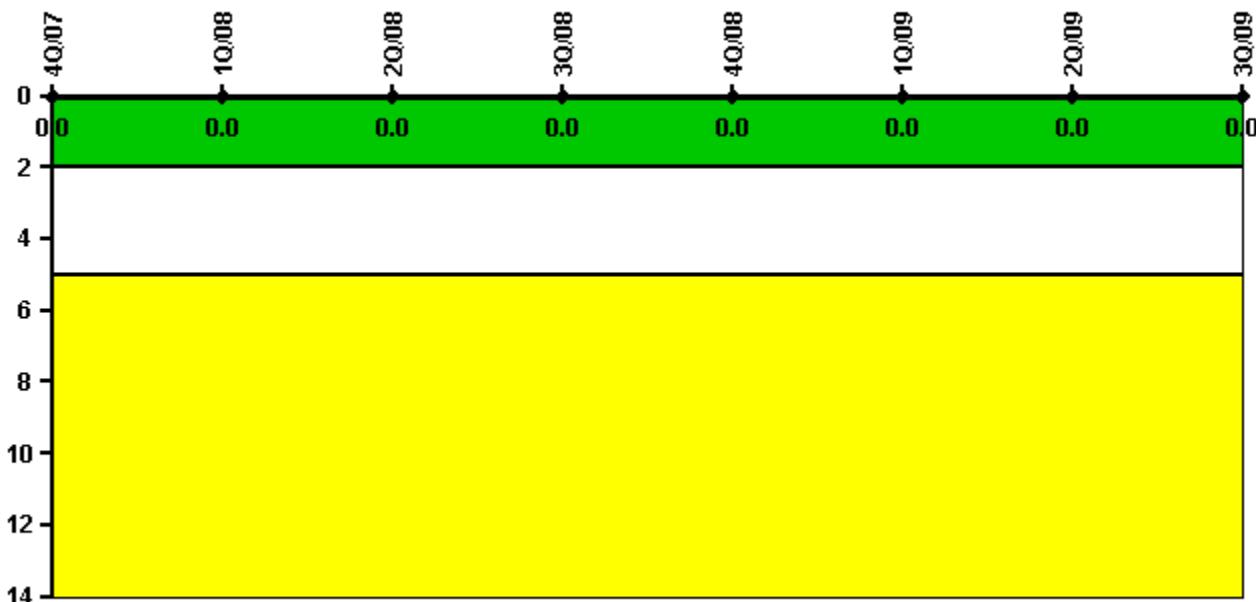
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
Successful siren-tests	1795	1805	1798	1852	1806	1733	1804	1799
Total sirens-tests	1809	1809	1809	1876	1809	1809	1809	1809
Indicator value	99.6%	99.6%	99.5%	99.3%	99.4%	98.4%	98.5%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



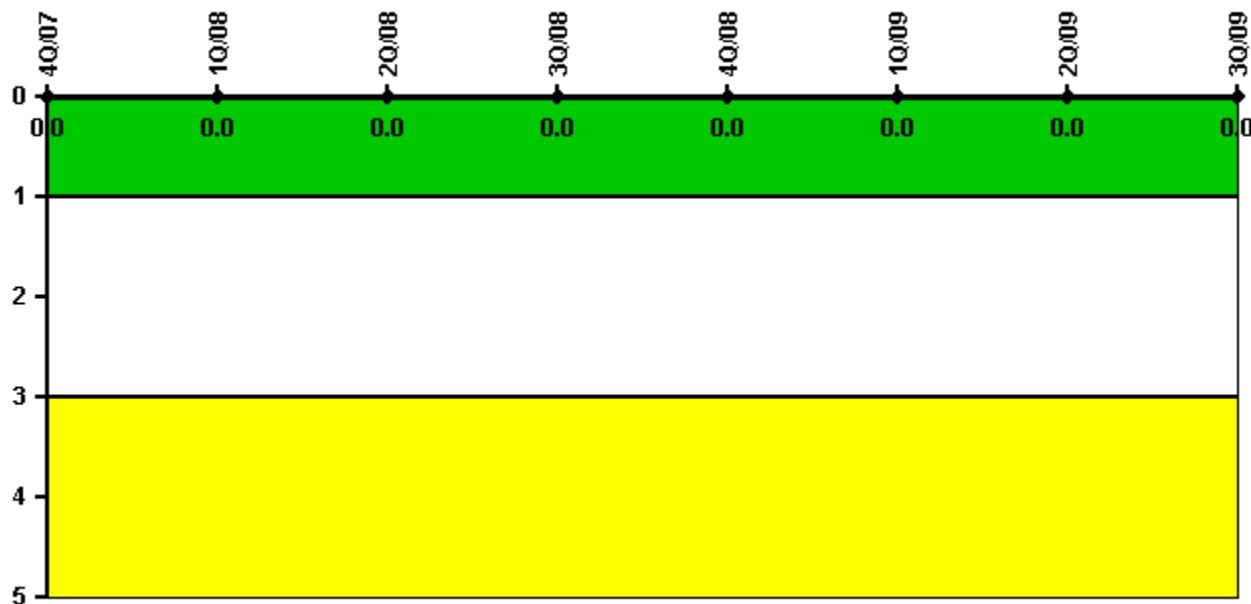
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/07	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

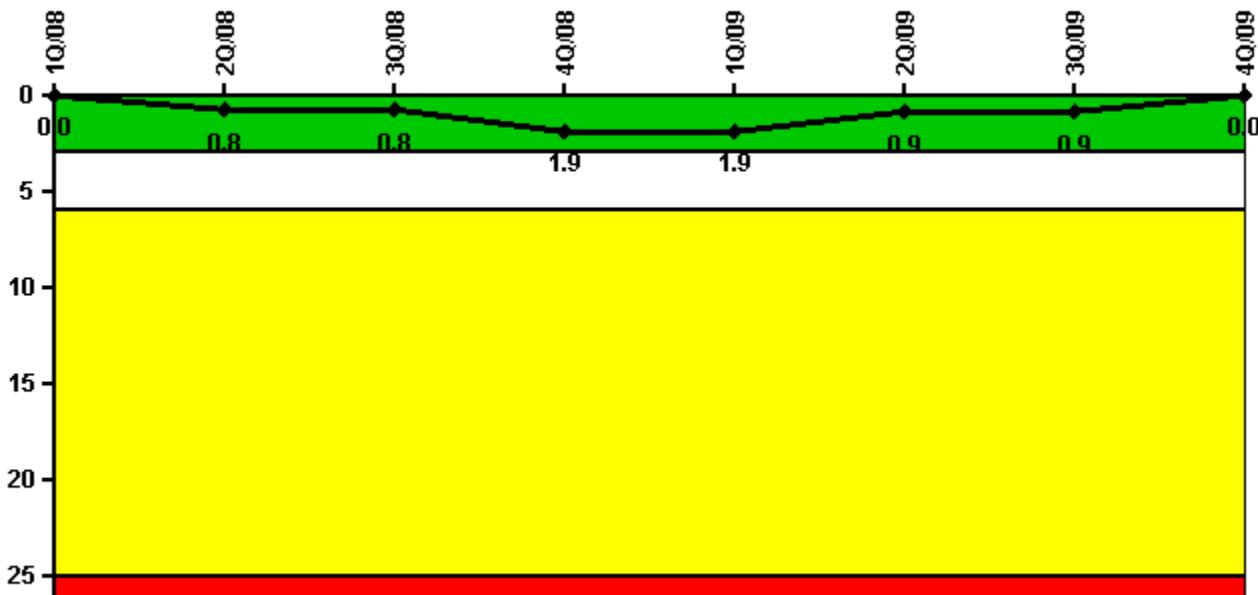
[Security](#) information not publicly available.

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4Q/2009 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



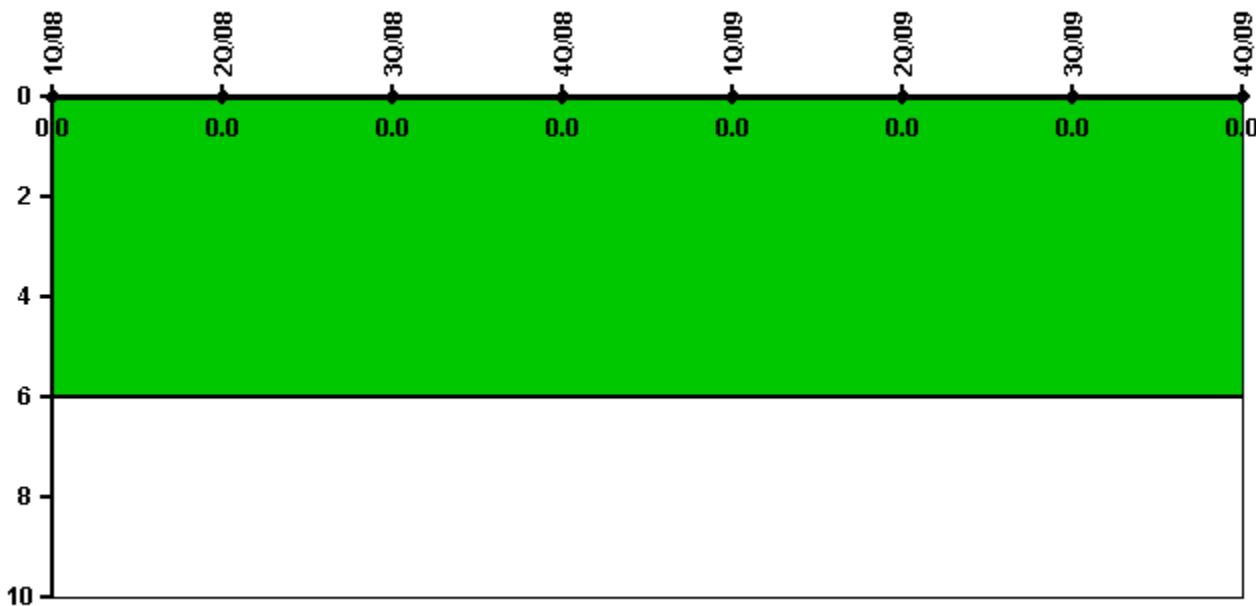
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned scrams	0	1.0	0	1.0	0	0	0	0
Critical hours	2183.0	2111.0	1951.0	1204.3	2159.0	2184.0	2208.0	2209.0
Indicator value	0	0.8	0.8	1.9	1.9	0.9	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



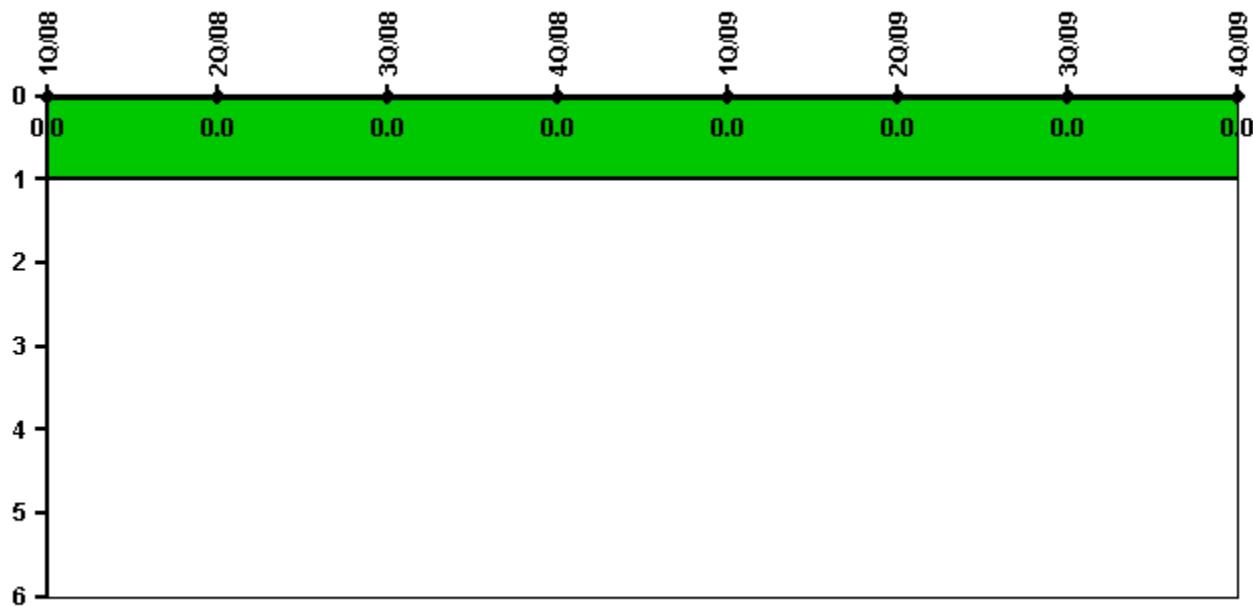
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2111.0	1951.0	1204.3	2159.0	2184.0	2208.0	2209.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



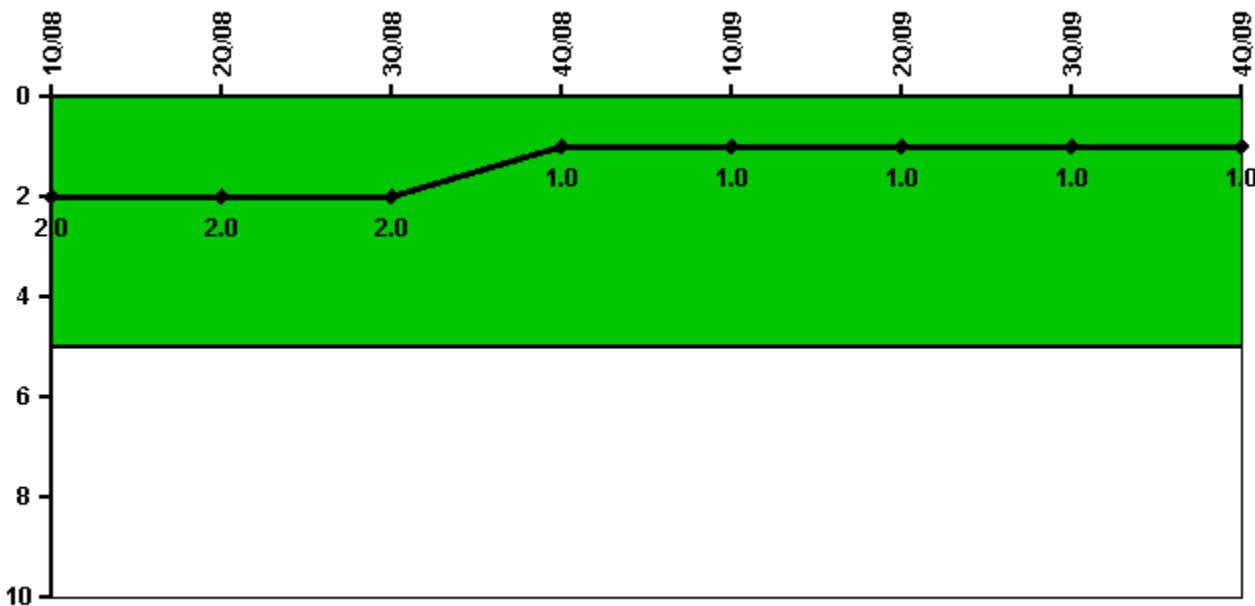
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



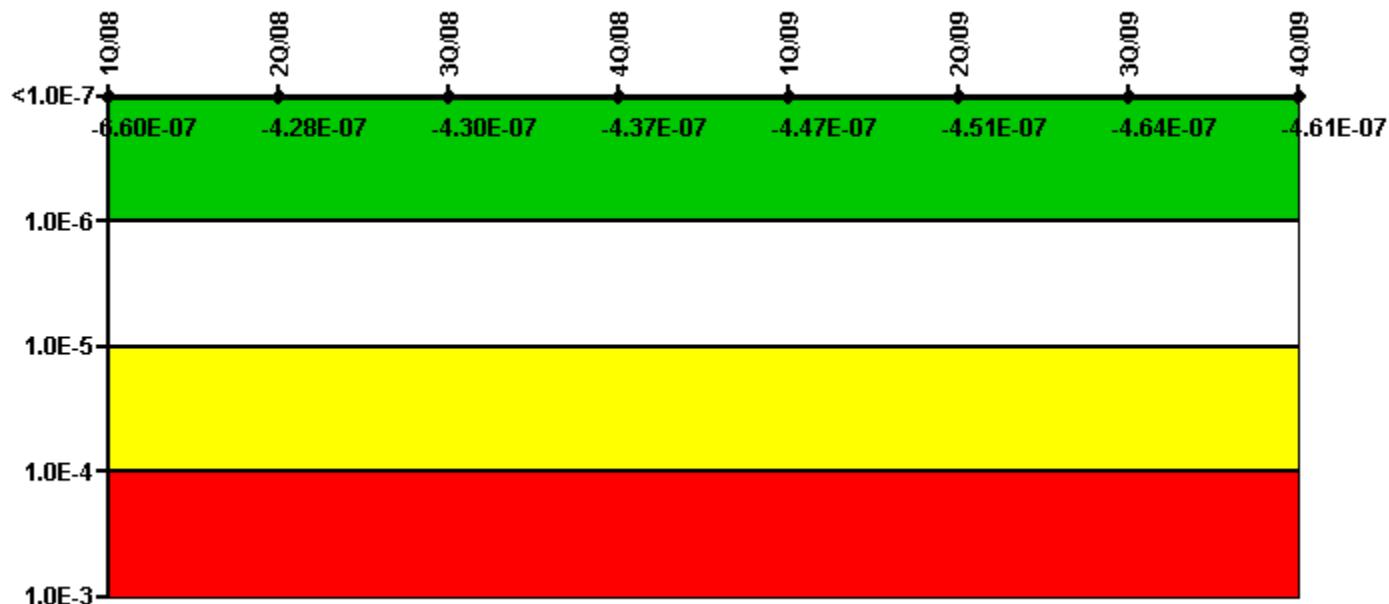
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Safety System Functional Failures	0	1	0	0	0	1	0	0
Indicator value	2	2	2	1	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	1.10E-07	7.20E-08	7.00E-08	6.30E-08	5.30E-08	4.90E-08	3.60E-08	3.90E-08
URI (Δ CDF)	-7.70E-07	-5.00E-07						
PLE	NO							
Indicator value	-6.60E-07	-4.28E-07	-4.30E-07	-4.37E-07	-4.47E-07	-4.51E-07	-4.64E-07	-4.61E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



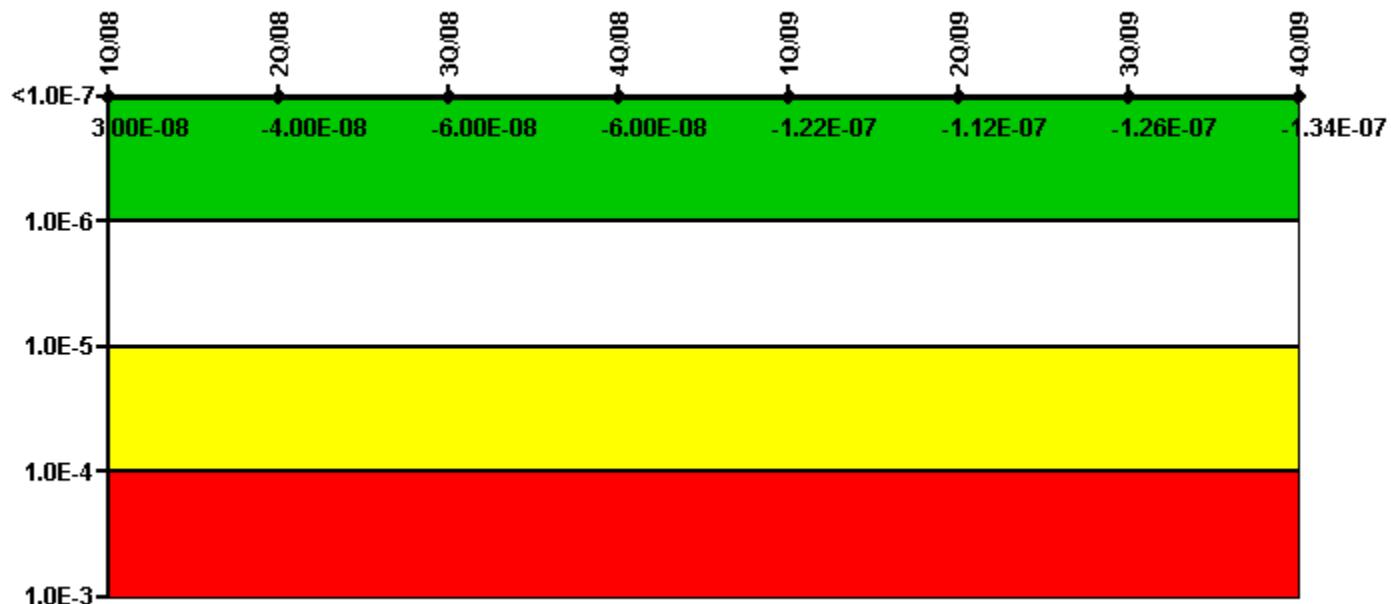
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-1.00E-08	-3.80E-09	-3.80E-09	-2.40E-09	-8.80E-10	5.60E-10	4.40E-11	2.80E-09
URI (Δ CDF)	-7.50E-08							
PLE	NO							
Indicator value	-8.50E-08	-7.88E-08	-7.88E-08	-7.74E-08	-7.59E-08	-7.44E-08	-7.50E-08	-7.22E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



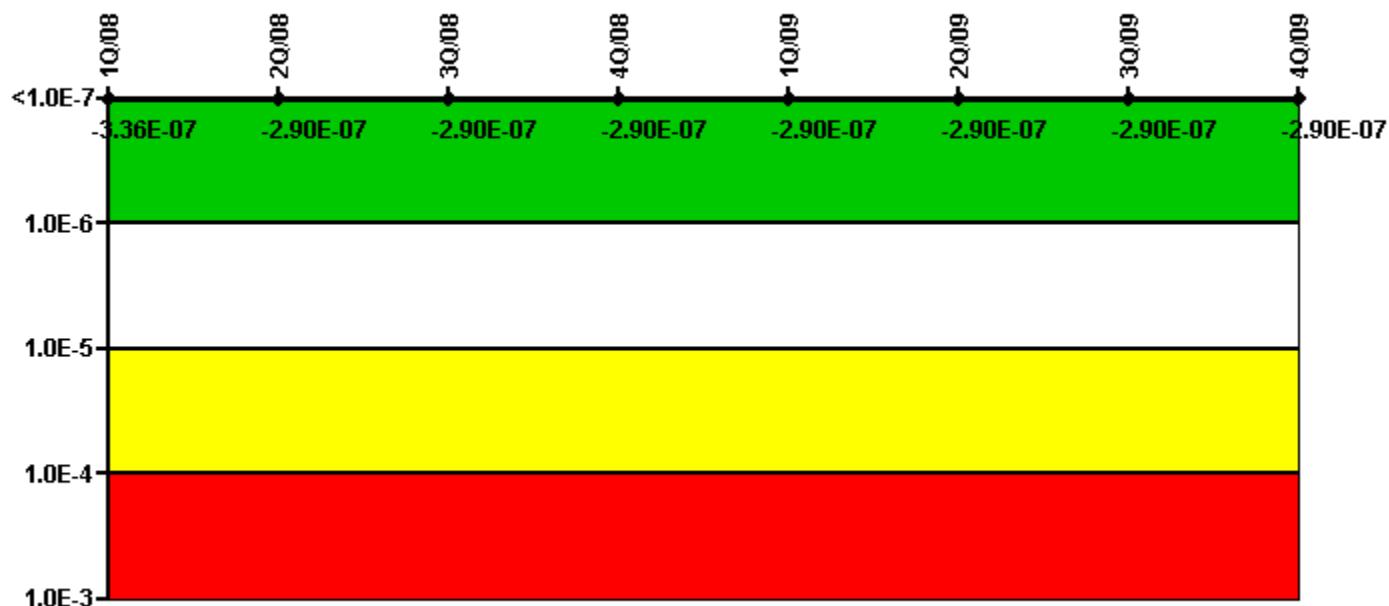
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	1.90E-07	1.30E-07	1.10E-07	1.10E-07	4.80E-08	5.80E-08	4.40E-08	3.60E-08
URI (Δ CDF)	-1.60E-07	-1.70E-07						
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	3.00E-08	-4.00E-08	-6.00E-08	-6.00E-08	-1.22E-07	-1.12E-07	-1.26E-07	-1.34E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



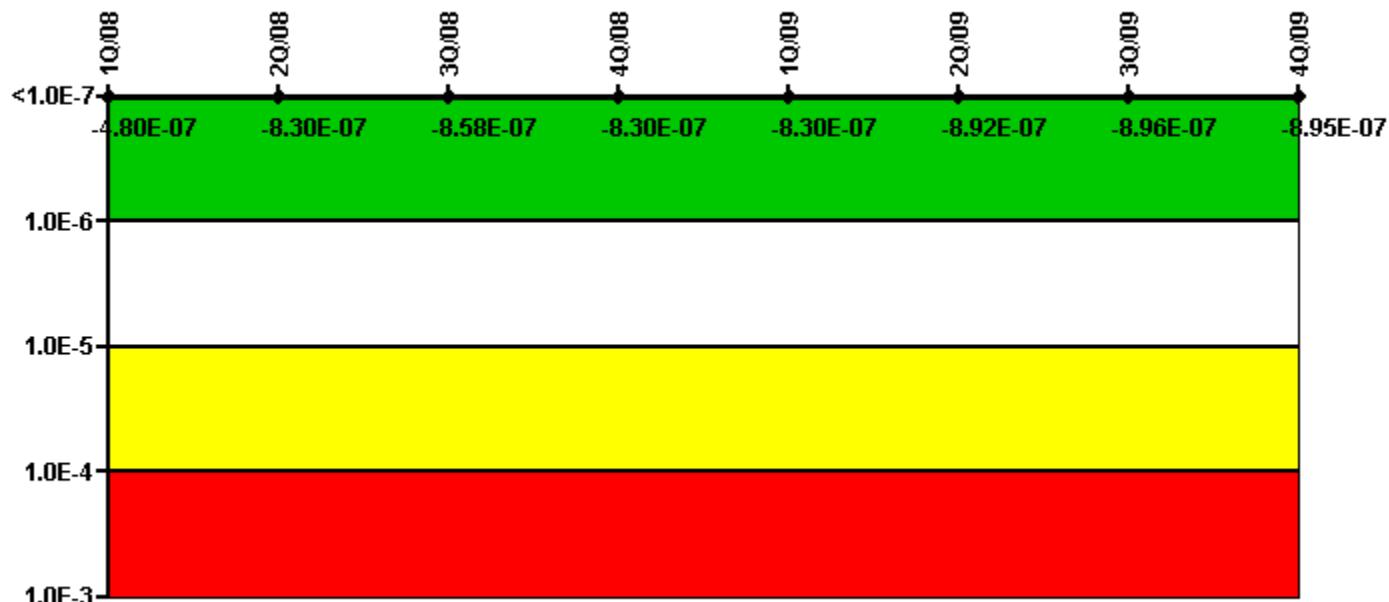
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	-7.60E-08	-3.00E-08						
URI (Δ CDF)	-2.60E-07							
PLE	NO							
Indicator value	-3.36E-07	-2.90E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



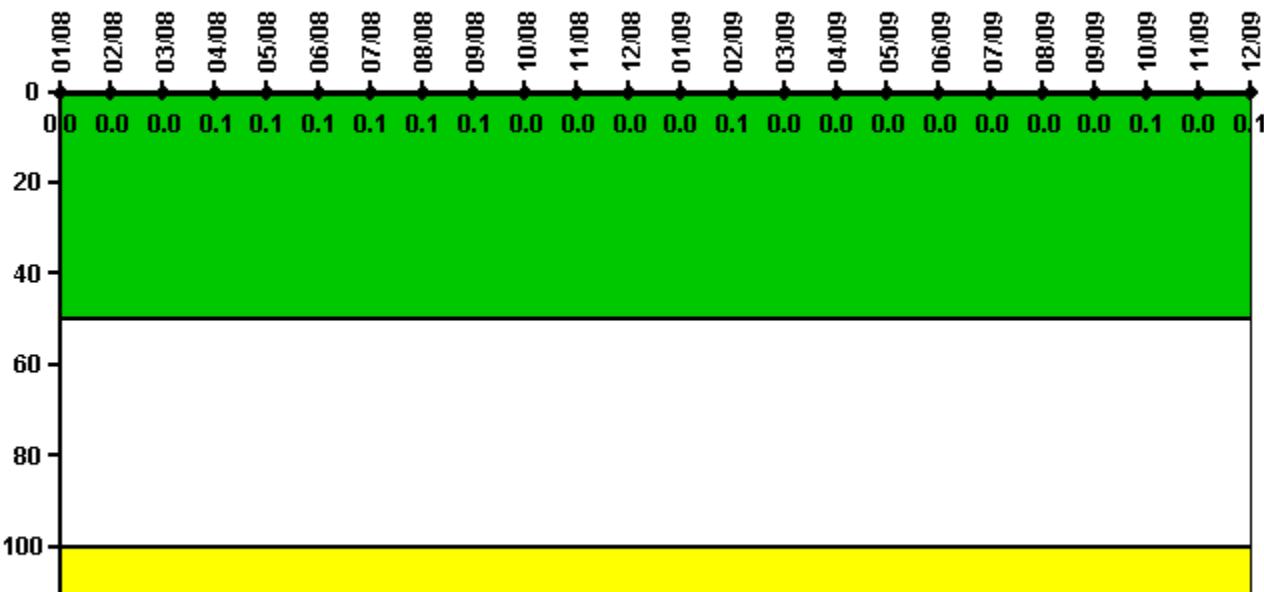
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
UAI (Δ CDF)	4.70E-07	1.20E-07	9.20E-08	1.20E-07	1.20E-07	5.80E-08	5.40E-08	5.50E-08
URI (Δ CDF)	-9.50E-07							
PLE	NO							
Indicator value	-4.80E-07	-8.30E-07	-8.58E-07	-8.30E-07	-8.30E-07	-8.92E-07	-8.96E-07	-8.95E-07

Licensee Comments: none

Reactor Coolant System Activity



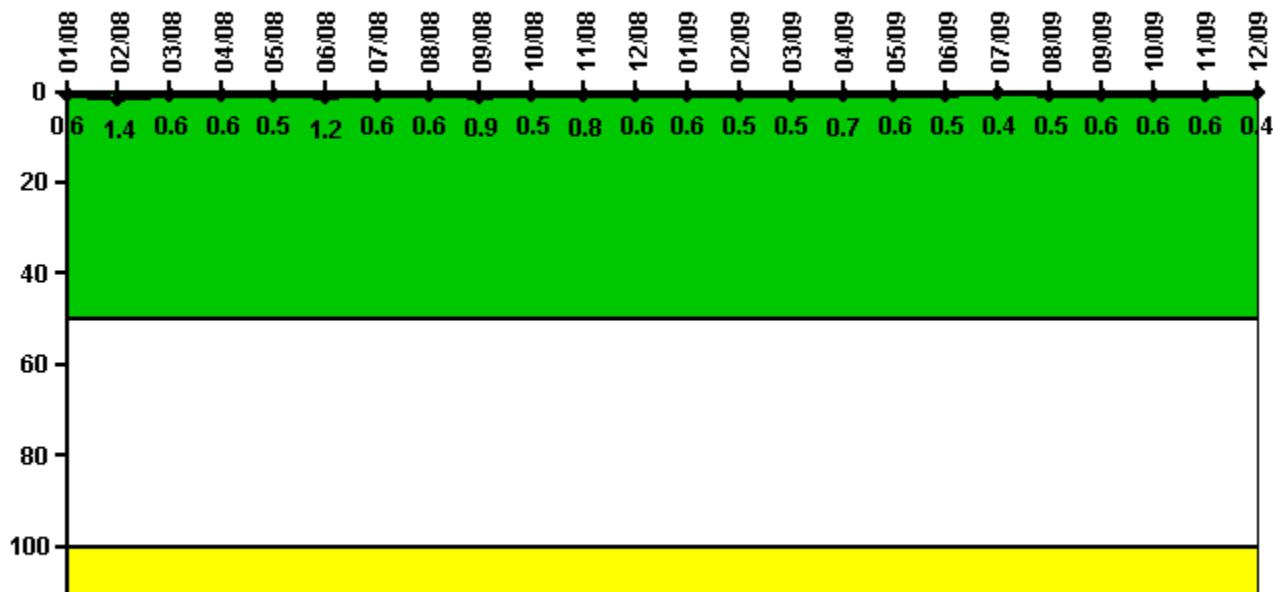
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum activity	0.000475	0.000496	0.000484	0.000502	0.000566	0.001298	0.001366	0.001200	0.000531	0	0.000292	0.000359
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0
Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000362	0.000576	0.000419	0.000417	0.000418	0.000345	0.000390	0.000390	0.000411	0.001241	0.000484	0.000631
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0	0	0	0	0	0	0.1	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



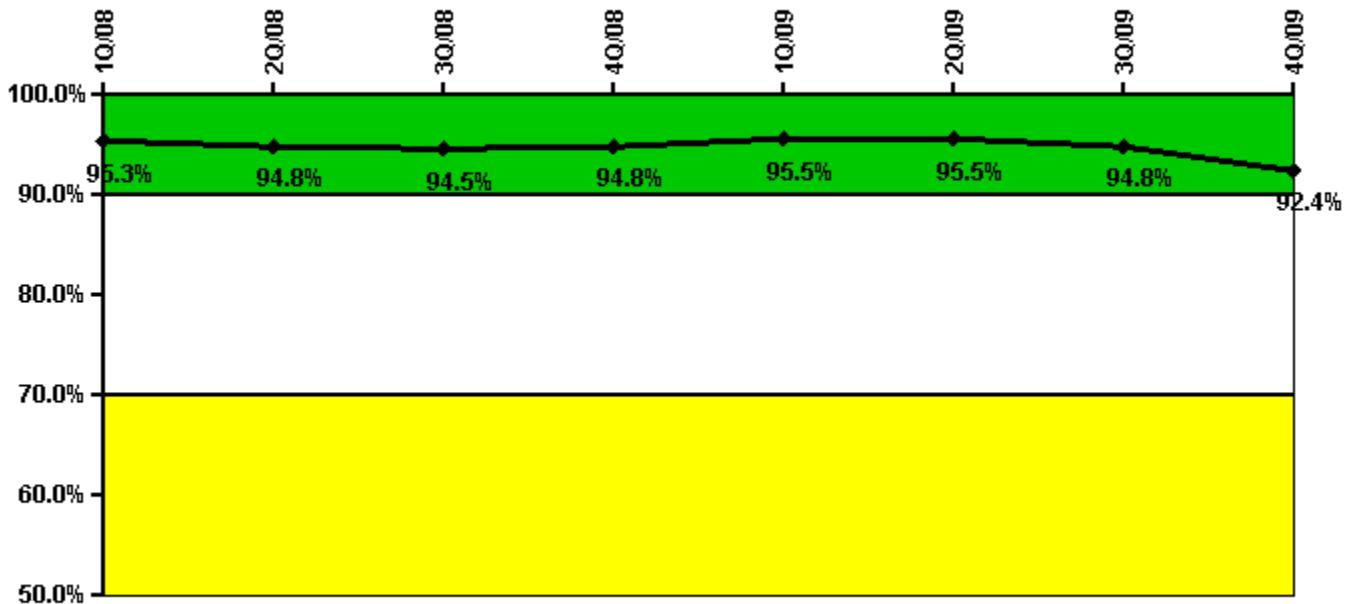
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/08	2/08	3/08	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08
Maximum leakage	0.062	0.144	0.055	0.061	0.051	0.123	0.056	0.058	0.089	0.051	0.080	0.056
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	1.4	0.6	0.6	0.5	1.2	0.6	0.6	0.9	0.5	0.8	0.6
Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.062	0.049	0.049	0.069	0.060	0.052	0.044	0.053	0.057	0.063	0.063	0.044
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0.5	0.7	0.6	0.5	0.4	0.5	0.6	0.6	0.6	0.4

Licensee Comments: none

Drill/Exercise Performance



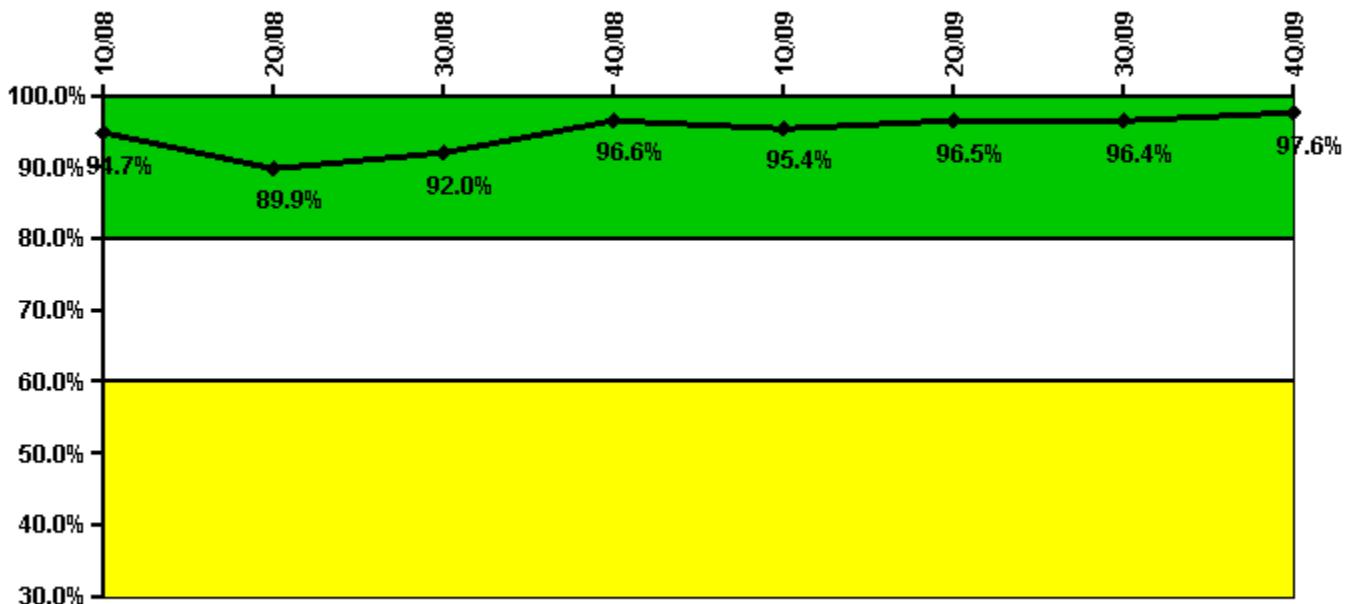
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful opportunities	6.0	17.0	15.0	45.0	8.0	18.0	11.0	50.0
Total opportunities	7.0	19.0	16.0	48.0	8.0	18.0	12.0	56.0
Indicator value	95.3%	94.8%	94.5%	94.8%	95.5%	95.5%	94.8%	92.4%

Licensee Comments: none

ERO Drill Participation



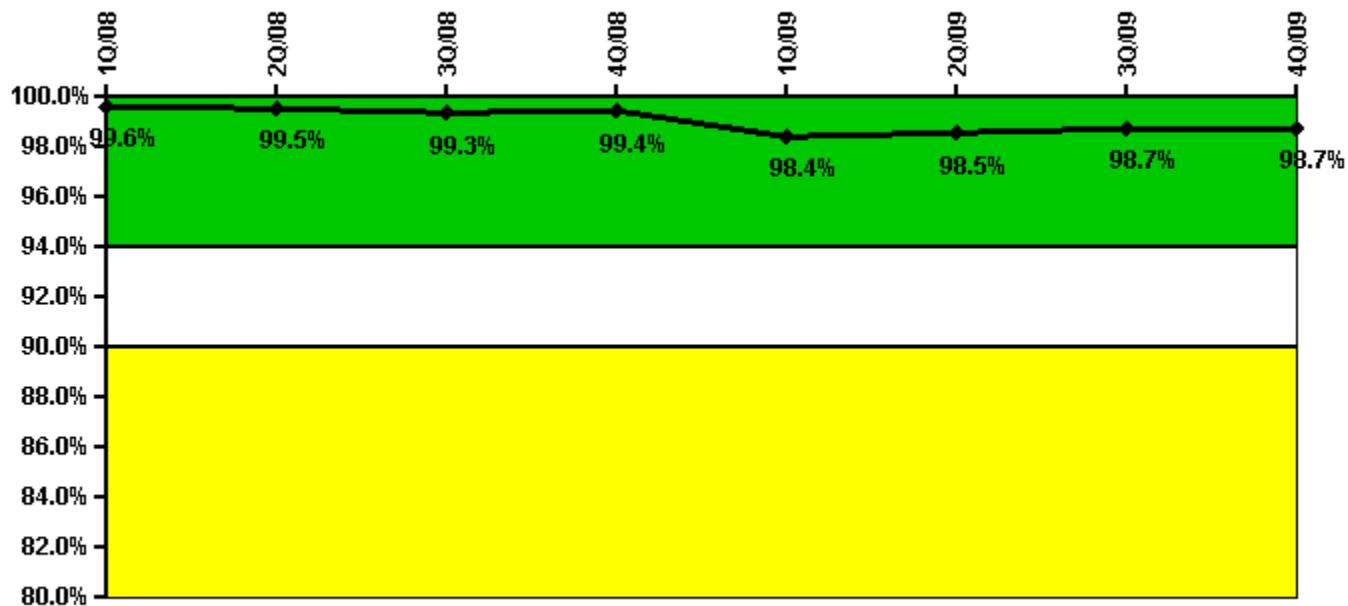
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Participating Key personnel	161.0	160.0	161.0	168.0	165.0	164.0	162.0	165.0
Total Key personnel	170.0	178.0	175.0	174.0	173.0	170.0	168.0	169.0
Indicator value	94.7%	89.9%	92.0%	96.6%	95.4%	96.5%	96.4%	97.6%

Licensee Comments: none

Alert & Notification System



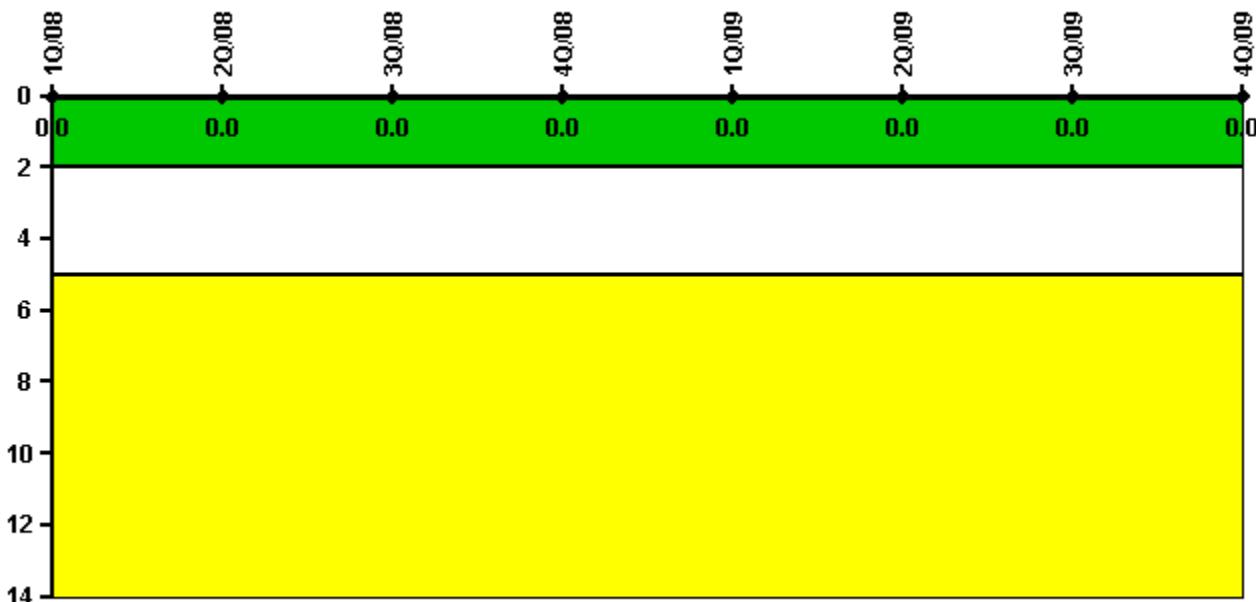
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
Successful siren-tests	1805	1798	1852	1806	1733	1804	1799	1873
Total sirens-tests	1809	1809	1876	1809	1809	1809	1809	1876
Indicator value	99.6%	99.5%	99.3%	99.4%	98.4%	98.5%	98.7%	98.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



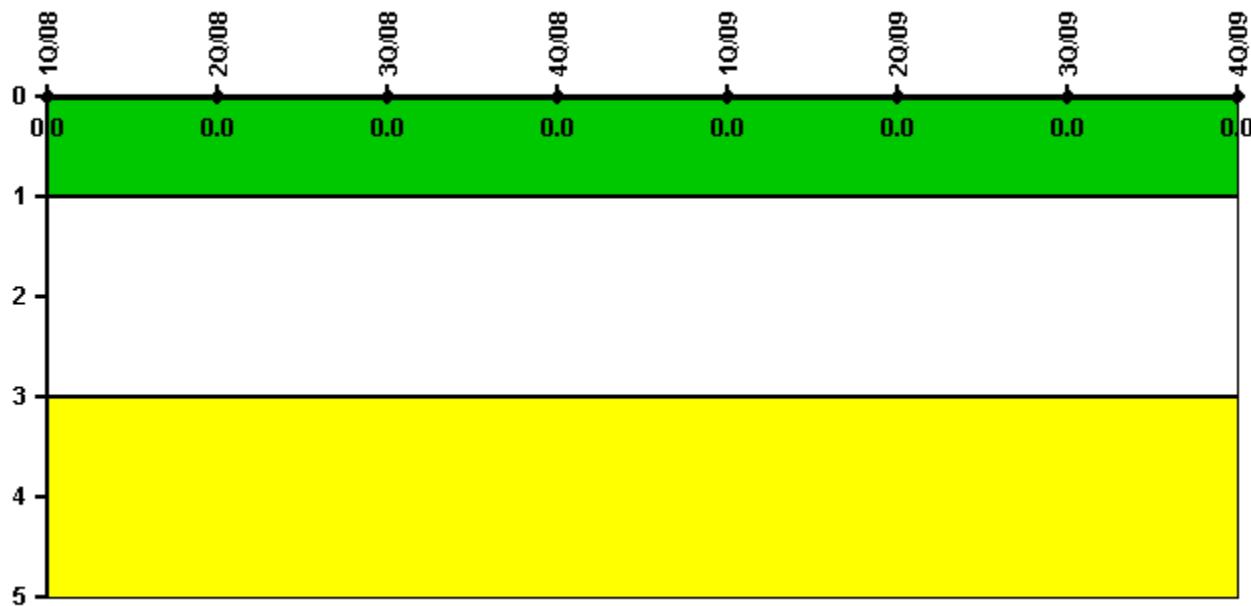
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/08	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

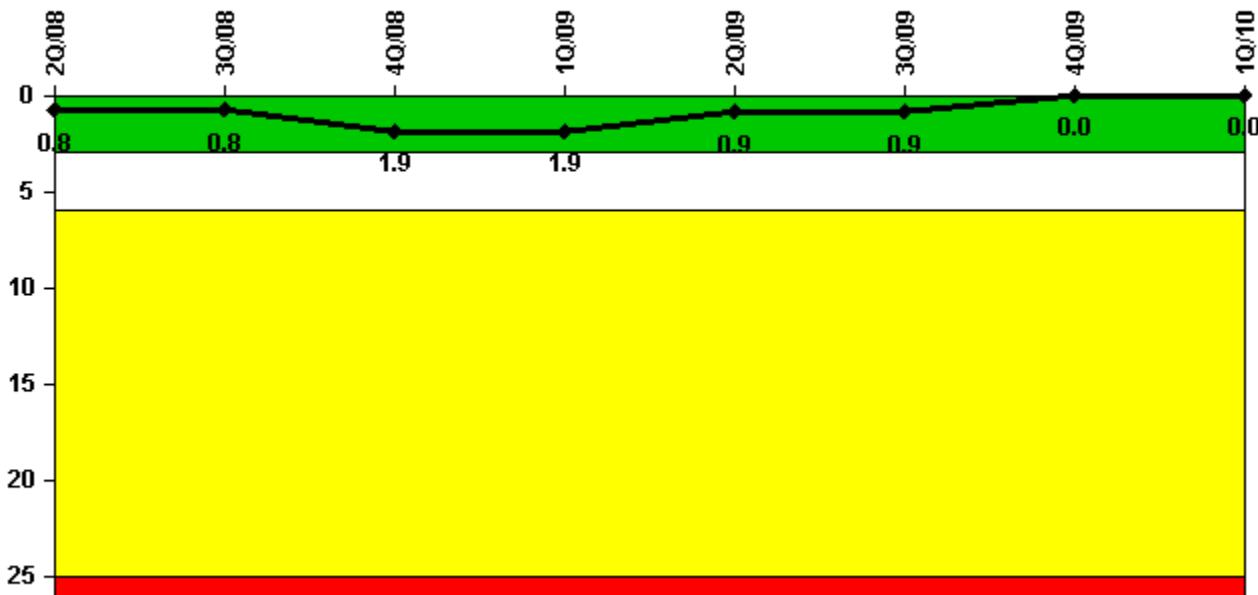
Last Modified: January 22, 2010

McGuire 1

1Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



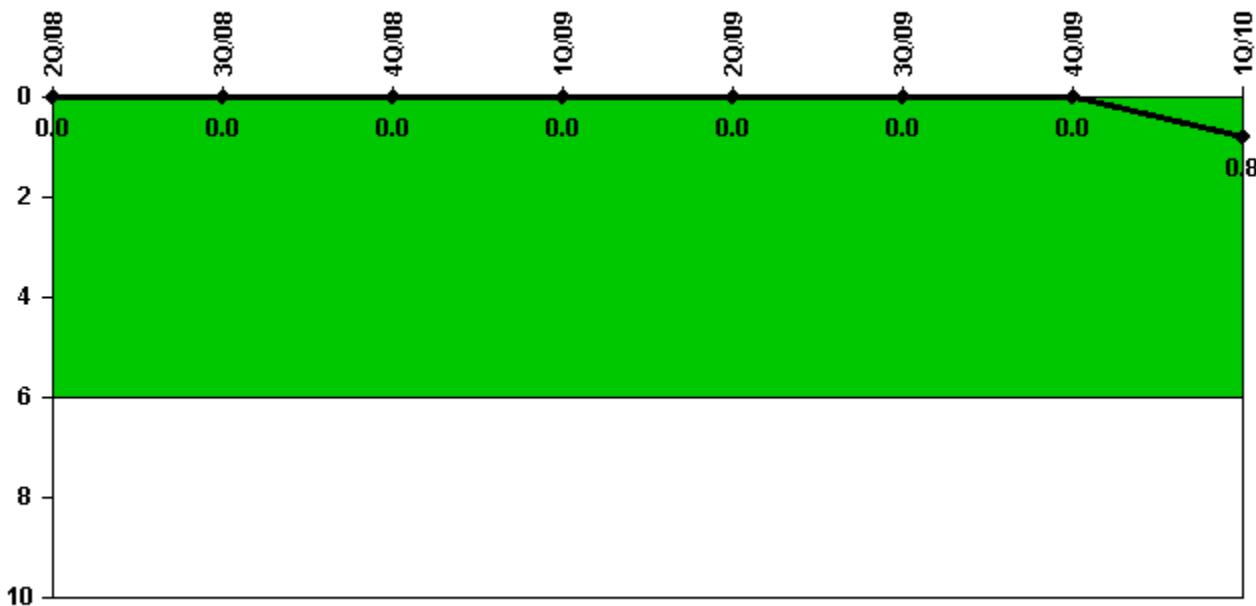
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned scrams	1.0	0	1.0	0	0	0	0	0
Critical hours	2111.0	1951.0	1204.3	2159.0	2184.0	2208.0	2209.0	1711.1
Indicator value	0.8	0.8	1.9	1.9	0.9	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



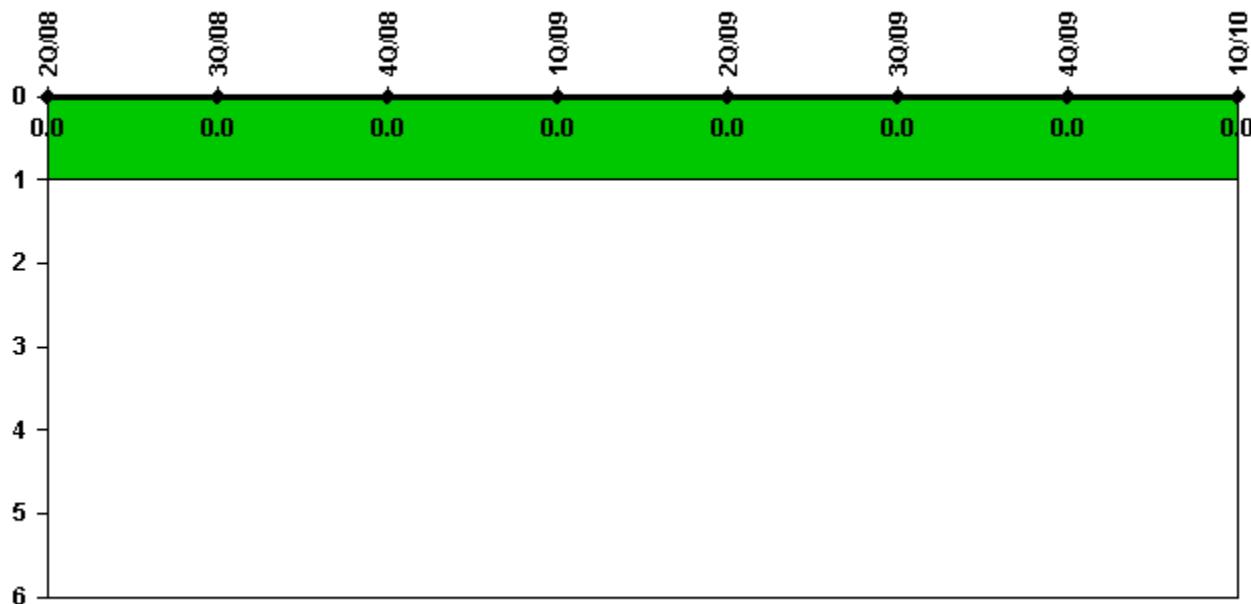
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Unplanned power changes	0	0	0	0	0	0	0	1.0
Critical hours	2111.0	1951.0	1204.3	2159.0	2184.0	2208.0	2209.0	1711.1
Indicator value	0	0	0	0	0	0	0	0.8

Licensee Comments: none

Unplanned Scrams with Complications



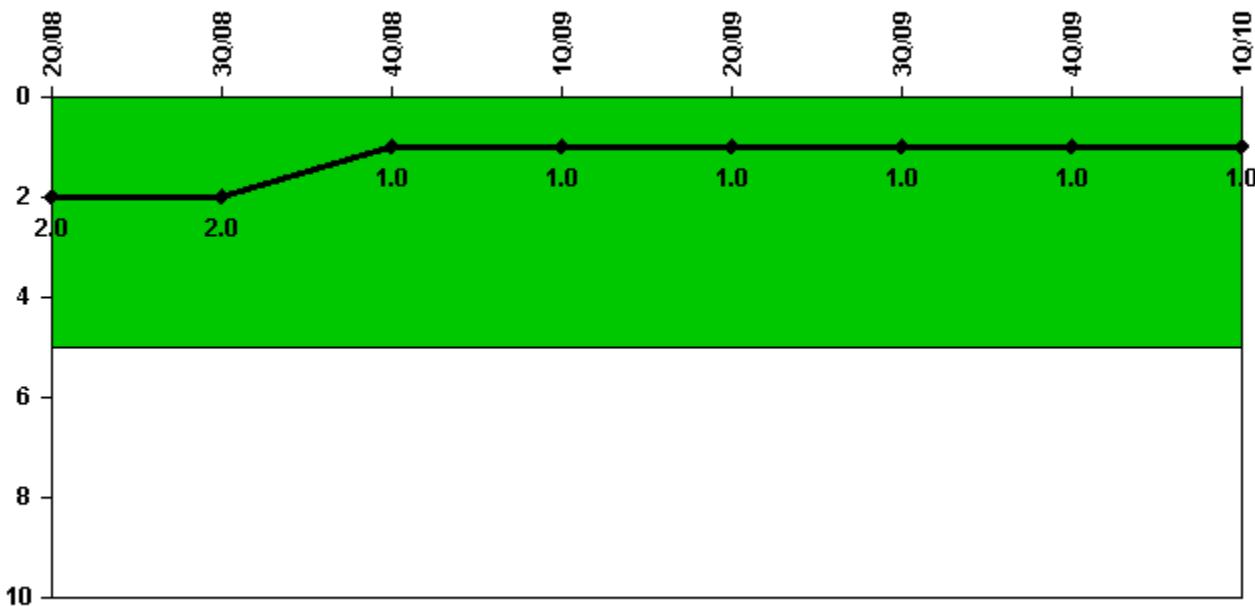
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



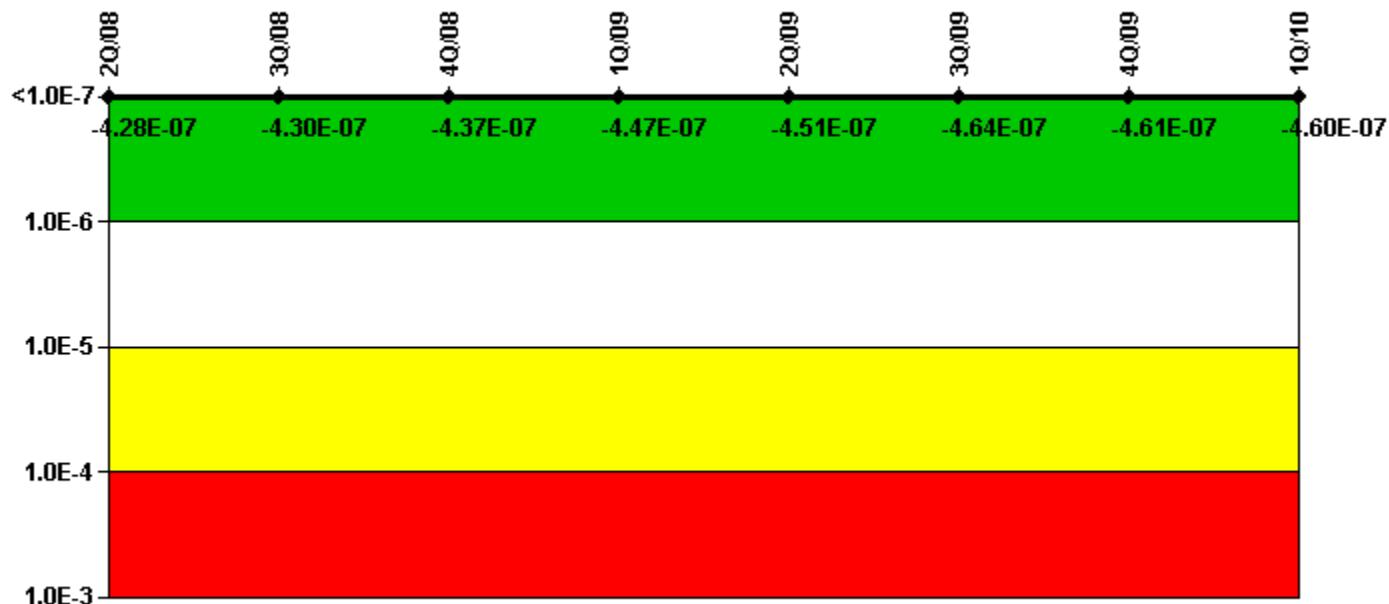
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Safety System Functional Failures	1	0	0	0	1	0	0	0
Indicator value	2	2	1	1	1	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



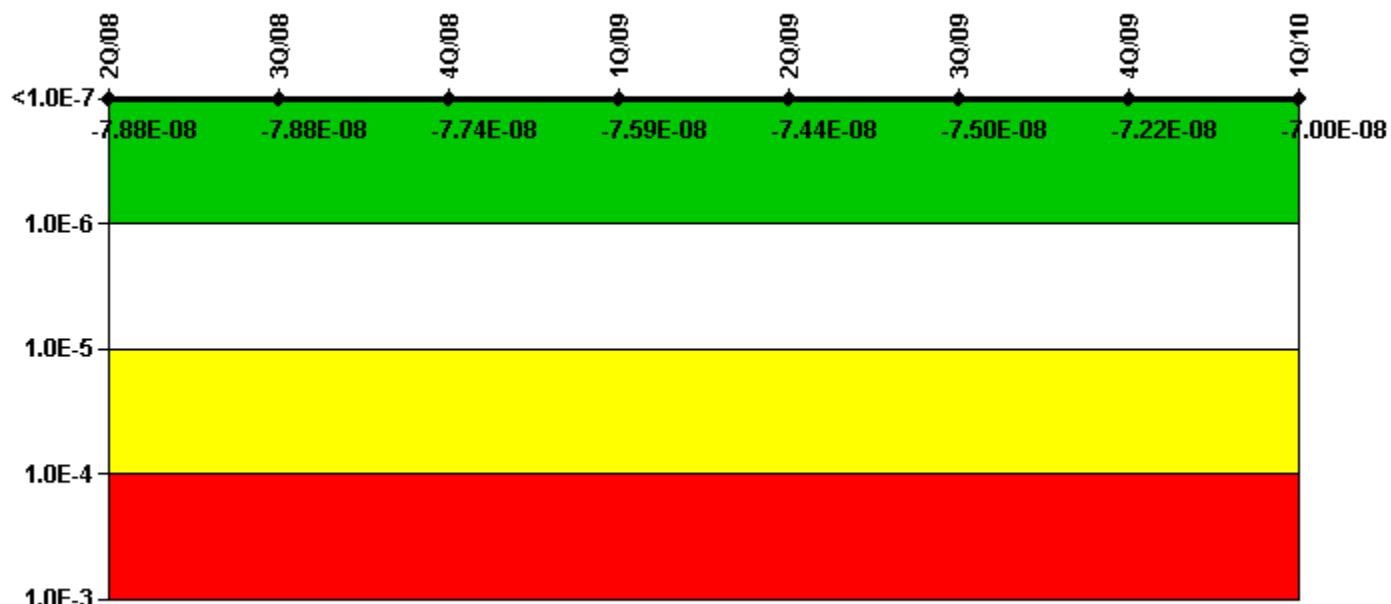
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	7.20E-08	7.00E-08	6.30E-08	5.30E-08	4.90E-08	3.60E-08	3.90E-08	3.61E-08
URI (Δ CDF)	-5.00E-07	-5.01E-07						
PLE	NO							
Indicator value	-4.28E-07	-4.30E-07	-4.37E-07	-4.47E-07	-4.51E-07	-4.64E-07	-4.61E-07	-4.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



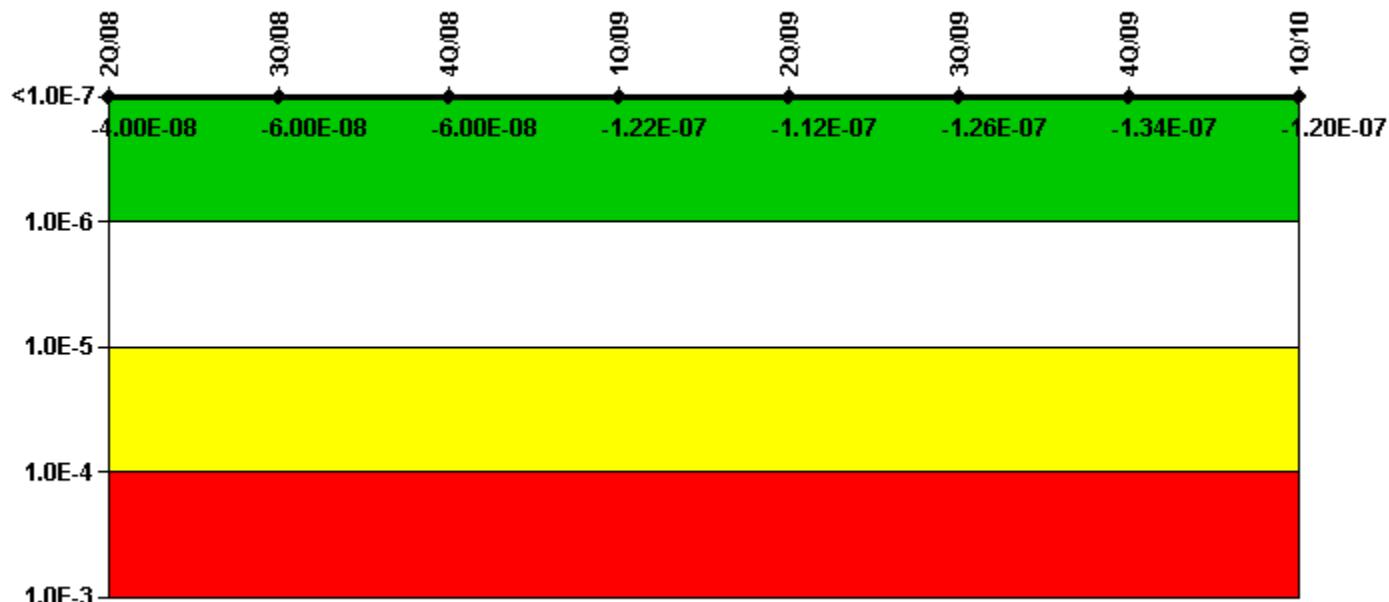
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-3.80E-09	-3.80E-09	-2.40E-09	-8.80E-10	5.60E-10	4.40E-11	2.80E-09	5.04E-09
URI (Δ CDF)	-7.50E-08	-7.53E-08						
PLE	NO							
Indicator value	-7.88E-08	-7.88E-08	-7.74E-08	-7.59E-08	-7.44E-08	-7.50E-08	-7.22E-08	-7.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



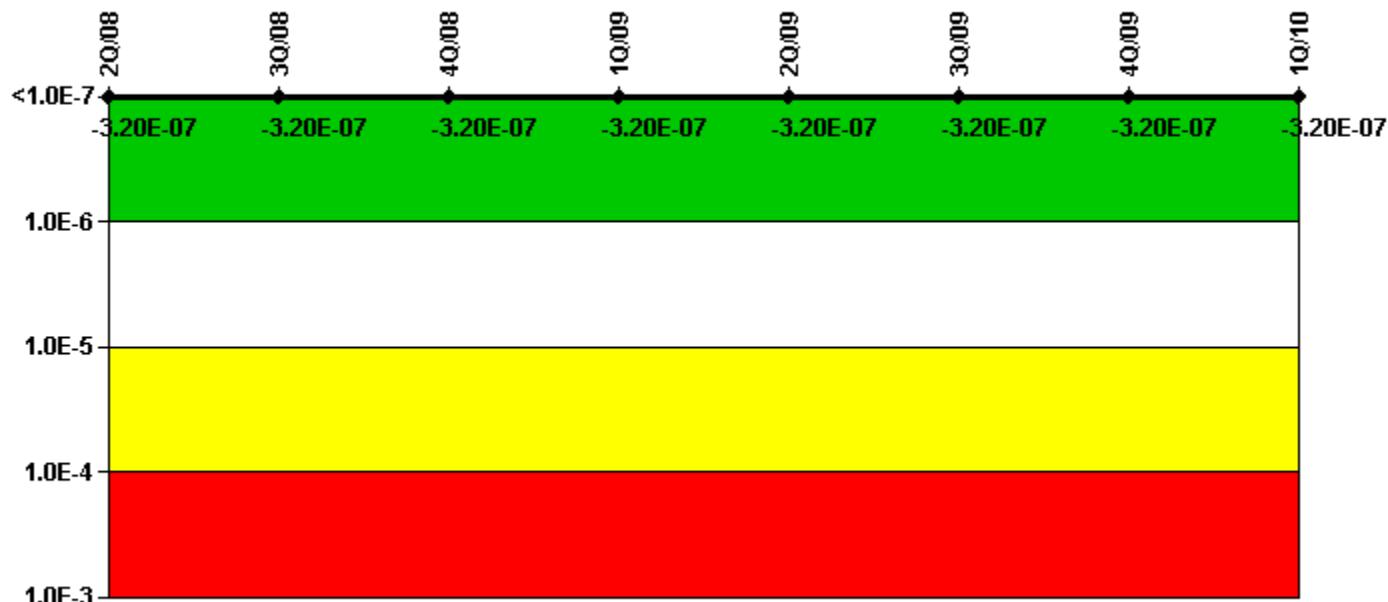
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.30E-07	1.10E-07	1.10E-07	4.80E-08	5.80E-08	4.40E-08	3.60E-08	4.56E-08
URI (Δ CDF)	-1.70E-07	-1.65E-07						
PLE	NO							
Indicator value	-4.00E-08	-6.00E-08	-6.00E-08	-1.22E-07	-1.12E-07	-1.26E-07	-1.34E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	-3.02E-08							
URI (Δ CDF)	-2.85E-07							
PLE	NO							
Indicator value	-3.20E-07							

Licensee Comments:

4Q/09: Changed PRA Parameter(s).

3Q/09: Changed PRA Parameter(s).

2Q/09: Changed PRA Parameter(s).

1Q/09: Changed PRA Parameter(s).

4Q/08: Changed PRA Parameter(s).

3Q/08: Changed PRA Parameter(s).

2Q/08: Changed PRA Parameter(s).

1Q/08: Changed PRA Parameter(s).

4Q/07: Changed PRA Parameter(s).

3Q/07: Changed PRA Parameter(s).

2Q/07: Changed PRA Parameter(s).

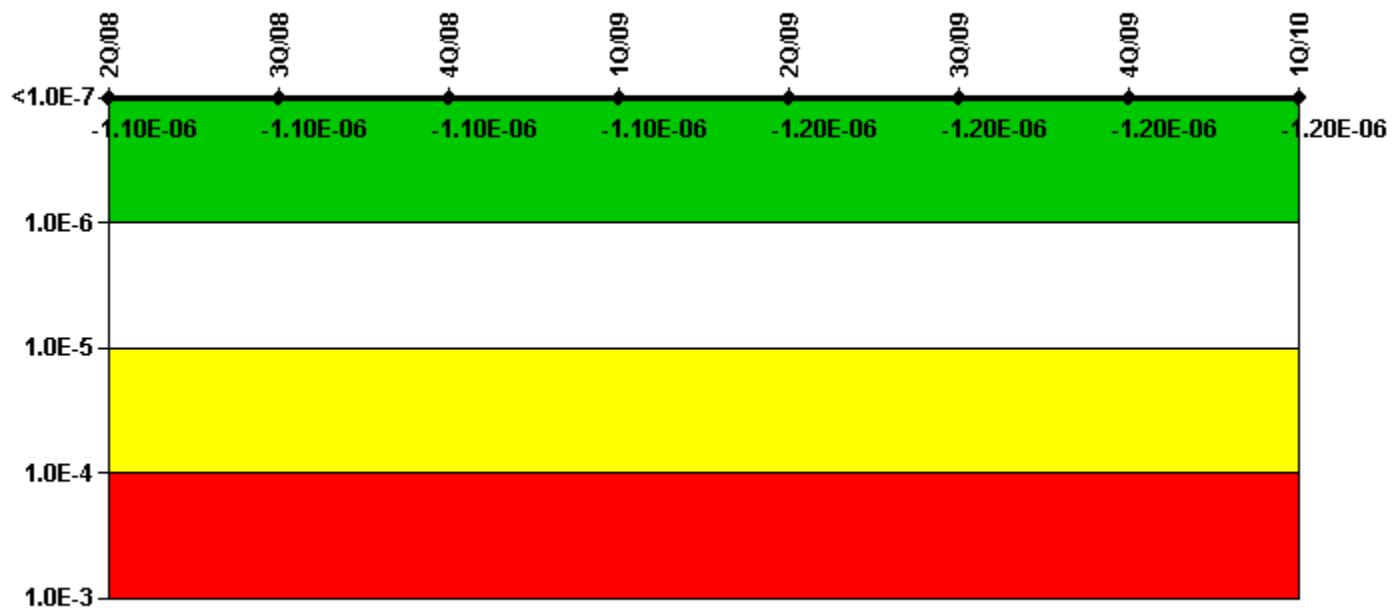
1Q/07: Changed PRA Parameter(s).

4Q/06: Changed PRA Parameter(s).

3Q/06: Changed PRA Parameter(s).

2Q/06: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

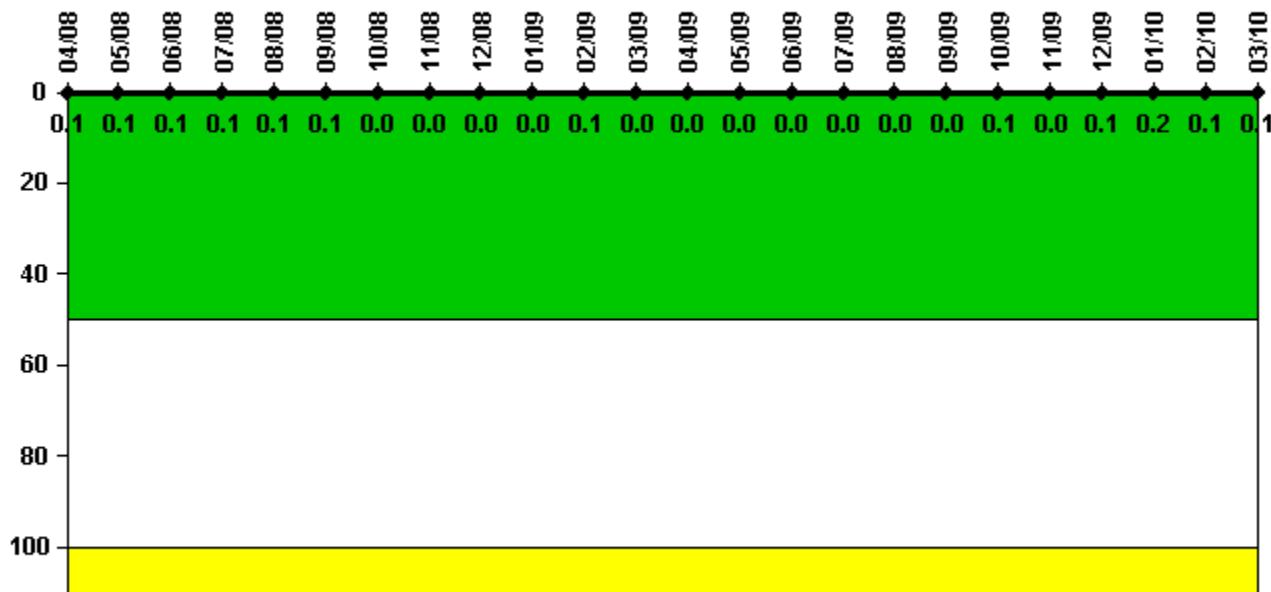
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
UAI (Δ CDF)	1.19E-07	9.24E-08	1.21E-07	1.24E-07	5.83E-08	5.43E-08	5.47E-08	3.92E-08
URI (Δ CDF)	-1.24E-06							
PLE	NO							
Indicator value	-1.10E-06	-1.10E-06	-1.10E-06	-1.10E-06	-1.20E-06	-1.20E-06	-1.20E-06	-1.20E-06

Licensee Comments:

1Q/10: Changed PRA Parameter(s).

Reactor Coolant System Activity



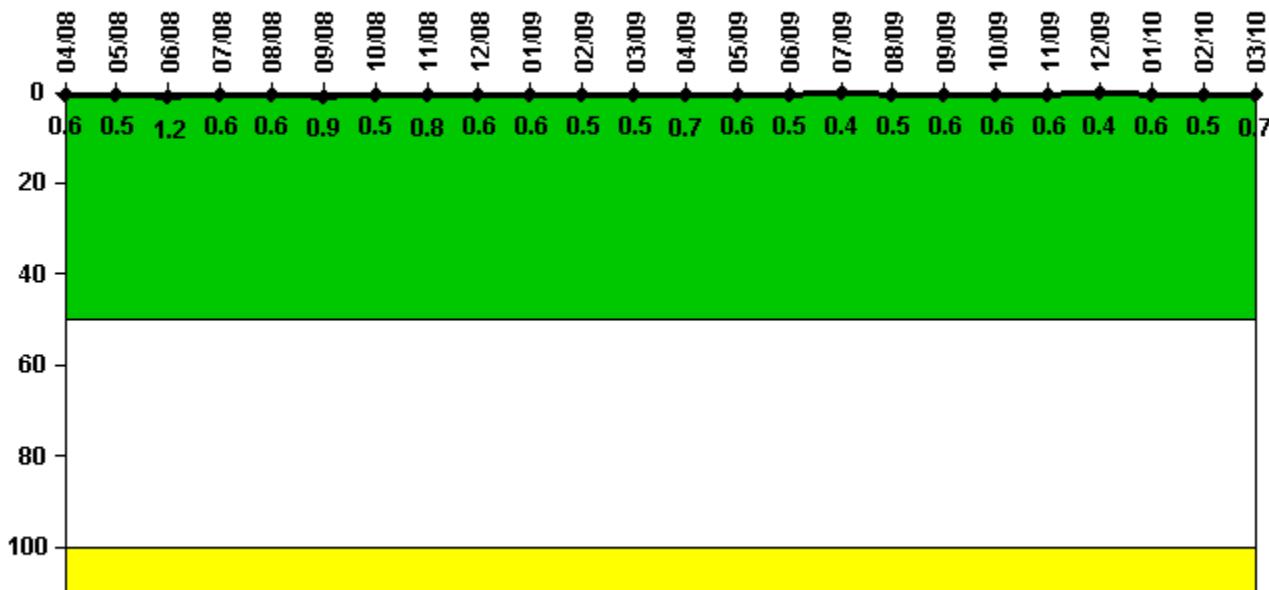
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum activity	0.000502	0.000566	0.001298	0.001366	0.001200	0.000531	0	0.000292	0.000359	0.000362	0.000576	0.000419
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0	0	0	0	0.1	0
Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000417	0.000418	0.000345	0.000390	0.000390	0.000411	0.001241	0.000484	0.000631	0.001969	0.000532	0.001110
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



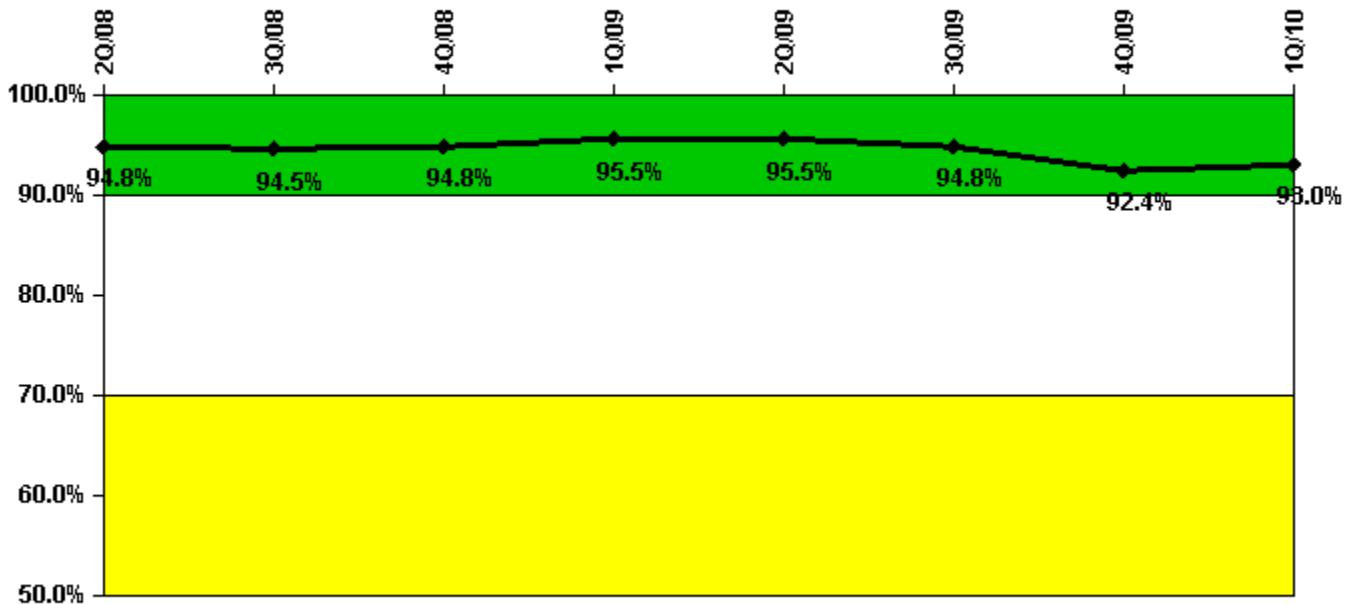
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/08	5/08	6/08	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09
Maximum leakage	0.061	0.051	0.123	0.056	0.058	0.089	0.051	0.080	0.056	0.062	0.049	0.049
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	1.2	0.6	0.6	0.9	0.5	0.8	0.6	0.6	0.5	0.5
Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.069	0.060	0.052	0.044	0.053	0.057	0.063	0.063	0.044	0.063	0.047	0.071
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.6	0.5	0.4	0.5	0.6	0.6	0.6	0.4	0.6	0.5	0.7

Licensee Comments: none

Drill/Exercise Performance



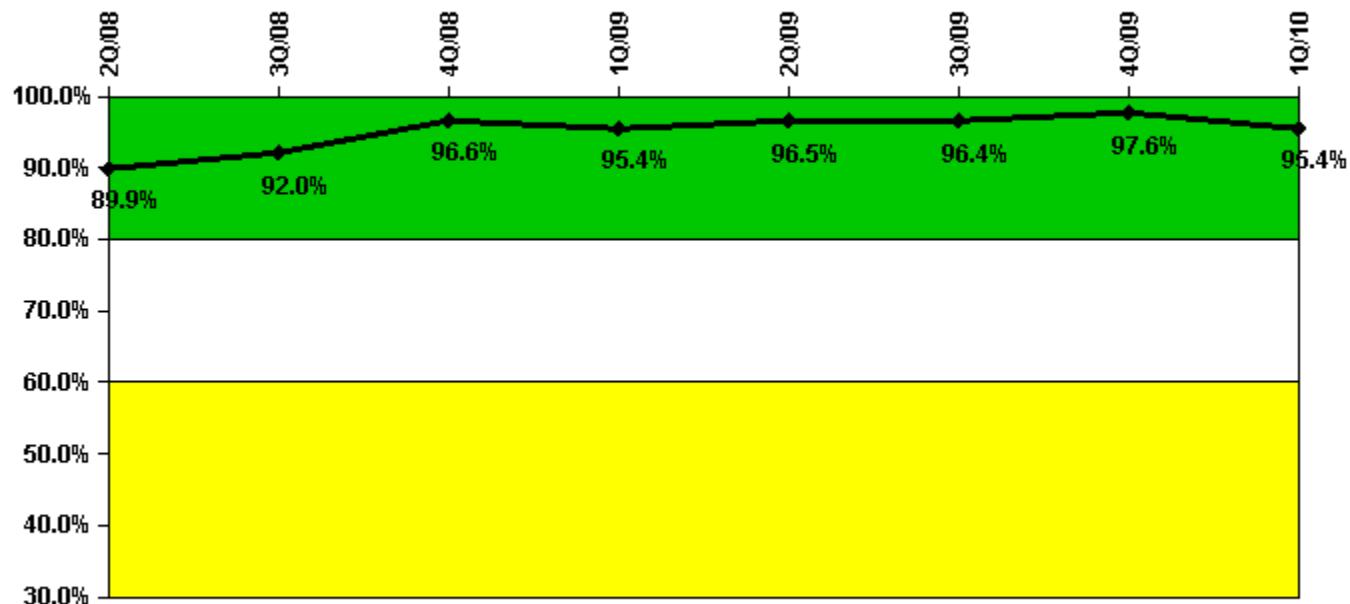
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful opportunities	17.0	15.0	45.0	8.0	18.0	11.0	50.0	8.0
Total opportunities	19.0	16.0	48.0	8.0	18.0	12.0	56.0	8.0
Indicator value	94.8%	94.5%	94.8%	95.5%	95.5%	94.8%	92.4%	93.0%

Licensee Comments: none

ERO Drill Participation



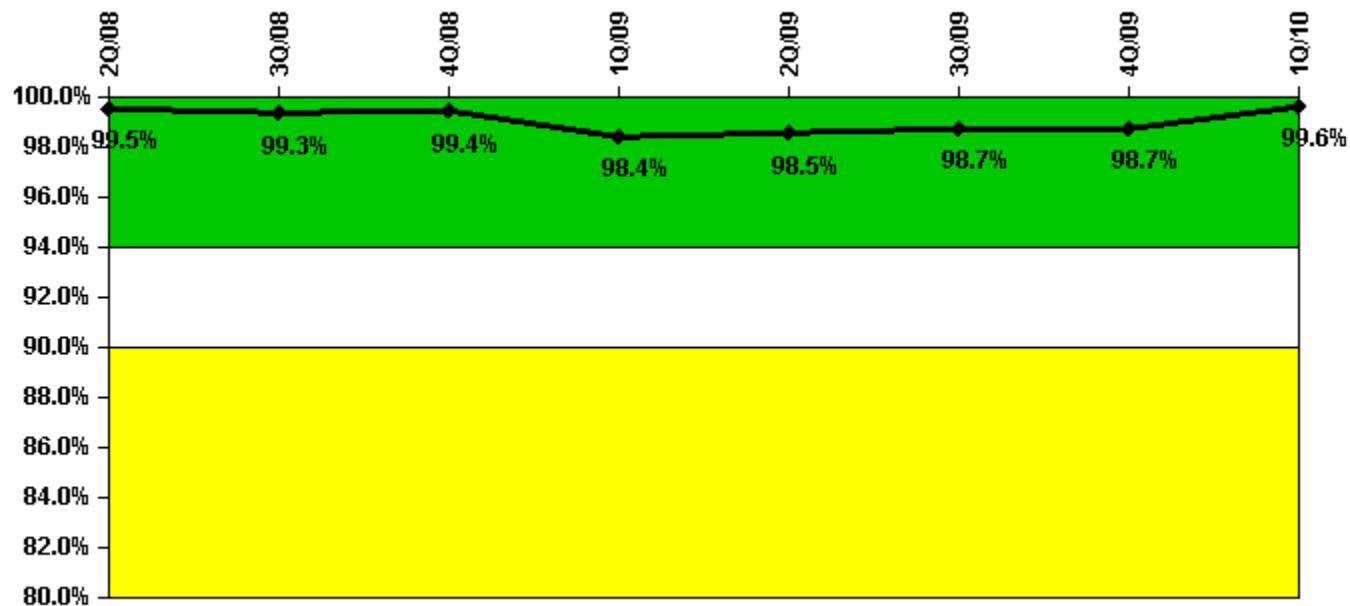
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Participating Key personnel	160.0	161.0	168.0	165.0	164.0	162.0	165.0	166.0
Total Key personnel	178.0	175.0	174.0	173.0	170.0	168.0	169.0	174.0
Indicator value	89.9%	92.0%	96.6%	95.4%	96.5%	96.4%	97.6%	95.4%

Licensee Comments: none

Alert & Notification System



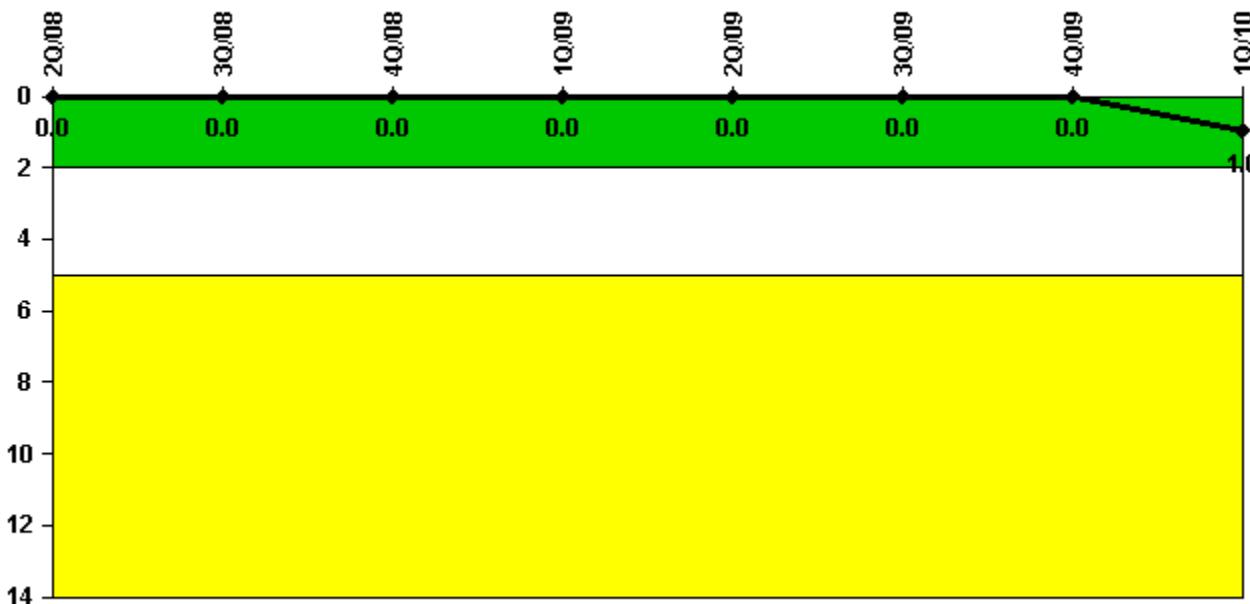
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
Successful siren-tests	1798	1852	1806	1733	1804	1799	1873	1731
Total sirens-tests	1809	1876	1809	1809	1809	1809	1876	1742
Indicator value	99.5%	99.3%	99.4%	98.4%	98.5%	98.7%	98.7%	99.6%

Licensee Comments: none

Occupational Exposure Control Effectiveness



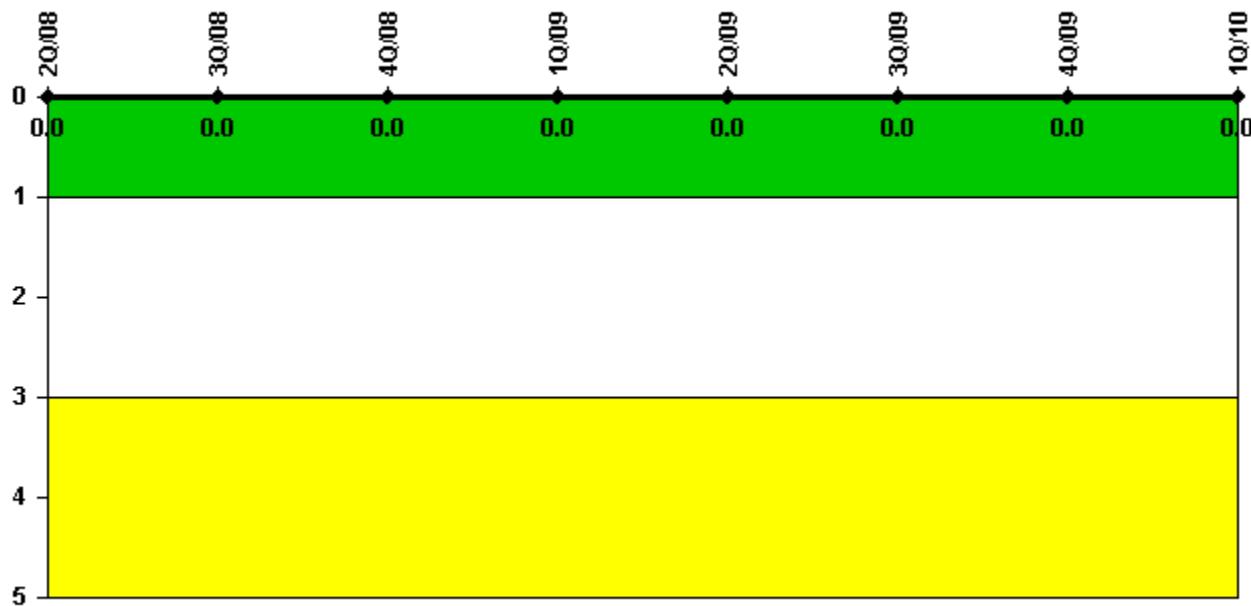
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
High radiation area occurrences	0	0	0	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1						

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/08	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

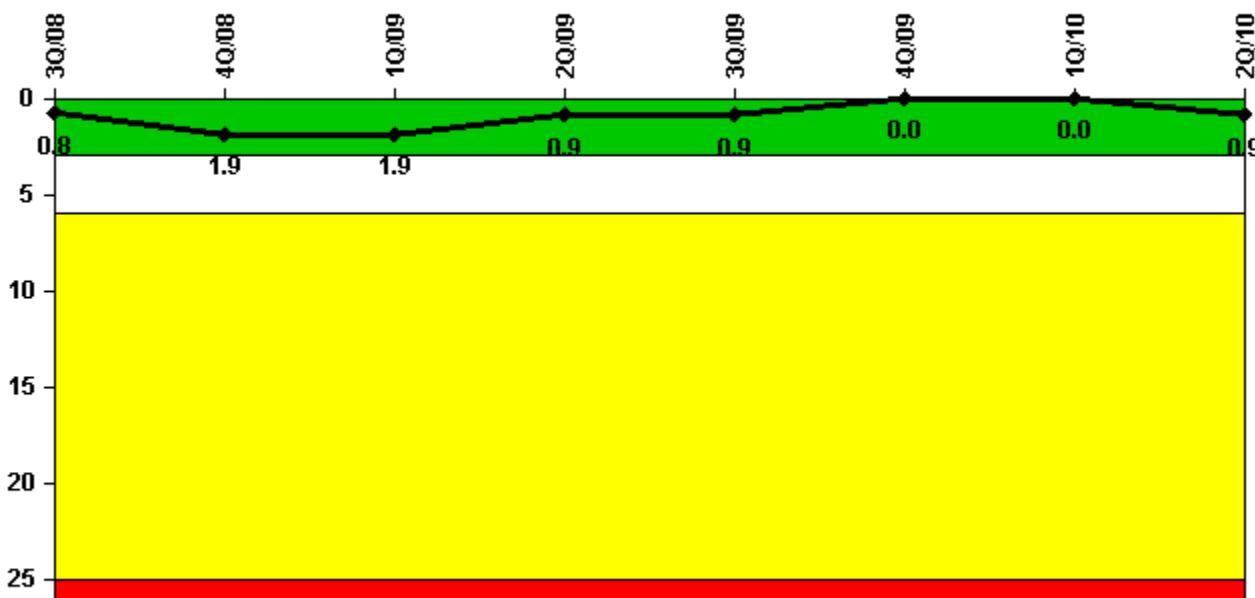
Security information not publicly available.

McGuire 1

2Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



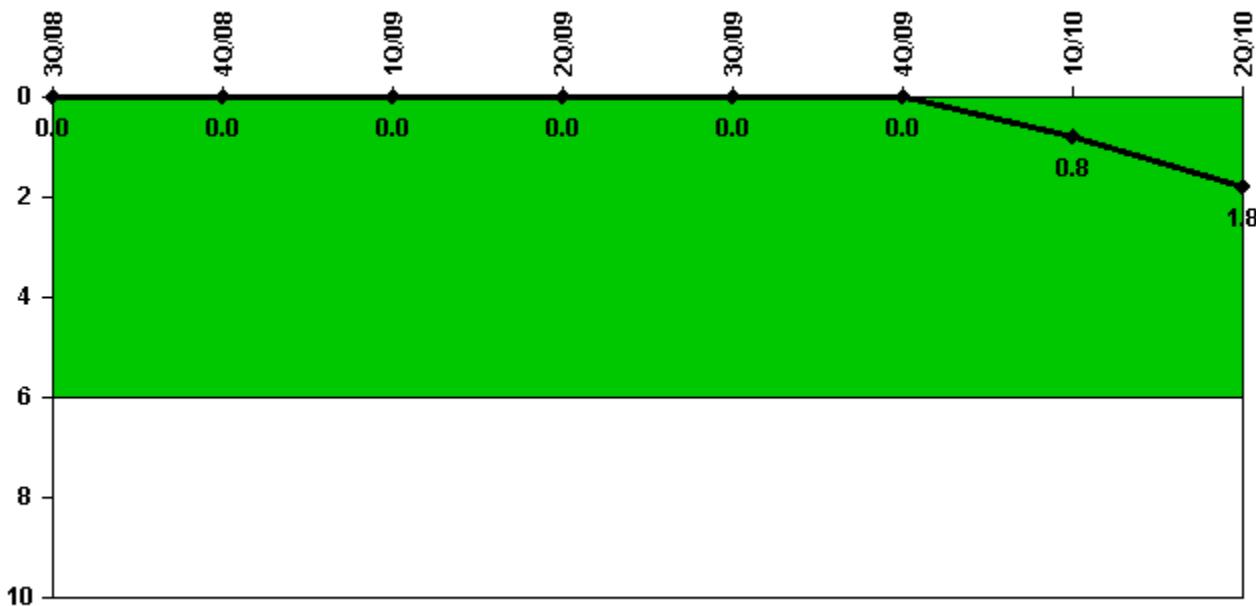
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned scrams	0	1.0	0	0	0	0	0	1.0
Critical hours	1951.0	1204.3	2159.0	2184.0	2208.0	2209.0	1711.1	1723.8
Indicator value	0.8	1.9	1.9	0.9	0.9	0	0	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



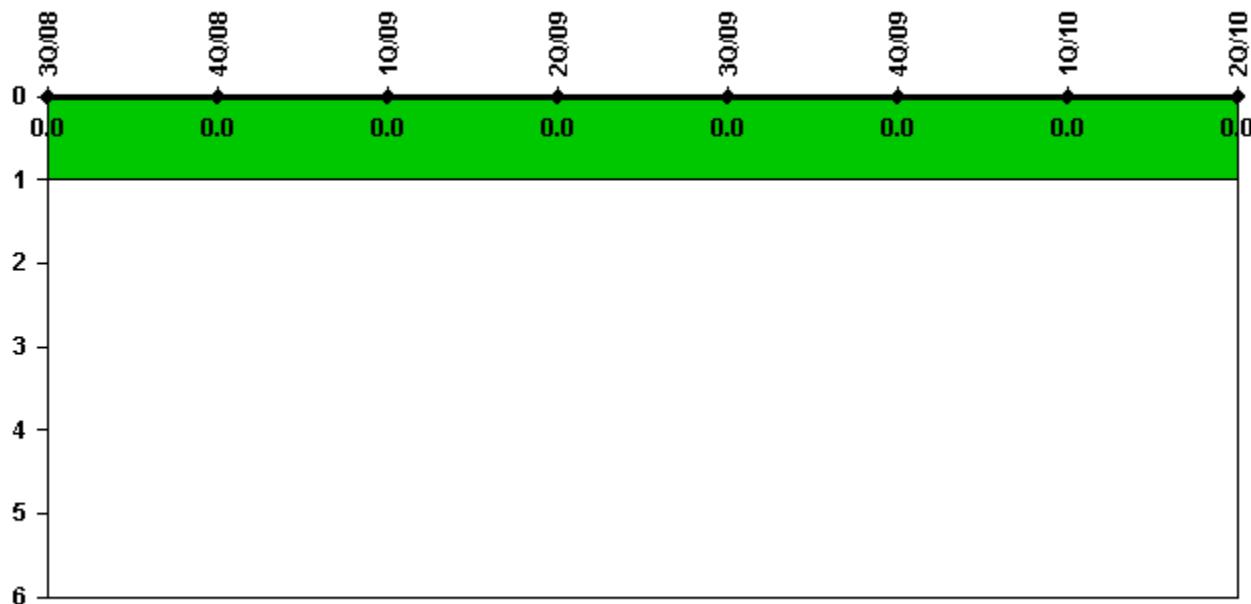
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Unplanned power changes	0	0	0	0	0	0	1.0	1.0
Critical hours	1951.0	1204.3	2159.0	2184.0	2208.0	2209.0	1711.1	1723.8
Indicator value	0	0	0	0	0	0	0.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



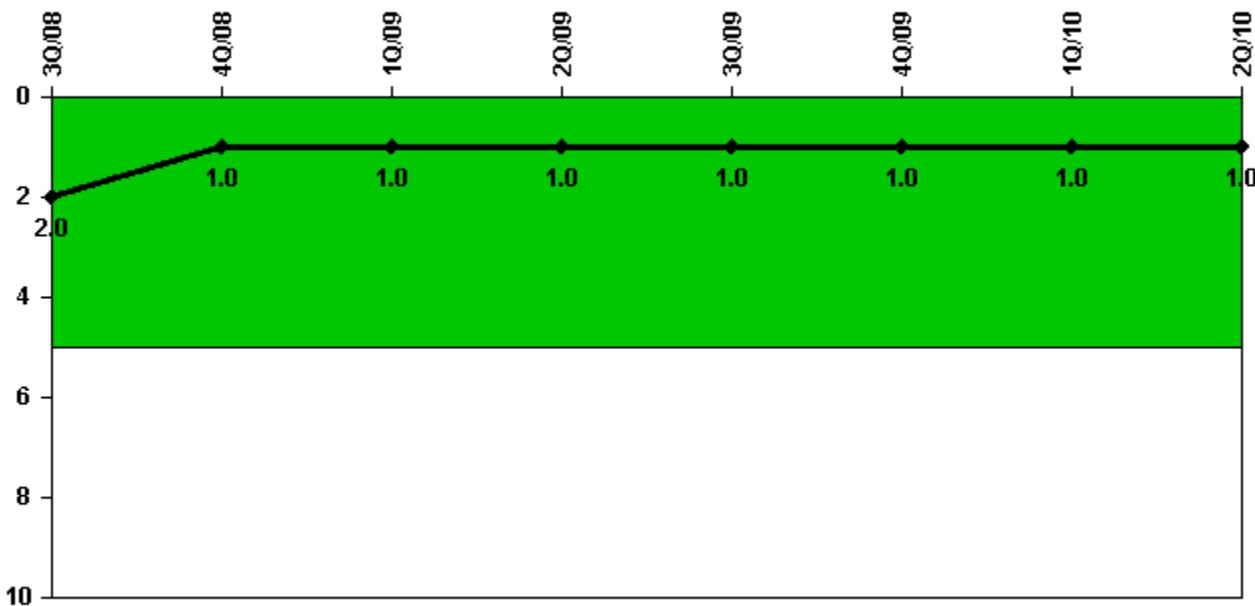
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

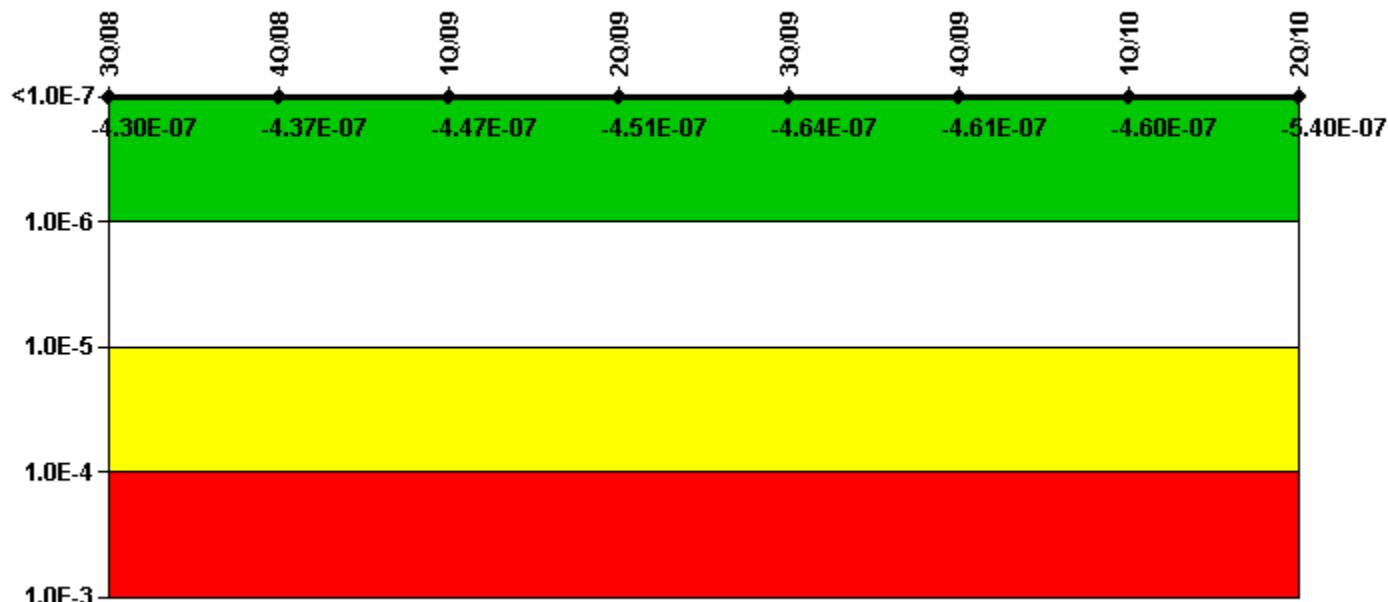
Notes

Safety System Functional Failures (PWR)	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Safety System Functional Failures	0	0	0	1	0	0	0	1
Indicator value	2	1	1	1	1	1	1	1

Licensee Comments:

2Q/10: LER 369/2010-02

Mitigating Systems Performance Index, Emergency AC Power System



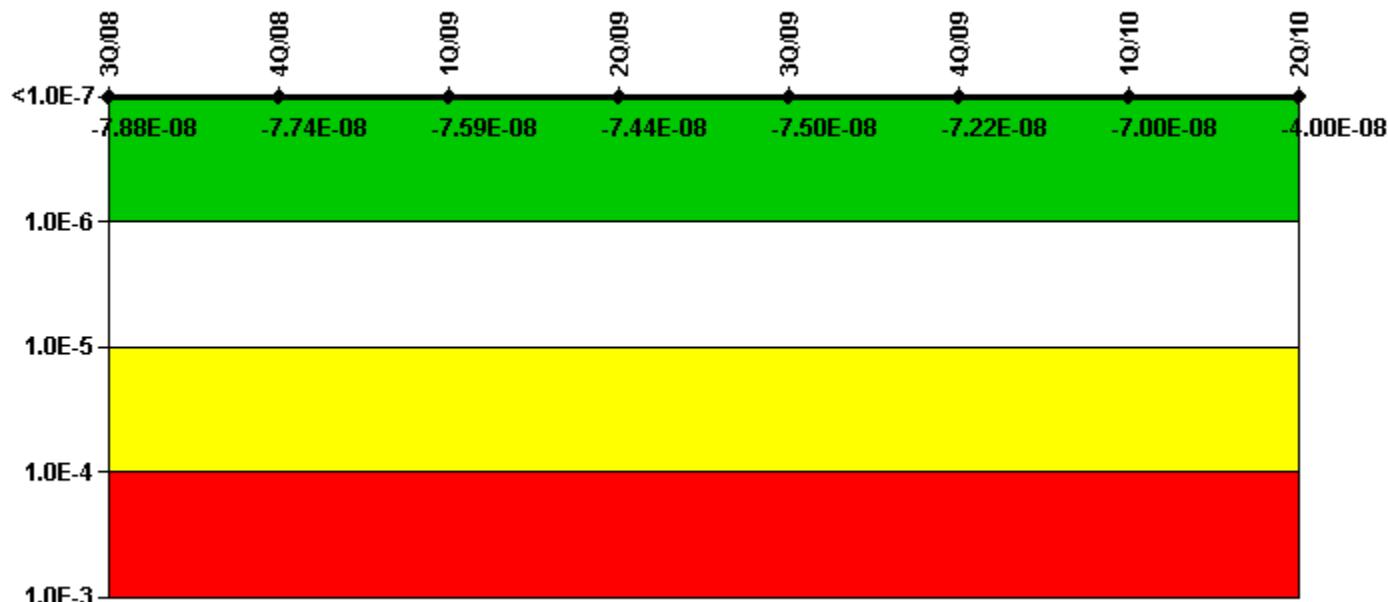
Thresholds: White > $1.00\text{E}-6$ Yellow > $1.00\text{E}-5$ Red > $1.00\text{E}-4$

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	7.00E-08	6.30E-08	5.30E-08	4.90E-08	3.60E-08	3.90E-08	3.61E-08	-3.81E-08
URI (Δ CDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.01E-07	-5.01E-07
PLE	NO							
Indicator value	-4.30E-07	-4.37E-07	-4.47E-07	-4.51E-07	-4.64E-07	-4.61E-07	-4.60E-07	-5.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-3.80E-09	-2.40E-09	-8.80E-10	5.60E-10	4.40E-11	2.80E-09	5.04E-09	8.75E-09
URI (Δ CDF)	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.53E-08	-4.91E-08
PLE	NO							
Indicator value	-7.88E-08	-7.74E-08	-7.59E-08	-7.44E-08	-7.50E-08	-7.22E-08	-7.00E-08	-4.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



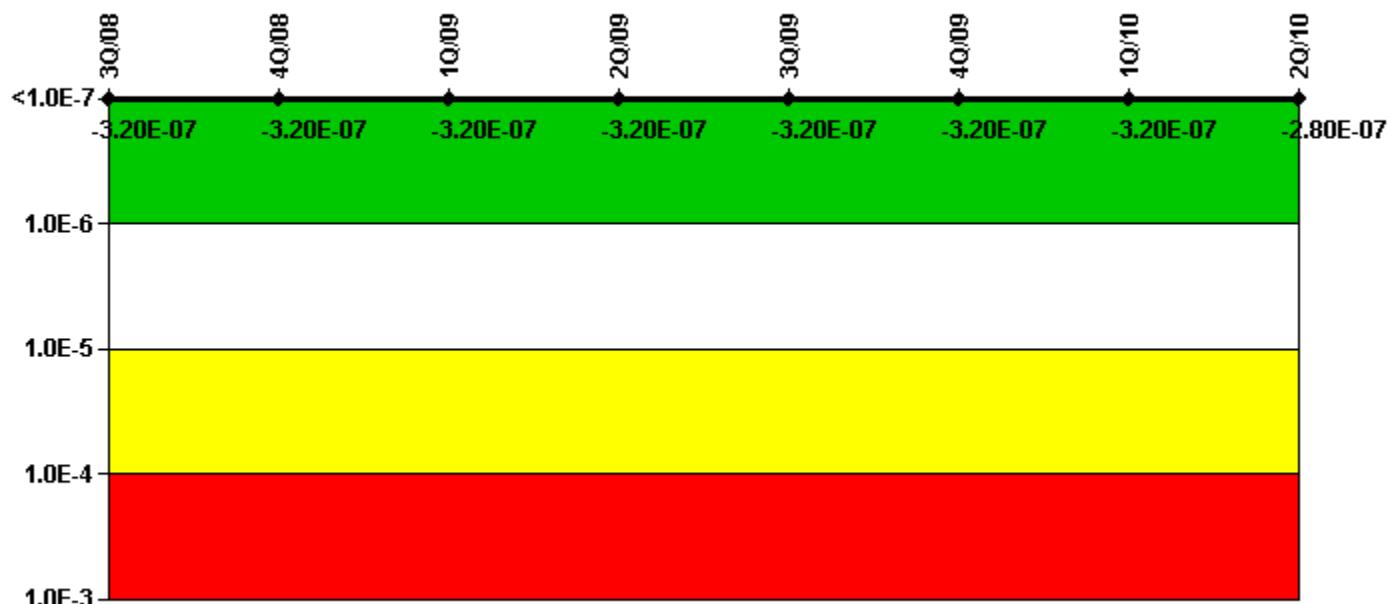
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	1.10E-07	1.10E-07	4.80E-08	5.80E-08	4.40E-08	3.60E-08	4.56E-08	4.69E-08
URI (Δ CDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.65E-07	-1.71E-07
PLE	NO							
Indicator value	-6.00E-08	-6.00E-08	-1.22E-07	-1.12E-07	-1.26E-07	-1.34E-07	-1.20E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



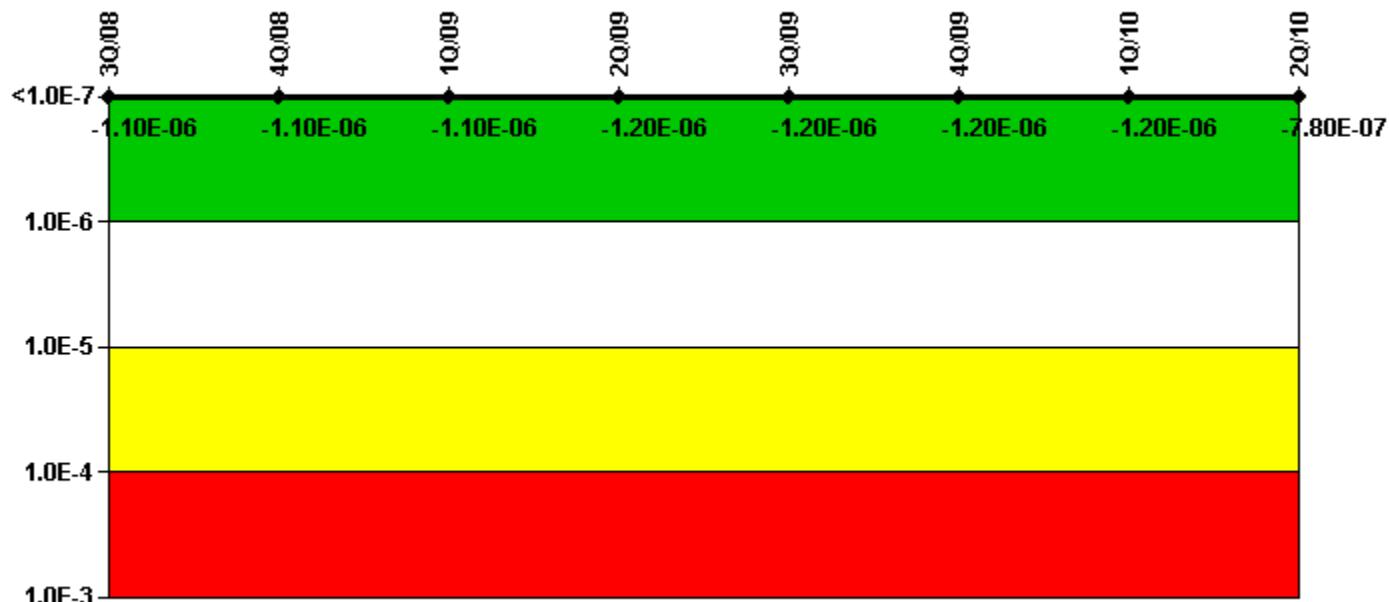
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	-3.02E-08	-3.11E-08						
URI (Δ CDF)	-2.85E-07	-2.47E-07						
PLE	NO							
Indicator value	-3.20E-07	-2.80E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



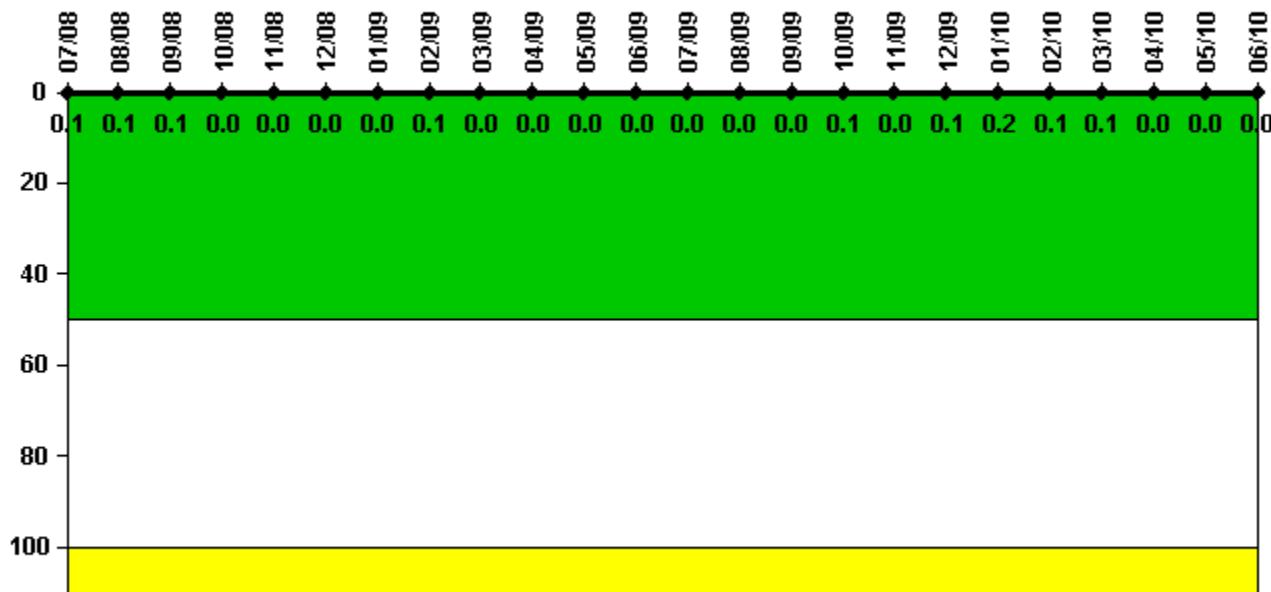
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
UAI (Δ CDF)	9.24E-08	1.21E-07	1.24E-07	5.83E-08	5.43E-08	5.47E-08	3.92E-08	3.11E-07
URI (Δ CDF)	-1.24E-06	-1.09E-06						
PLE	NO							
Indicator value	-1.10E-06	-1.10E-06	-1.10E-06	-1.20E-06	-1.20E-06	-1.20E-06	-1.20E-06	-7.80E-07

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

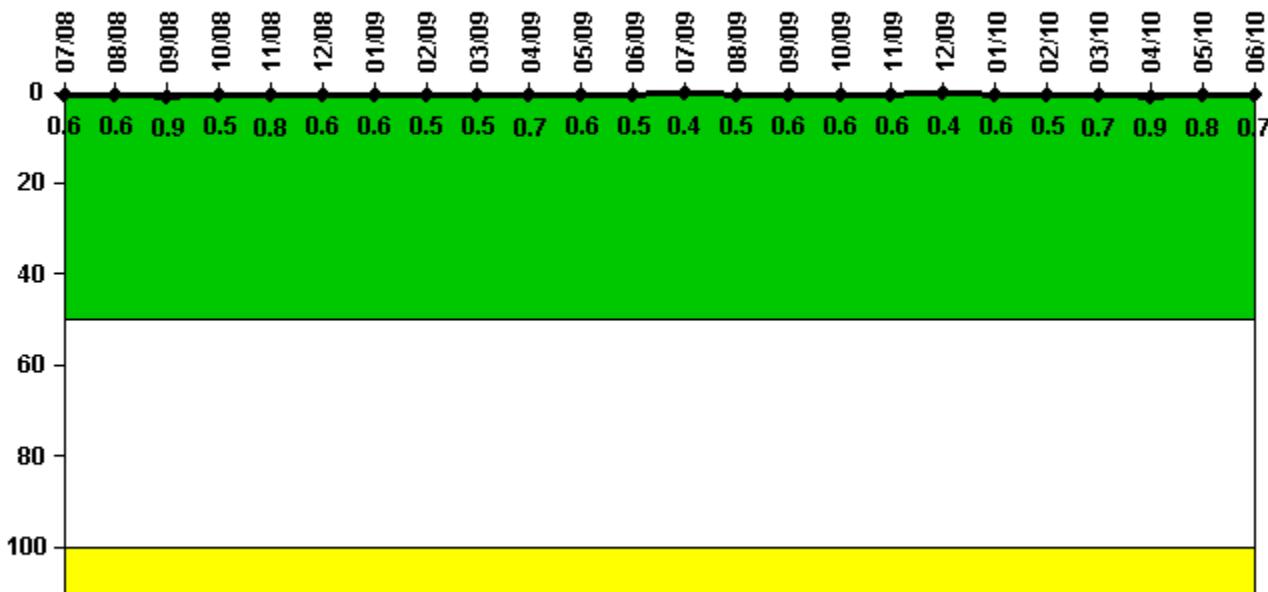
Notes

Reactor Coolant System Activity	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum activity	0.001366	0.001200	0.000531	0	0.000292	0.000359	0.000362	0.000576	0.000419	0.000417	0.000418	0.000345
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	0	0	0	0	0.1	0	0	0	0

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000390	0.000390	0.000411	0.001241	0.000484	0.000631	0.001969	0.000532	0.001110	0.000309	0.000362	0.000337
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0.1	0.2	0.1	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



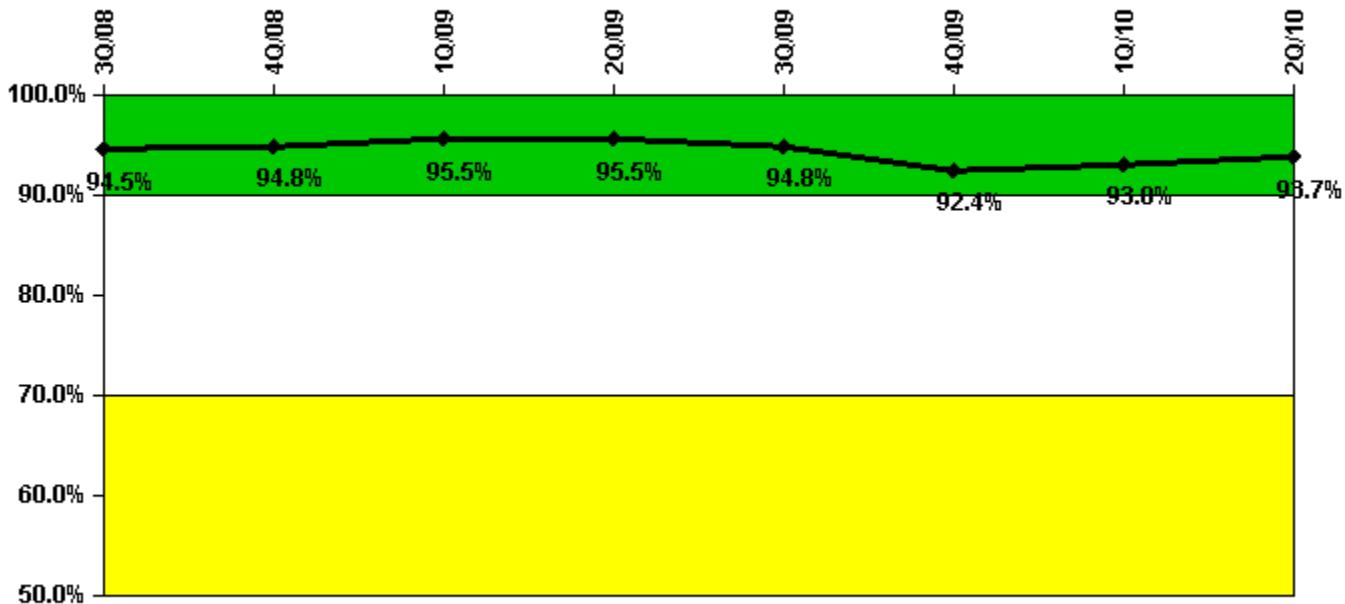
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/08	8/08	9/08	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09
Maximum leakage	0.056	0.058	0.089	0.051	0.080	0.056	0.062	0.049	0.049	0.069	0.060	0.052
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.9	0.5	0.8	0.6	0.6	0.5	0.5	0.7	0.6	0.5
Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.044	0.053	0.057	0.063	0.063	0.044	0.063	0.047	0.071	0.088	0.078	0.071
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.6	0.6	0.6	0.4	0.6	0.5	0.7	0.9	0.8	0.7

Licensee Comments: none

Drill/Exercise Performance



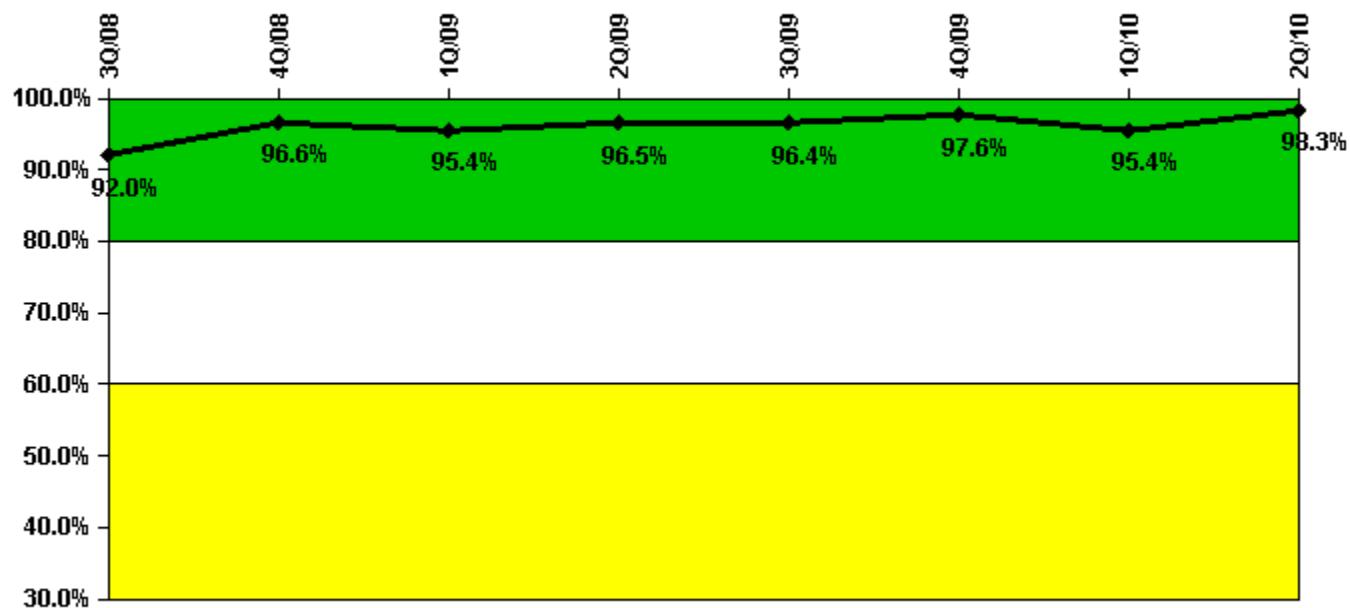
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful opportunities	15.0	45.0	8.0	18.0	11.0	50.0	8.0	8.0
Total opportunities	16.0	48.0	8.0	18.0	12.0	56.0	8.0	8.0
Indicator value	94.5%	94.8%	95.5%	95.5%	94.8%	92.4%	93.0%	93.7%

Licensee Comments: none

ERO Drill Participation



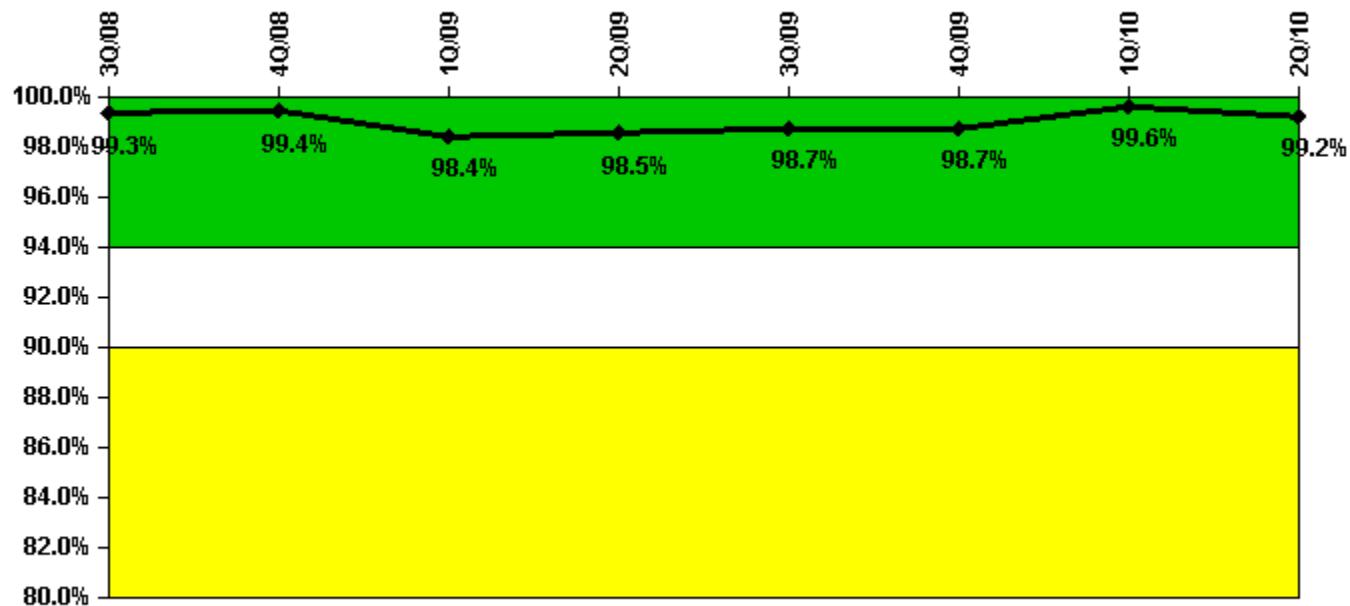
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Participating Key personnel	161.0	168.0	165.0	164.0	162.0	165.0	166.0	169.0
Total Key personnel	175.0	174.0	173.0	170.0	168.0	169.0	174.0	172.0
Indicator value	92.0%	96.6%	95.4%	96.5%	96.4%	97.6%	95.4%	98.3%

Licensee Comments: none

Alert & Notification System



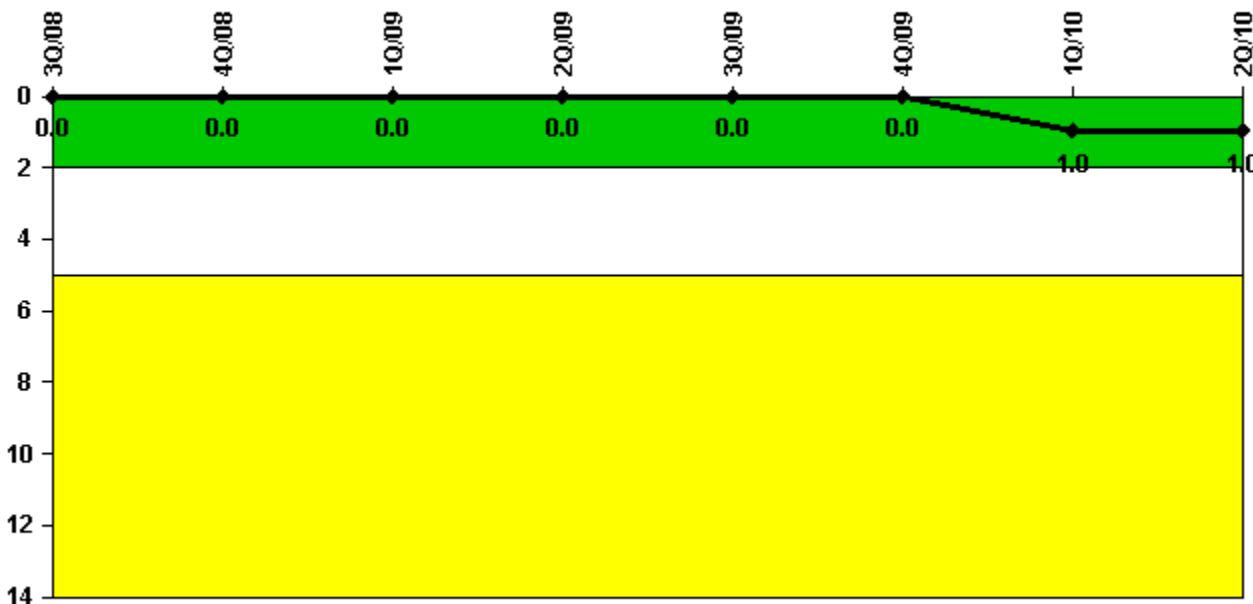
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
Successful siren-tests	1852	1806	1733	1804	1799	1873	1731	1774
Total sirens-tests	1876	1809	1809	1809	1809	1876	1742	1809
Indicator value	99.3%	99.4%	98.4%	98.5%	98.7%	98.7%	99.6%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



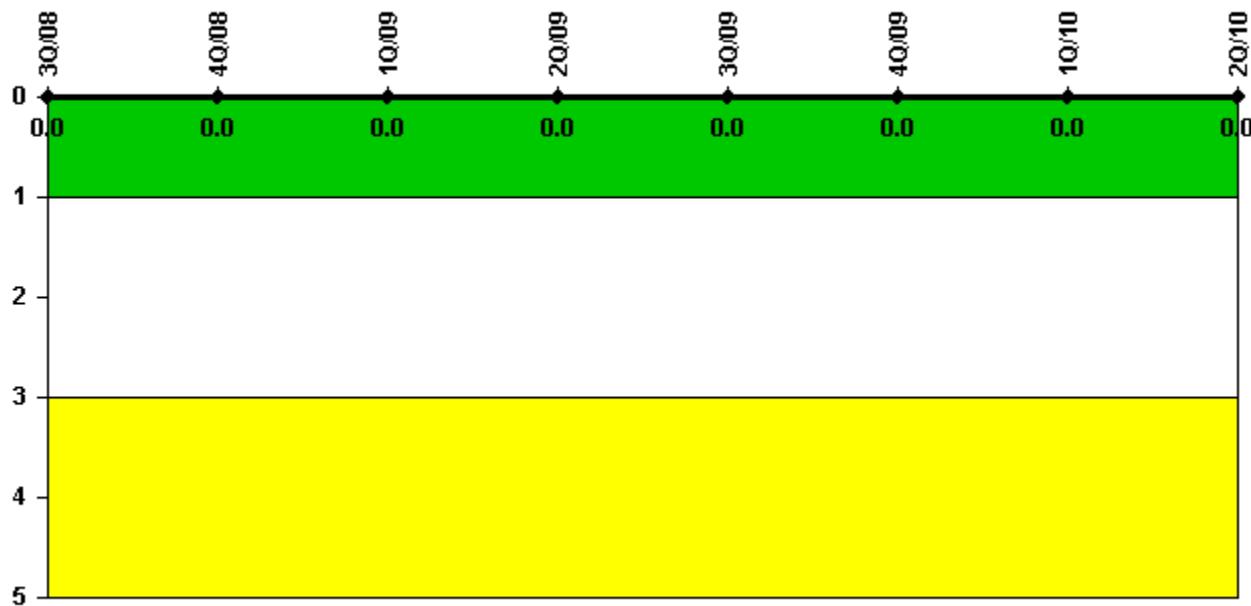
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
High radiation area occurrences	0	0	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/08	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Security information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

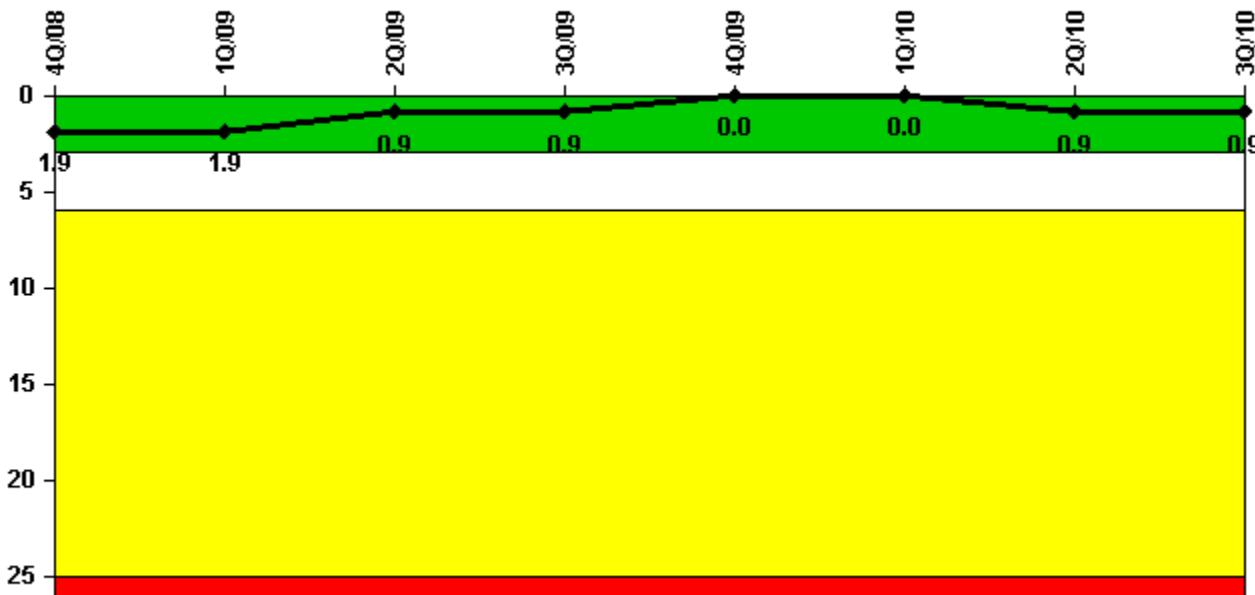
Last Modified: July 26, 2010

McGuire 1

3Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



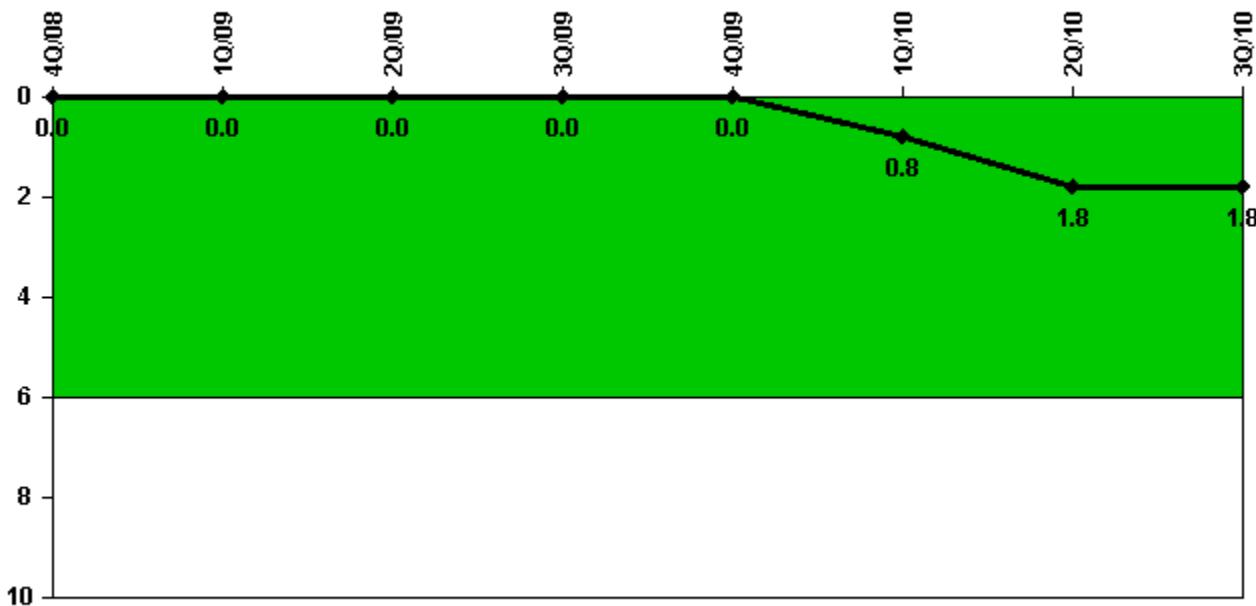
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned scrams	1.0	0	0	0	0	0	1.0	0
Critical hours	1204.3	2159.0	2184.0	2208.0	2209.0	1711.1	1723.8	2208.0
Indicator value	1.9	1.9	0.9	0.9	0	0	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



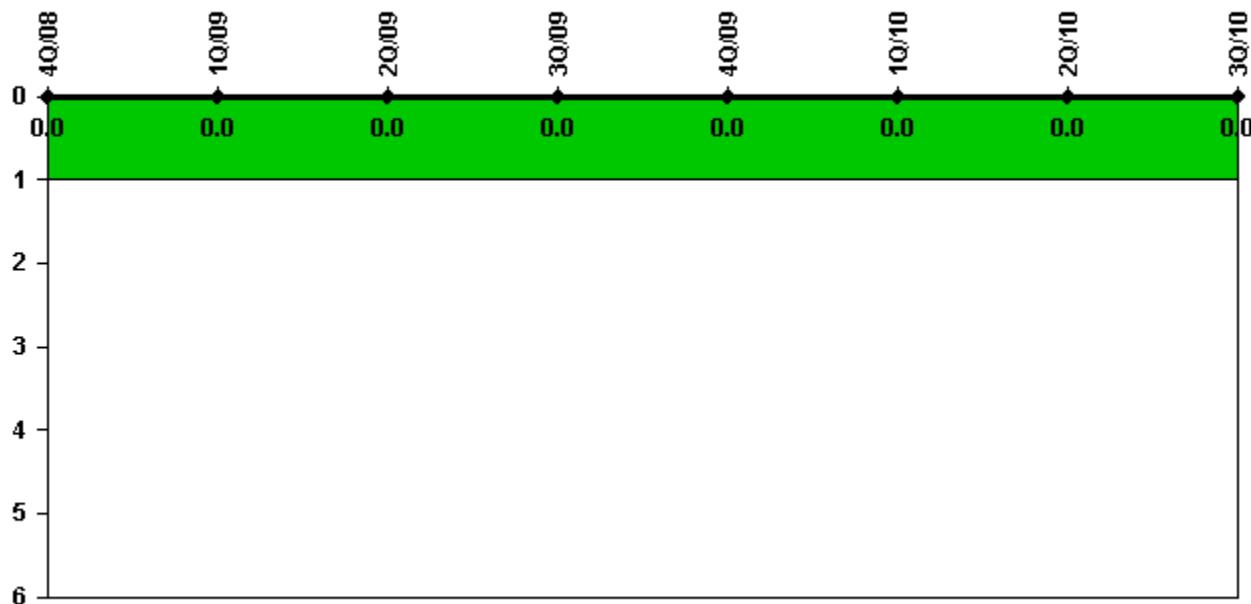
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Unplanned power changes	0	0	0	0	0	1.0	1.0	0
Critical hours	1204.3	2159.0	2184.0	2208.0	2209.0	1711.1	1723.8	2208.0
Indicator value	0	0	0	0	0	0.8	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



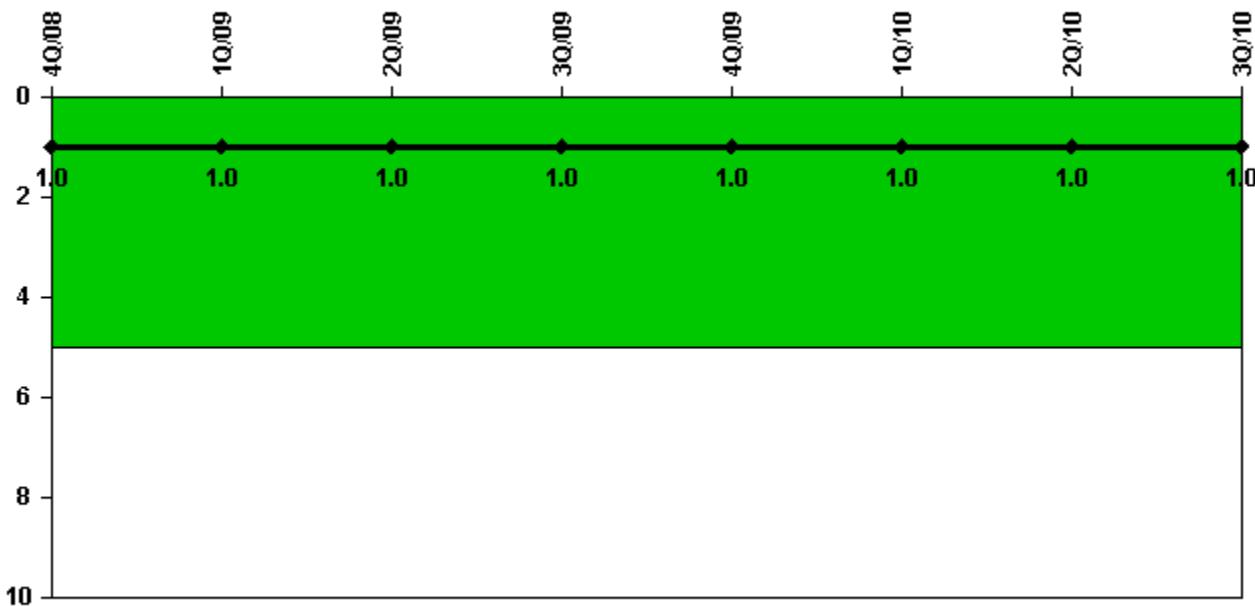
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



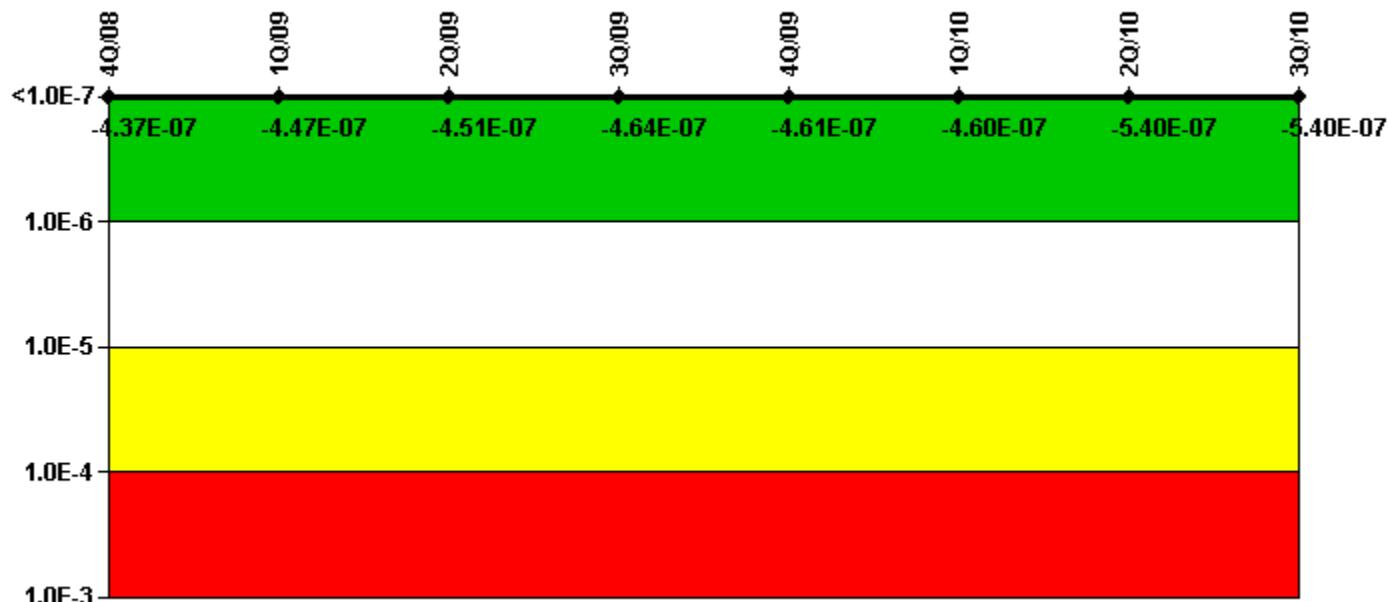
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Safety System Functional Failures	0	0	1	0	0	0	1	0
Indicator value	1							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



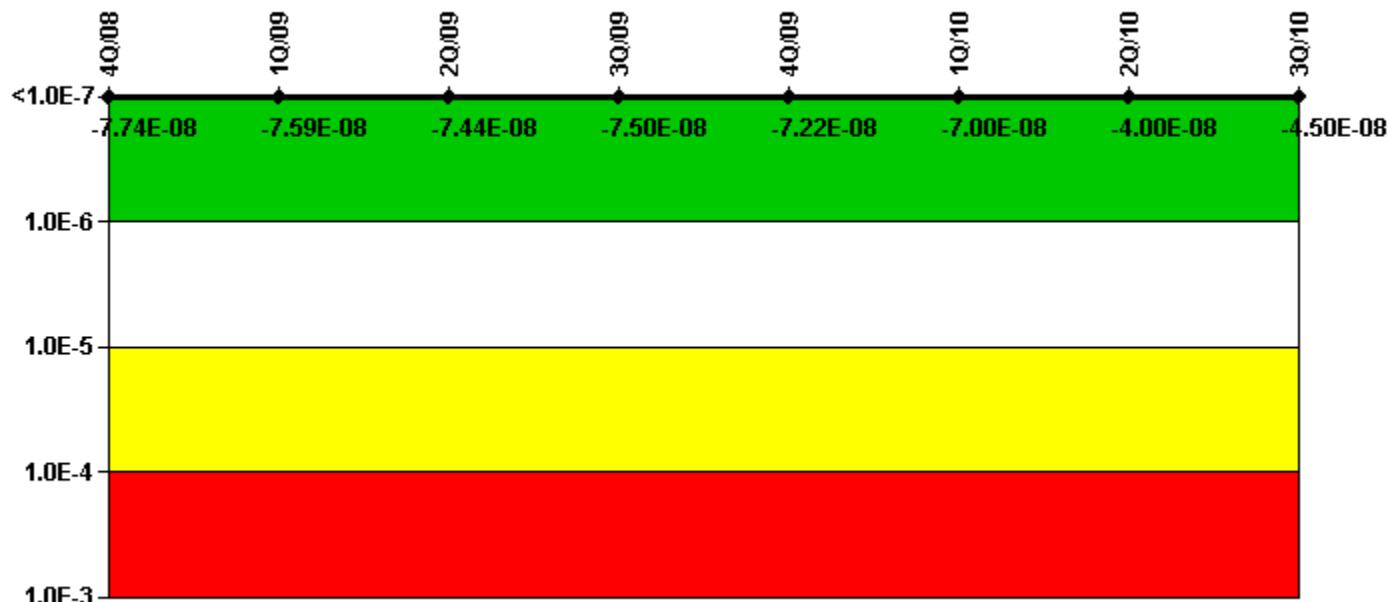
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	6.30E-08	5.30E-08	4.90E-08	3.60E-08	3.90E-08	3.61E-08	-3.81E-08	-4.06E-08
URI (Δ CDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.01E-07	-5.01E-07	-5.01E-07
PLE	NO							
Indicator value	-4.37E-07	-4.47E-07	-4.51E-07	-4.64E-07	-4.61E-07	-4.60E-07	-5.40E-07	-5.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-2.40E-09	-8.80E-10	5.60E-10	4.40E-11	2.80E-09	5.04E-09	8.75E-09	3.96E-09
URI (Δ CDF)	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.53E-08	-4.91E-08	-4.91E-08
PLE	NO							
Indicator value	-7.74E-08	-7.59E-08	-7.44E-08	-7.50E-08	-7.22E-08	-7.00E-08	-4.00E-08	-4.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



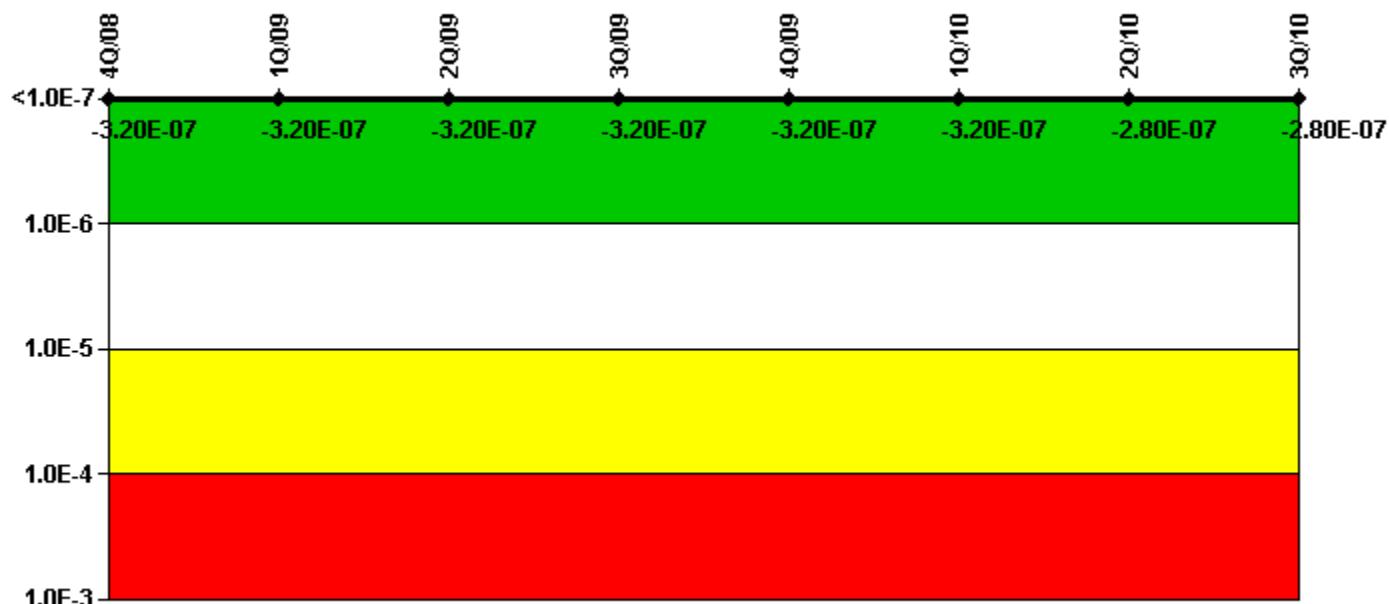
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	1.10E-07	4.80E-08	5.80E-08	4.40E-08	3.60E-08	4.56E-08	4.69E-08	4.75E-08
URI (Δ CDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.65E-07	-1.71E-07	-1.71E-07
PLE	NO							
Indicator value	-6.00E-08	-1.22E-07	-1.12E-07	-1.26E-07	-1.34E-07	-1.20E-07	-1.20E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



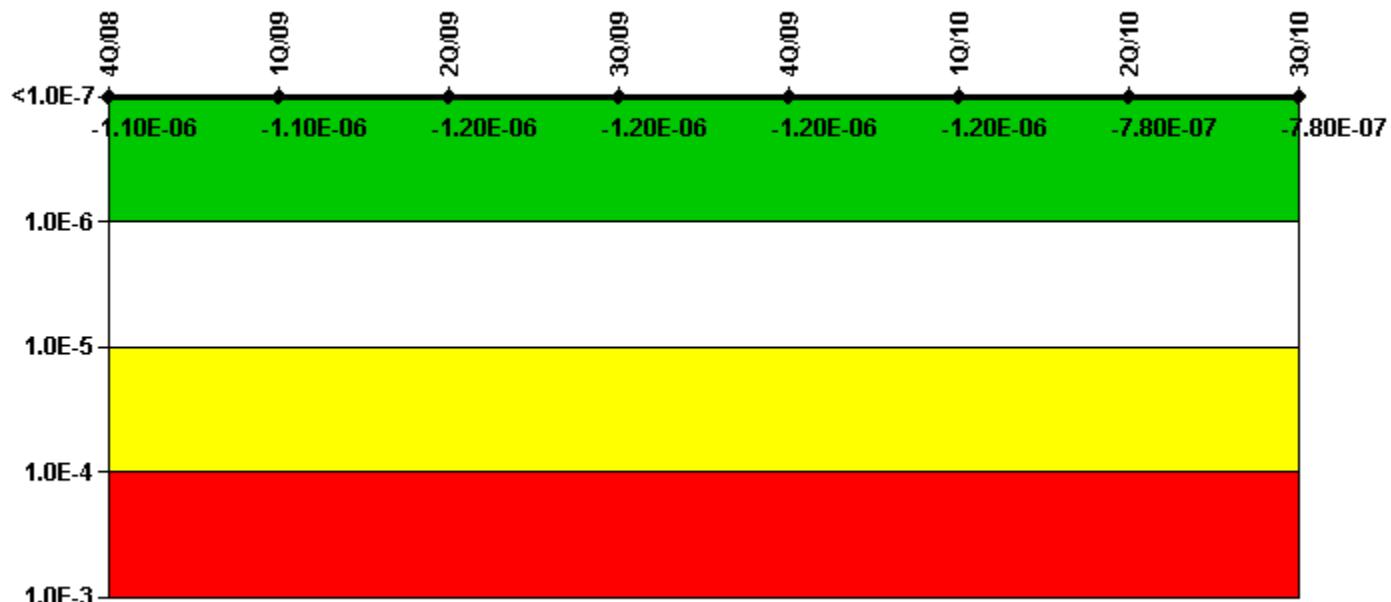
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	-3.02E-08	-3.02E-08	-3.02E-08	-3.02E-08	-3.02E-08	-3.02E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-2.85E-07	-2.85E-07	-2.85E-07	-2.85E-07	-2.85E-07	-2.85E-07	-2.47E-07	-2.47E-07
PLE	NO							
Indicator value	-3.20E-07	-3.20E-07	-3.20E-07	-3.20E-07	-3.20E-07	-3.20E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



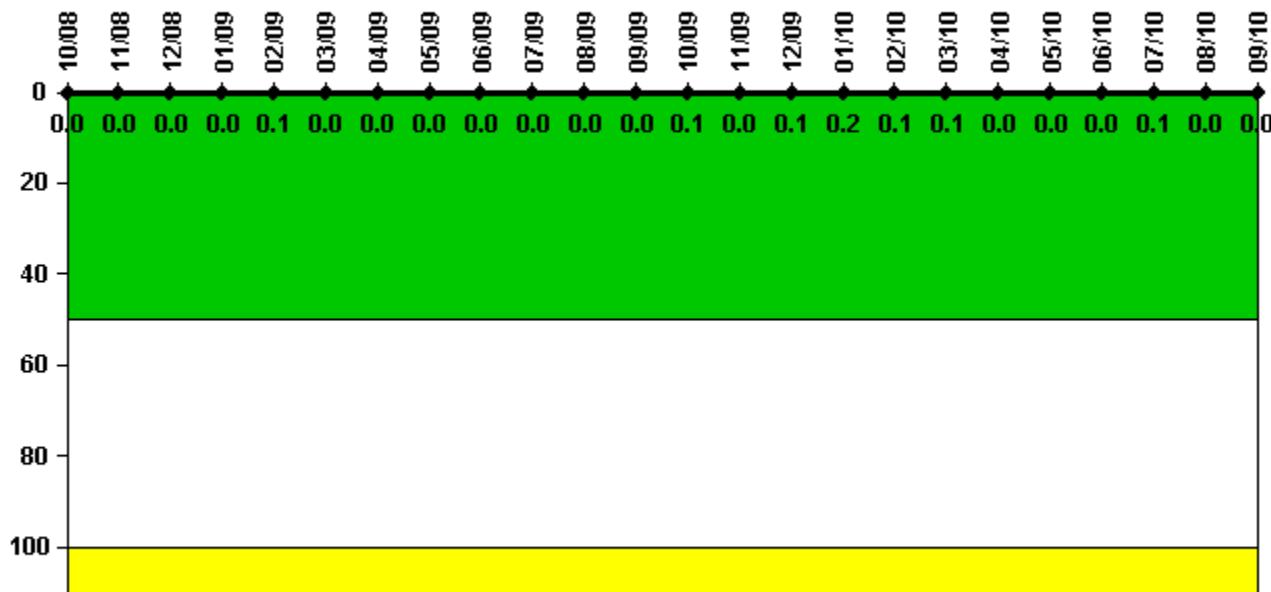
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
UAI (Δ CDF)	1.21E-07	1.24E-07	5.83E-08	5.43E-08	5.47E-08	3.92E-08	3.11E-07	3.09E-07
URI (Δ CDF)	-1.24E-06	-1.24E-06	-1.24E-06	-1.24E-06	-1.24E-06	-1.24E-06	-1.09E-06	-1.09E-06
PLE	NO							
Indicator value	-1.10E-06	-1.10E-06	-1.20E-06	-1.20E-06	-1.20E-06	-1.20E-06	-7.80E-07	-7.80E-07

Licensee Comments: none

Reactor Coolant System Activity



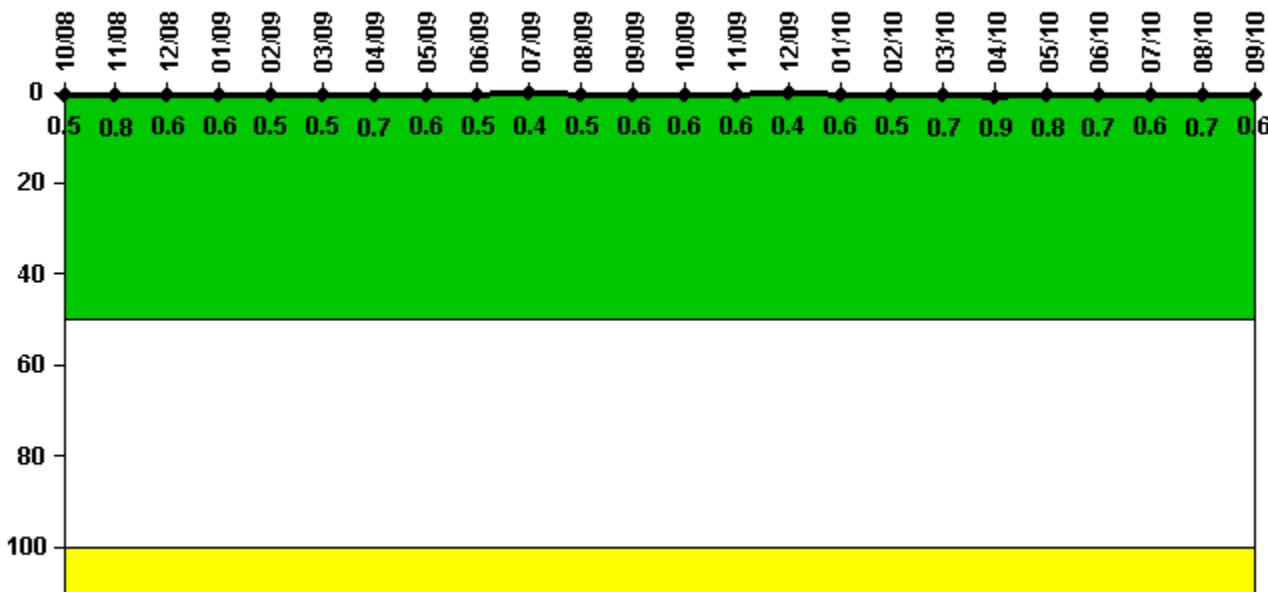
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum activity	0	0.000292	0.000359	0.000362	0.000576	0.000419	0.000417	0.000418	0.000345	0.000390	0.000390	0.000411
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.001241	0.000484	0.000631	0.001969	0.000532	0.001110	0.000309	0.000362	0.000337	0.000516	0.000372	0.000377
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0.1	0.2	0.1	0.1	0	0	0	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



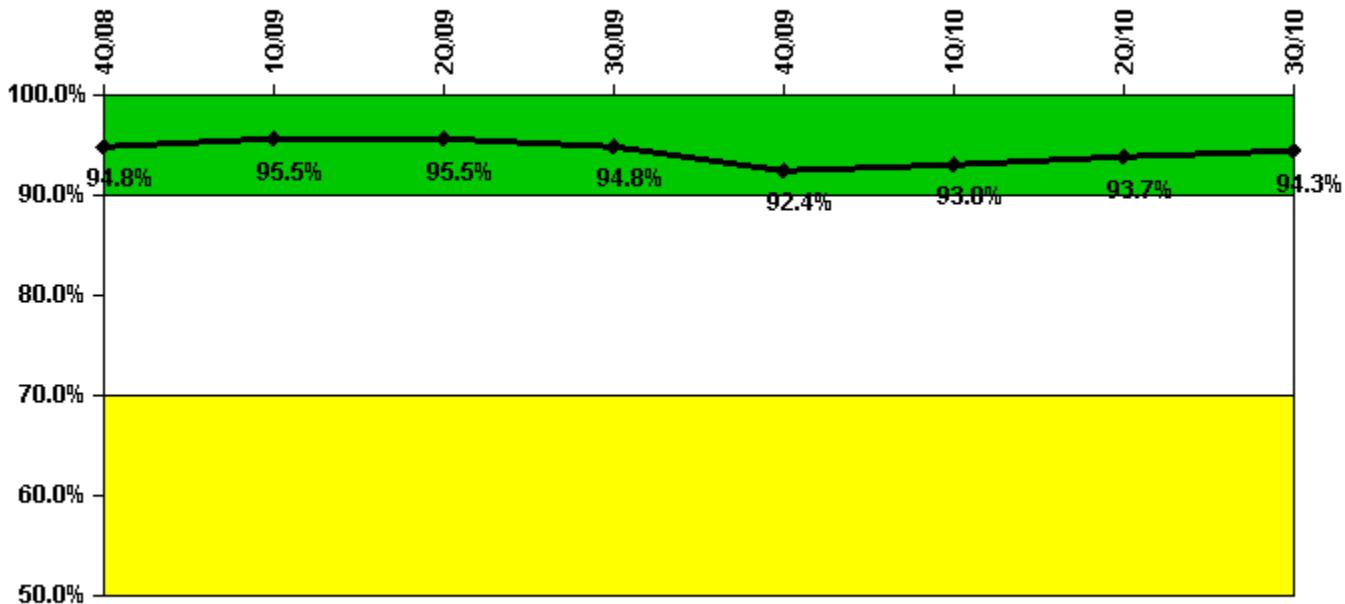
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/08	11/08	12/08	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09
Maximum leakage	0.051	0.080	0.056	0.062	0.049	0.049	0.069	0.060	0.052	0.044	0.053	0.057
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.8	0.6	0.6	0.5	0.5	0.7	0.6	0.5	0.4	0.5	0.6
Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.063	0.063	0.044	0.063	0.047	0.071	0.088	0.078	0.071	0.061	0.069	0.061
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.4	0.6	0.5	0.7	0.9	0.8	0.7	0.6	0.7	0.6

Licensee Comments: none

Drill/Exercise Performance



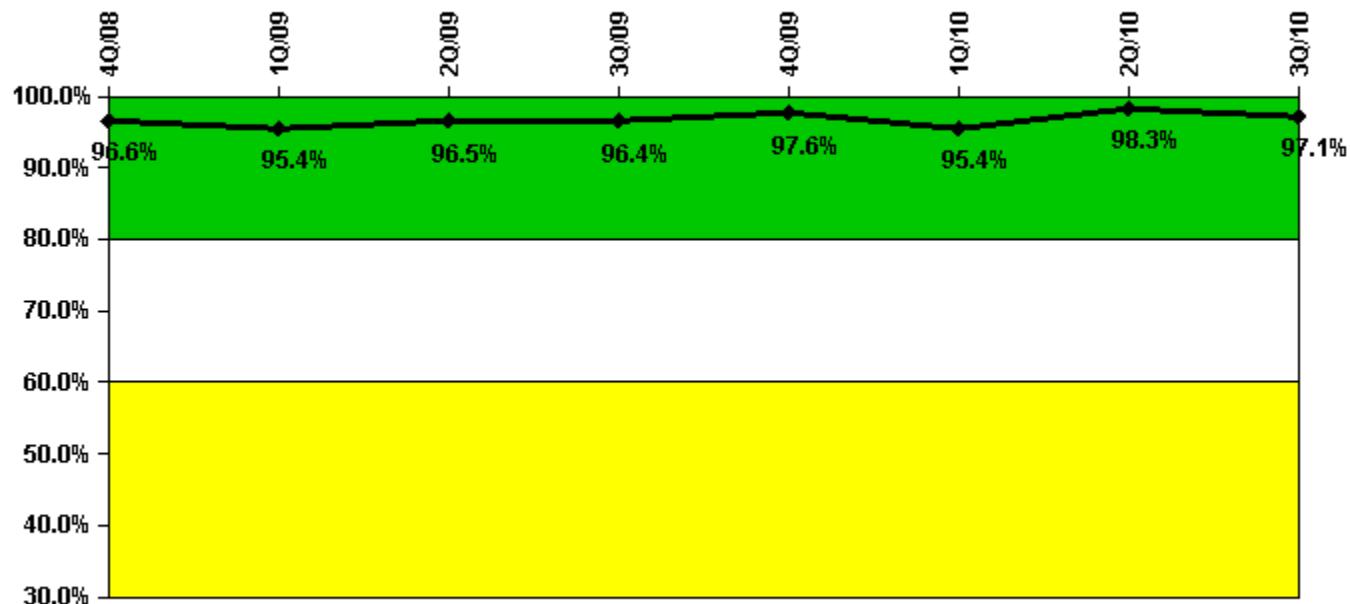
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful opportunities	45.0	8.0	18.0	11.0	50.0	8.0	8.0	17.0
Total opportunities	48.0	8.0	18.0	12.0	56.0	8.0	8.0	17.0
Indicator value	94.8%	95.5%	95.5%	94.8%	92.4%	93.0%	93.7%	94.3%

Licensee Comments: none

ERO Drill Participation



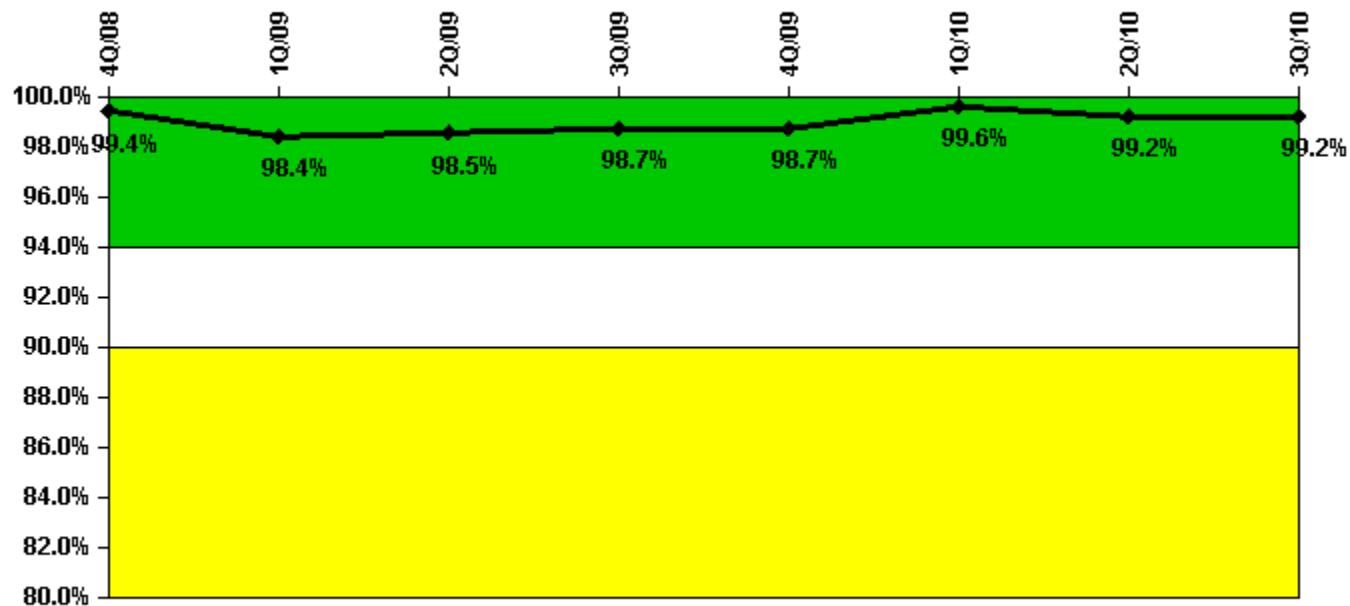
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Participating Key personnel	168.0	165.0	164.0	162.0	165.0	166.0	169.0	167.0
Total Key personnel	174.0	173.0	170.0	168.0	169.0	174.0	172.0	172.0
Indicator value	96.6%	95.4%	96.5%	96.4%	97.6%	95.4%	98.3%	97.1%

Licensee Comments: none

Alert & Notification System



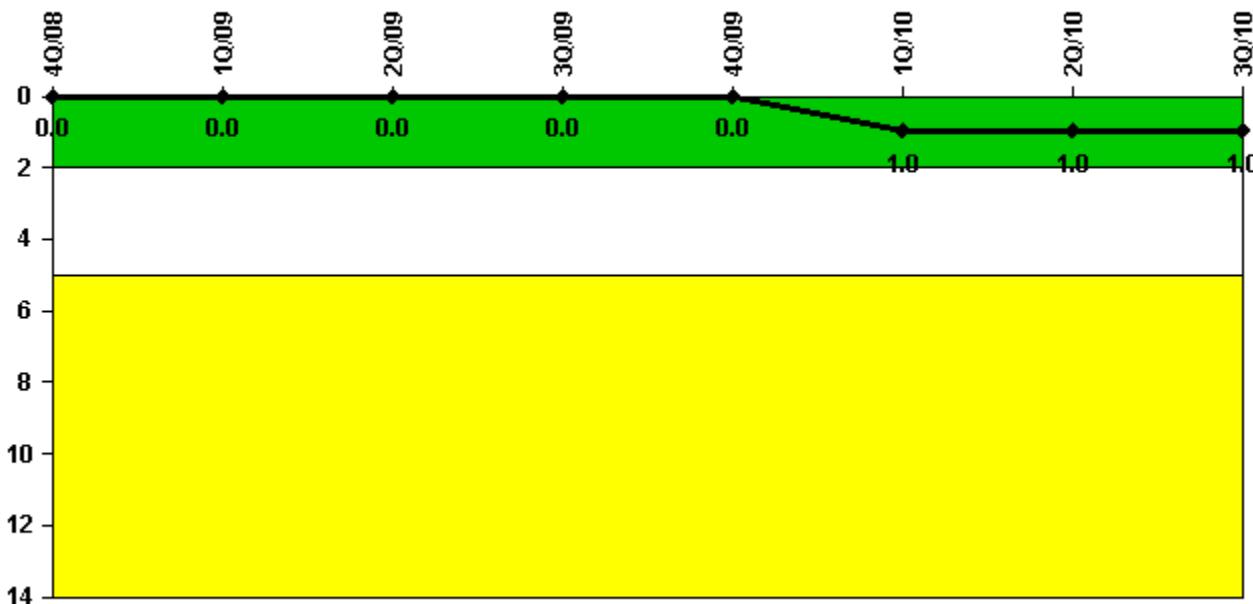
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
Successful siren-tests	1806	1733	1804	1799	1873	1731	1774	1868
Total sirens-tests	1809	1809	1809	1809	1876	1742	1809	1876
Indicator value	99.4%	98.4%	98.5%	98.7%	98.7%	99.6%	99.2%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



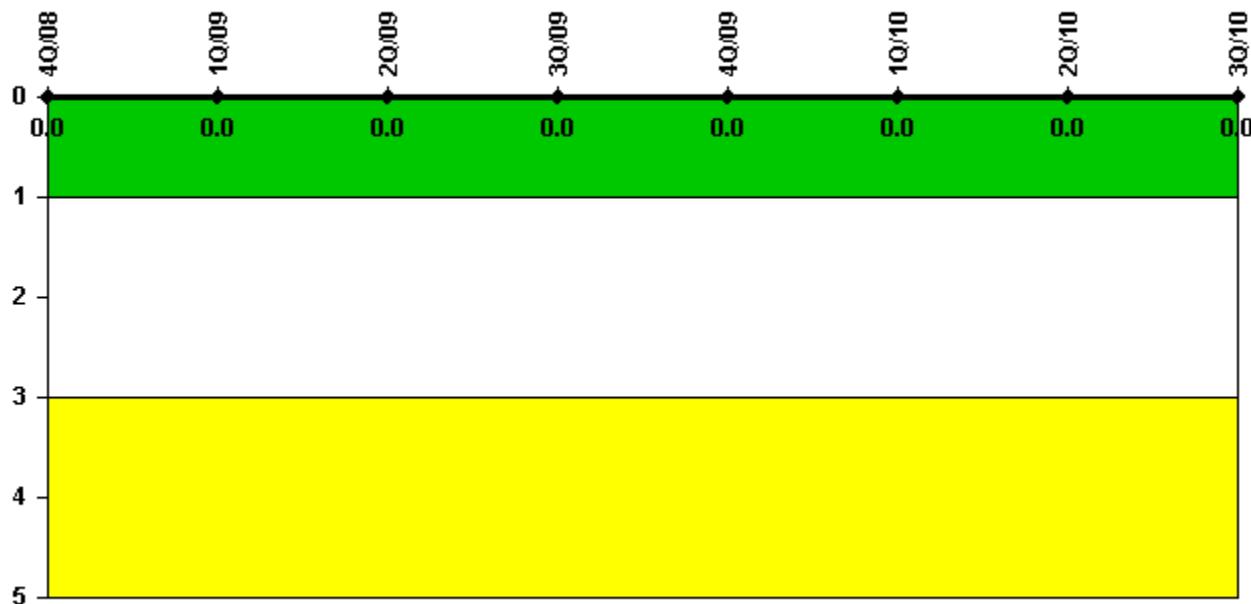
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
High radiation area occurrences	0	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/08	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Security information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

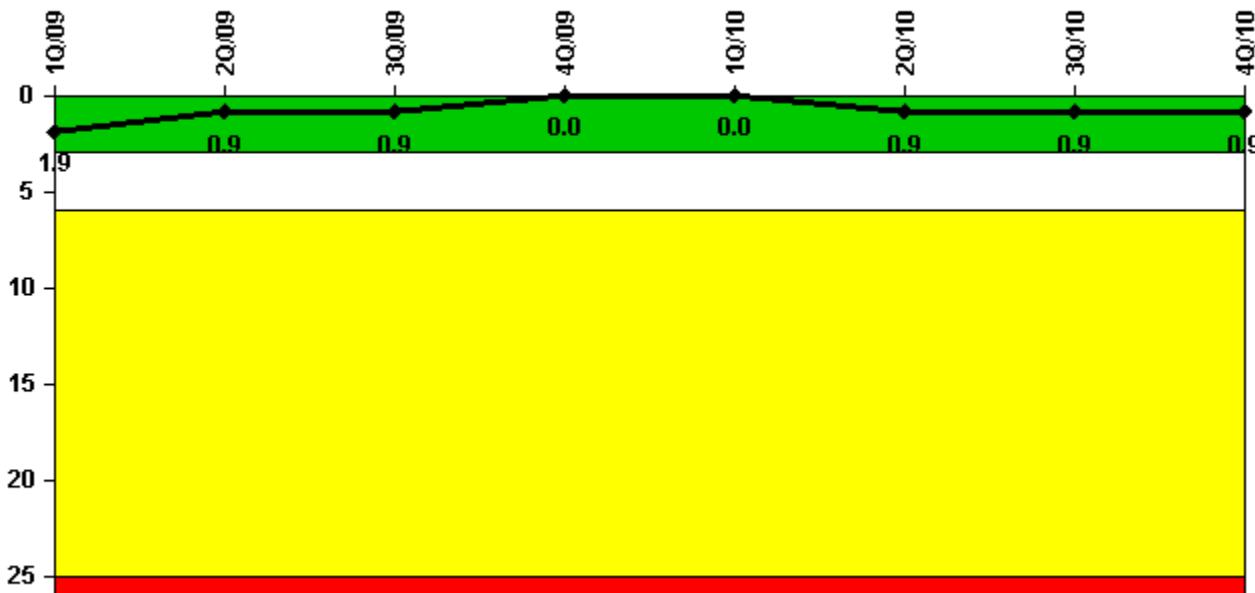
Last Modified: October 25, 2010

McGuire 1

4Q/2010 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



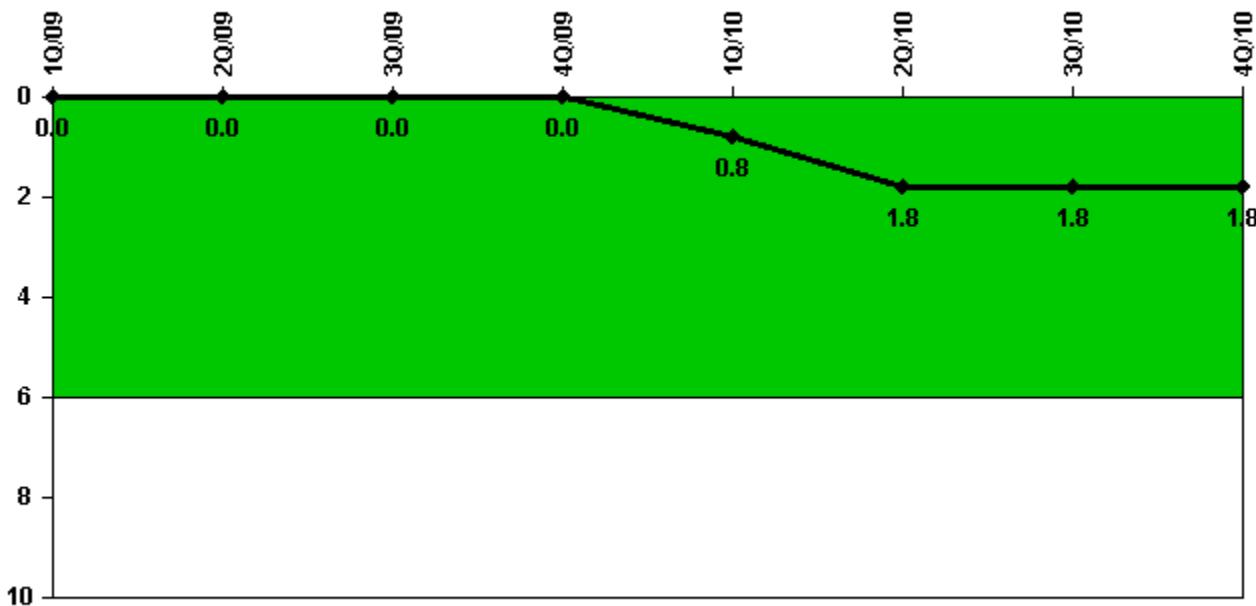
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1711.1	1723.8	2208.0	2209.0
Indicator value	1.9	0.9	0.9	0	0	0.9	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



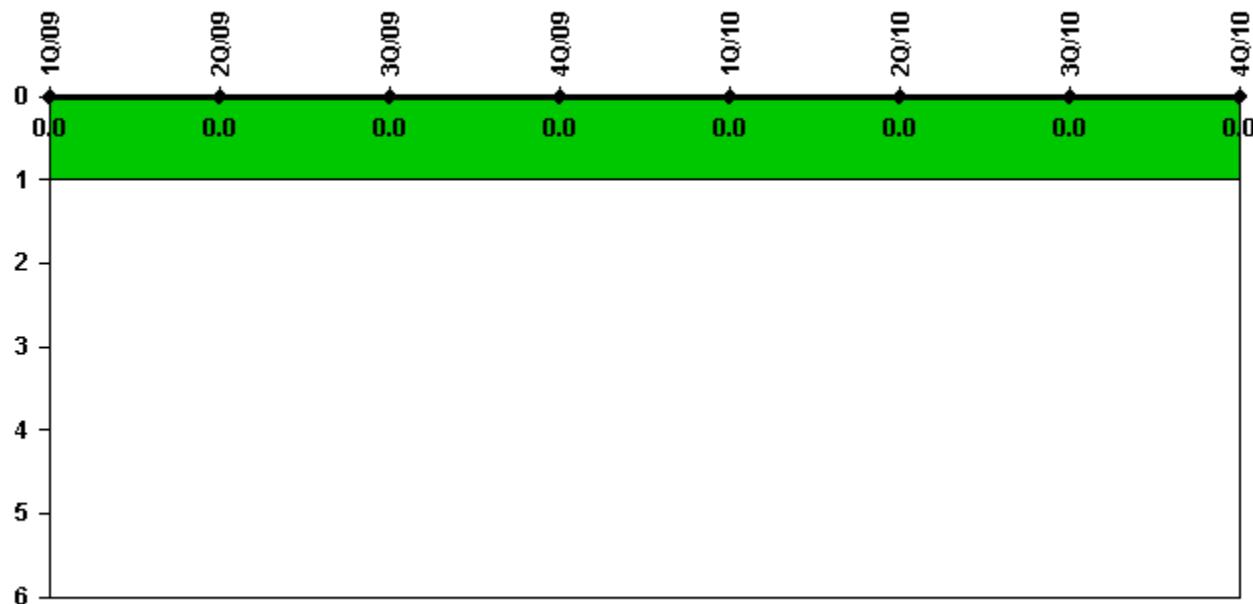
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Unplanned power changes	0	0	0	0	1.0	1.0	0	0
Critical hours	2159.0	2184.0	2208.0	2209.0	1711.1	1723.8	2208.0	2209.0
Indicator value	0	0	0	0	0.8	1.8	1.8	1.8

Licensee Comments: none

Unplanned Scrams with Complications



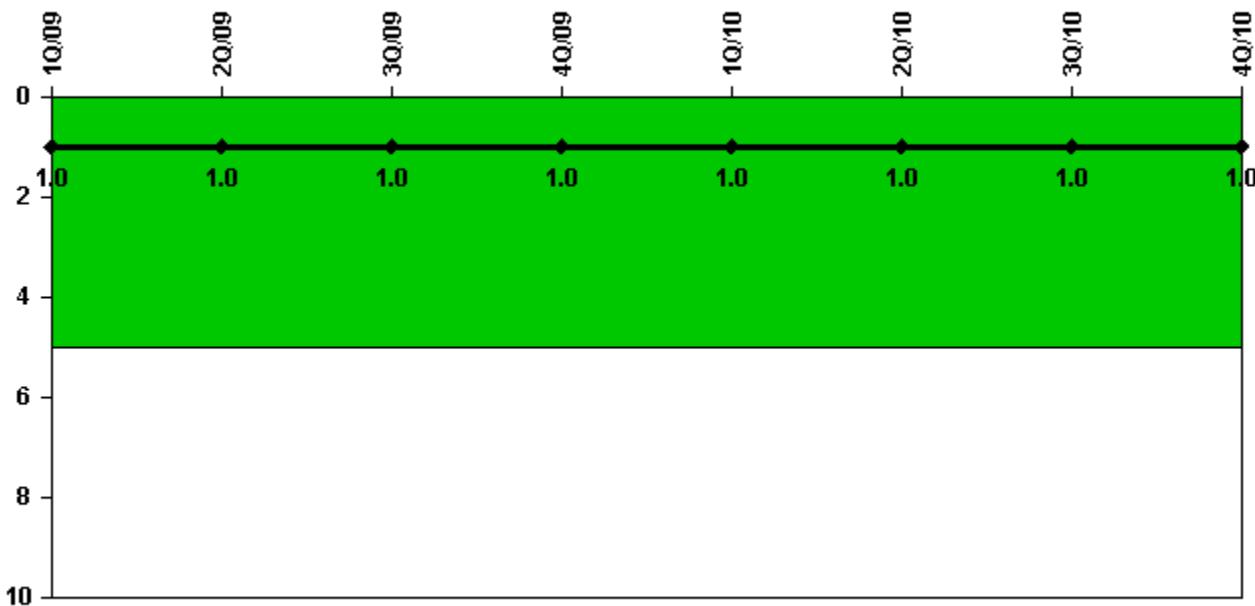
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



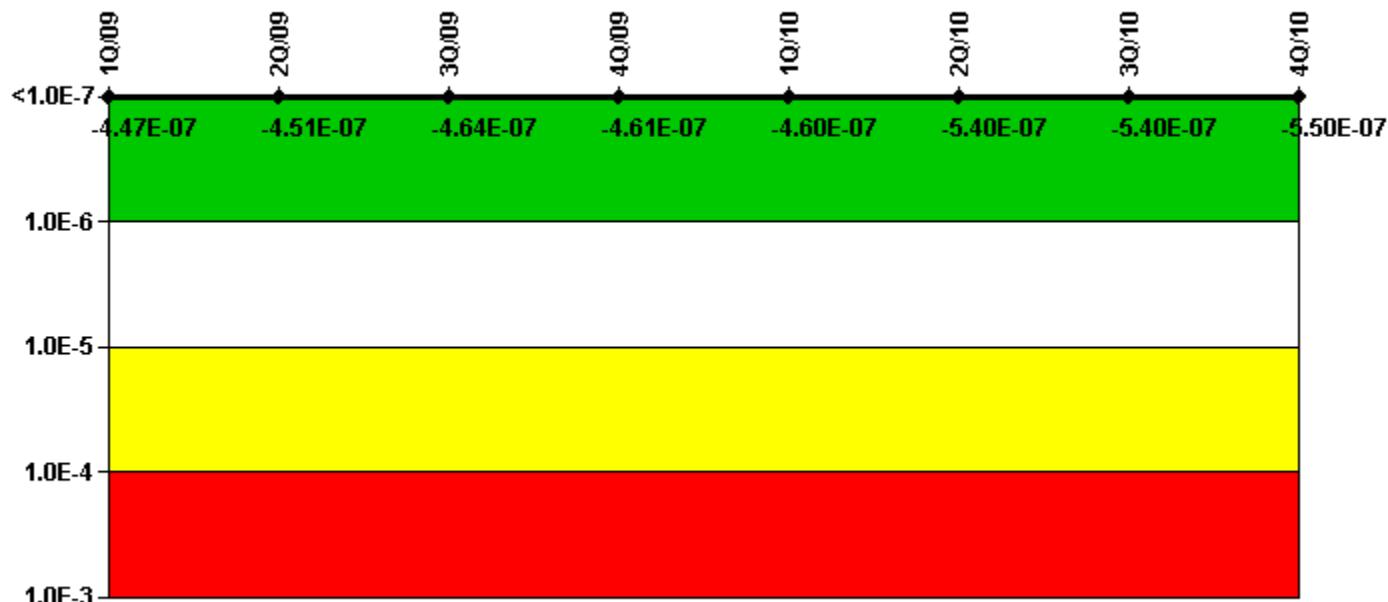
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Safety System Functional Failures	0	1	0	0	0	1	0	0
Indicator value	1							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



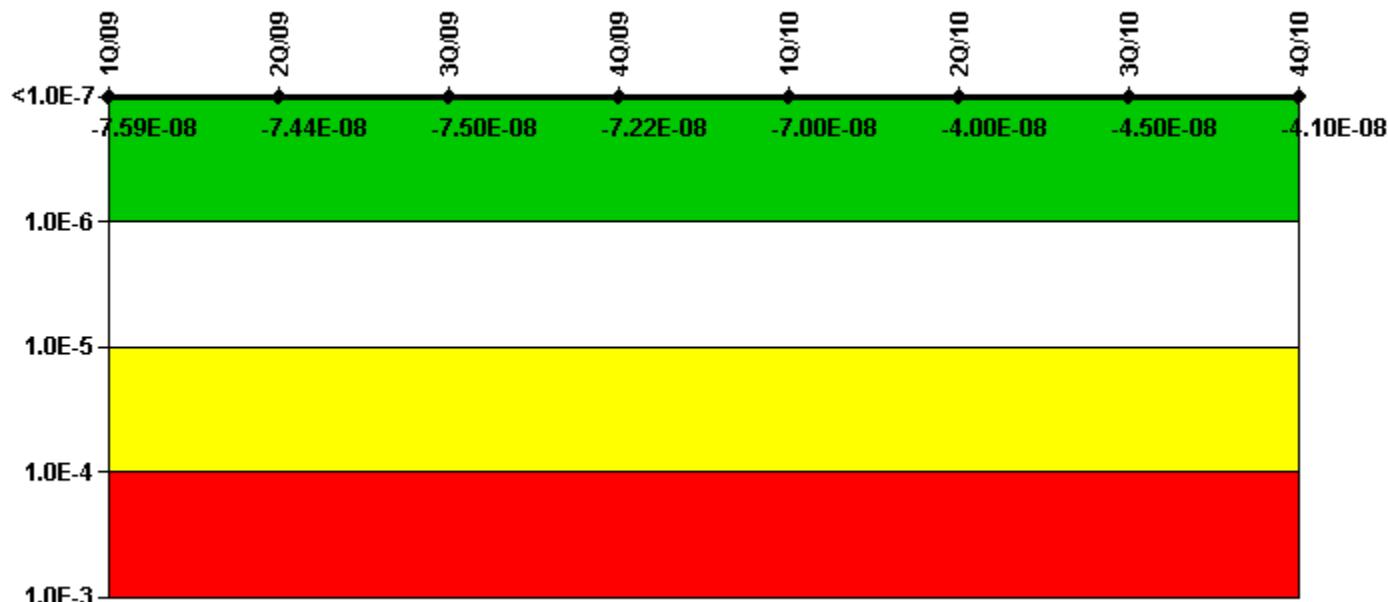
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	5.30E-08	4.90E-08	3.60E-08	3.90E-08	3.61E-08	-3.81E-08	-4.06E-08	-5.15E-08
URI (Δ CDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.00E-07	-5.01E-07	-5.01E-07	-5.01E-07	-5.01E-07
PLE	NO							
Indicator value	-4.47E-07	-4.51E-07	-4.64E-07	-4.61E-07	-4.60E-07	-5.40E-07	-5.40E-07	-5.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



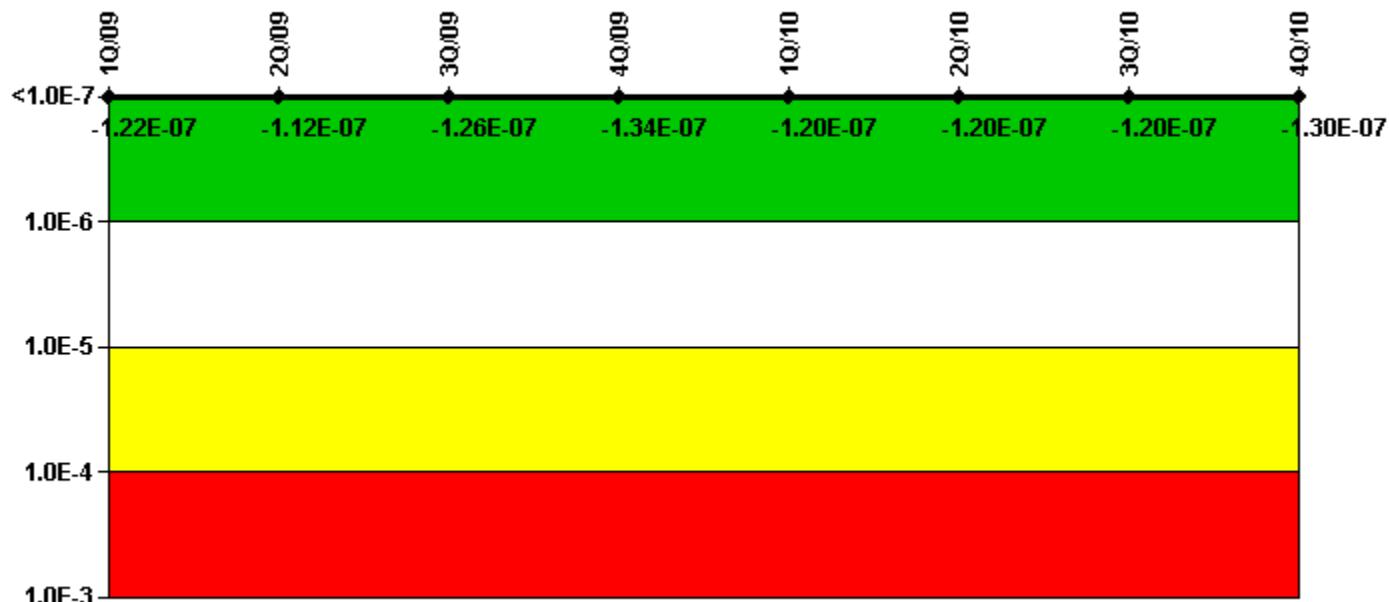
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-8.80E-10	5.60E-10	4.40E-11	2.80E-09	5.04E-09	8.75E-09	3.96E-09	8.20E-09
URI (Δ CDF)	-7.50E-08	-7.50E-08	-7.50E-08	-7.50E-08	-7.53E-08	-4.91E-08	-4.91E-08	-4.91E-08
PLE	NO							
Indicator value	-7.59E-08	-7.44E-08	-7.50E-08	-7.22E-08	-7.00E-08	-4.00E-08	-4.50E-08	-4.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	4.80E-08	5.80E-08	4.40E-08	3.60E-08	4.56E-08	4.69E-08	4.75E-08	4.53E-08
URI (Δ CDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.65E-07	-1.71E-07	-1.71E-07	-1.71E-07
PLE	NO							
Indicator value	-1.22E-07	-1.12E-07	-1.26E-07	-1.34E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



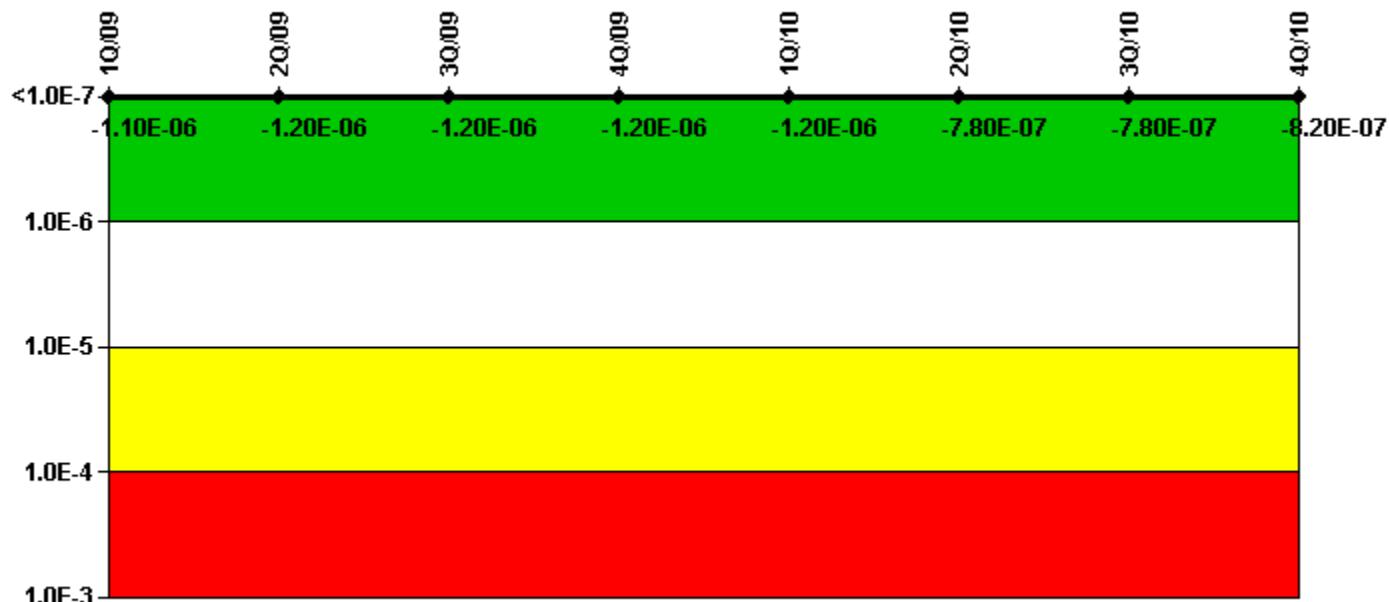
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	-3.02E-08	-3.02E-08	-3.02E-08	-3.02E-08	-3.02E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-2.85E-07	-2.85E-07	-2.85E-07	-2.85E-07	-2.85E-07	-2.47E-07	-2.47E-07	-2.47E-07
PLE	NO							
Indicator value	-3.20E-07	-3.20E-07	-3.20E-07	-3.20E-07	-3.20E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



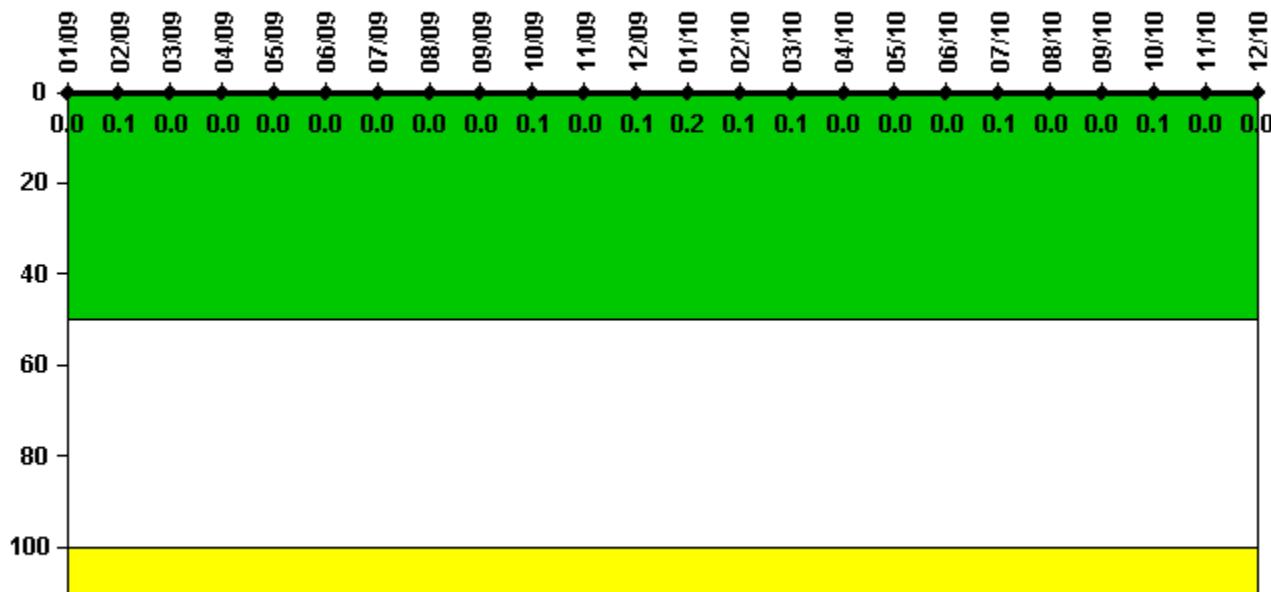
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
UAI (Δ CDF)	1.24E-07	5.83E-08	5.43E-08	5.47E-08	3.92E-08	3.11E-07	3.09E-07	2.72E-07
URI (Δ CDF)	-1.24E-06	-1.24E-06	-1.24E-06	-1.24E-06	-1.24E-06	-1.09E-06	-1.09E-06	-1.09E-06
PLE	NO							
Indicator value	-1.10E-06	-1.20E-06	-1.20E-06	-1.20E-06	-1.20E-06	-7.80E-07	-7.80E-07	-8.20E-07

Licensee Comments: none

Reactor Coolant System Activity



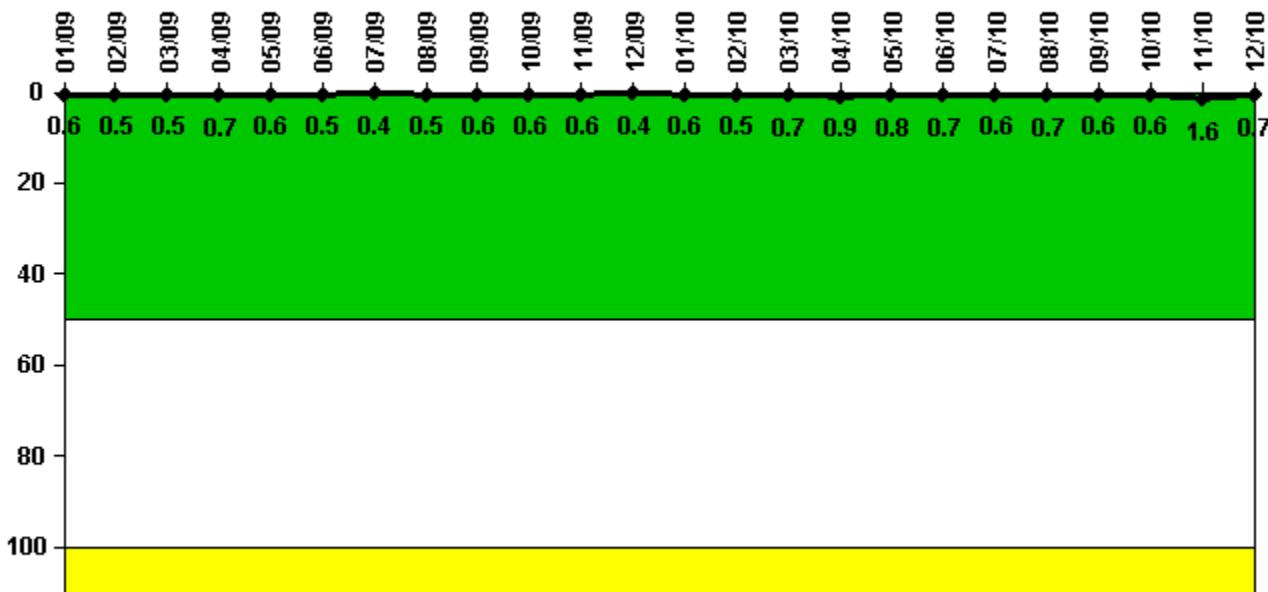
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum activity	0.000362	0.000576	0.000419	0.000417	0.000418	0.000345	0.000390	0.000390	0.000411	0.001241	0.000484	0.000631
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0	0	0	0	0	0	0.1	0	0.1
Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.001969	0.000532	0.001110	0.000309	0.000362	0.000337	0.000516	0.000372	0.000377	0.000870	0.000412	0.000441
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0	0	0	0.1	0	0	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



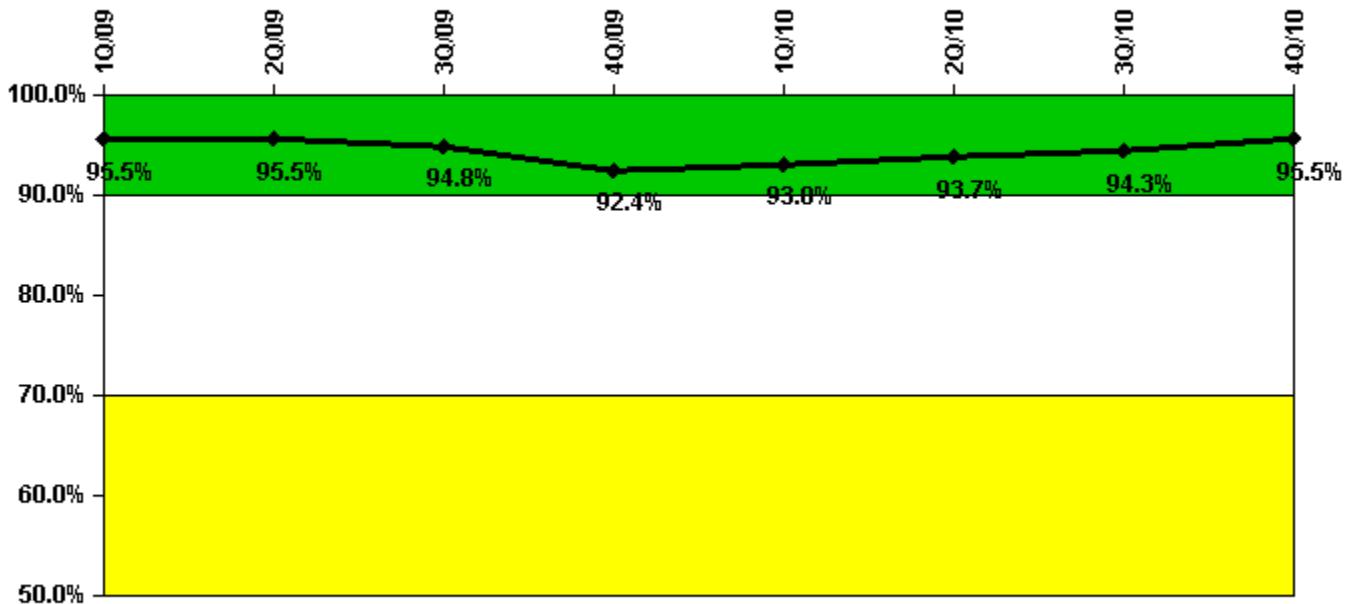
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/09	2/09	3/09	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09
Maximum leakage	0.062	0.049	0.049	0.069	0.060	0.052	0.044	0.053	0.057	0.063	0.063	0.044
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0.5	0.7	0.6	0.5	0.4	0.5	0.6	0.6	0.6	0.4
Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.063	0.047	0.071	0.088	0.078	0.071	0.061	0.069	0.061	0.063	0.157	0.067
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0.7	0.9	0.8	0.7	0.6	0.7	0.6	0.6	1.6	0.7

Licensee Comments: none

Drill/Exercise Performance



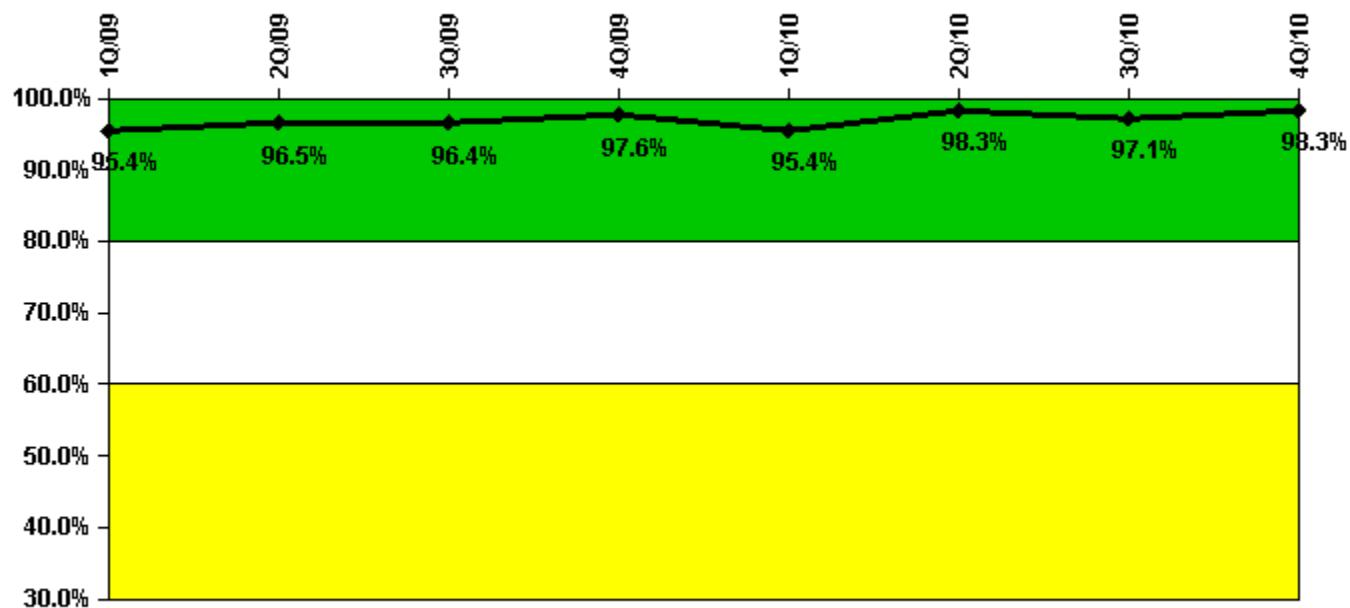
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful opportunities	8.0	18.0	11.0	50.0	8.0	8.0	17.0	51.0
Total opportunities	8.0	18.0	12.0	56.0	8.0	8.0	17.0	52.0
Indicator value	95.5%	95.5%	94.8%	92.4%	93.0%	93.7%	94.3%	95.5%

Licensee Comments: none

ERO Drill Participation



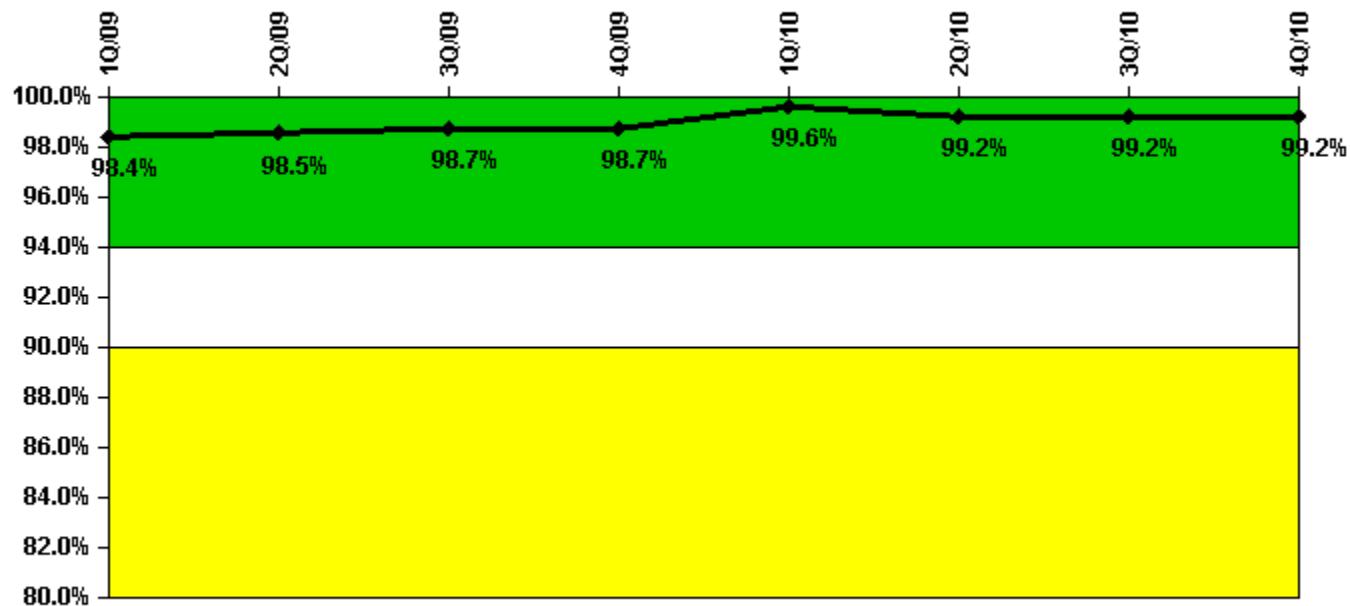
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Participating Key personnel	165.0	164.0	162.0	165.0	166.0	169.0	167.0	171.0
Total Key personnel	173.0	170.0	168.0	169.0	174.0	172.0	172.0	174.0
Indicator value	95.4%	96.5%	96.4%	97.6%	95.4%	98.3%	97.1%	98.3%

Licensee Comments: none

Alert & Notification System



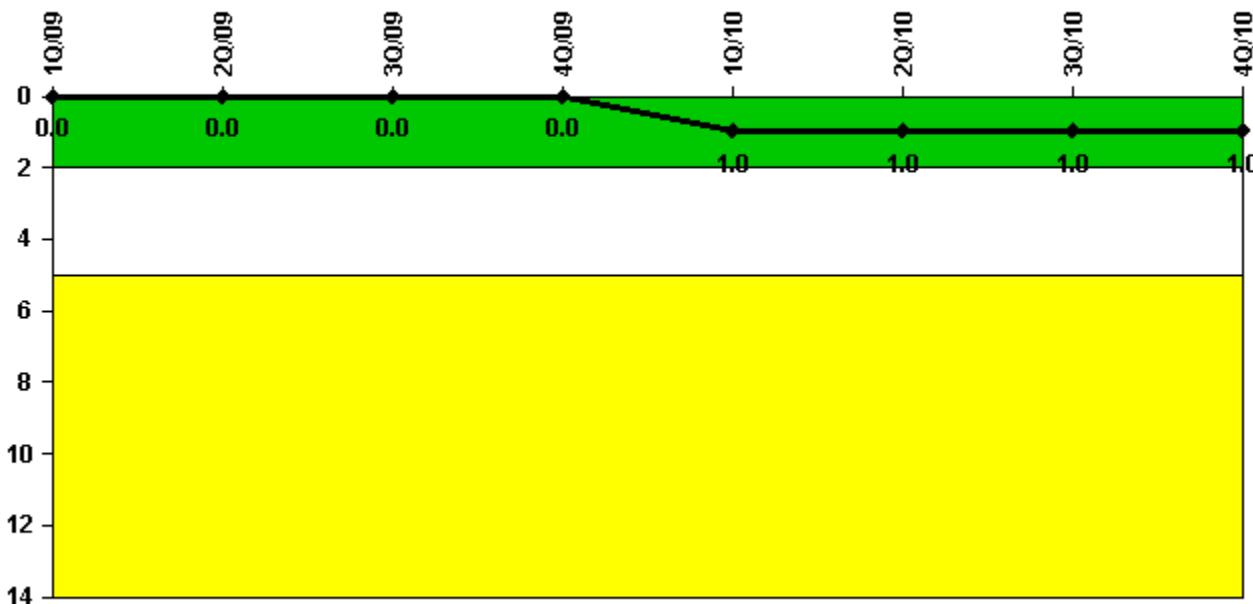
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
Successful siren-tests	1733	1804	1799	1873	1731	1774	1868	1807
Total sirens-tests	1809	1809	1809	1876	1742	1809	1876	1809
Indicator value	98.4%	98.5%	98.7%	98.7%	99.6%	99.2%	99.2%	99.2%

Licensee Comments: none

Occupational Exposure Control Effectiveness



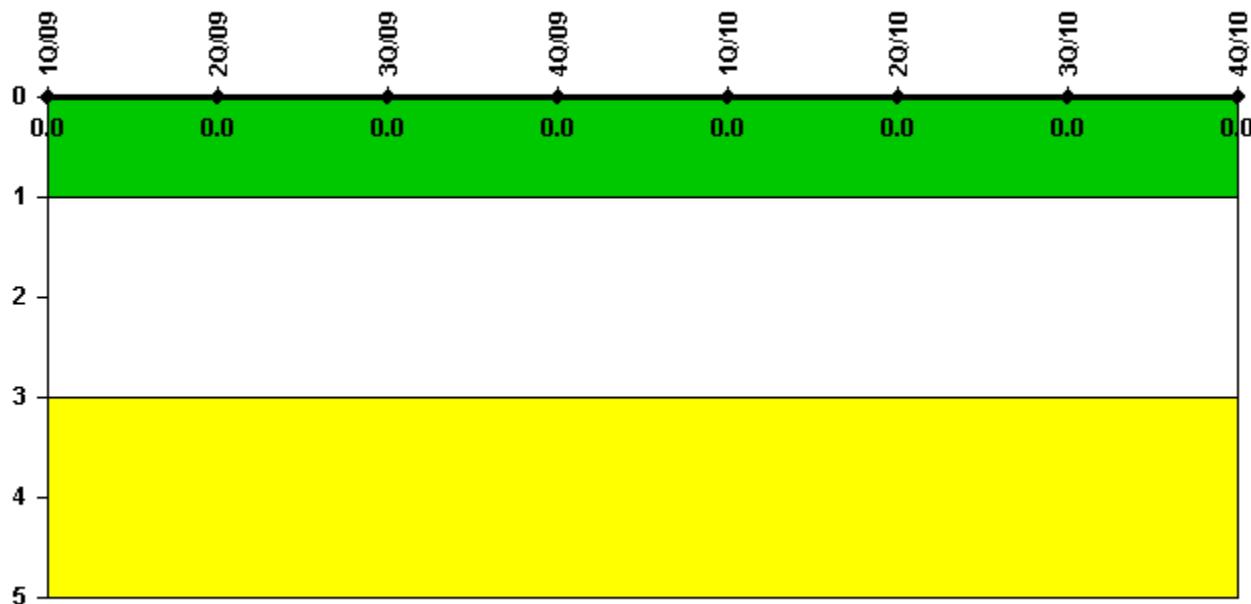
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/09	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

[Security](#) information not publicly available.



[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

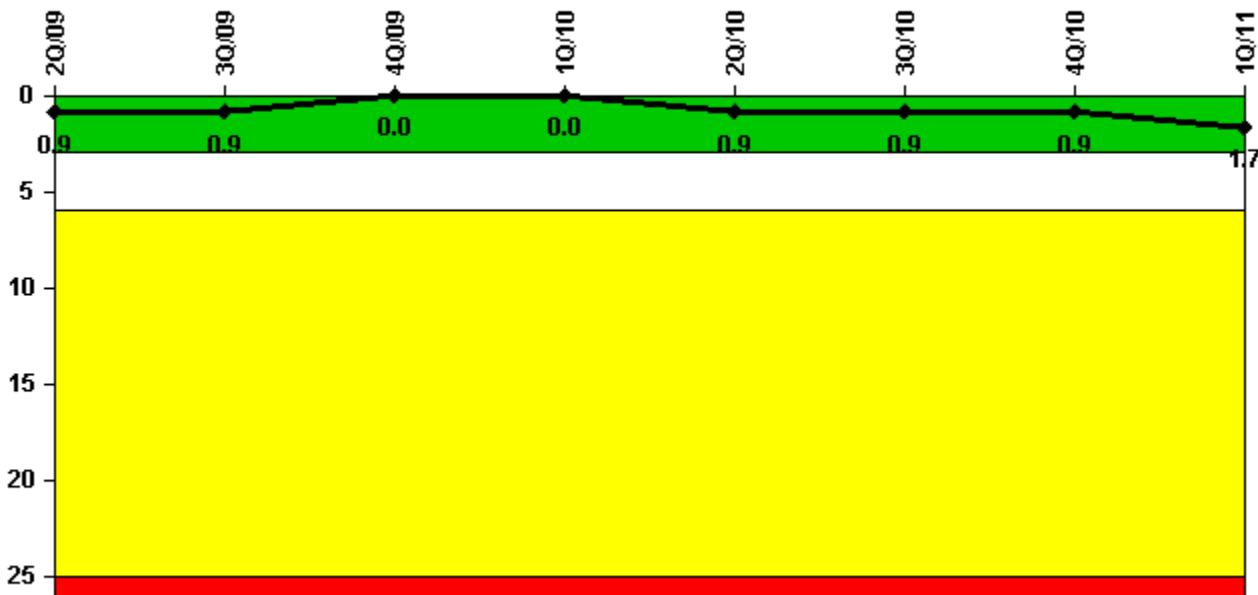
Last Modified: January 24, 2011

McGuire 1

1Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



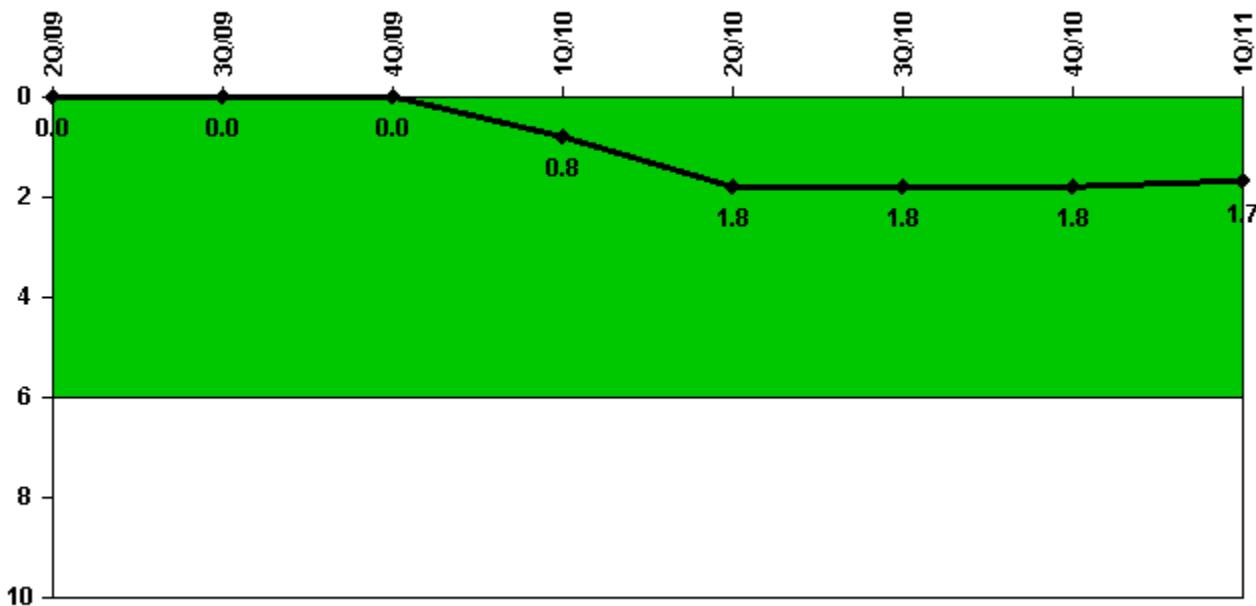
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned scrams	0	0	0	0	1.0	0	0	1.0
Critical hours	2184.0	2208.0	2209.0	1711.1	1723.8	2208.0	2209.0	2062.1
Indicator value	0.9	0.9	0	0	0.9	0.9	0.9	1.7

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



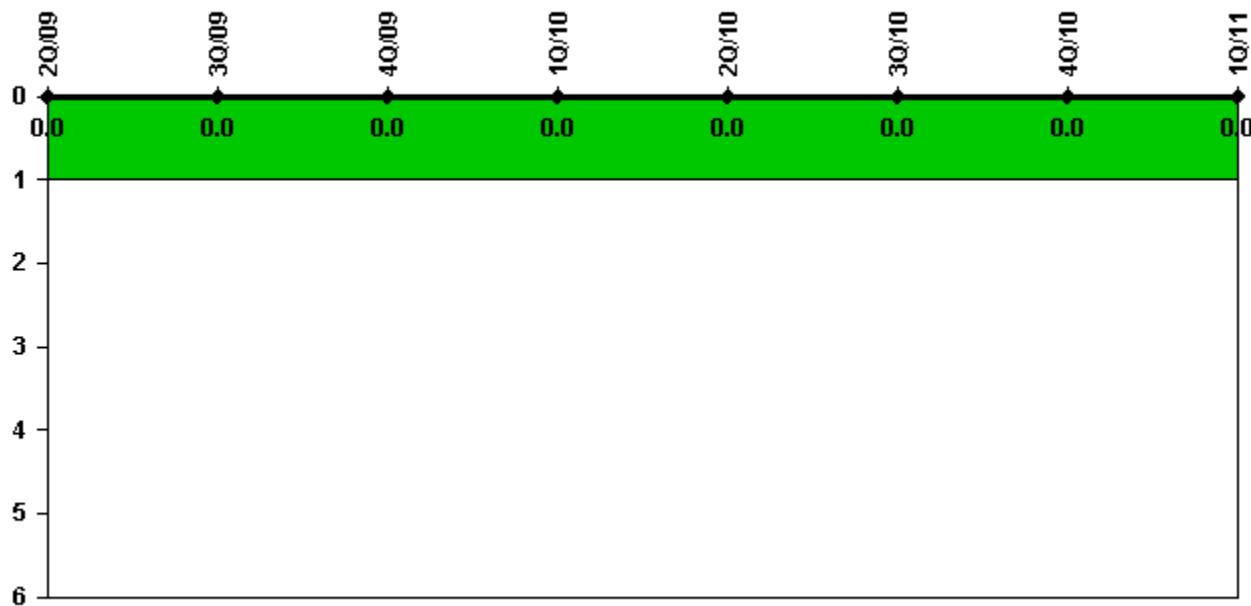
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Unplanned power changes	0	0	0	1.0	1.0	0	0	1.0
Critical hours	2184.0	2208.0	2209.0	1711.1	1723.8	2208.0	2209.0	2062.1
Indicator value	0	0	0	0.8	1.8	1.8	1.8	1.7

Licensee Comments: none

Unplanned Scrams with Complications



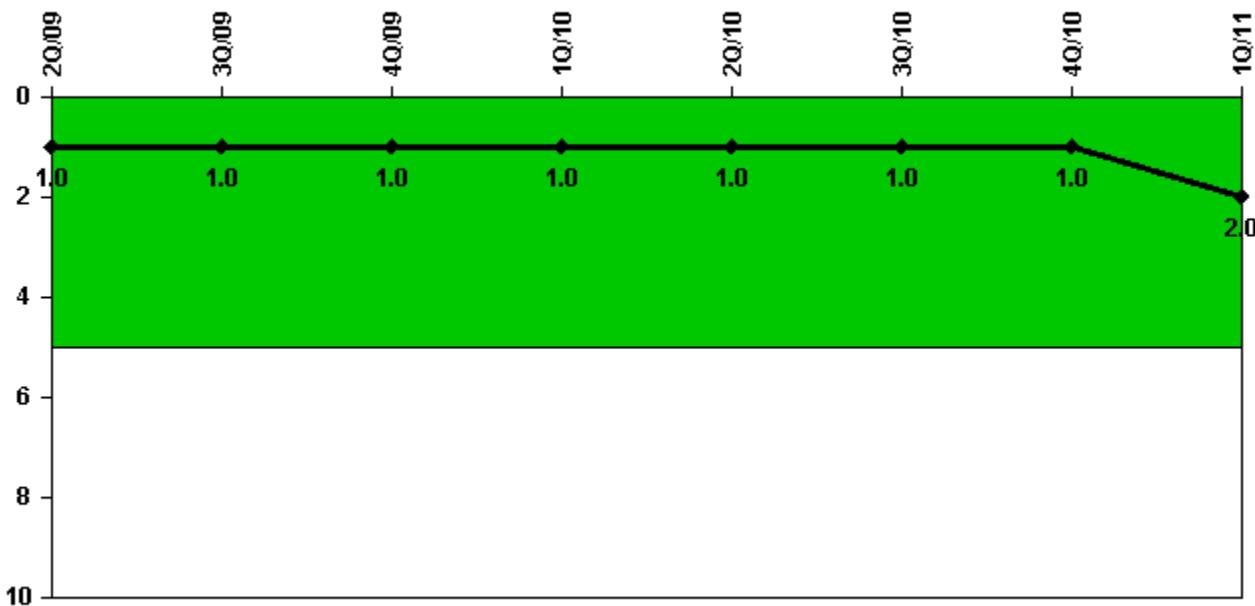
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



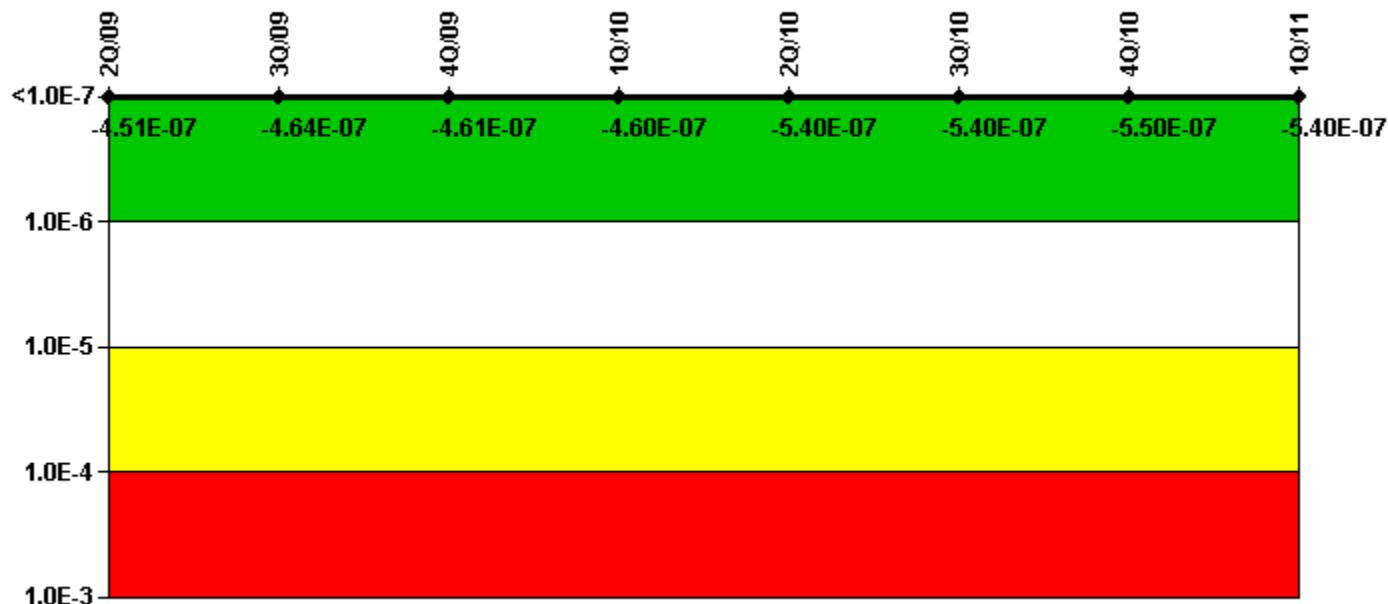
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Safety System Functional Failures	1	0	0	0	1	0	0	1
Indicator value	1	1	1	1	1	1	1	2

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	4.90E-08	3.60E-08	3.90E-08	3.61E-08	-3.81E-08	-4.06E-08	-5.15E-08	-4.25E-08
URI (Δ CDF)	-5.00E-07	-5.00E-07	-5.00E-07	-5.01E-07	-5.01E-07	-5.01E-07	-5.01E-07	-5.01E-07
PLE	NO							
Indicator value	-4.51E-07	-4.64E-07	-4.61E-07	-4.60E-07	-5.40E-07	-5.40E-07	-5.50E-07	-5.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



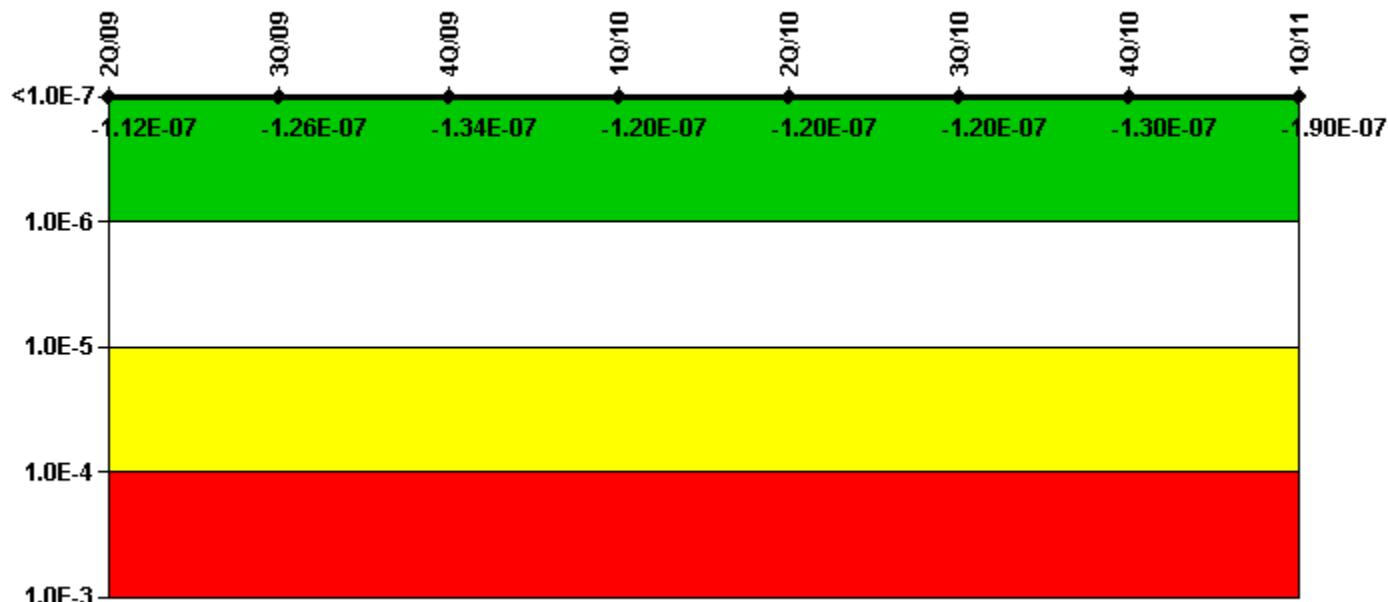
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	5.60E-10	4.40E-11	2.80E-09	5.04E-09	8.75E-09	3.96E-09	8.20E-09	8.51E-09
URI (Δ CDF)	-7.50E-08	-7.50E-08	-7.50E-08	-7.53E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08
PLE	NO							
Indicator value	-7.44E-08	-7.50E-08	-7.22E-08	-7.00E-08	-4.00E-08	-4.50E-08	-4.10E-08	-4.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



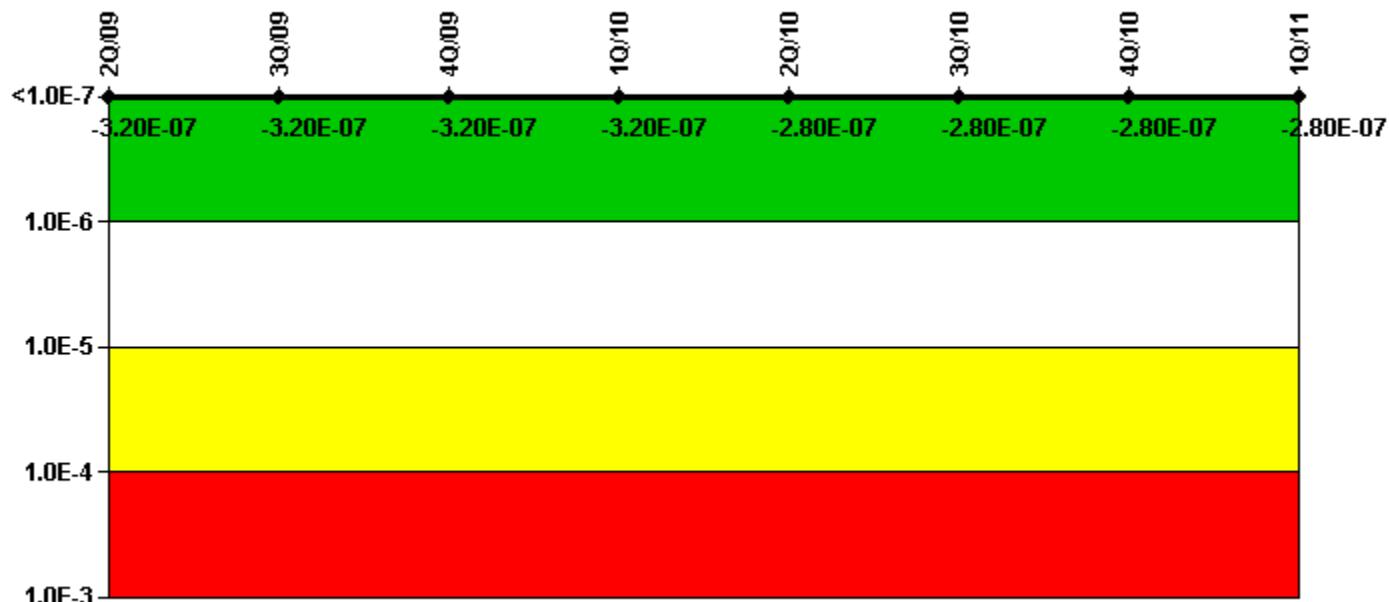
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	5.80E-08	4.40E-08	3.60E-08	4.56E-08	4.69E-08	4.75E-08	4.53E-08	-1.60E-08
URI (Δ CDF)	-1.70E-07	-1.70E-07	-1.70E-07	-1.65E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.71E-07
PLE	NO							
Indicator value	-1.12E-07	-1.26E-07	-1.34E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



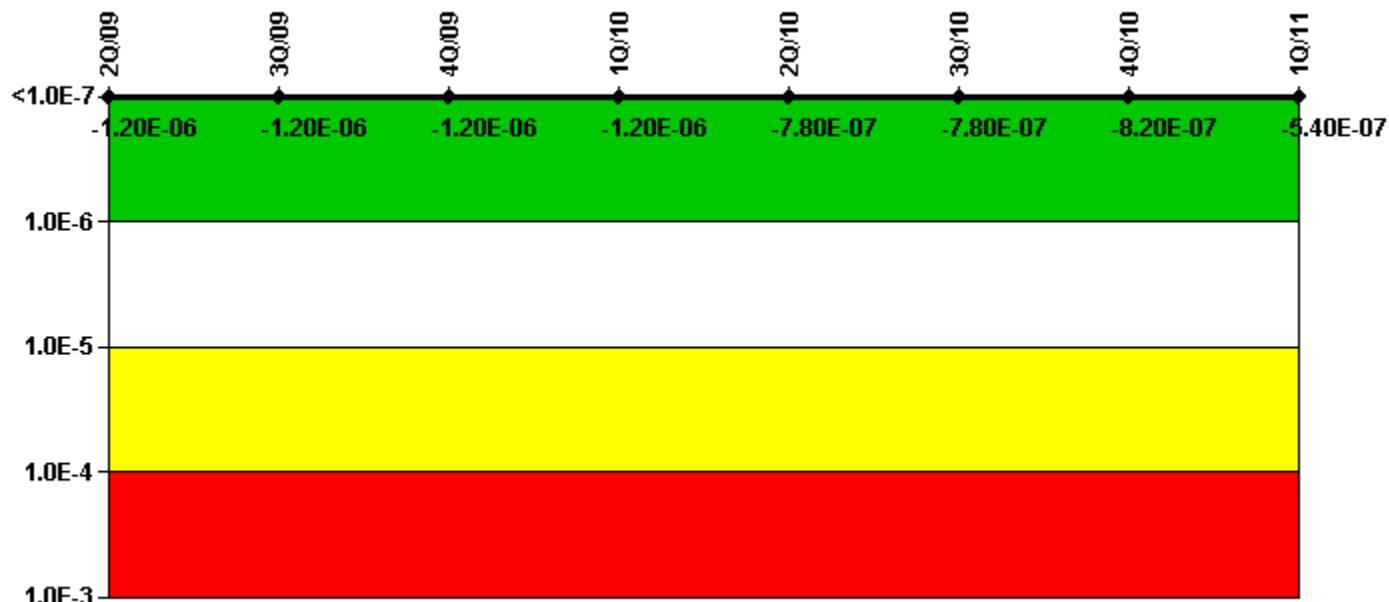
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	-3.02E-08	-3.02E-08	-3.02E-08	-3.02E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-2.85E-07	-2.85E-07	-2.85E-07	-2.85E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07
PLE	NO							
Indicator value	-3.20E-07	-3.20E-07	-3.20E-07	-3.20E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

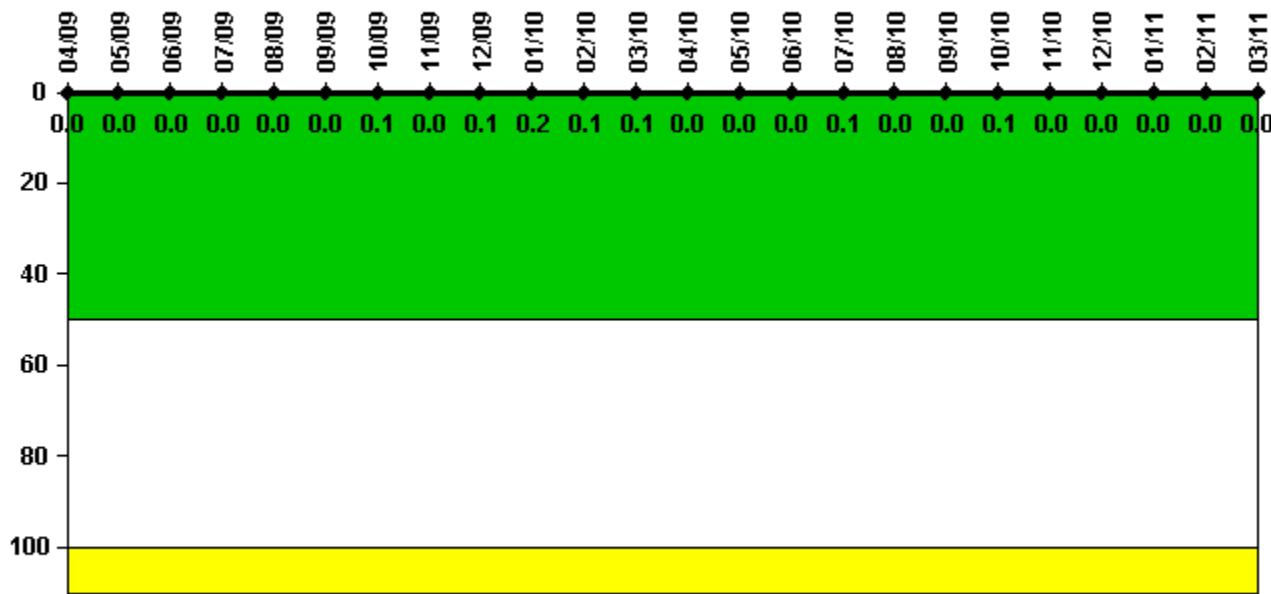
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
UAI (Δ CDF)	5.83E-08	5.43E-08	5.47E-08	3.92E-08	3.11E-07	3.09E-07	2.72E-07	5.53E-07
URI (Δ CDF)	-1.24E-06	-1.24E-06	-1.24E-06	-1.24E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06
PLE	NO							
Indicator value	-1.20E-06	-1.20E-06	-1.20E-06	-1.20E-06	-7.80E-07	-7.80E-07	-8.20E-07	-5.40E-07

Licensee Comments:

1Q/11: Risk Cap Invoked.

Reactor Coolant System Activity



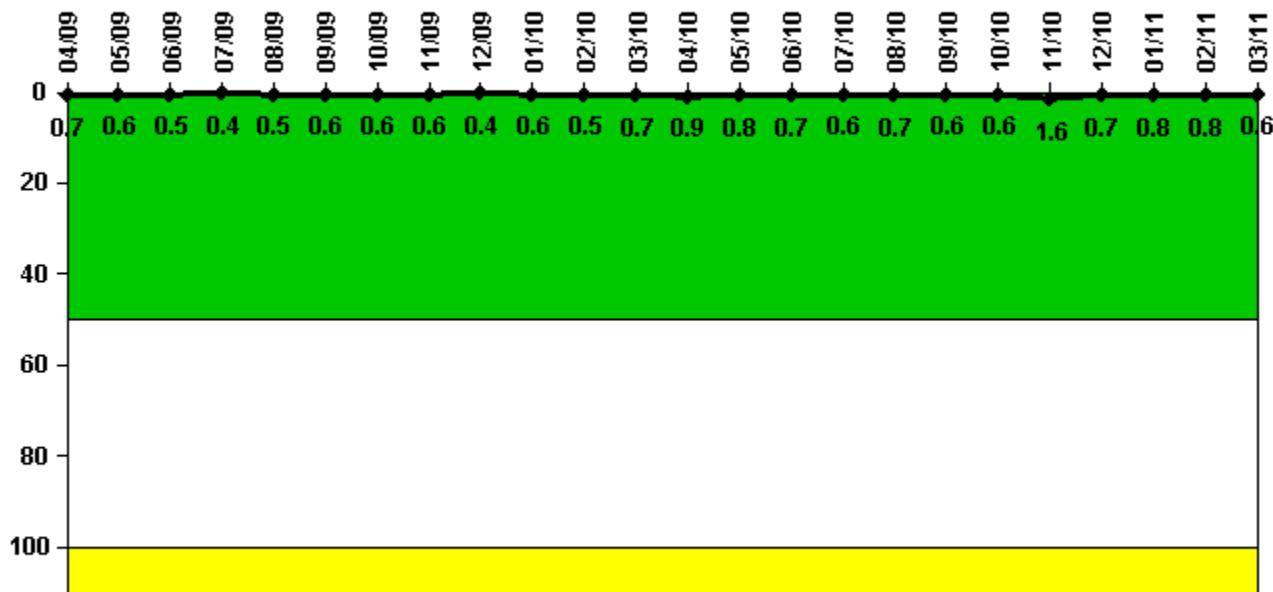
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum activity	0.000417	0.000418	0.000345	0.000390	0.000390	0.000411	0.001241	0.000484	0.000631	0.001969	0.000532	0.001110
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0	0.1	0.2	0.1	0.1
Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000309	0.000362	0.000337	0.000516	0.000372	0.000377	0.000870	0.000412	0.000441	0.000498	0.000462	0.000467
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0	0.1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



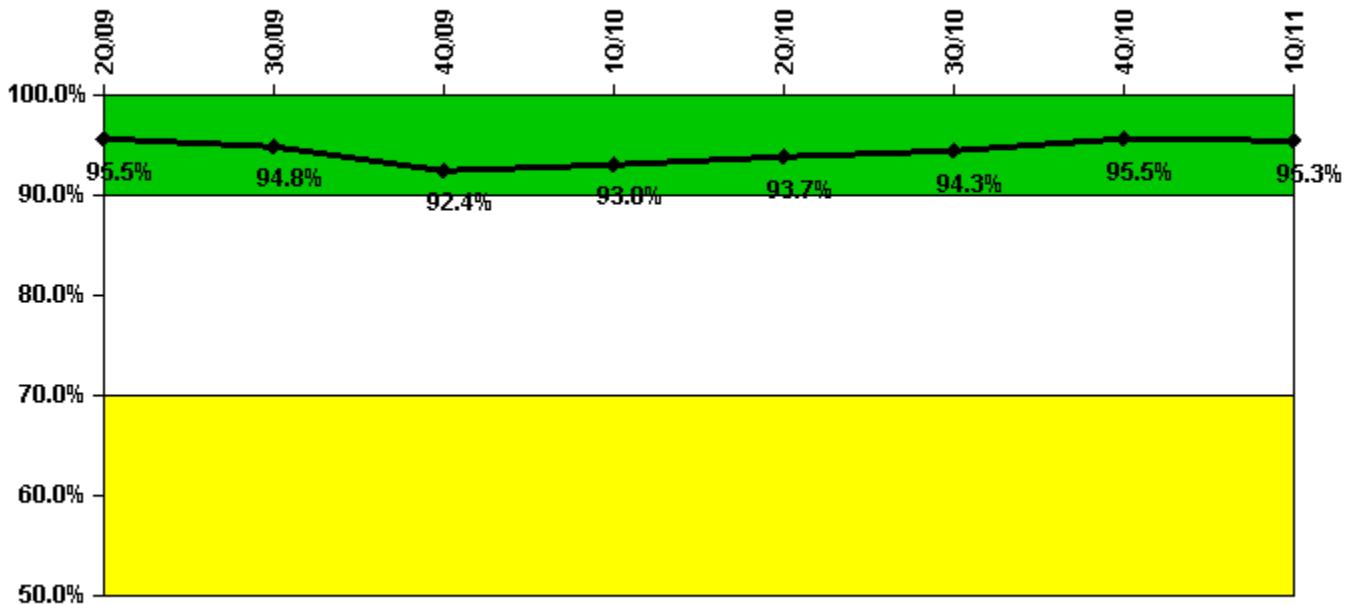
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/09	5/09	6/09	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10
Maximum leakage	0.069	0.060	0.052	0.044	0.053	0.057	0.063	0.063	0.044	0.063	0.047	0.071
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.7	0.6	0.5	0.4	0.5	0.6	0.6	0.6	0.4	0.6	0.5	0.7
Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.088	0.078	0.071	0.061	0.069	0.061	0.063	0.157	0.067	0.076	0.082	0.063
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.8	0.7	0.6	0.7	0.6	0.6	1.6	0.7	0.8	0.8	0.6

Licensee Comments: none

Drill/Exercise Performance



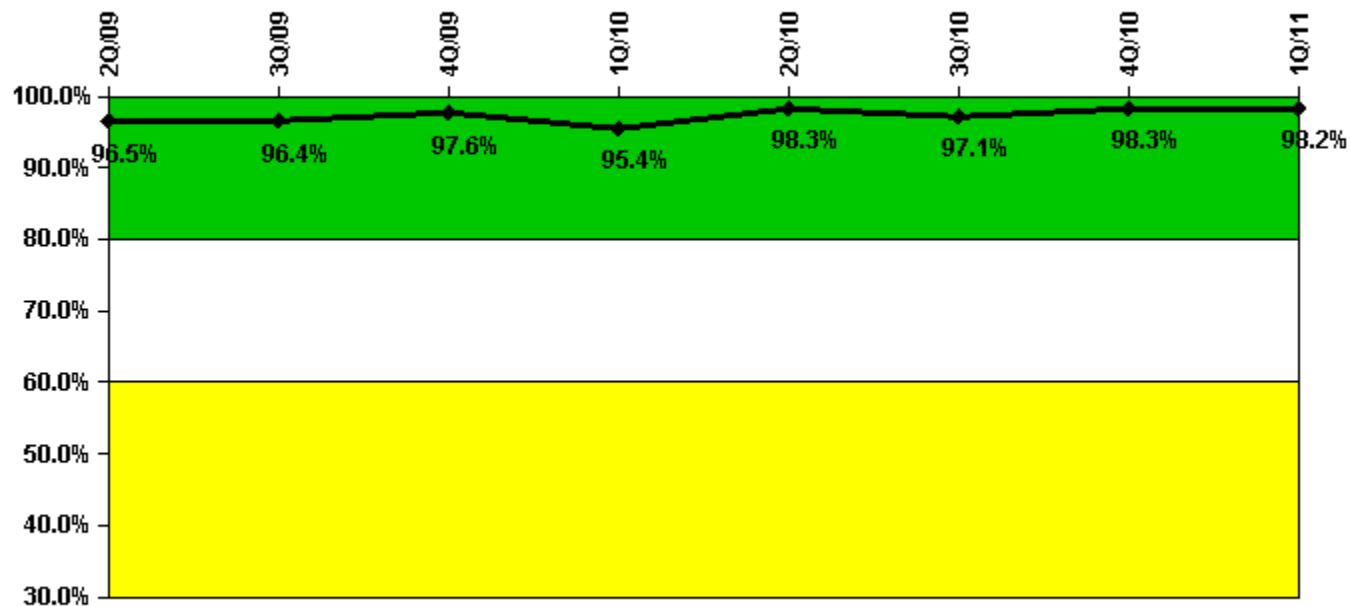
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful opportunities	18.0	11.0	50.0	8.0	8.0	17.0	51.0	0
Total opportunities	18.0	12.0	56.0	8.0	8.0	17.0	52.0	0
Indicator value	95.5%	94.8%	92.4%	93.0%	93.7%	94.3%	95.5%	95.3%

Licensee Comments: none

ERO Drill Participation



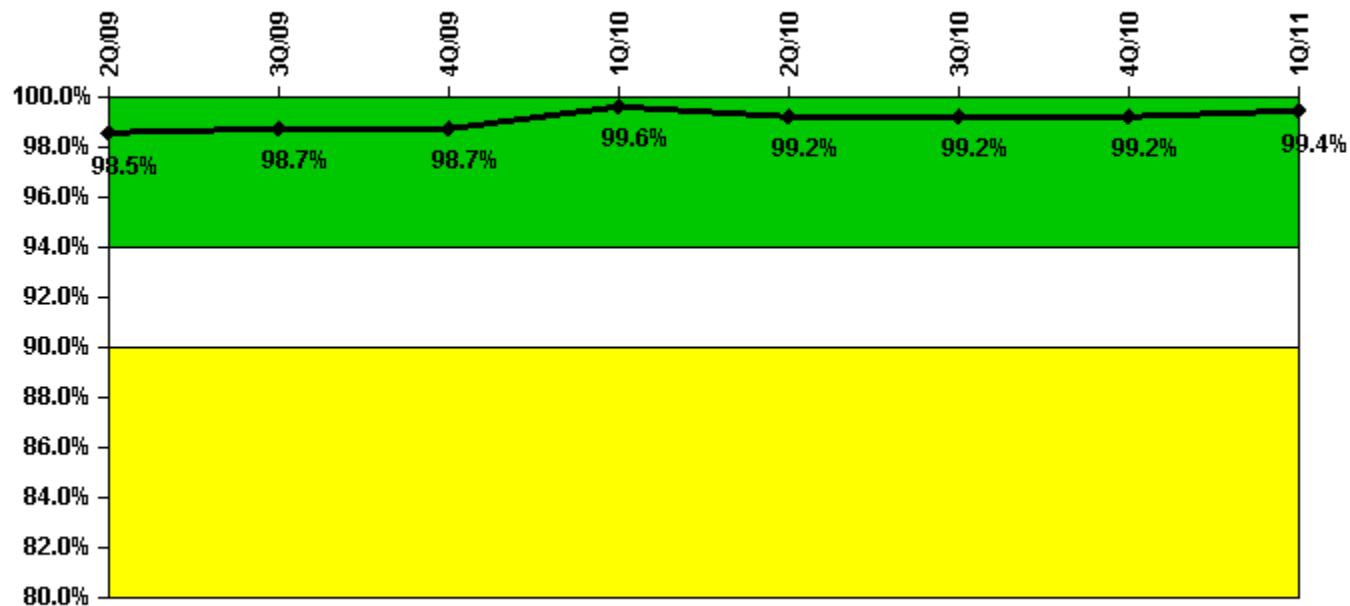
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Participating Key personnel	164.0	162.0	165.0	166.0	169.0	167.0	171.0	167.0
Total Key personnel	170.0	168.0	169.0	174.0	172.0	172.0	174.0	170.0
Indicator value	96.5%	96.4%	97.6%	95.4%	98.3%	97.1%	98.3%	98.2%

Licensee Comments: none

Alert & Notification System



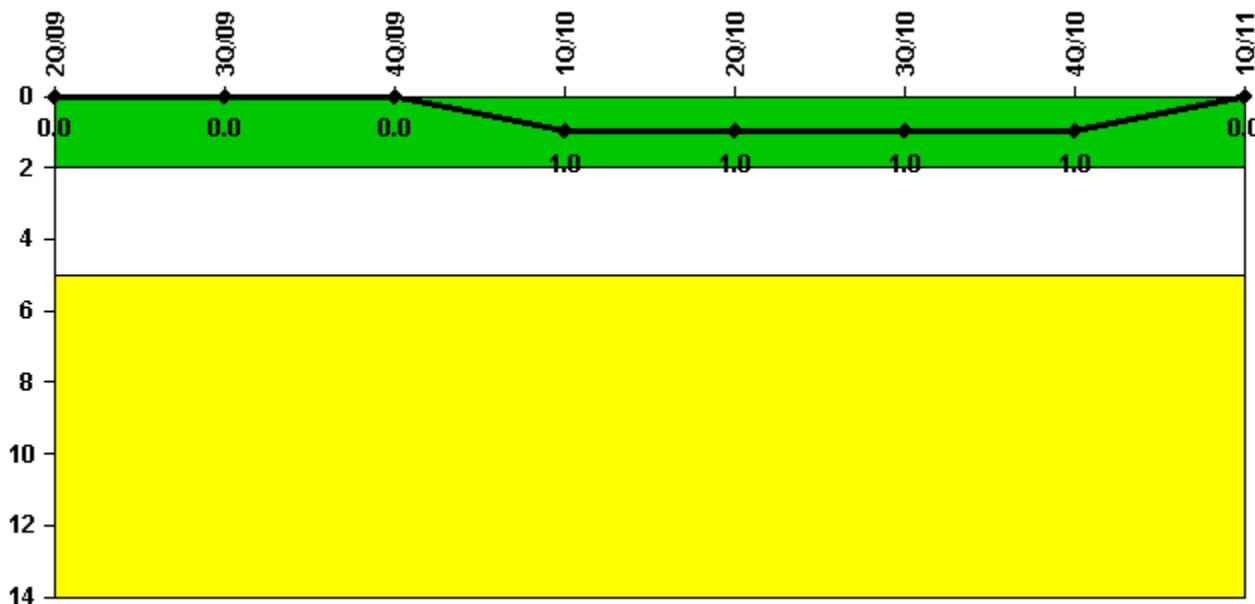
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
Successful siren-tests	1804	1799	1873	1731	1774	1868	1807	1808
Total sirens-tests	1809	1809	1876	1742	1809	1876	1809	1809
Indicator value	98.5%	98.7%	98.7%	99.6%	99.2%	99.2%	99.2%	99.4%

Licensee Comments: none

Occupational Exposure Control Effectiveness



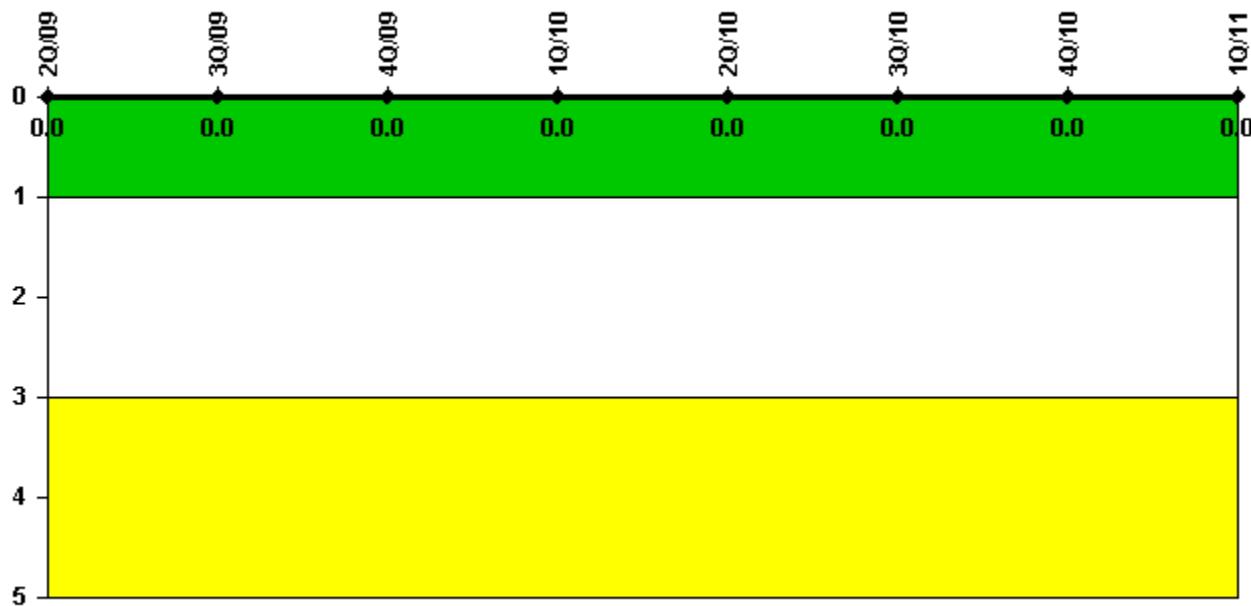
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/09	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

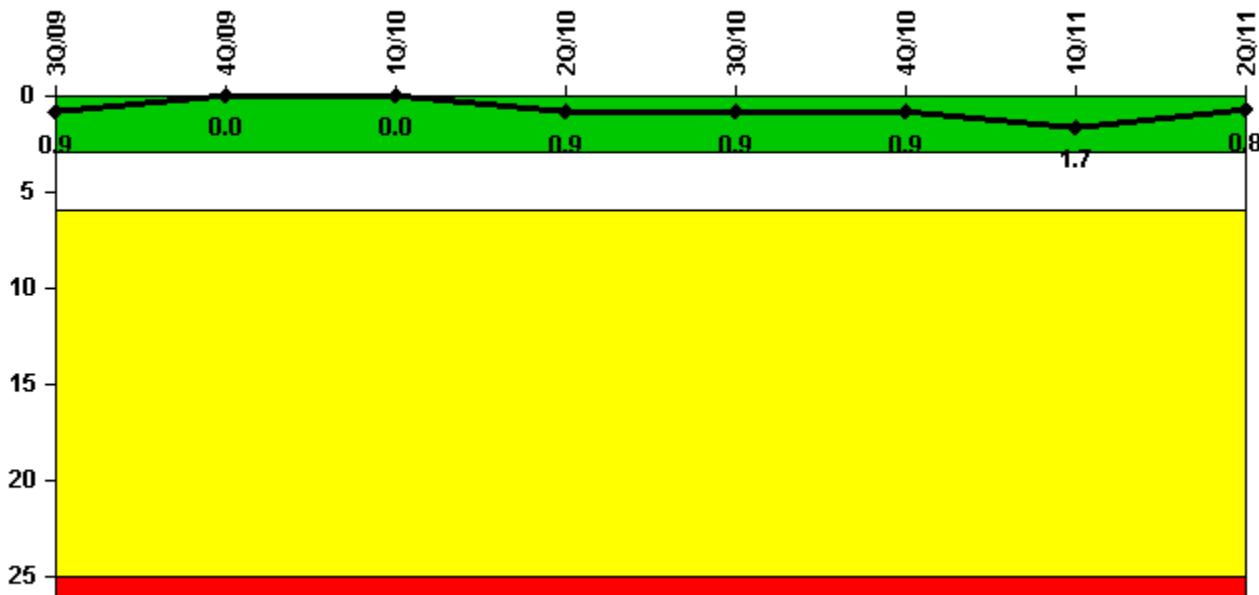
[Security](#) information not publicly available.

McGuire 1

2Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



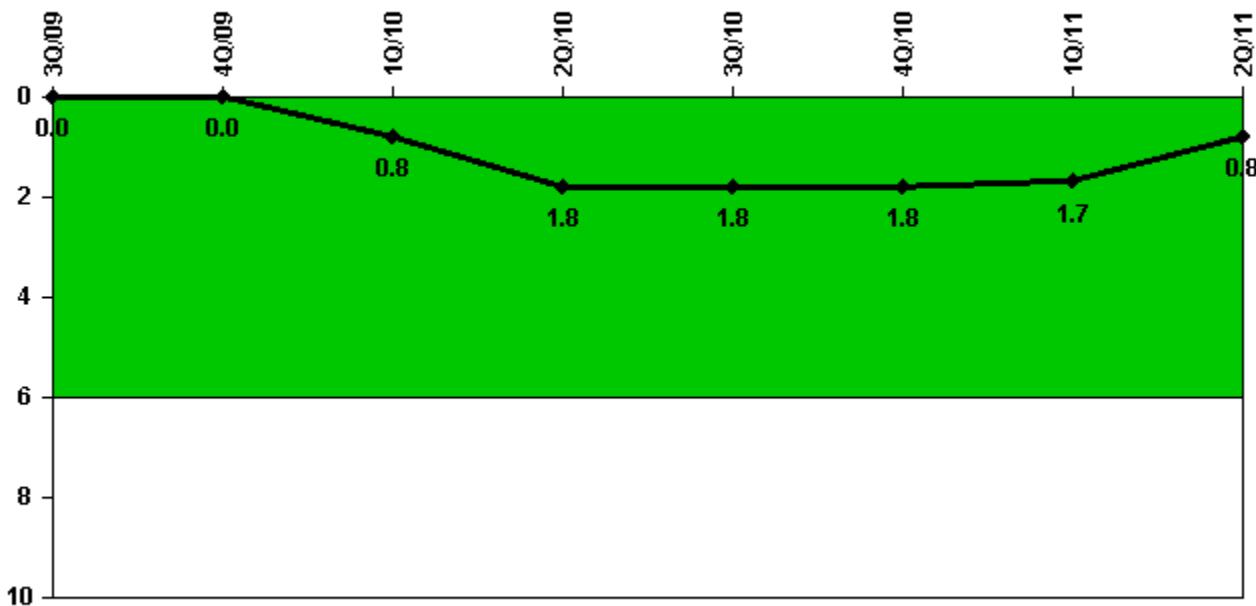
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned scrams	0	0	0	1.0	0	0	1.0	0
Critical hours	2208.0	2209.0	1711.1	1723.8	2208.0	2209.0	2062.1	2184.0
Indicator value	0.9	0	0	0.9	0.9	0.9	1.7	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



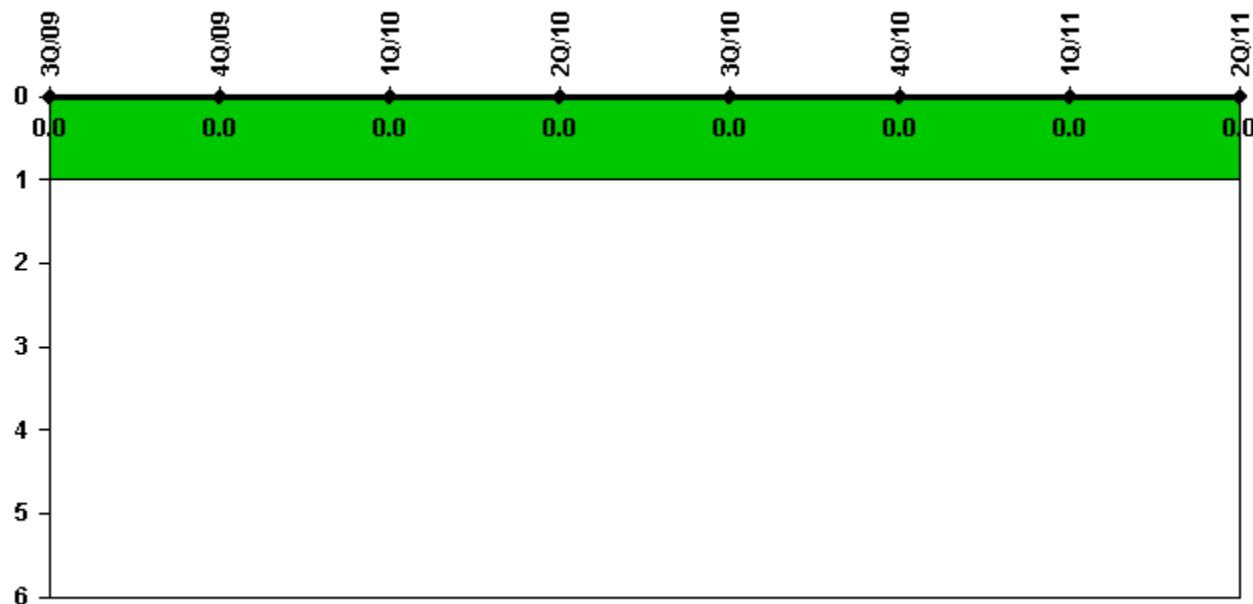
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Unplanned power changes	0	0	1.0	1.0	0	0	1.0	0
Critical hours	2208.0	2209.0	1711.1	1723.8	2208.0	2209.0	2062.1	2184.0
Indicator value	0	0	0.8	1.8	1.8	1.8	1.7	0.8

Licensee Comments: none

Unplanned Scrams with Complications



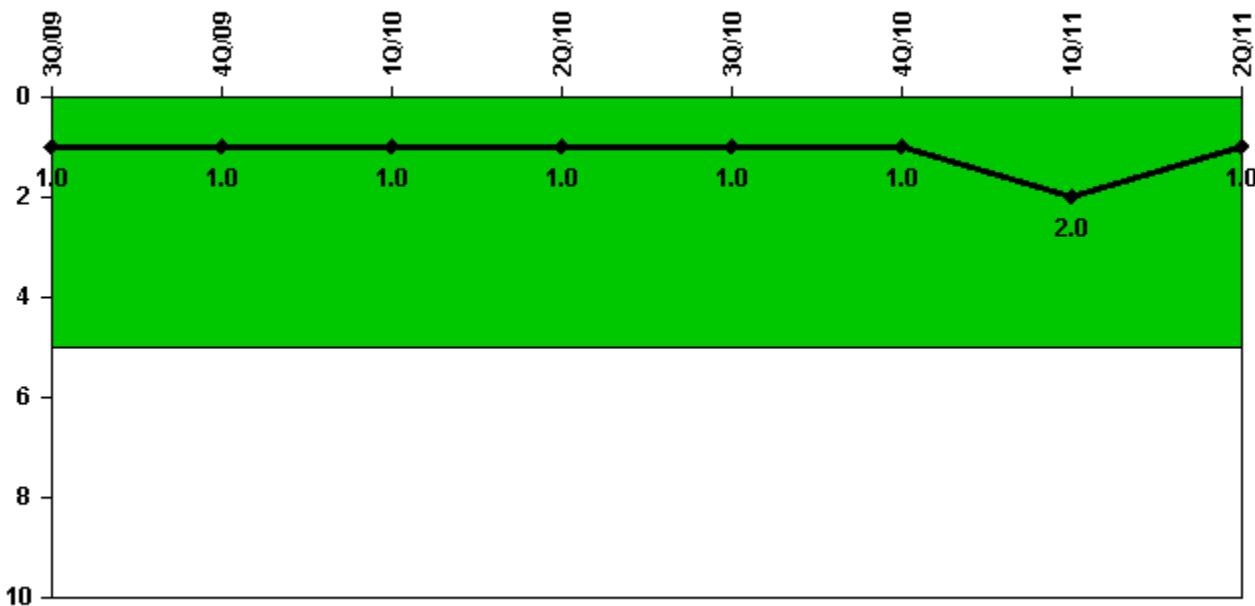
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



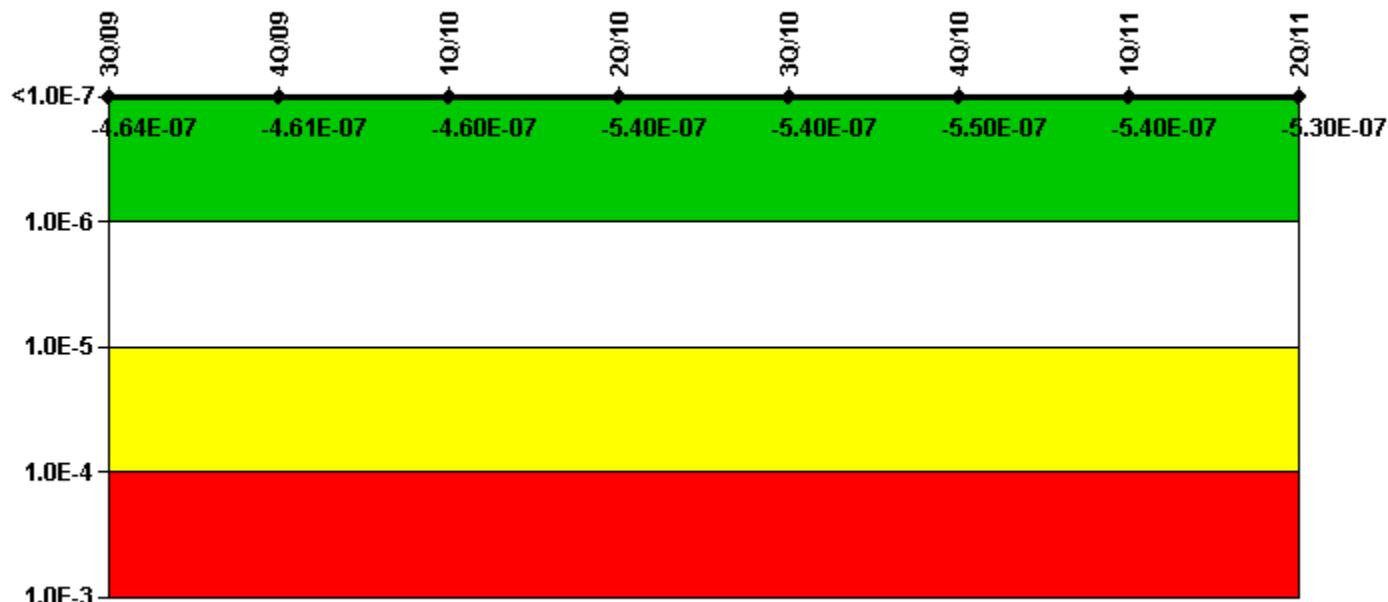
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Safety System Functional Failures	0	0	0	1	0	0	1	0
Indicator value	1	1	1	1	1	1	2	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



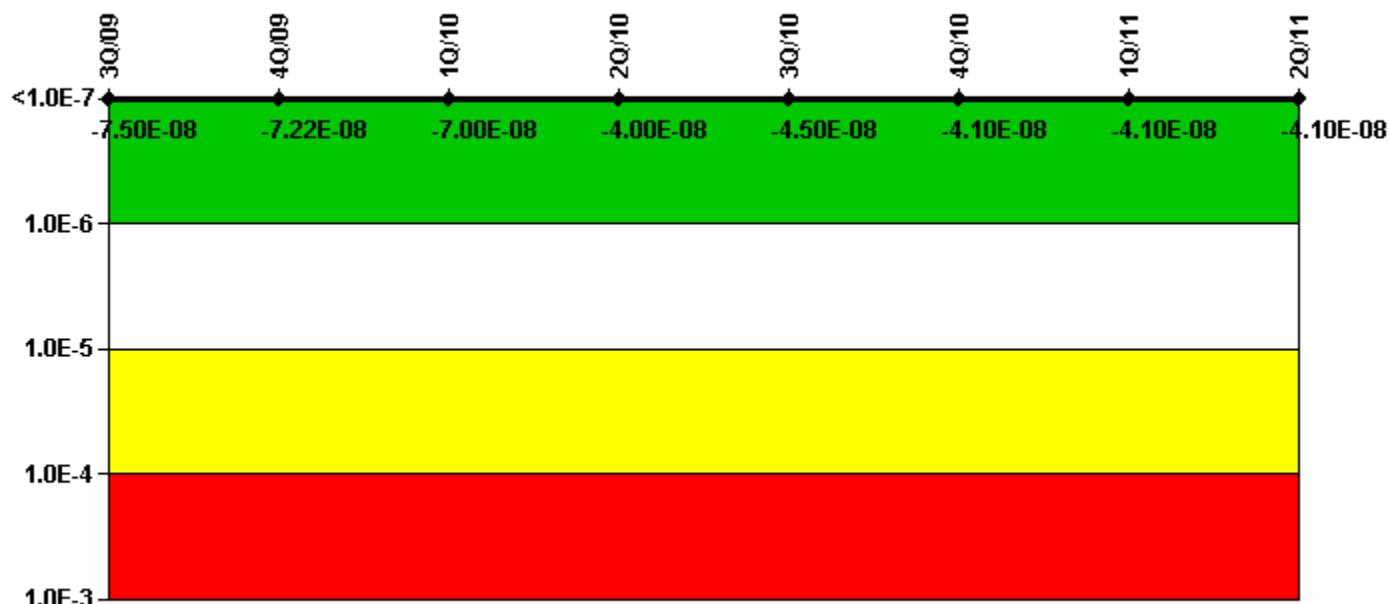
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	3.60E-08	3.90E-08	3.61E-08	-3.81E-08	-4.06E-08	-5.15E-08	-4.25E-08	-2.40E-08
URI (Δ CDF)	-5.00E-07	-5.00E-07	-5.01E-07	-5.01E-07	-5.01E-07	-5.01E-07	-5.01E-07	-5.01E-07
PLE	NO							
Indicator value	-4.64E-07	-4.61E-07	-4.60E-07	-5.40E-07	-5.40E-07	-5.50E-07	-5.40E-07	-5.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	4.40E-11	2.80E-09	5.04E-09	8.75E-09	3.96E-09	8.20E-09	8.51E-09	8.46E-09
URI (Δ CDF)	-7.50E-08	-7.50E-08	-7.53E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08
PLE	NO							
Indicator value	-7.50E-08	-7.22E-08	-7.00E-08	-4.00E-08	-4.50E-08	-4.10E-08	-4.10E-08	-4.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



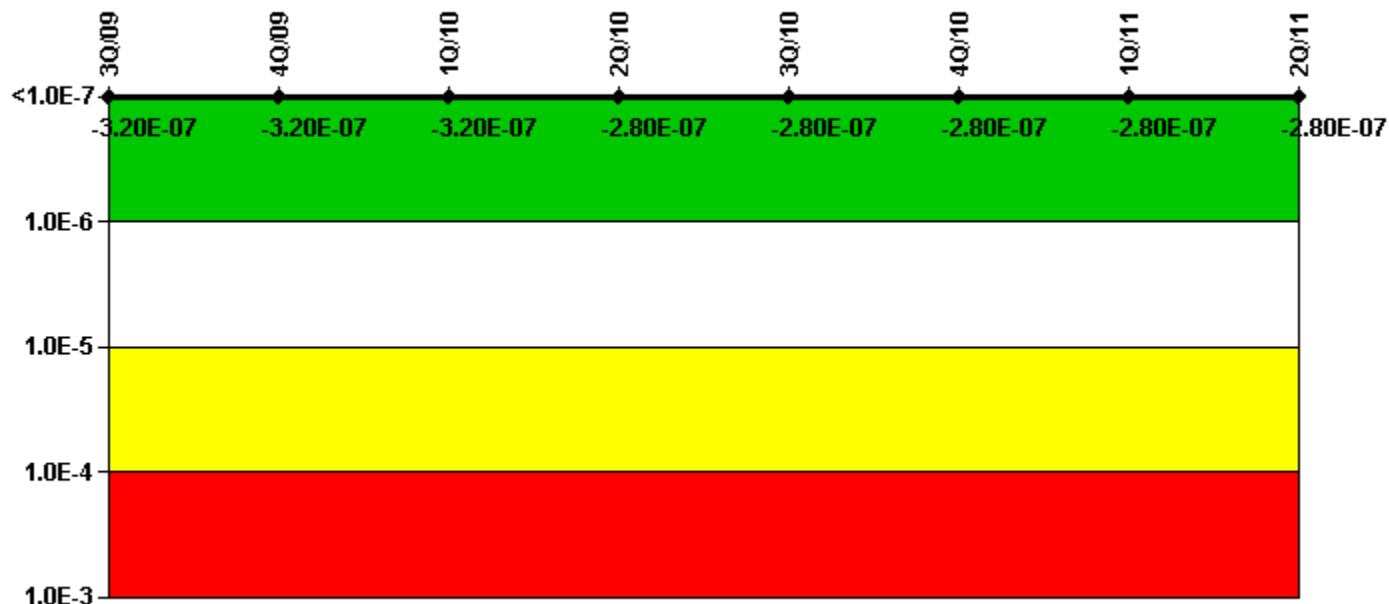
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	4.40E-08	3.60E-08	4.56E-08	4.69E-08	4.75E-08	4.53E-08	-1.60E-08	1.45E-08
URI (Δ CDF)	-1.70E-07	-1.70E-07	-1.65E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.67E-07
PLE	NO							
Indicator value	-1.26E-07	-1.34E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.90E-07	-1.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



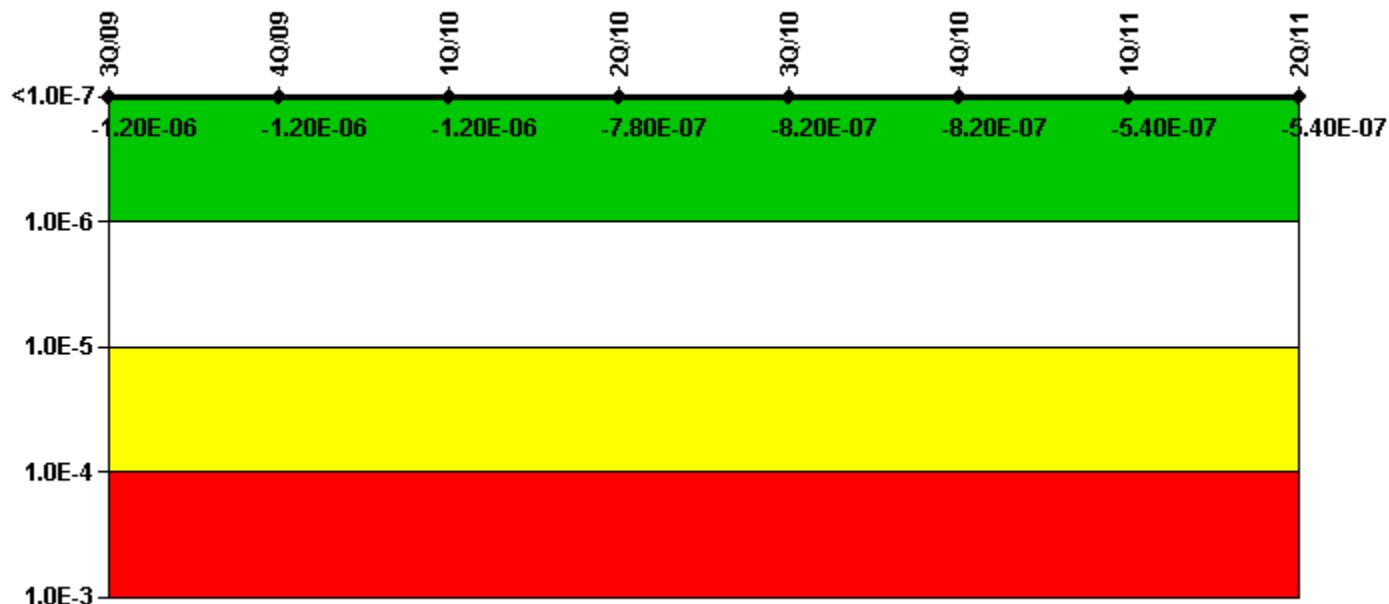
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	-3.02E-08	-3.02E-08	-3.02E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-2.85E-07	-2.85E-07	-2.85E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07
PLE	NO							
Indicator value	-3.20E-07	-3.20E-07	-3.20E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



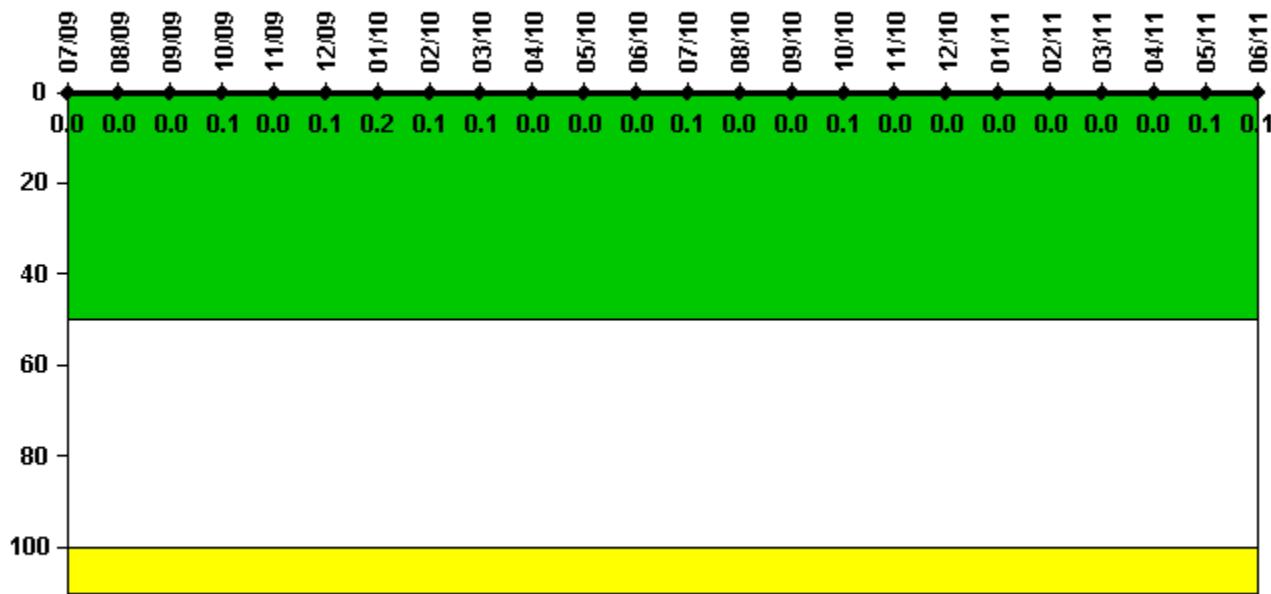
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
UAI (Δ CDF)	5.43E-08	5.47E-08	3.92E-08	3.08E-07	2.76E-07	2.72E-07	5.53E-07	5.51E-07
URI (Δ CDF)	-1.24E-06	-1.24E-06	-1.24E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06
PLE	NO							
Indicator value	-1.20E-06	-1.20E-06	-1.20E-06	-7.80E-07	-8.20E-07	-8.20E-07	-5.40E-07	-5.40E-07

Licensee Comments: none

Reactor Coolant System Activity



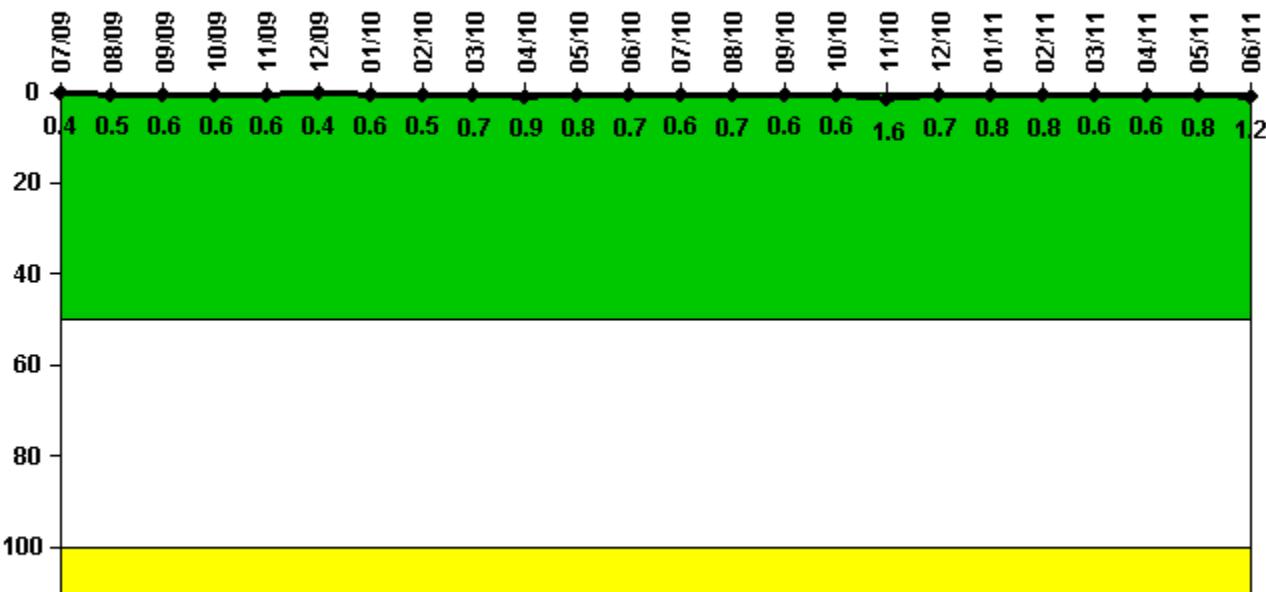
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum activity	0.000390	0.000390	0.000411	0.001241	0.000484	0.000631	0.001969	0.000532	0.001110	0.000309	0.000362	0.000337
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0.1	0.2	0.1	0.1	0	0	0
Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000516	0.000372	0.000377	0.000870	0.000412	0.000441	0.000498	0.000462	0.000467	0.000466	0.000588	0.001497
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0.1	0	0	0	0	0	0	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



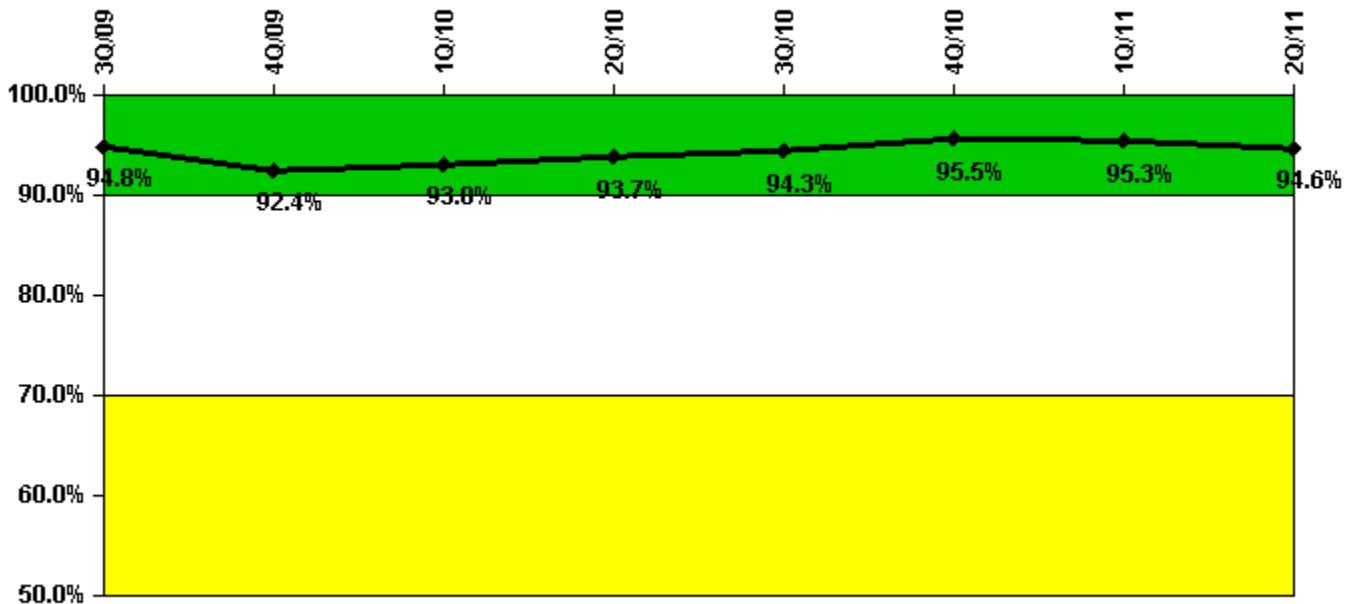
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/09	8/09	9/09	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10
Maximum leakage	0.044	0.053	0.057	0.063	0.063	0.044	0.063	0.047	0.071	0.088	0.078	0.071
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.5	0.6	0.6	0.6	0.4	0.6	0.5	0.7	0.9	0.8	0.7
Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.061	0.069	0.061	0.063	0.157	0.067	0.076	0.082	0.063	0.058	0.078	0.122
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.7	0.6	0.6	1.6	0.7	0.8	0.8	0.6	0.6	0.8	1.2

Licensee Comments: none

Drill/Exercise Performance



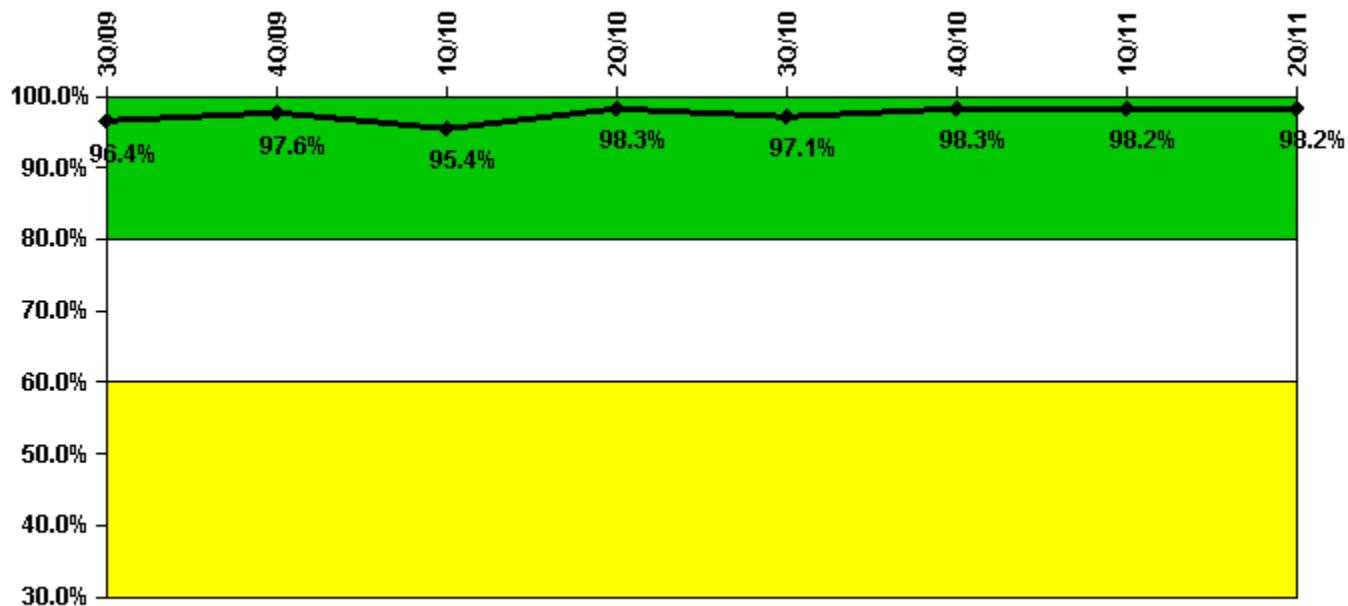
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful opportunities	11.0	50.0	8.0	8.0	17.0	51.0	0	30.0
Total opportunities	12.0	56.0	8.0	8.0	17.0	52.0	0	32.0
Indicator value	94.8%	92.4%	93.0%	93.7%	94.3%	95.5%	95.3%	94.6%

Licensee Comments: none

ERO Drill Participation



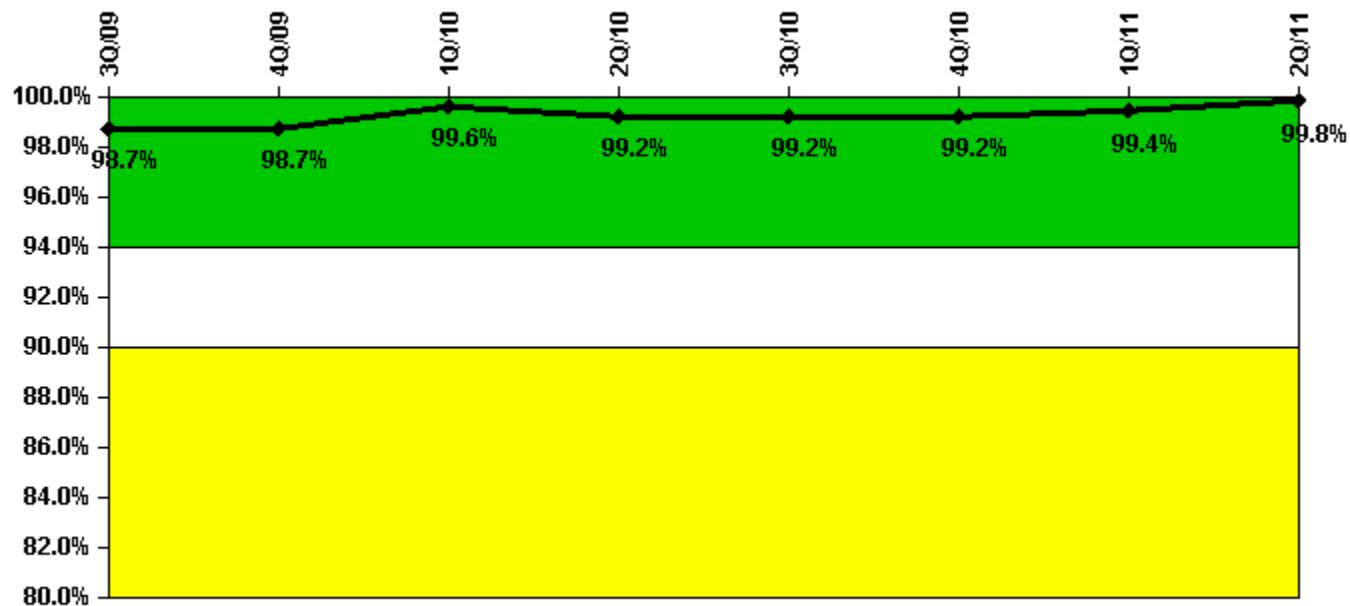
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Participating Key personnel	162.0	165.0	166.0	169.0	167.0	171.0	167.0	165.0
Total Key personnel	168.0	169.0	174.0	172.0	172.0	174.0	170.0	168.0
Indicator value	96.4%	97.6%	95.4%	98.3%	97.1%	98.3%	98.2%	98.2%

Licensee Comments: none

Alert & Notification System



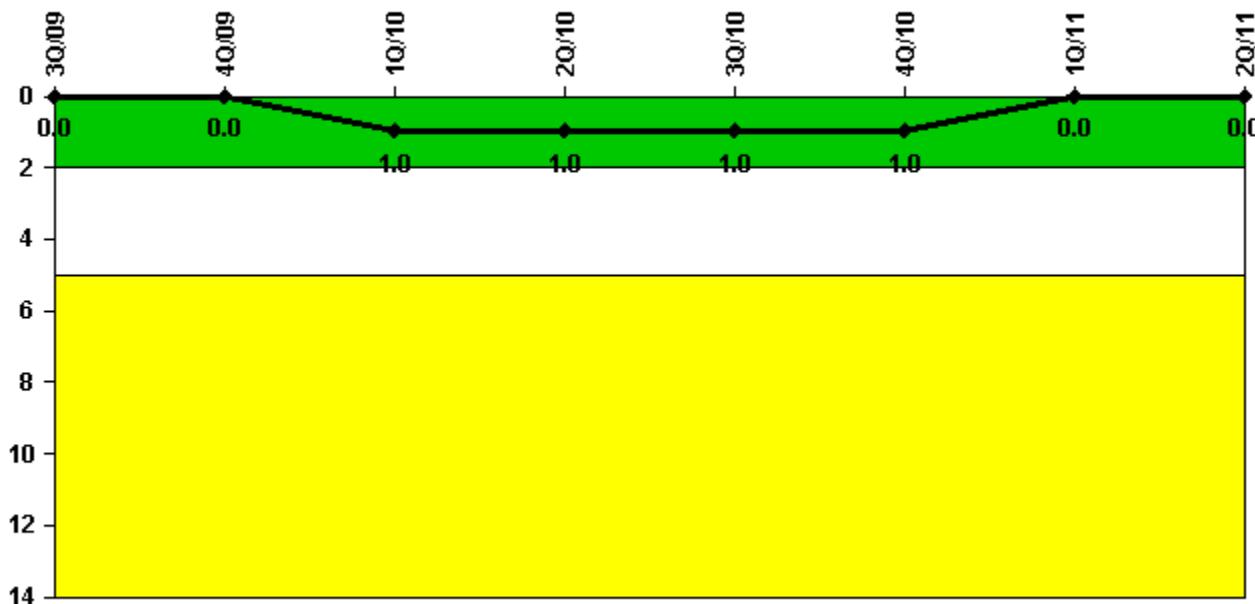
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
Successful siren-tests	1799	1873	1731	1774	1868	1807	1808	1803
Total sirens-tests	1809	1876	1742	1809	1876	1809	1809	1809
Indicator value	98.7%	98.7%	99.6%	99.2%	99.2%	99.2%	99.4%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



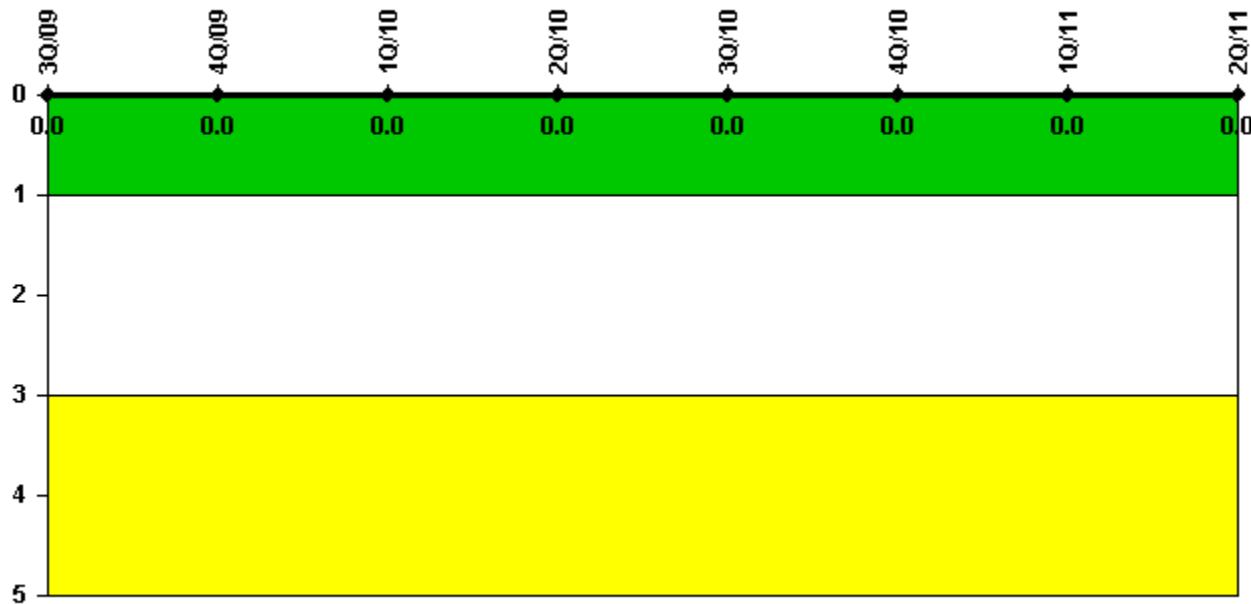
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
High radiation area occurrences	0	0	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/09	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

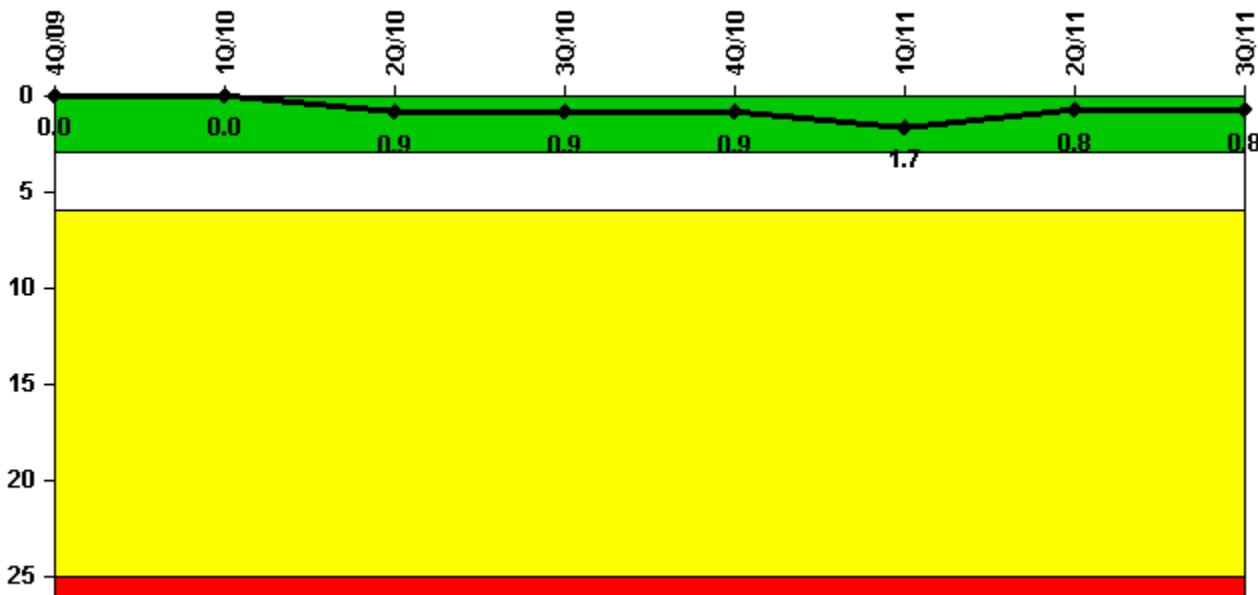
Security information not publicly available.

McGuire 1

3Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



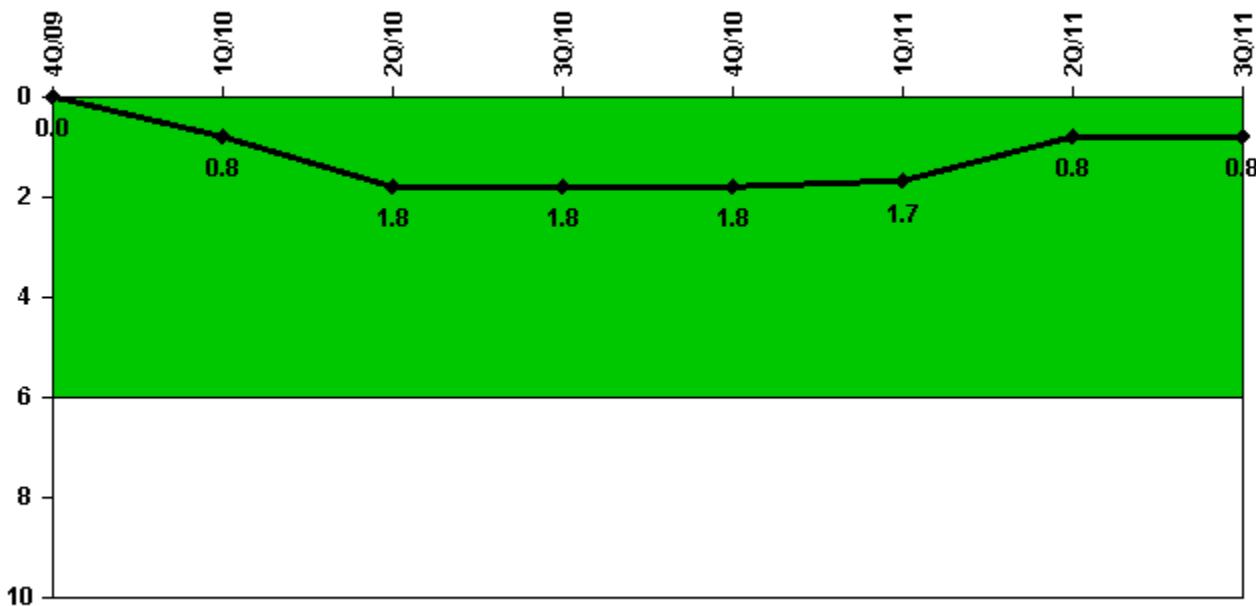
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	2209.0	1711.1	1723.8	2208.0	2209.0	2062.1	2184.0	1879.2
Indicator value	0	0	0.9	0.9	0.9	1.7	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



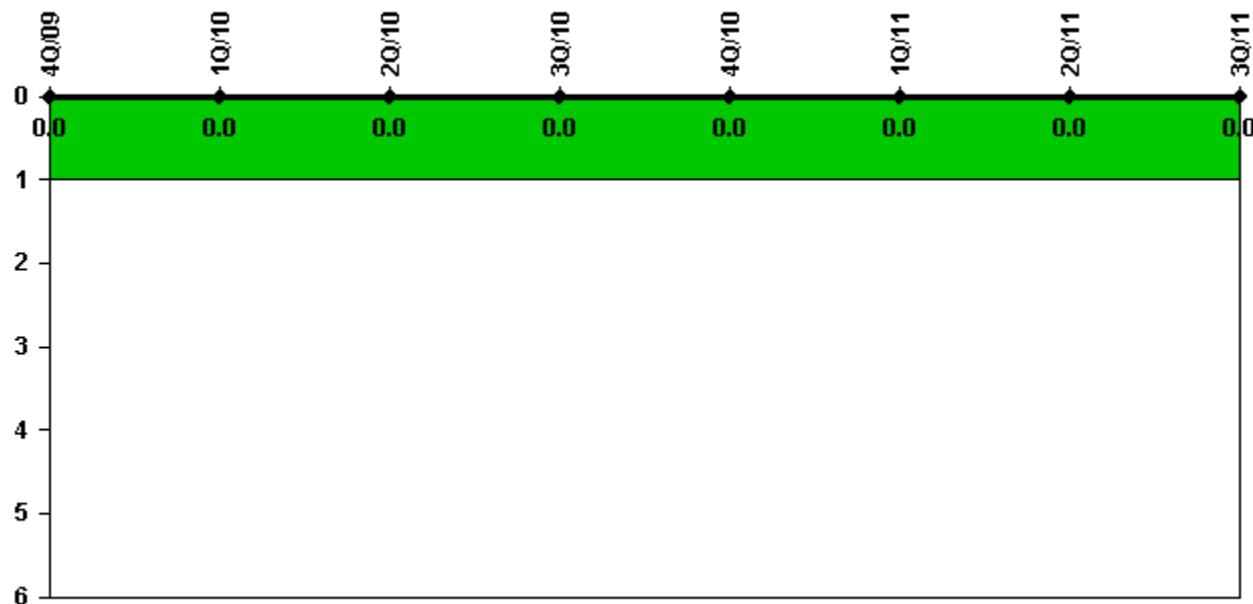
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Unplanned power changes	0	1.0	1.0	0	0	1.0	0	0
Critical hours	2209.0	1711.1	1723.8	2208.0	2209.0	2062.1	2184.0	1879.2
Indicator value	0	0.8	1.8	1.8	1.8	1.7	0.8	0.8

Licensee Comments: none

Unplanned Scrams with Complications



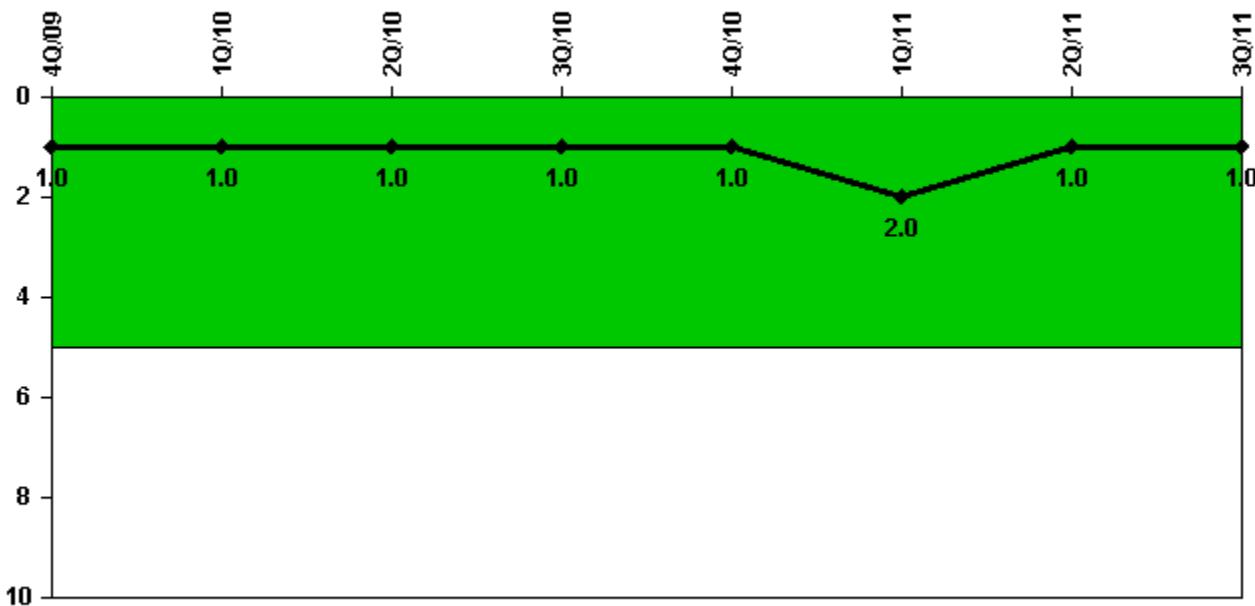
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



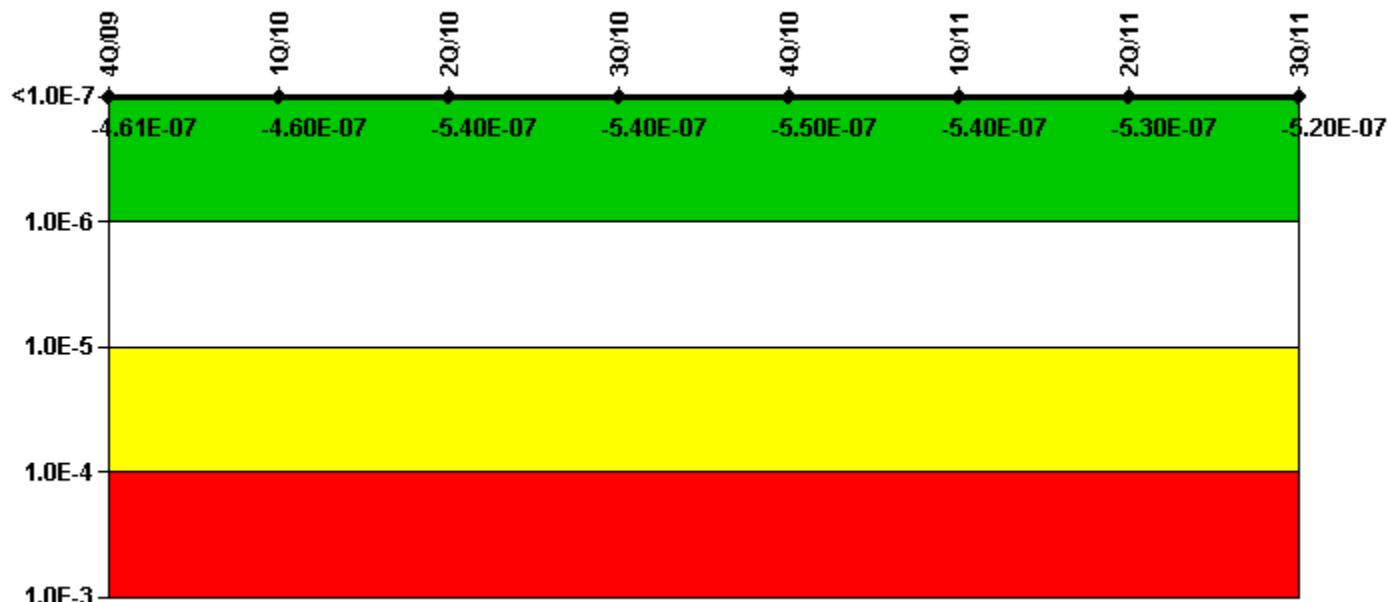
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Safety System Functional Failures	0	0	1	0	0	1	0	0
Indicator value	1	1	1	1	1	2	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



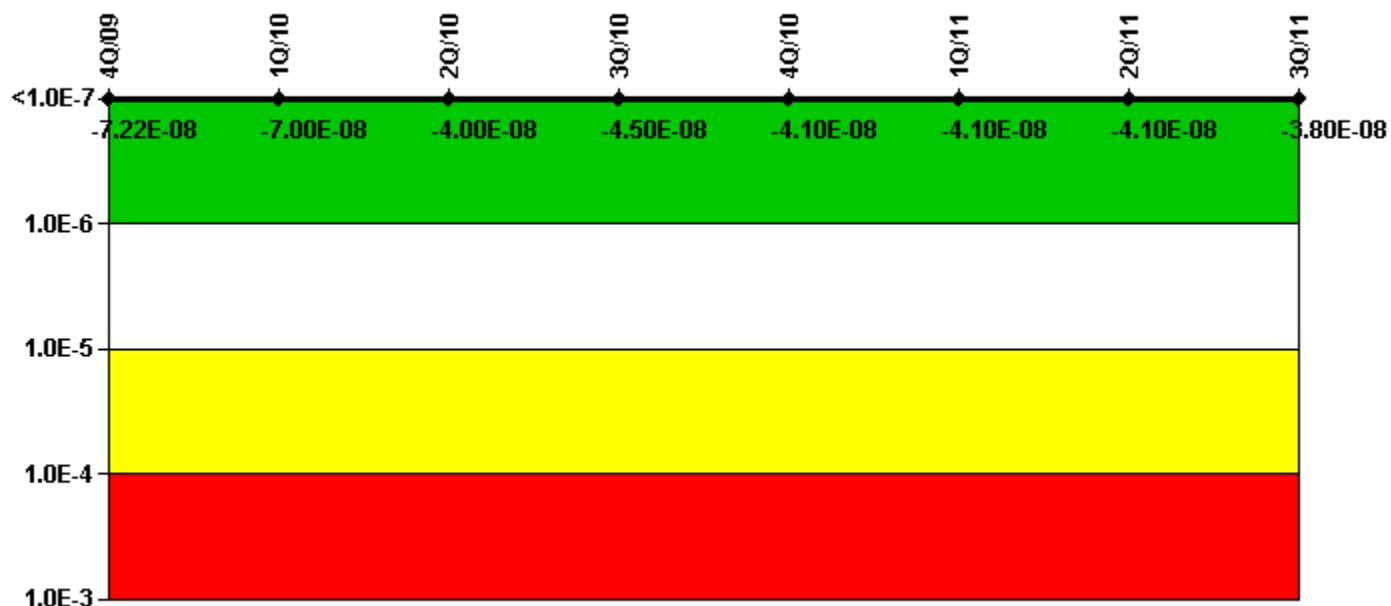
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	3.90E-08	3.61E-08	-3.81E-08	-4.06E-08	-5.15E-08	-4.25E-08	-2.40E-08	-2.14E-08
URI (Δ CDF)	-5.00E-07	-5.01E-07						
PLE	NO							
Indicator value	-4.61E-07	-4.60E-07	-5.40E-07	-5.40E-07	-5.50E-07	-5.40E-07	-5.30E-07	-5.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



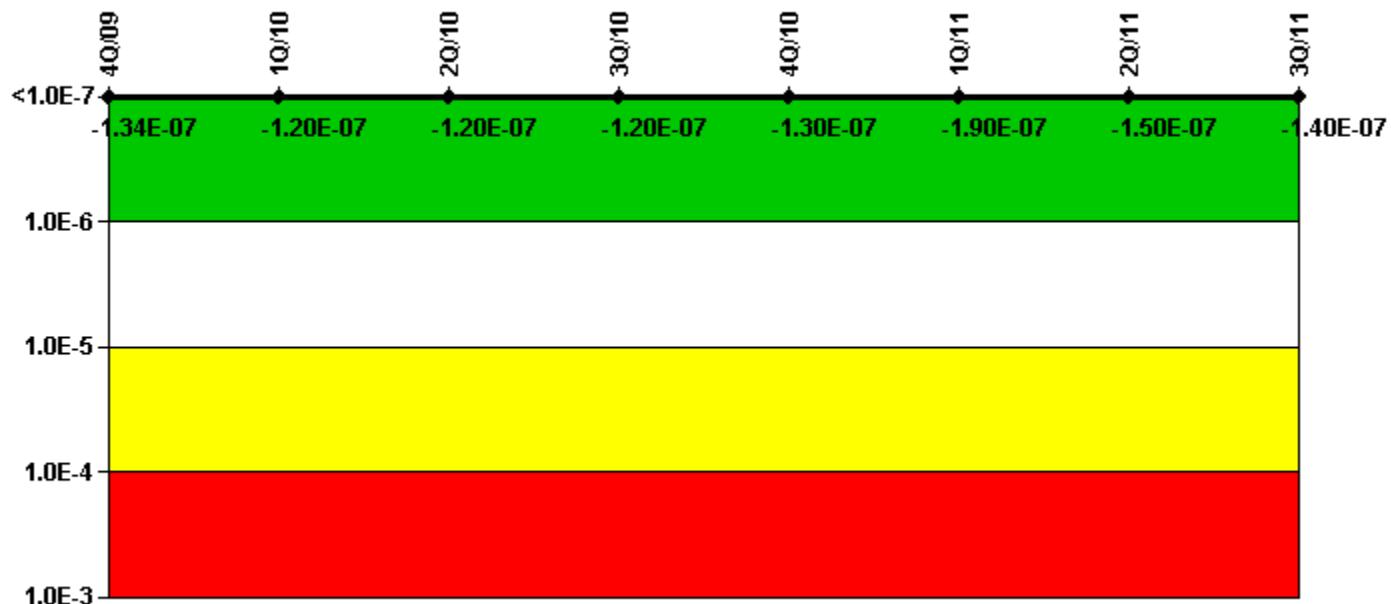
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	2.80E-09	5.04E-09	8.75E-09	3.96E-09	8.20E-09	8.51E-09	8.46E-09	1.13E-08
URI (Δ CDF)	-7.50E-08	-7.53E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08
PLE	NO							
Indicator value	-7.22E-08	-7.00E-08	-4.00E-08	-4.50E-08	-4.10E-08	-4.10E-08	-4.10E-08	-3.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



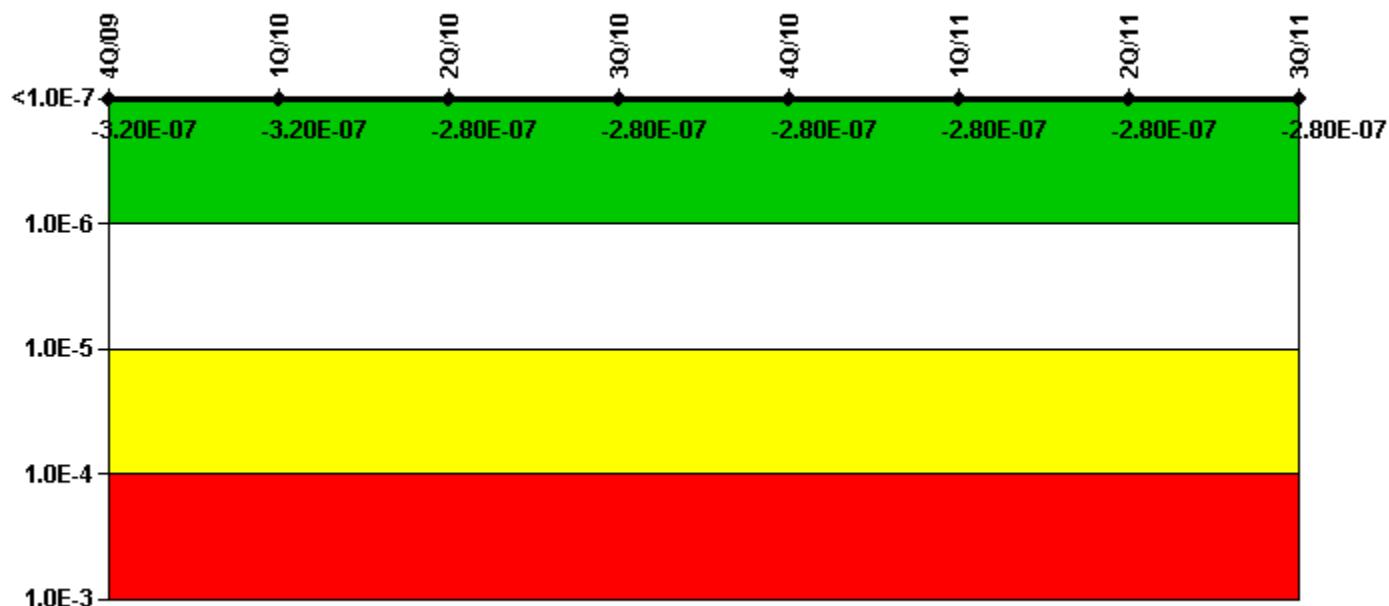
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	3.60E-08	4.56E-08	4.69E-08	4.75E-08	4.53E-08	-1.60E-08	1.45E-08	2.54E-08
URI (Δ CDF)	-1.70E-07	-1.65E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.67E-07	-1.67E-07
PLE	NO							
Indicator value	-1.34E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.90E-07	-1.50E-07	-1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



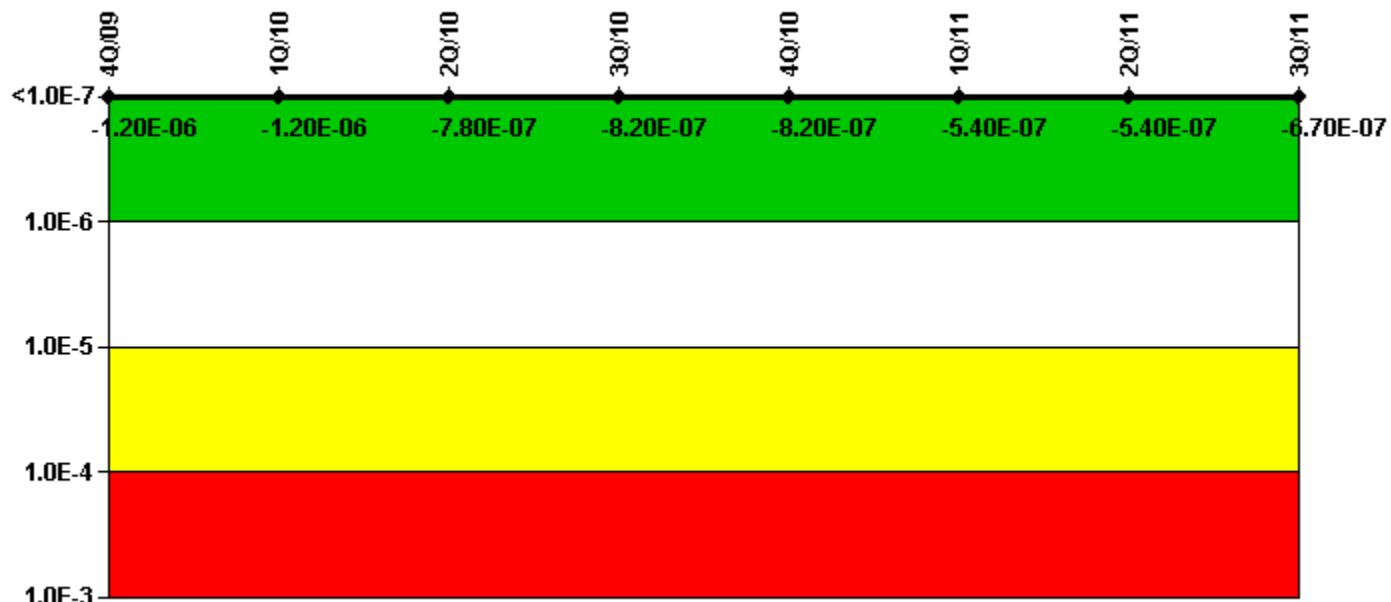
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	-3.02E-08	-3.02E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08
URI (Δ CDF)	-2.85E-07	-2.85E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07
PLE	NO							
Indicator value	-3.20E-07	-3.20E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



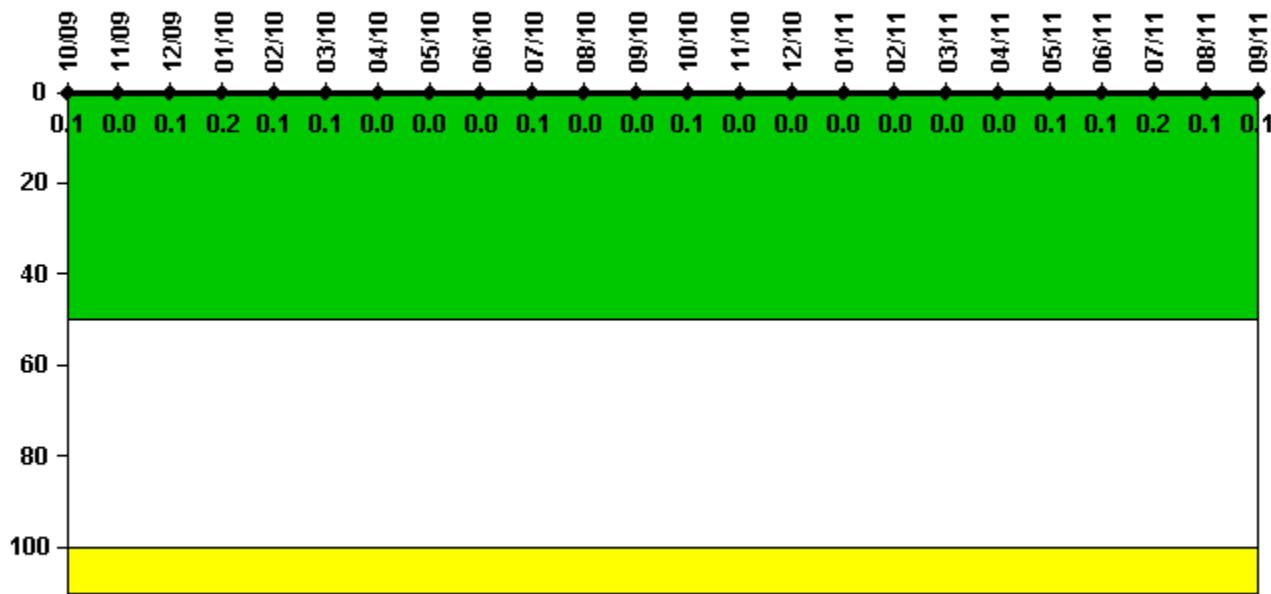
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
UAI (Δ CDF)	5.47E-08	3.92E-08	3.08E-07	2.76E-07	2.72E-07	5.53E-07	5.51E-07	4.19E-07
URI (Δ CDF)	-1.24E-06	-1.24E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06
PLE	NO							
Indicator value	-1.20E-06	-1.20E-06	-7.80E-07	-8.20E-07	-8.20E-07	-5.40E-07	-5.40E-07	-6.70E-07

Licensee Comments: none

Reactor Coolant System Activity



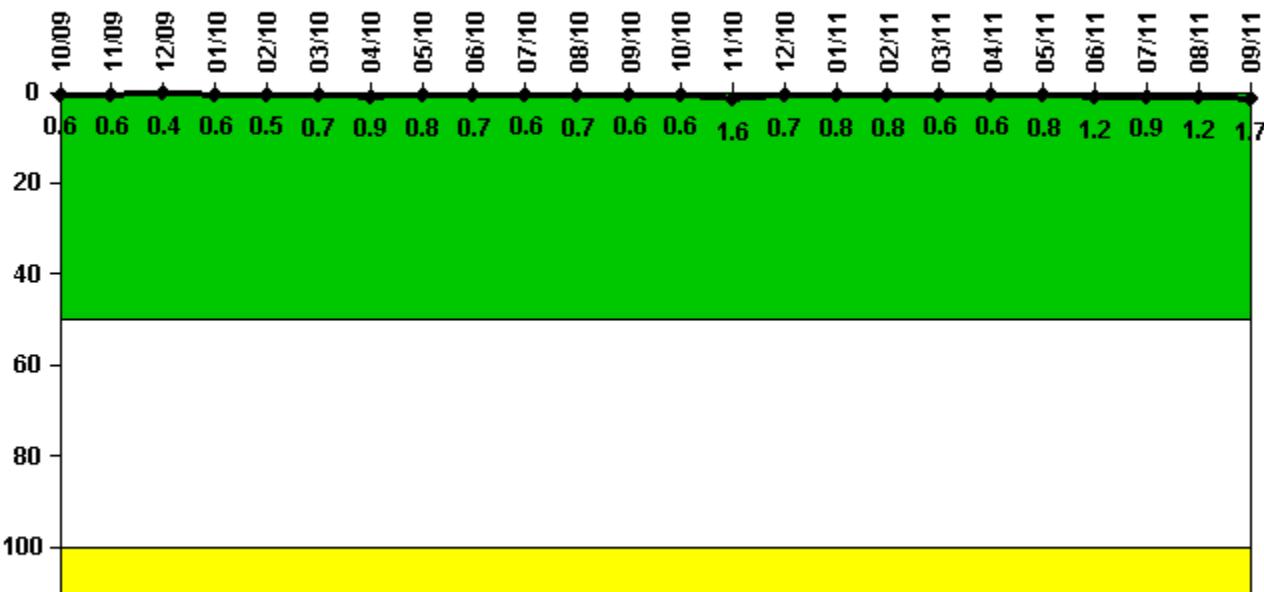
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum activity	0.001241	0.000484	0.000631	0.001969	0.000532	0.001110	0.000309	0.000362	0.000337	0.000516	0.000372	0.000377
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0.1	0.2	0.1	0.1	0	0	0	0.1	0	0
Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000870	0.000412	0.000441	0.000498	0.000462	0.000467	0.000466	0.000588	0.001497	0.001784	0.000538	0.000556
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0.1	0.1	0.2	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



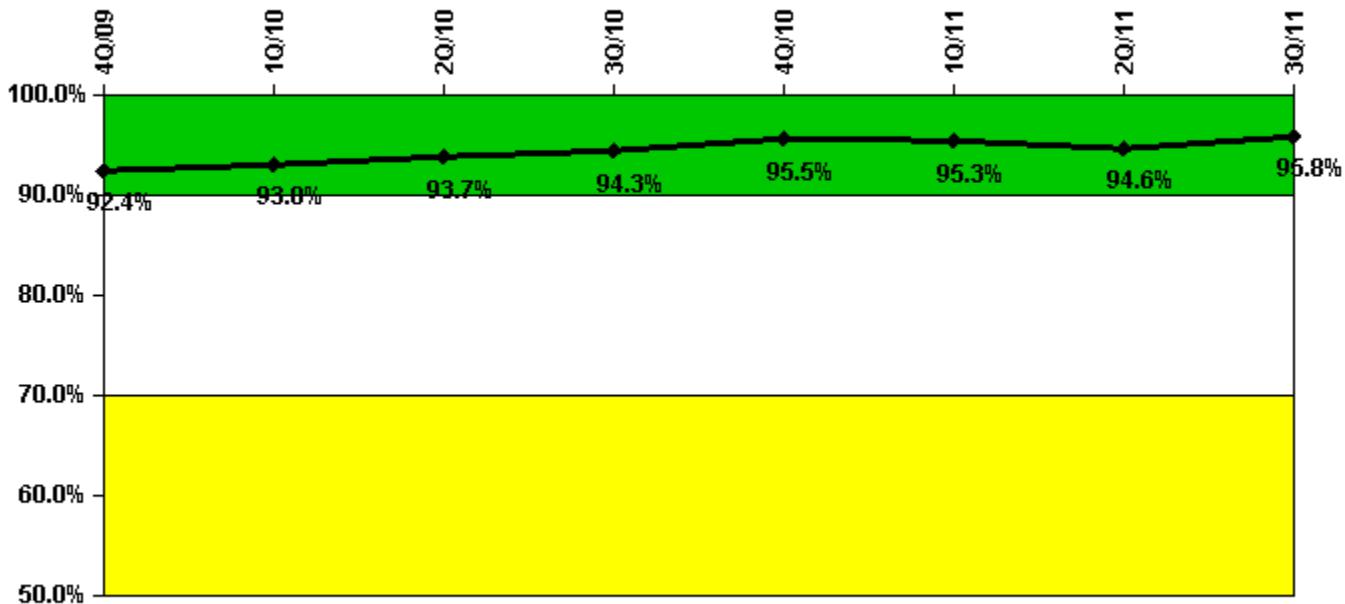
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/09	11/09	12/09	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10
Maximum leakage	0.063	0.063	0.044	0.063	0.047	0.071	0.088	0.078	0.071	0.061	0.069	0.061
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.6	0.4	0.6	0.5	0.7	0.9	0.8	0.7	0.6	0.7	0.6
Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.063	0.157	0.067	0.076	0.082	0.063	0.058	0.078	0.122	0.091	0.116	0.165
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	1.6	0.7	0.8	0.8	0.6	0.6	0.8	1.2	0.9	1.2	1.7

Licensee Comments: none

Drill/Exercise Performance



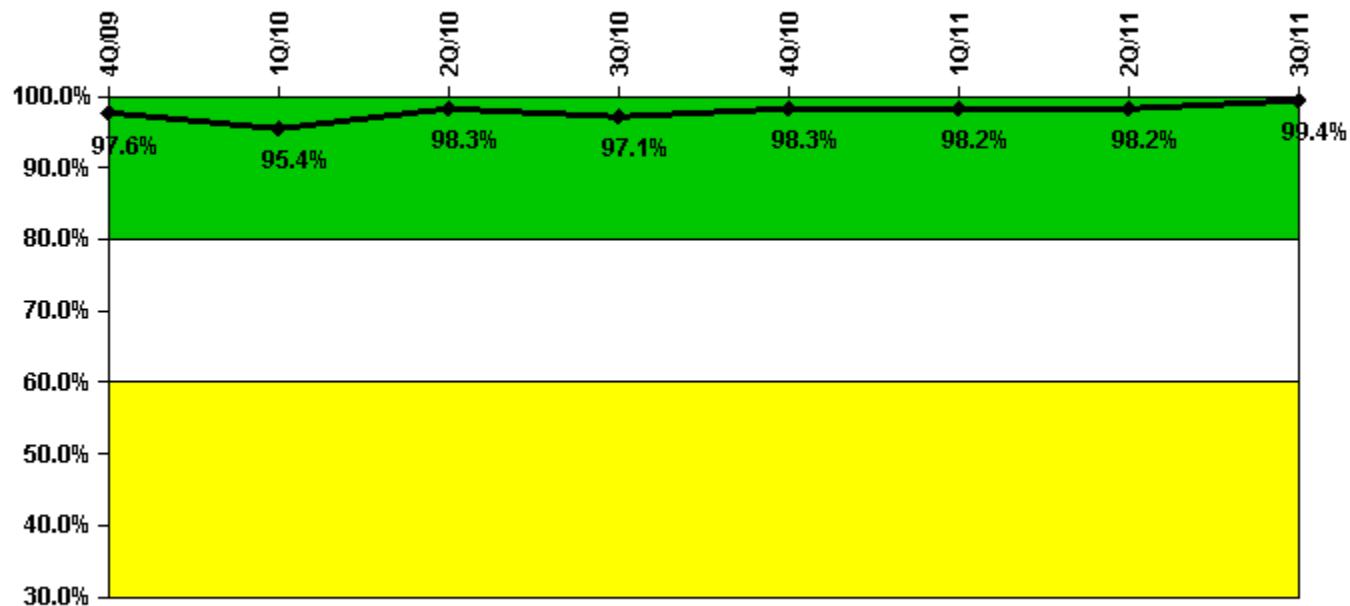
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful opportunities	50.0	8.0	8.0	17.0	51.0	0	30.0	40.0
Total opportunities	56.0	8.0	8.0	17.0	52.0	0	32.0	40.0
Indicator value	92.4%	93.0%	93.7%	94.3%	95.5%	95.3%	94.6%	95.8%

Licensee Comments: none

ERO Drill Participation



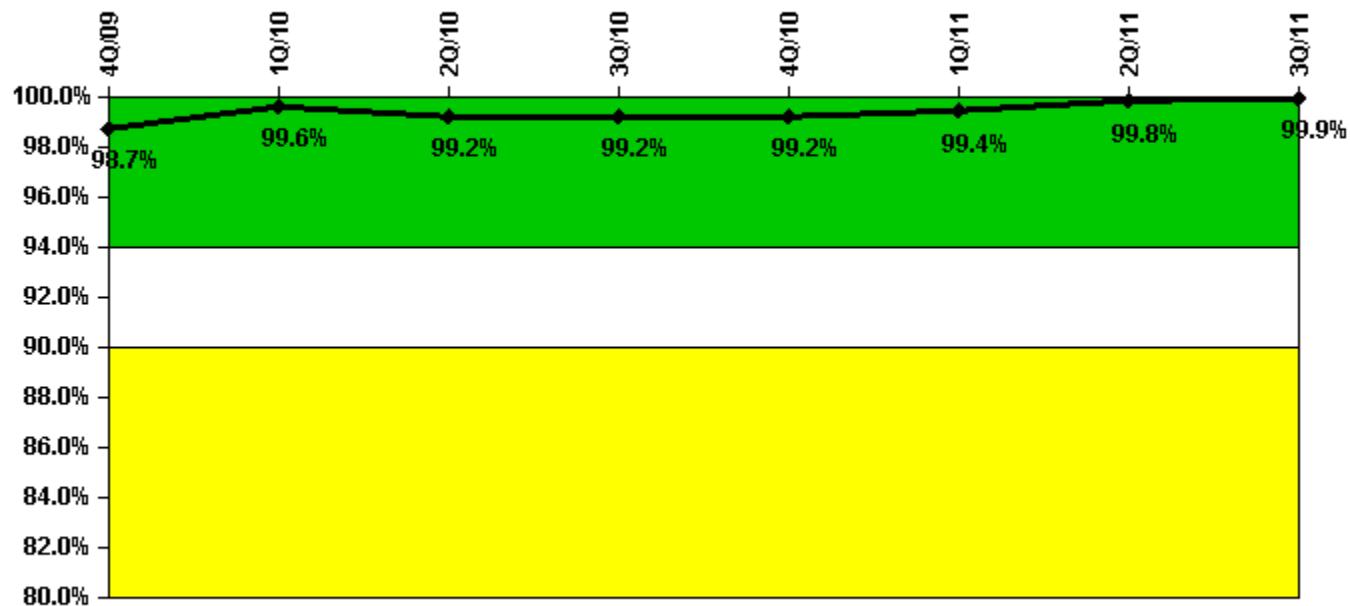
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Participating Key personnel	165.0	166.0	169.0	167.0	171.0	167.0	165.0	168.0
Total Key personnel	169.0	174.0	172.0	172.0	174.0	170.0	168.0	169.0
Indicator value	97.6%	95.4%	98.3%	97.1%	98.3%	98.2%	98.2%	99.4%

Licensee Comments: none

Alert & Notification System



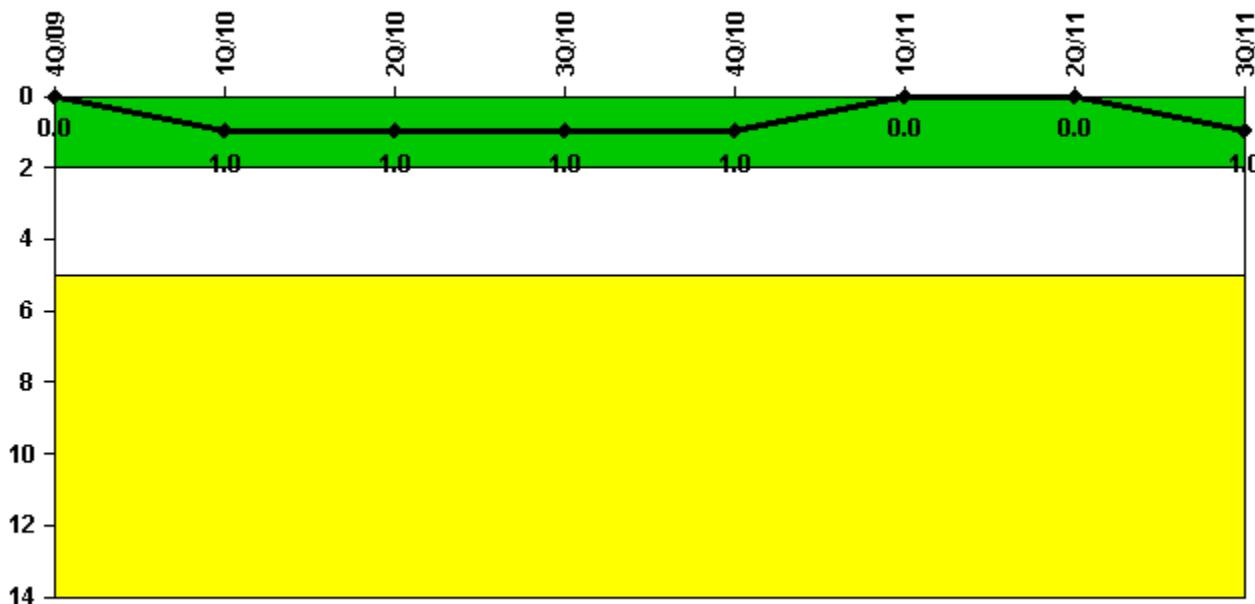
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
Successful siren-tests	1873	1731	1774	1868	1807	1808	1803	1808
Total sirens-tests	1876	1742	1809	1876	1809	1809	1809	1809
Indicator value	98.7%	99.6%	99.2%	99.2%	99.2%	99.4%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



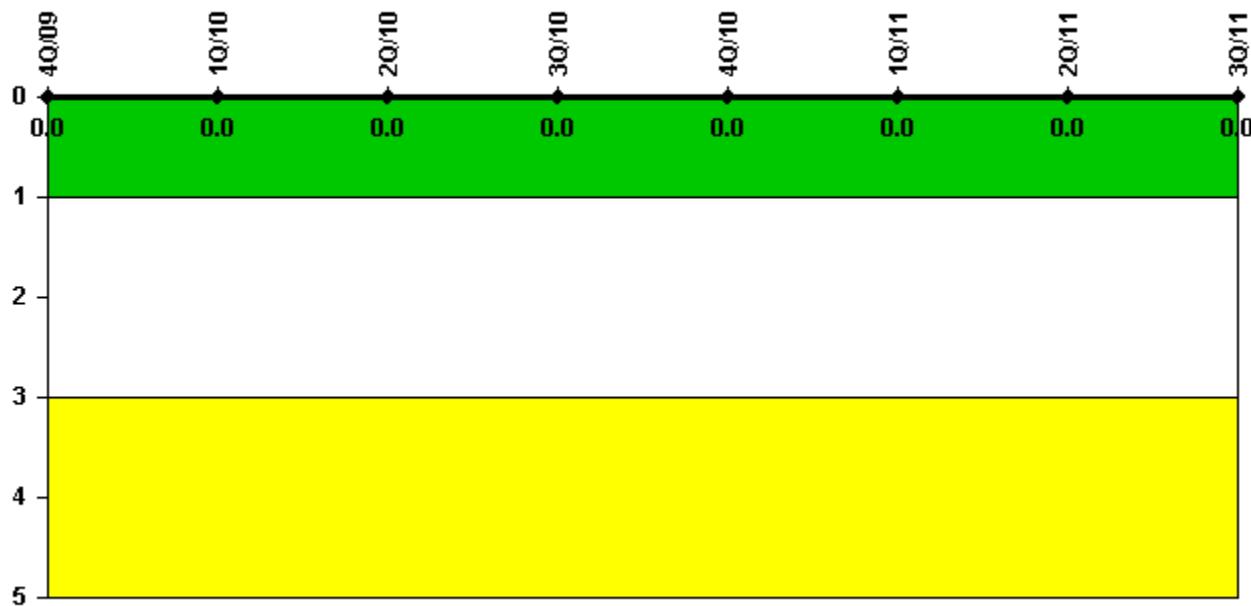
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
High radiation area occurrences	0	1	0	0	0	0	0	1
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0	1	1	1	1	0	0	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/09	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

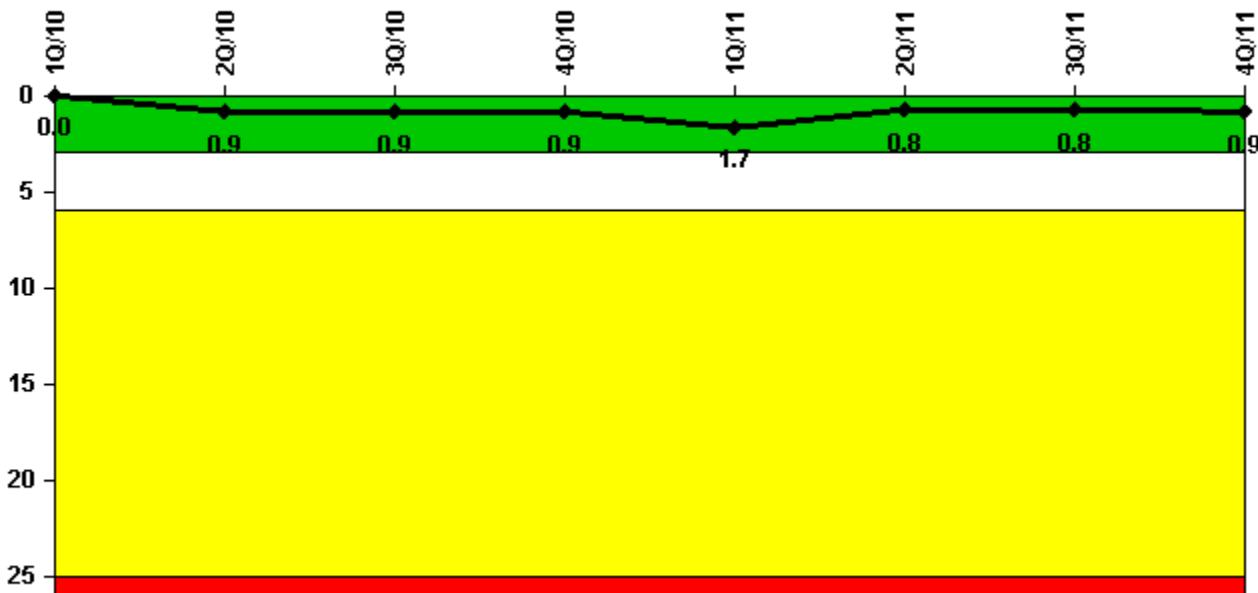
Security information not publicly available.

McGuire 1

4Q/2011 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



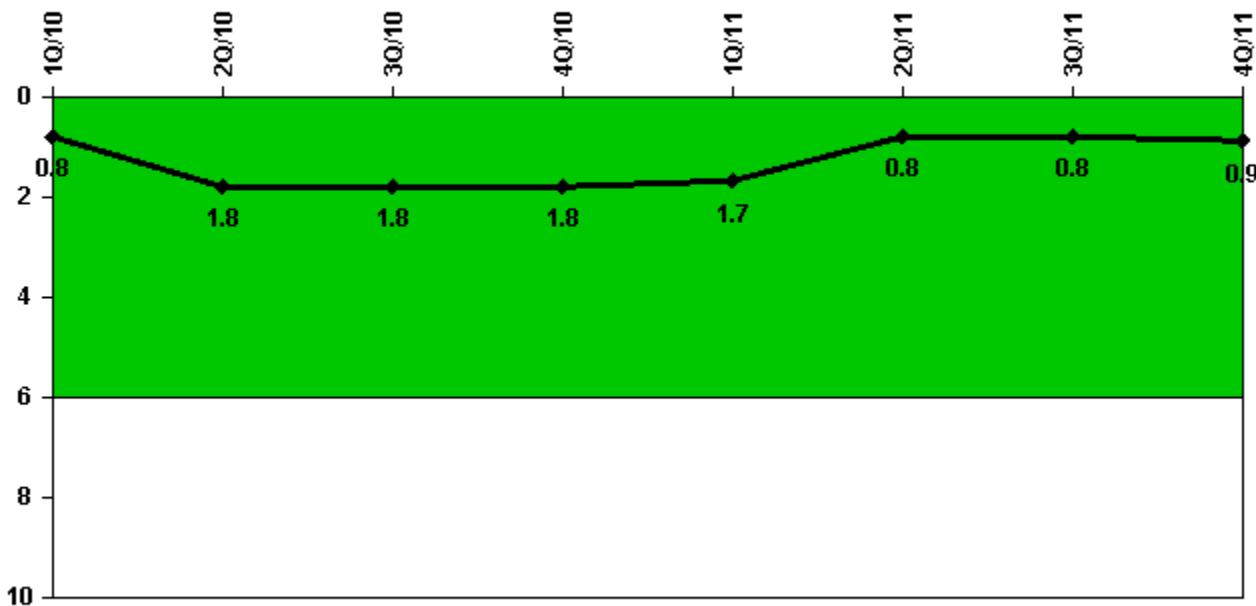
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned scrams	0	1.0	0	0	1.0	0	0	0
Critical hours	1711.1	1723.8	2208.0	2209.0	2062.1	2184.0	1879.2	1881.8
Indicator value	0	0.9	0.9	0.9	1.7	0.8	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



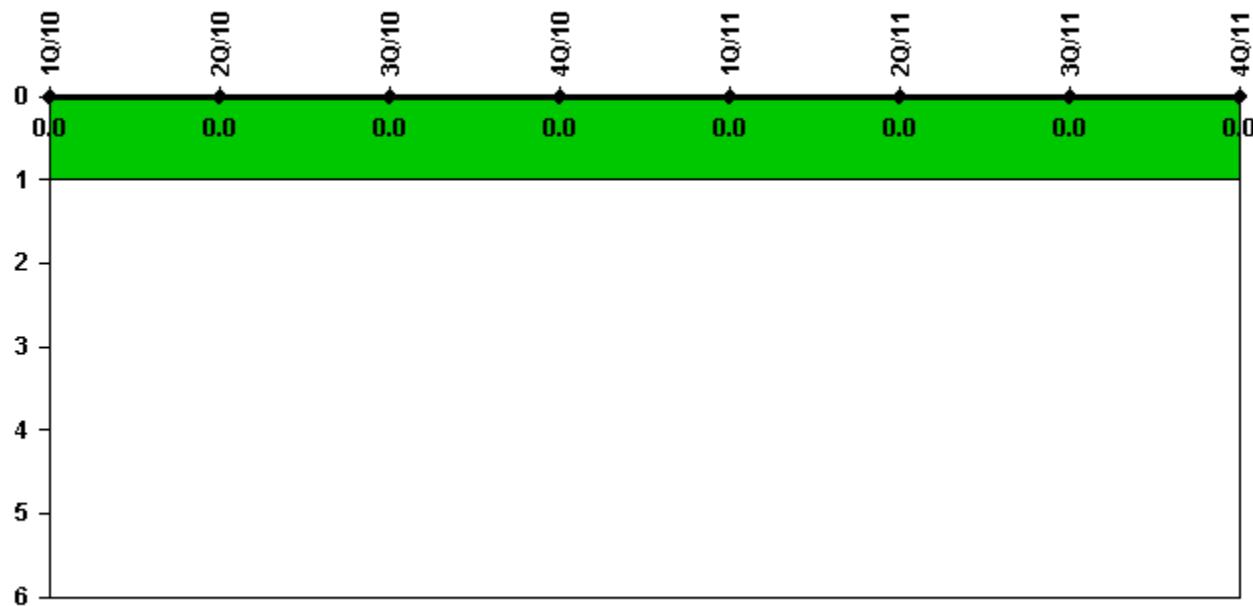
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Unplanned power changes	1.0	1.0	0	0	1.0	0	0	0
Critical hours	1711.1	1723.8	2208.0	2209.0	2062.1	2184.0	1879.2	1881.8
Indicator value	0.8	1.8	1.8	1.8	1.7	0.8	0.8	0.9

Licensee Comments: none

Unplanned Scrams with Complications



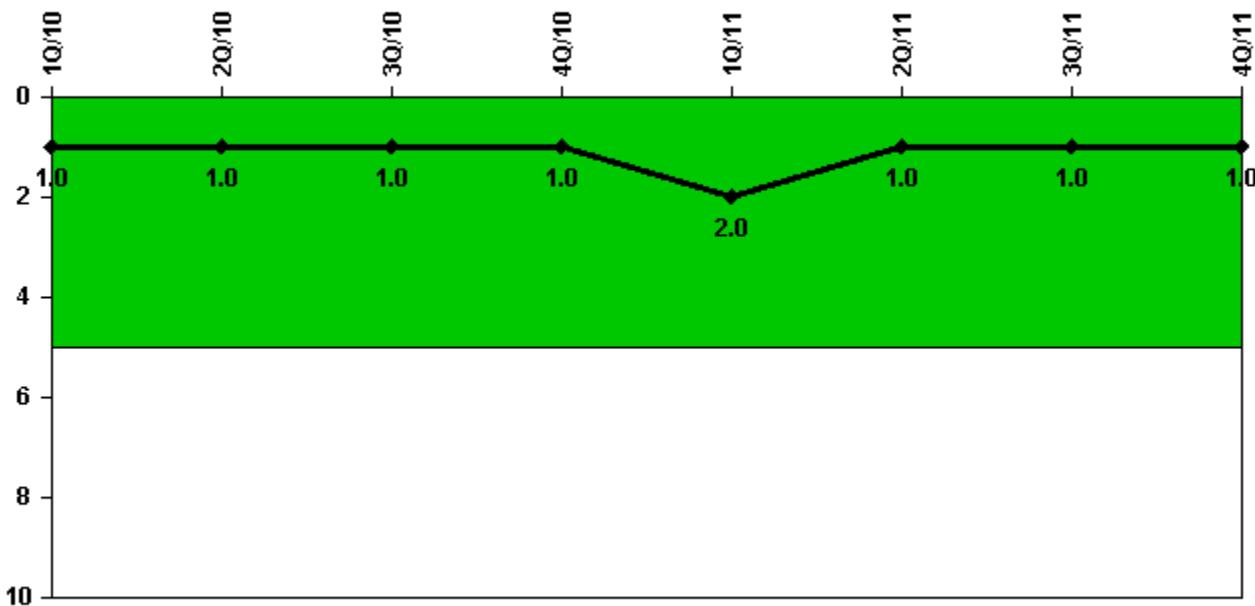
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0

Licensee Comments: none

Safety System Functional Failures (PWR)



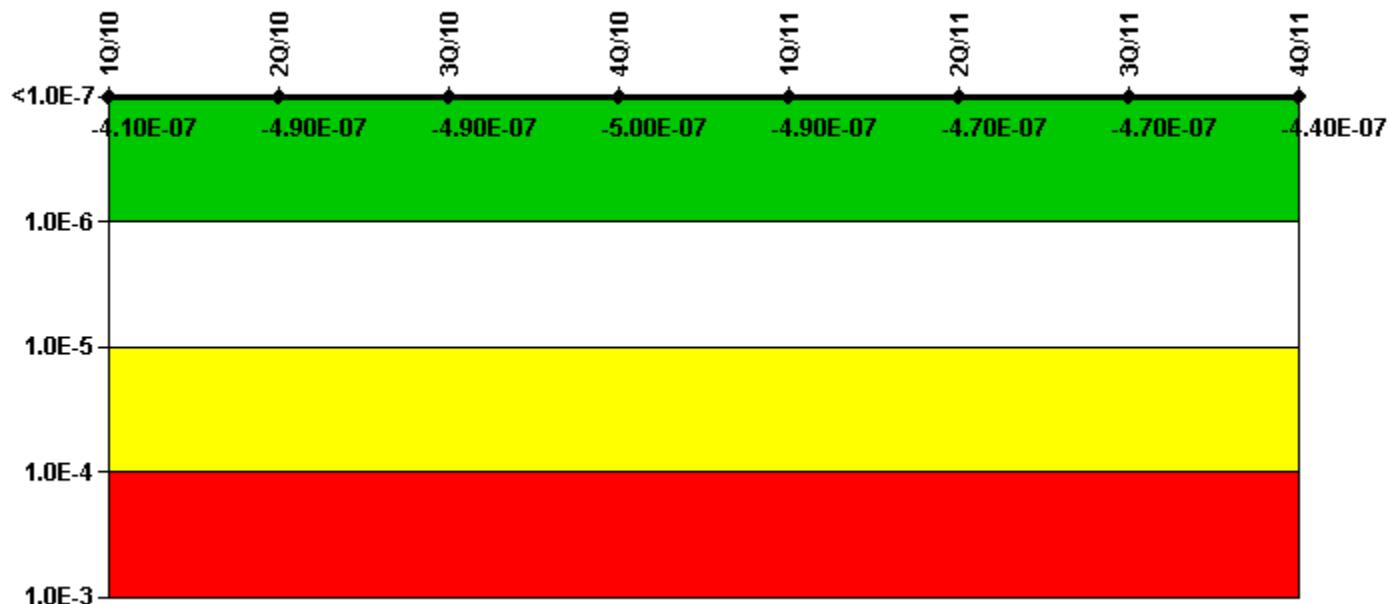
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Safety System Functional Failures	0	1	0	0	1	0	0	0
Indicator value	1	1	1	1	2	1	1	1

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



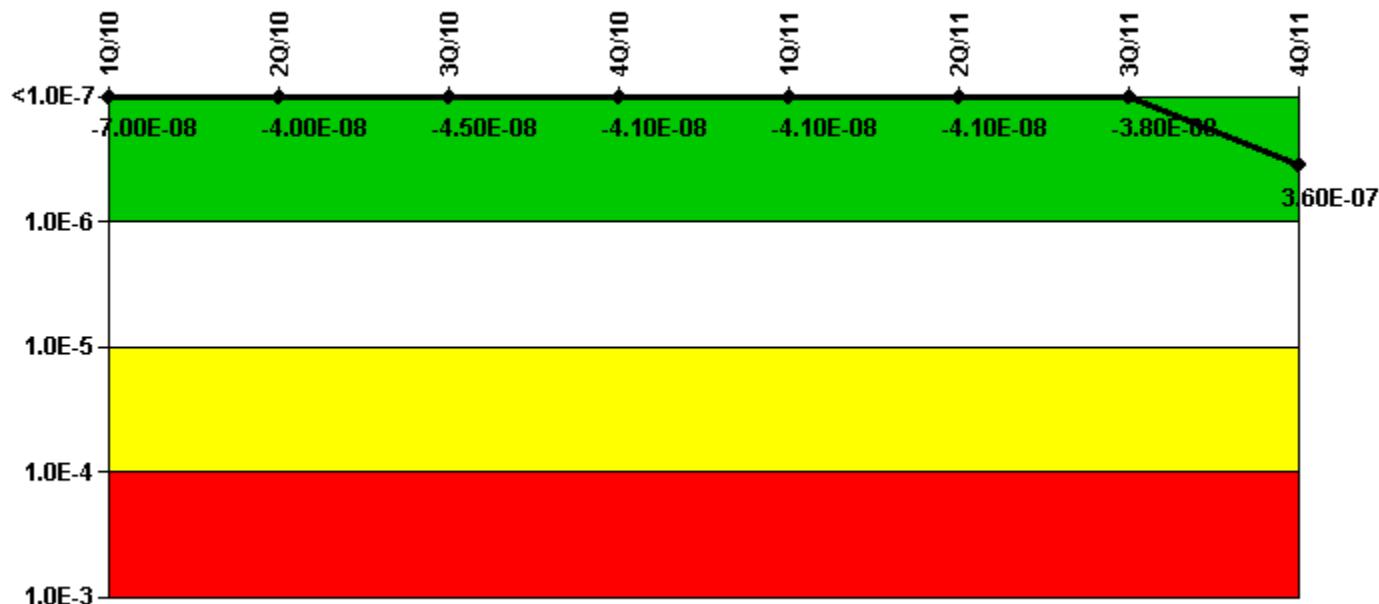
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	3.61E-08	-3.81E-08	-4.06E-08	-5.15E-08	-4.25E-08	-2.40E-08	-2.14E-08	6.97E-09
URI (Δ CDF)	-4.46E-07	-4.47E-07						
PLE	NO							
Indicator value	-4.10E-07	-4.90E-07	-4.90E-07	-5.00E-07	-4.90E-07	-4.70E-07	-4.70E-07	-4.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



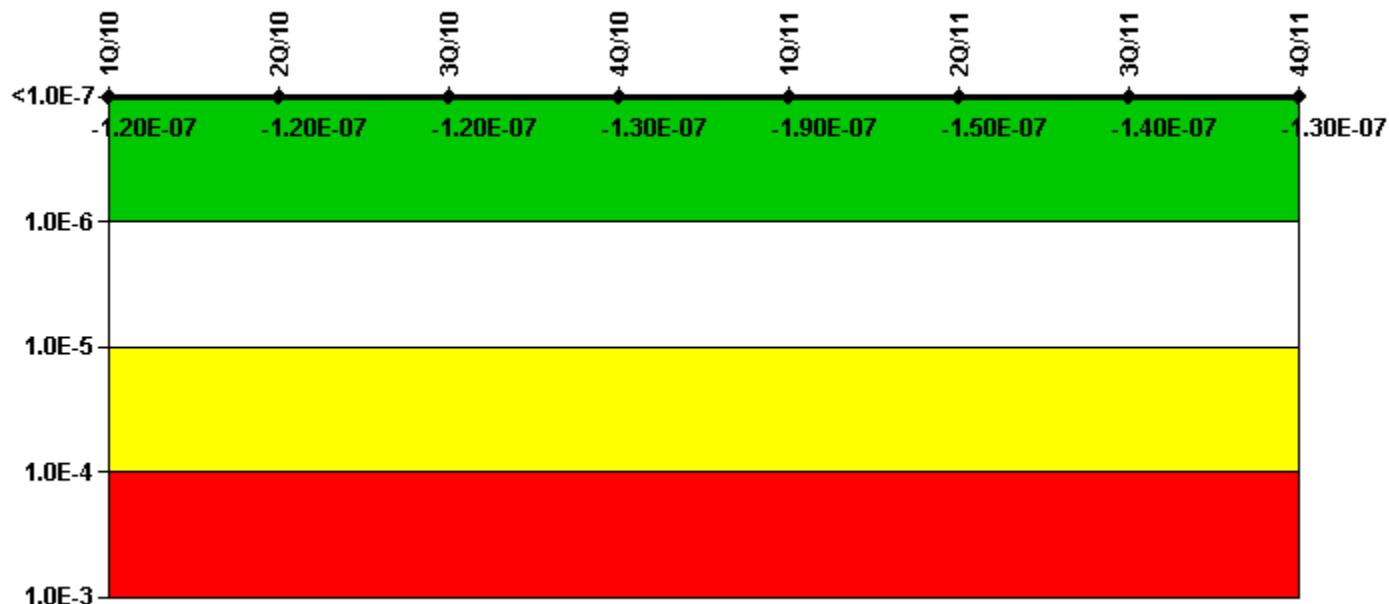
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	5.04E-09	8.75E-09	3.96E-09	8.20E-09	8.51E-09	8.46E-09	1.13E-08	8.92E-09
URI (Δ CDF)	-7.53E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	3.55E-07
PLE	NO	NO						
Indicator value	-7.00E-08	-4.00E-08	-4.50E-08	-4.10E-08	-4.10E-08	-4.10E-08	-3.80E-08	3.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



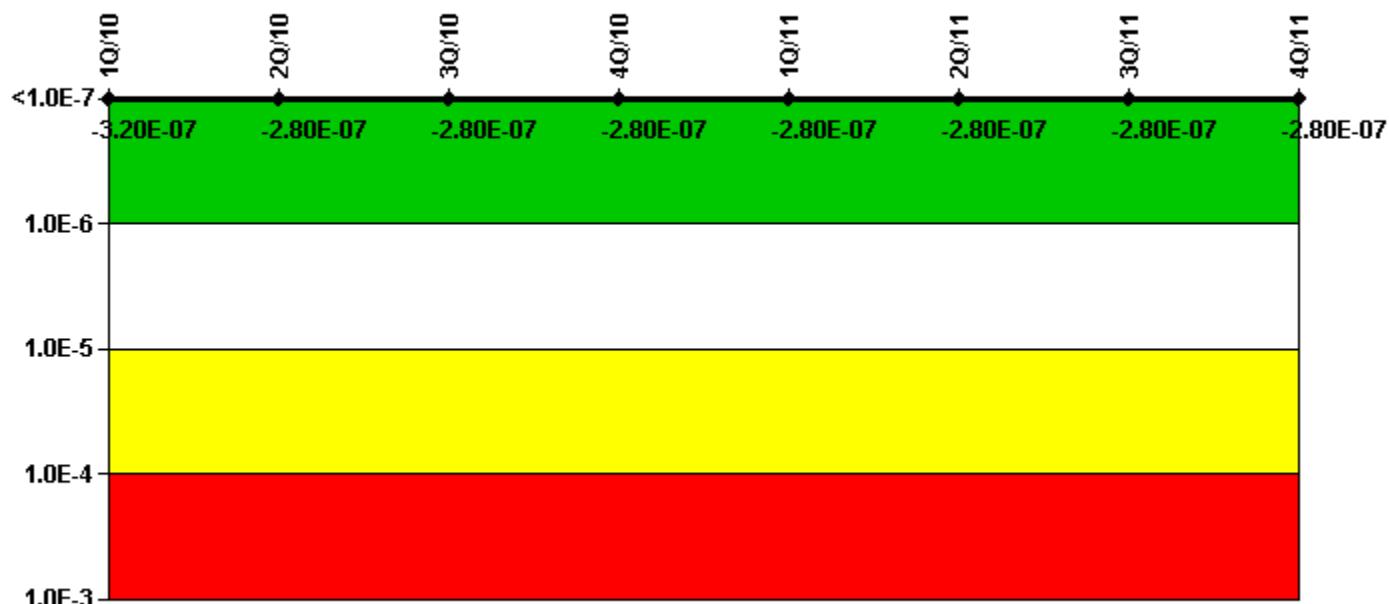
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	4.56E-08	4.69E-08	4.75E-08	4.53E-08	-1.60E-08	1.45E-08	2.54E-08	3.34E-08
URI (Δ CDF)	-1.65E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.67E-07	-1.67E-07	-1.67E-07
PLE	NO							
Indicator value	-1.20E-07	-1.20E-07	-1.20E-07	-1.30E-07	-1.90E-07	-1.50E-07	-1.40E-07	-1.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



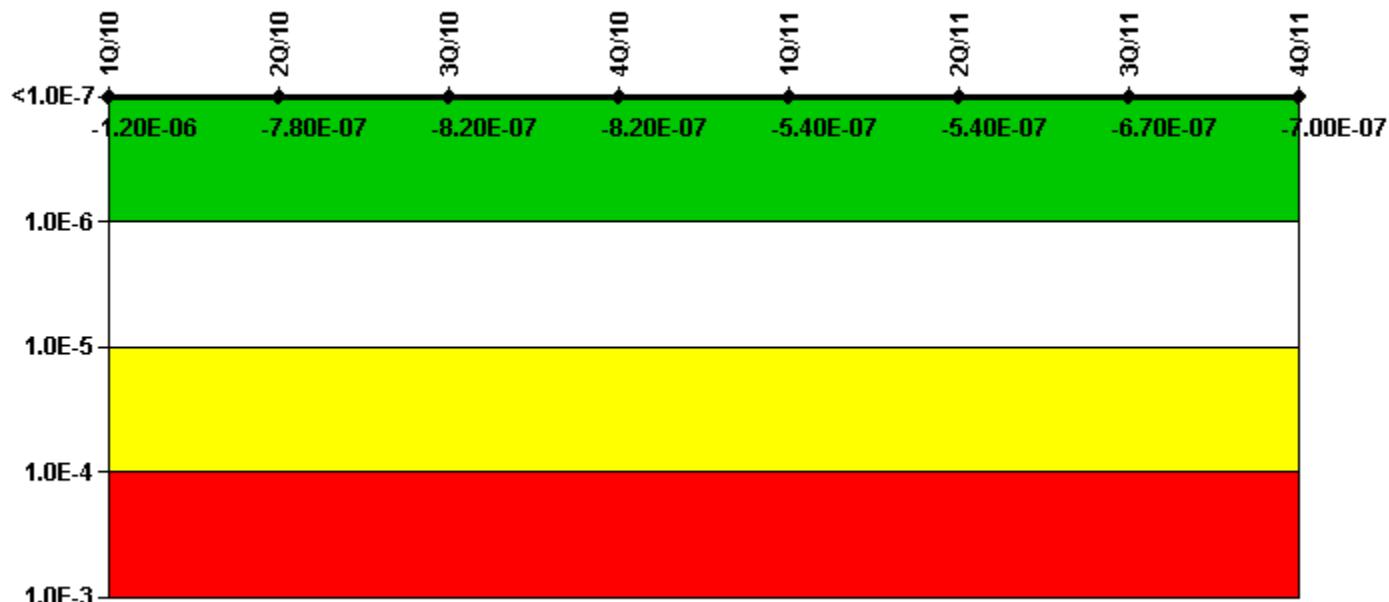
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	-3.02E-08	-3.11E-08						
URI (Δ CDF)	-2.85E-07	-2.47E-07						
PLE	NO							
Indicator value	-3.20E-07	-2.80E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



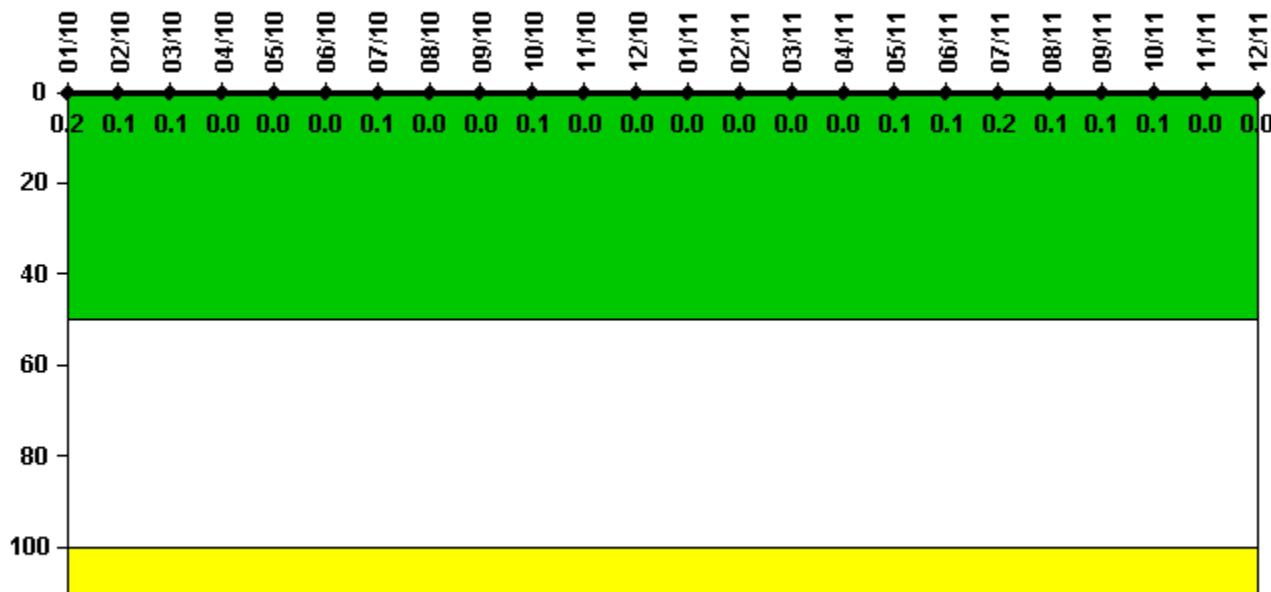
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
UAI (Δ CDF)	3.92E-08	3.08E-07	2.76E-07	2.72E-07	5.53E-07	5.51E-07	4.19E-07	3.94E-07
URI (Δ CDF)	-1.24E-06	-1.09E-06						
PLE	NO							
Indicator value	-1.20E-06	-7.80E-07	-8.20E-07	-8.20E-07	-5.40E-07	-5.40E-07	-6.70E-07	-7.00E-07

Licensee Comments: none

Reactor Coolant System Activity



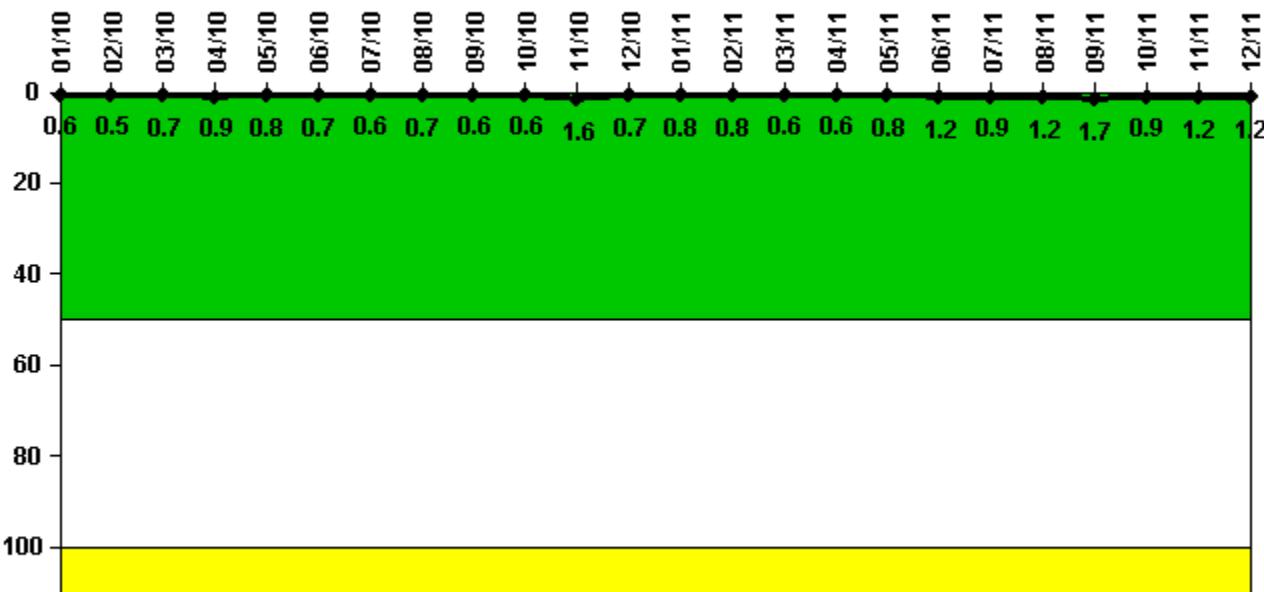
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum activity	0.001969	0.000532	0.001110	0.000309	0.000362	0.000337	0.000516	0.000372	0.000377	0.000870	0.000412	0.000441
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0	0	0	0.1	0	0	0.1	0	0
Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000498	0.000462	0.000467	0.000466	0.000588	0.001497	0.001784	0.000538	0.000556	0.000556	0.000371	0.000305
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0.2	0.1	0.1	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



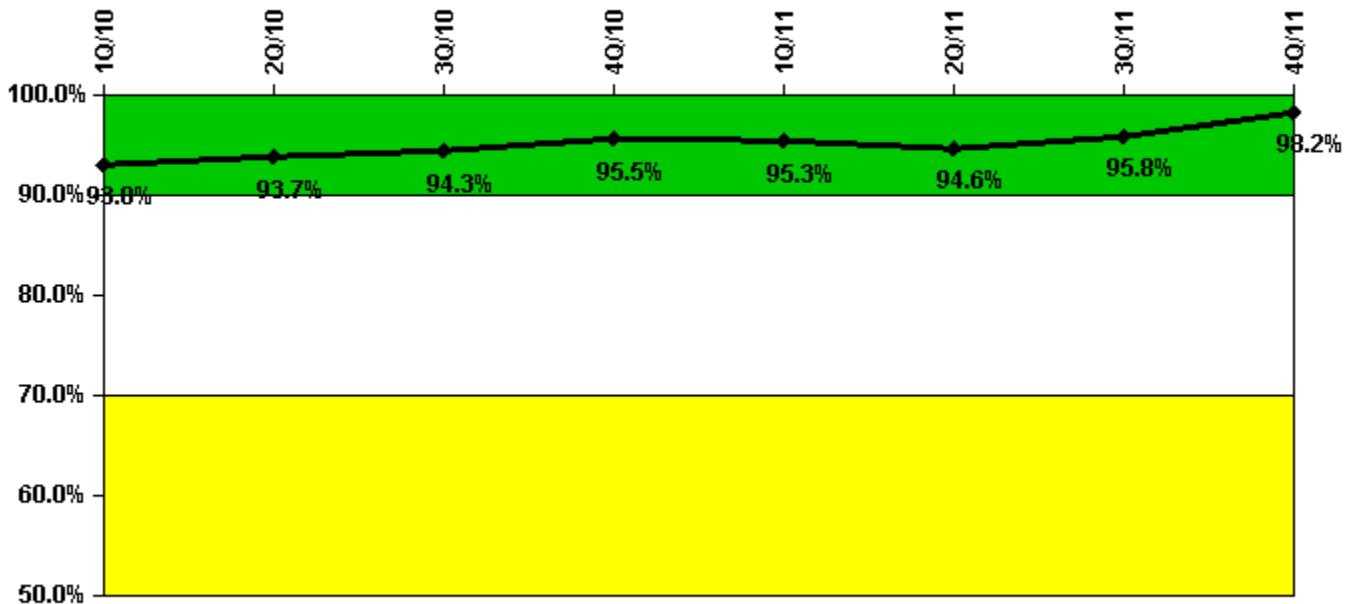
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/10	2/10	3/10	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10
Maximum leakage	0.063	0.047	0.071	0.088	0.078	0.071	0.061	0.069	0.061	0.063	0.157	0.067
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.5	0.7	0.9	0.8	0.7	0.6	0.7	0.6	0.6	1.6	0.7
Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.076	0.082	0.063	0.058	0.078	0.122	0.091	0.116	0.165	0.085	0.120	0.117
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.8	0.6	0.6	0.8	1.2	0.9	1.2	1.7	0.9	1.2	1.2

Licensee Comments: none

Drill/Exercise Performance



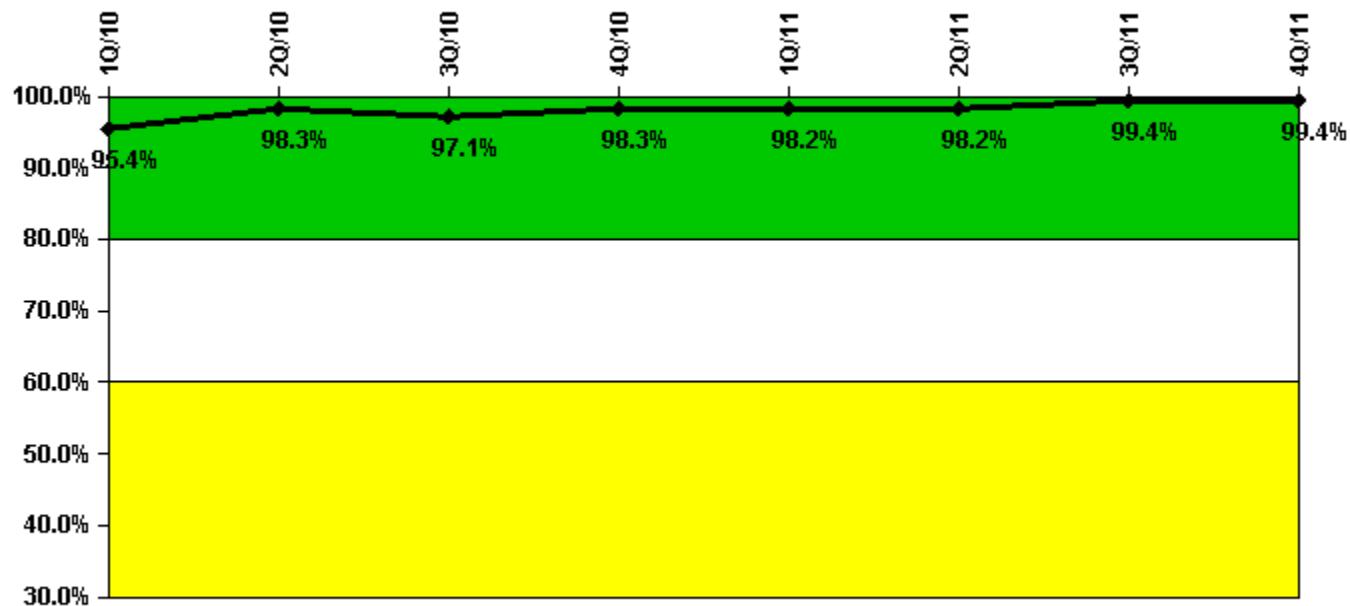
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful opportunities	8.0	8.0	17.0	51.0	0	30.0	40.0	64.0
Total opportunities	8.0	8.0	17.0	52.0	0	32.0	40.0	65.0
Indicator value	93.0%	93.7%	94.3%	95.5%	95.3%	94.6%	95.8%	98.2%

Licensee Comments: none

ERO Drill Participation



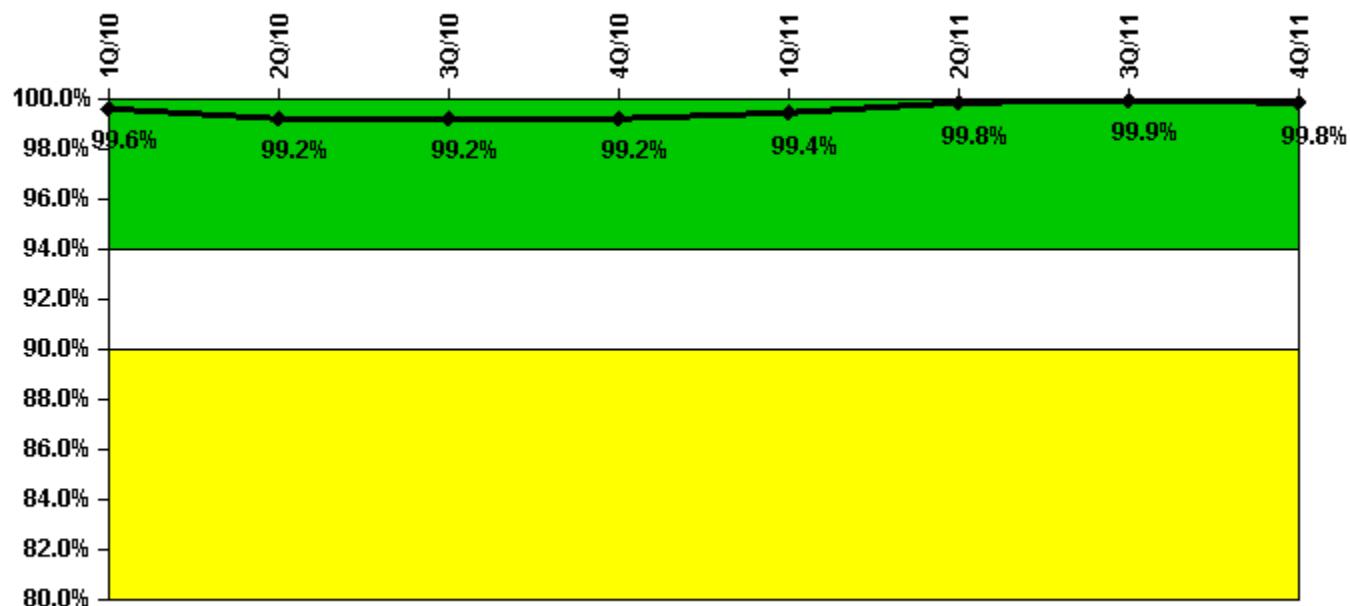
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Participating Key personnel	166.0	169.0	167.0	171.0	167.0	165.0	168.0	173.0
Total Key personnel	174.0	172.0	172.0	174.0	170.0	168.0	169.0	174.0
Indicator value	95.4%	98.3%	97.1%	98.3%	98.2%	98.2%	99.4%	99.4%

Licensee Comments: none

Alert & Notification System



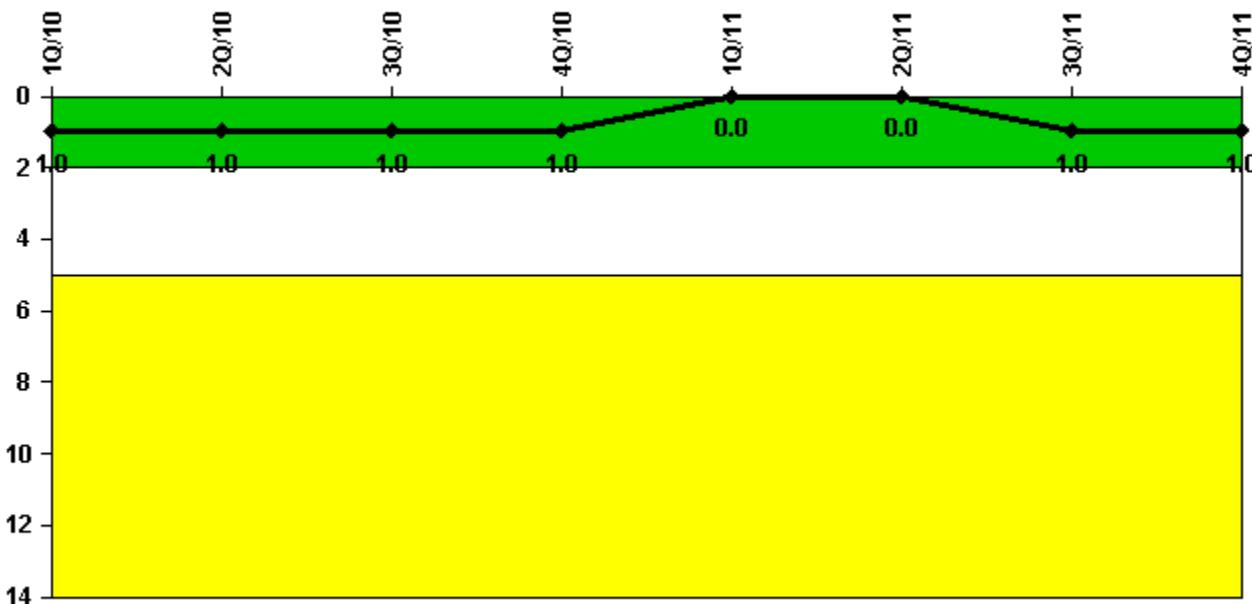
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
Successful siren-tests	1731	1774	1868	1807	1808	1803	1808	1805
Total sirens-tests	1742	1809	1876	1809	1809	1809	1809	1809
Indicator value	99.6%	99.2%	99.2%	99.2%	99.4%	99.8%	99.9%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



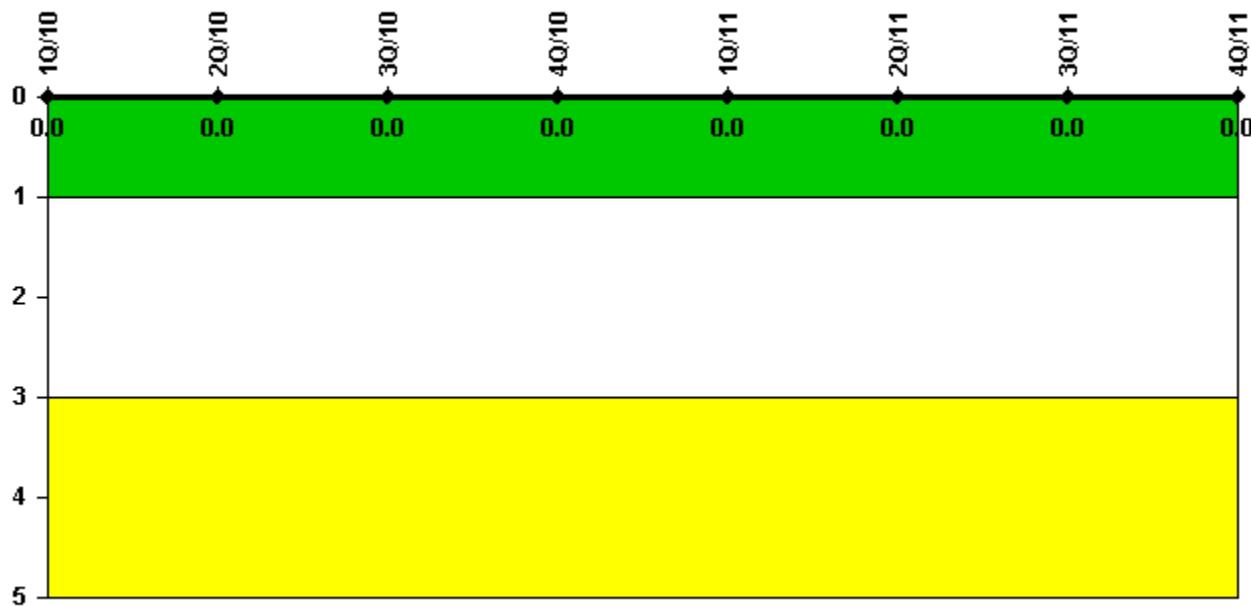
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
High radiation area occurrences	1	0	0	0	0	0	1	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/10	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

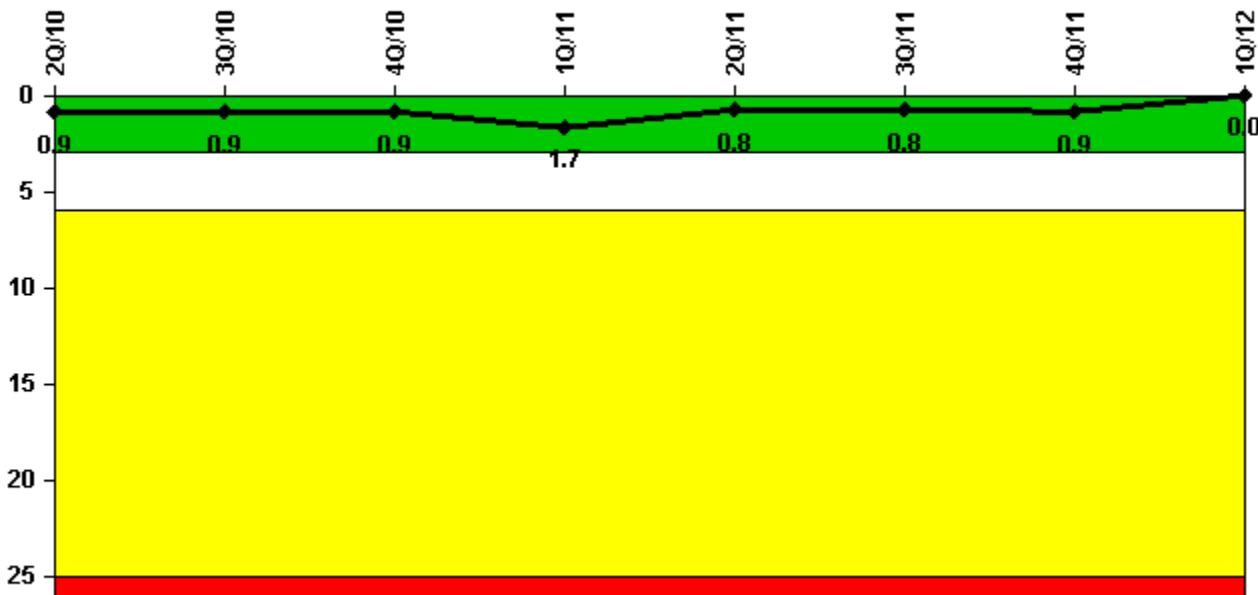
Security information not publicly available.

McGuire 1

1Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



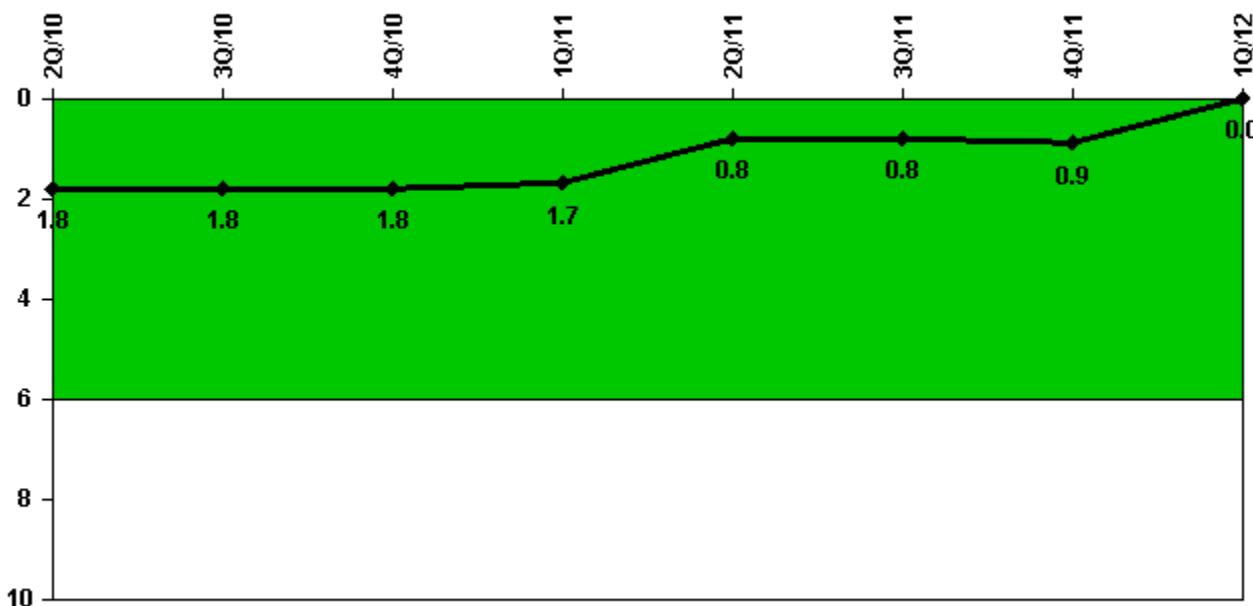
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	1723.8	2208.0	2209.0	2062.1	2184.0	1879.2	1881.8	2183.0
Indicator value	0.9	0.9	0.9	1.7	0.8	0.8	0.9	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



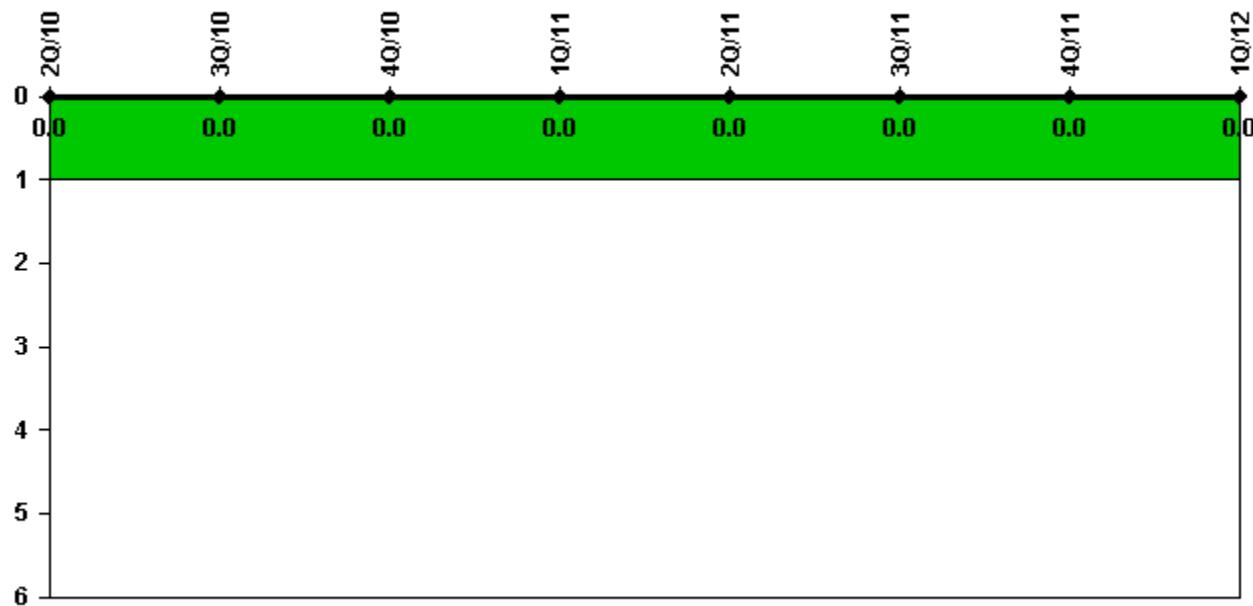
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Unplanned power changes	1.0	0	0	1.0	0	0	0	0
Critical hours	1723.8	2208.0	2209.0	2062.1	2184.0	1879.2	1881.8	2183.0
Indicator value	1.8	1.8	1.8	1.7	0.8	0.8	0.9	0

Licensee Comments: none

Unplanned Scrams with Complications



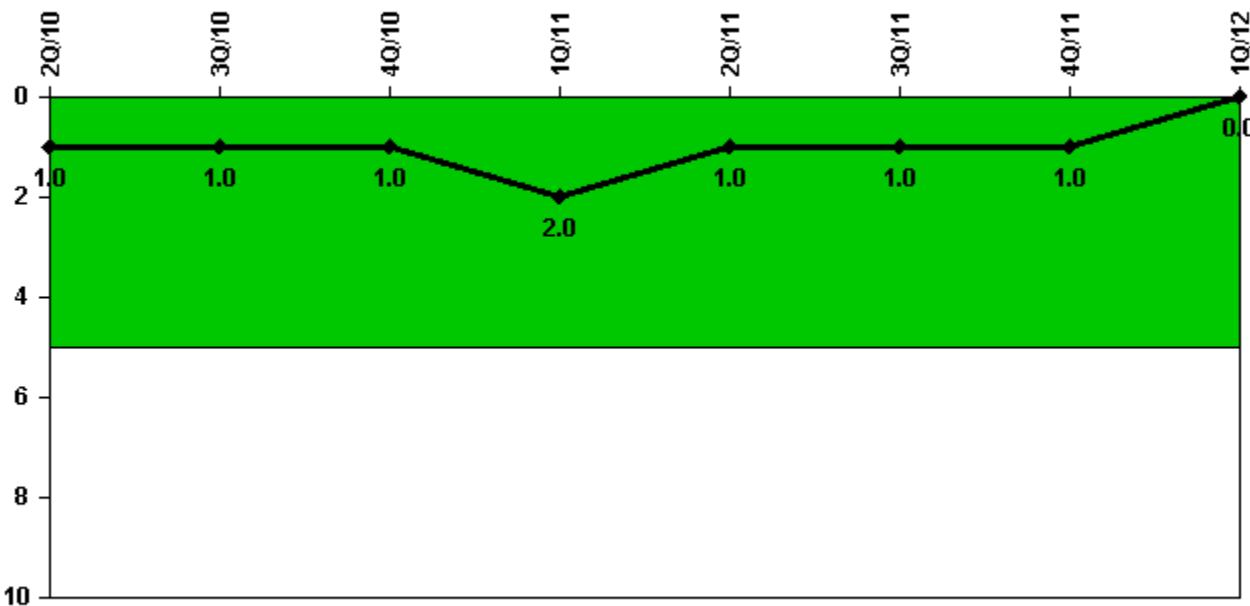
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

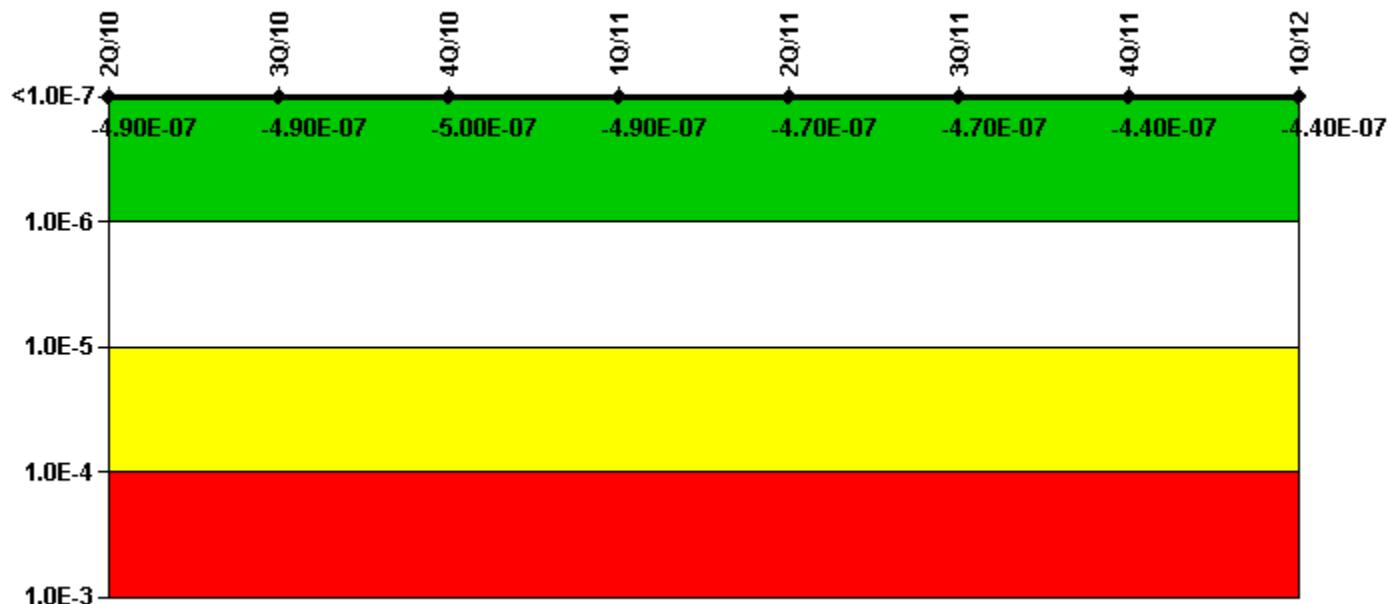
Notes

Safety System Functional Failures (PWR)	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Safety System Functional Failures	1	0	0	1	0	0	0	0
Indicator value	1	1	1	2	1	1	1	0

Licensee Comments:

2Q/10: LER 369/2010-02

Mitigating Systems Performance Index, Emergency AC Power System



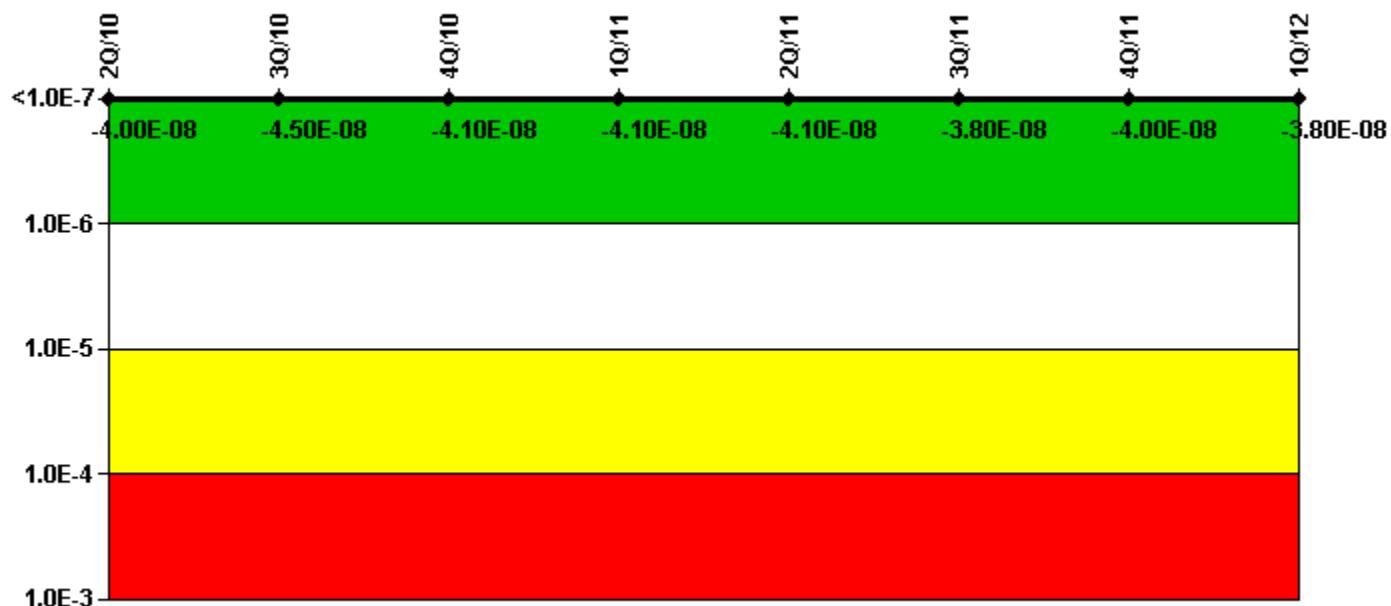
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-3.81E-08	-4.06E-08	-5.15E-08	-4.25E-08	-2.40E-08	-2.14E-08	6.97E-09	9.26E-09
URI (Δ CDF)	-4.47E-07							
PLE	NO							
Indicator value	-4.90E-07	-4.90E-07	-5.00E-07	-4.90E-07	-4.70E-07	-4.70E-07	-4.40E-07	-4.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



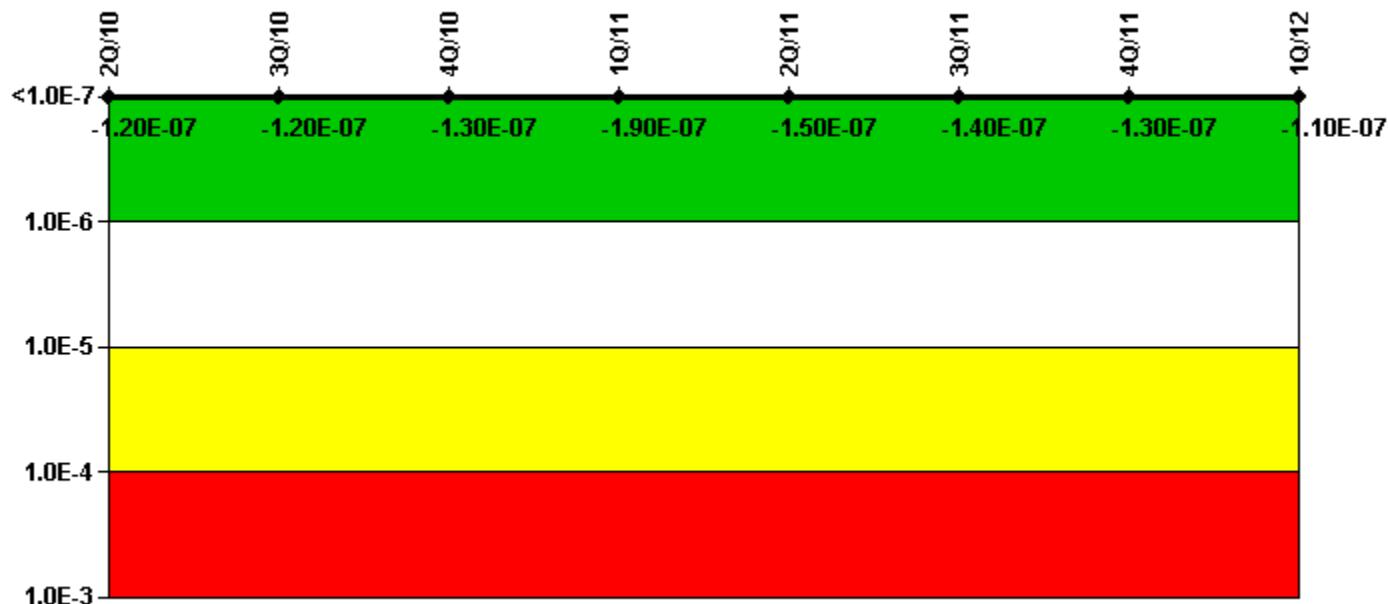
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	8.75E-09	3.96E-09	8.20E-09	8.51E-09	8.46E-09	1.13E-08	8.92E-09	1.10E-08
URI (Δ CDF)	-4.91E-08							
PLE	NO							
Indicator value	-4.00E-08	-4.50E-08	-4.10E-08	-4.10E-08	-4.10E-08	-3.80E-08	-4.00E-08	-3.80E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



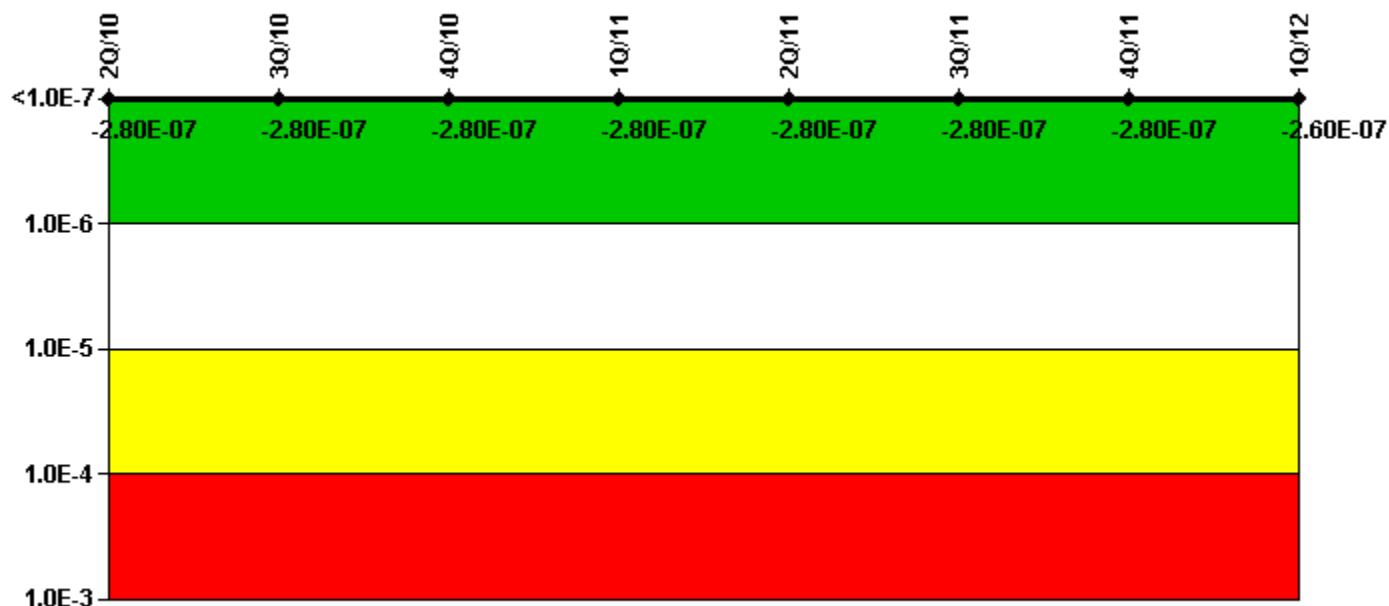
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	4.69E-08	4.75E-08	4.53E-08	-1.60E-08	1.45E-08	2.54E-08	3.34E-08	5.92E-08
URI (Δ CDF)	-1.71E-07	-1.71E-07	-1.71E-07	-1.71E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07
PLE	NO							
Indicator value	-1.20E-07	-1.20E-07	-1.30E-07	-1.90E-07	-1.50E-07	-1.40E-07	-1.30E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



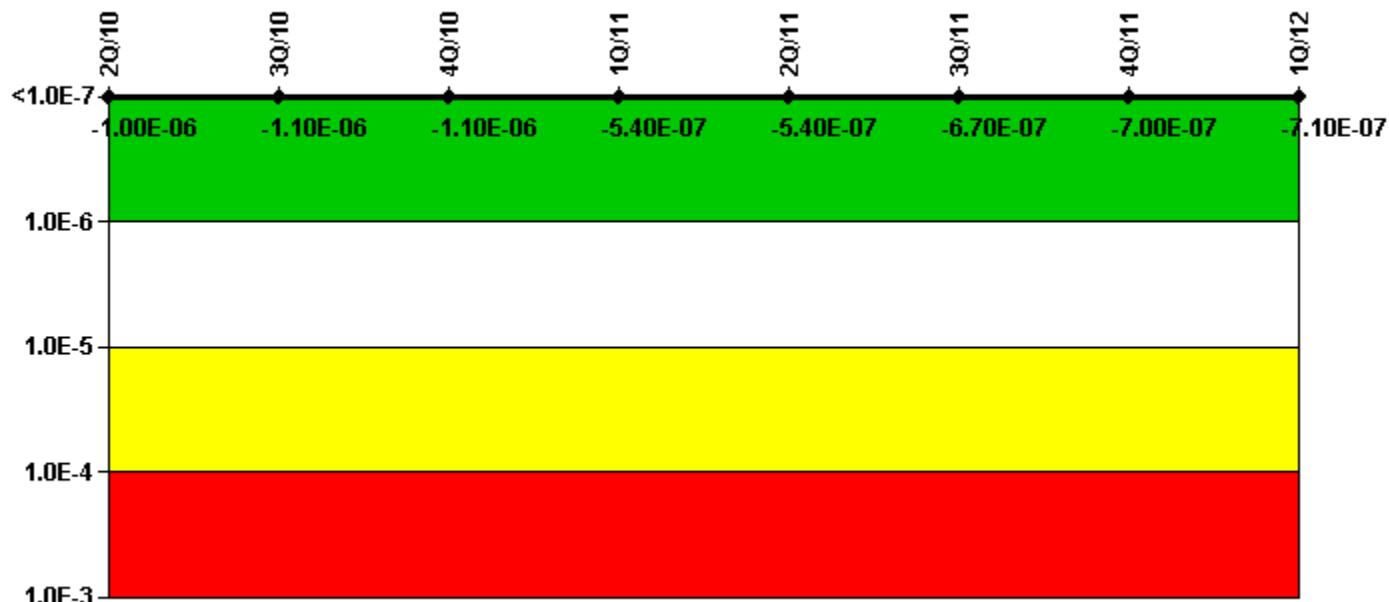
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	-3.11E-08	-1.32E-08						
URI (Δ CDF)	-2.47E-07							
PLE	NO							
Indicator value	-2.80E-07	-2.60E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

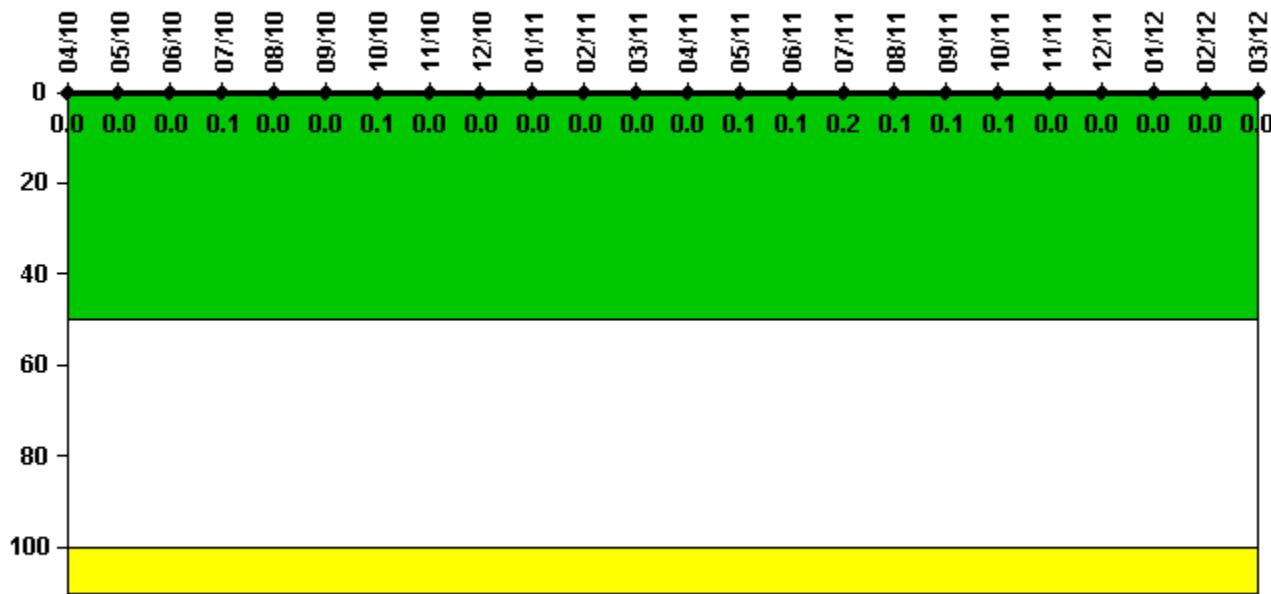
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
UAI (Δ CDF)	7.30E-08	4.10E-08	3.66E-08	5.53E-07	5.51E-07	4.19E-07	3.94E-07	3.85E-07
URI (Δ CDF)	-1.09E-06							
PLE	NO							
Indicator value	-1.00E-06	-1.10E-06	-1.10E-06	-5.40E-07	-5.40E-07	-6.70E-07	-7.00E-07	-7.10E-07

Licensee Comments:

1Q/11: Risk Cap Invoked.

Reactor Coolant System Activity



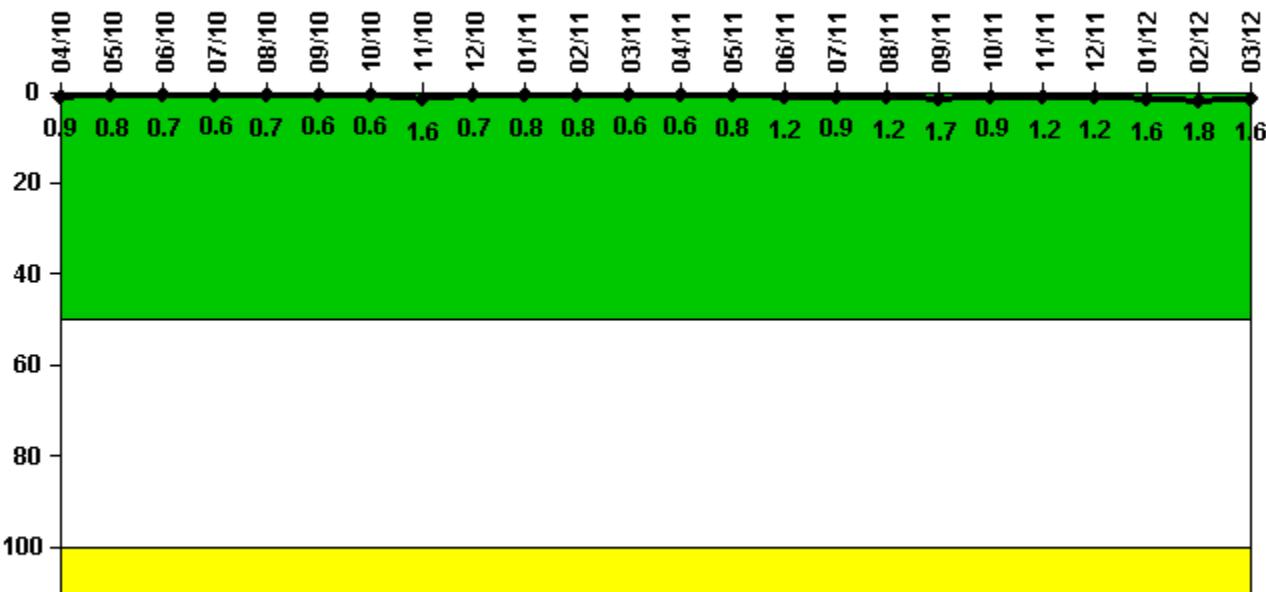
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum activity	0.000309	0.000362	0.000337	0.000516	0.000372	0.000377	0.000870	0.000412	0.000441	0.000498	0.000462	0.000467
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0	0.1	0	0	0	0	0
Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000466	0.000588	0.001497	0.001784	0.000538	0.000556	0.000556	0.000371	0.000305	0.000474	0.000310	0.000320
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.2	0.1	0.1	0.1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



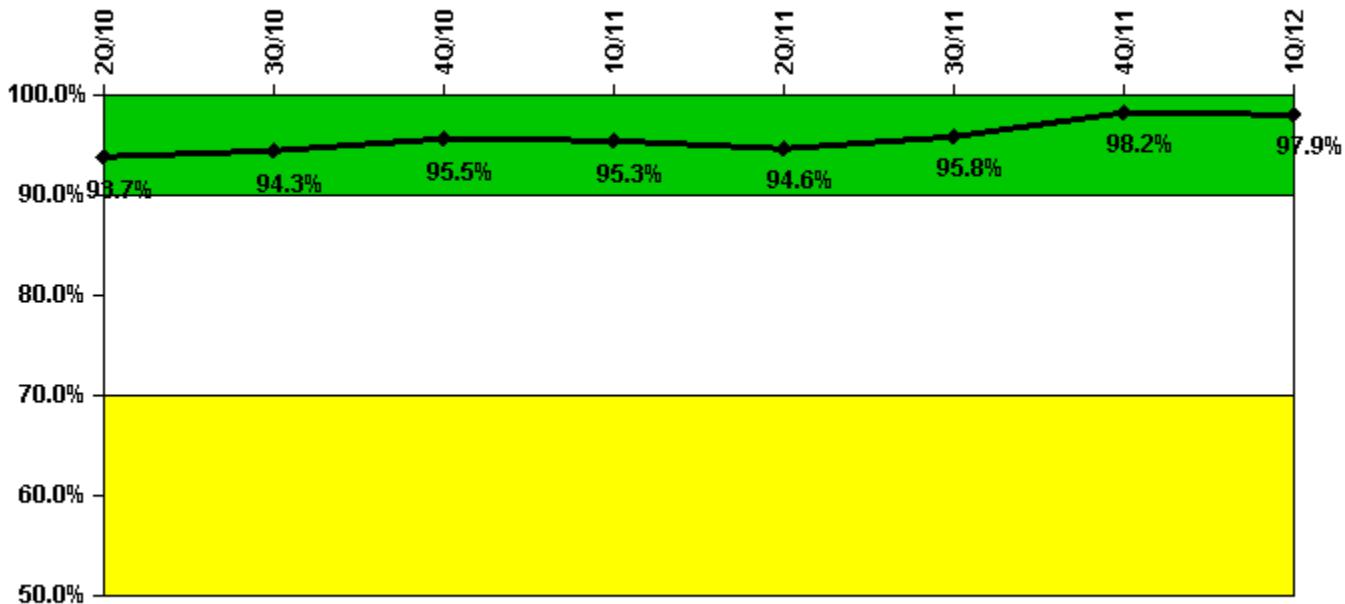
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/10	5/10	6/10	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11
Maximum leakage	0.088	0.078	0.071	0.061	0.069	0.061	0.063	0.157	0.067	0.076	0.082	0.063
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.8	0.7	0.6	0.7	0.6	0.6	1.6	0.7	0.8	0.8	0.6
Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.058	0.078	0.122	0.091	0.116	0.165	0.085	0.120	0.117	0.162	0.184	0.161
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.8	1.2	0.9	1.2	1.7	0.9	1.2	1.2	1.6	1.8	1.6

Licensee Comments: none

Drill/Exercise Performance



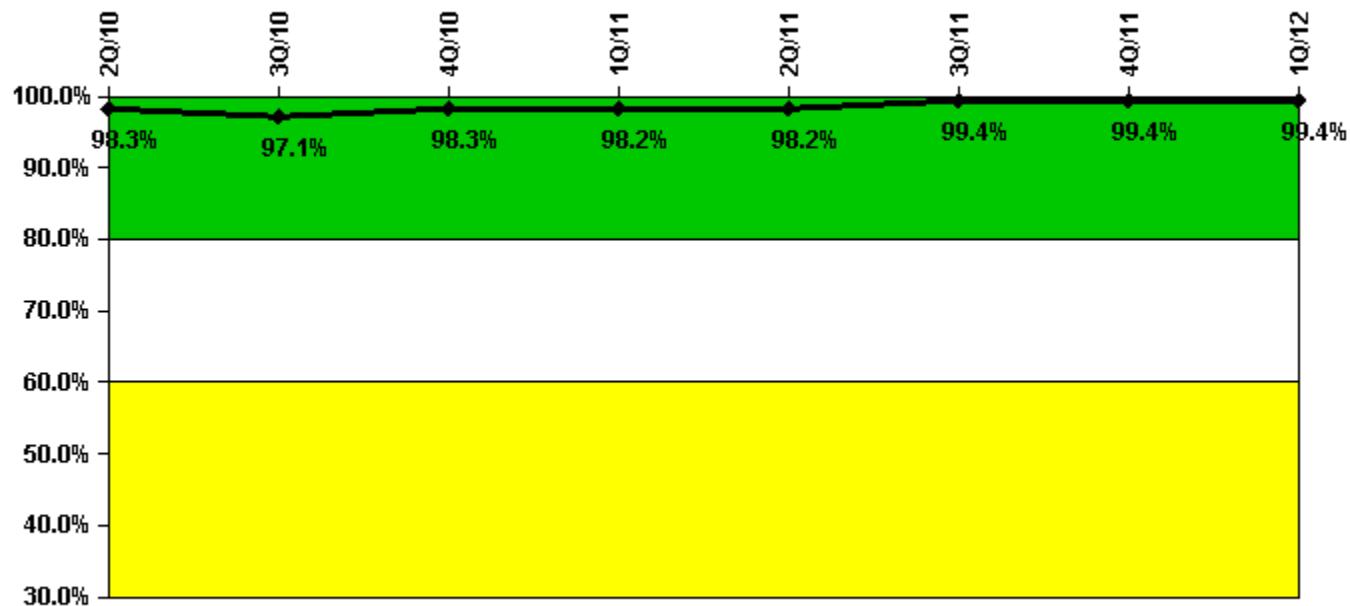
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful opportunities	8.0	17.0	51.0	0	30.0	40.0	64.0	26.0
Total opportunities	8.0	17.0	52.0	0	32.0	40.0	65.0	27.0
Indicator value	93.7%	94.3%	95.5%	95.3%	94.6%	95.8%	98.2%	97.9%

Licensee Comments: none

ERO Drill Participation



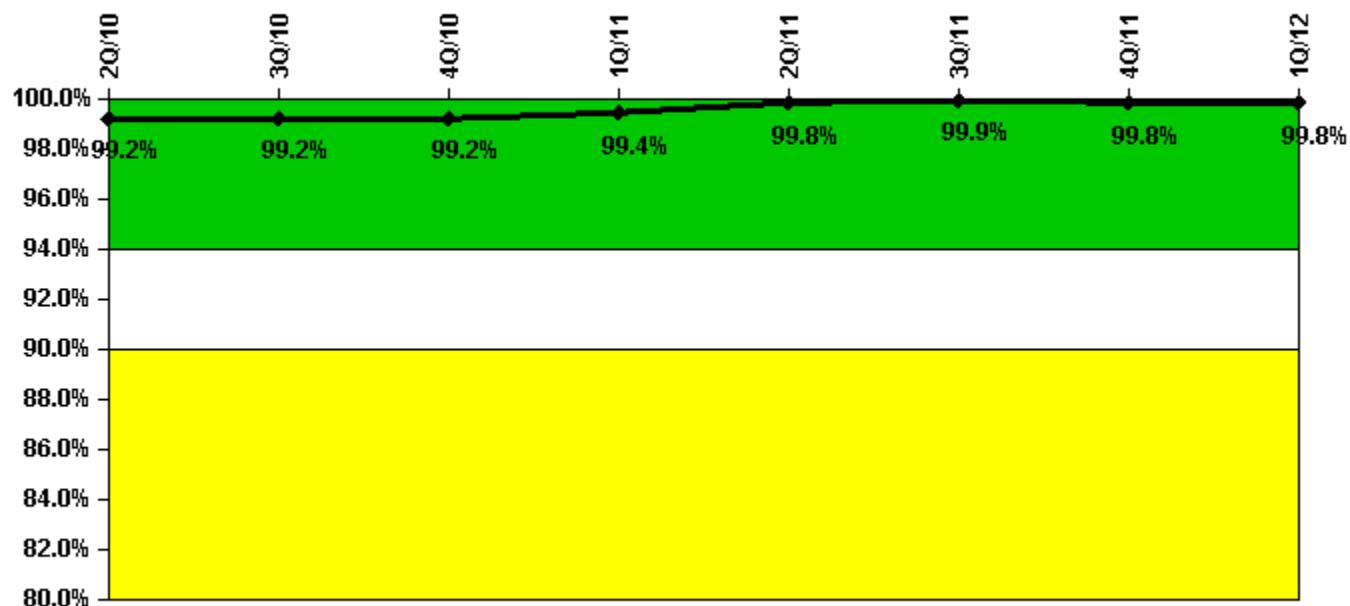
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Participating Key personnel	169.0	167.0	171.0	167.0	165.0	168.0	173.0	170.0
Total Key personnel	172.0	172.0	174.0	170.0	168.0	169.0	174.0	171.0
Indicator value	98.3%	97.1%	98.3%	98.2%	98.2%	99.4%	99.4%	99.4%

Licensee Comments: none

Alert & Notification System



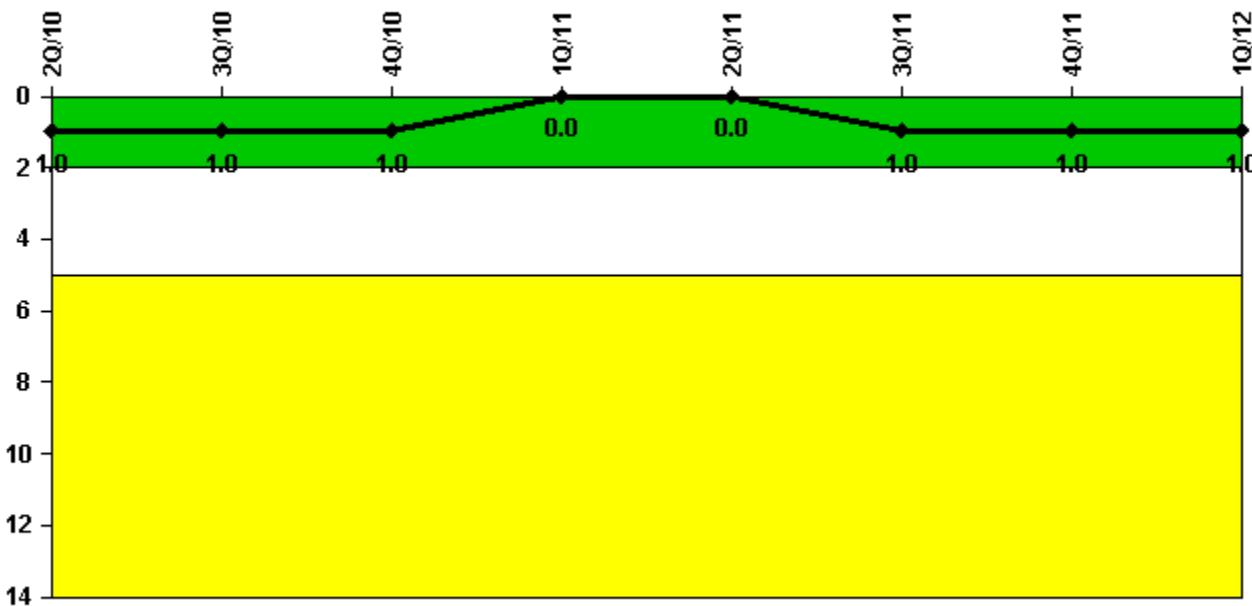
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
Successful siren-tests	1774	1868	1807	1808	1803	1808	1805	1804
Total sirens-tests	1809	1876	1809	1809	1809	1809	1809	1809
Indicator value	99.2%	99.2%	99.2%	99.4%	99.8%	99.9%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



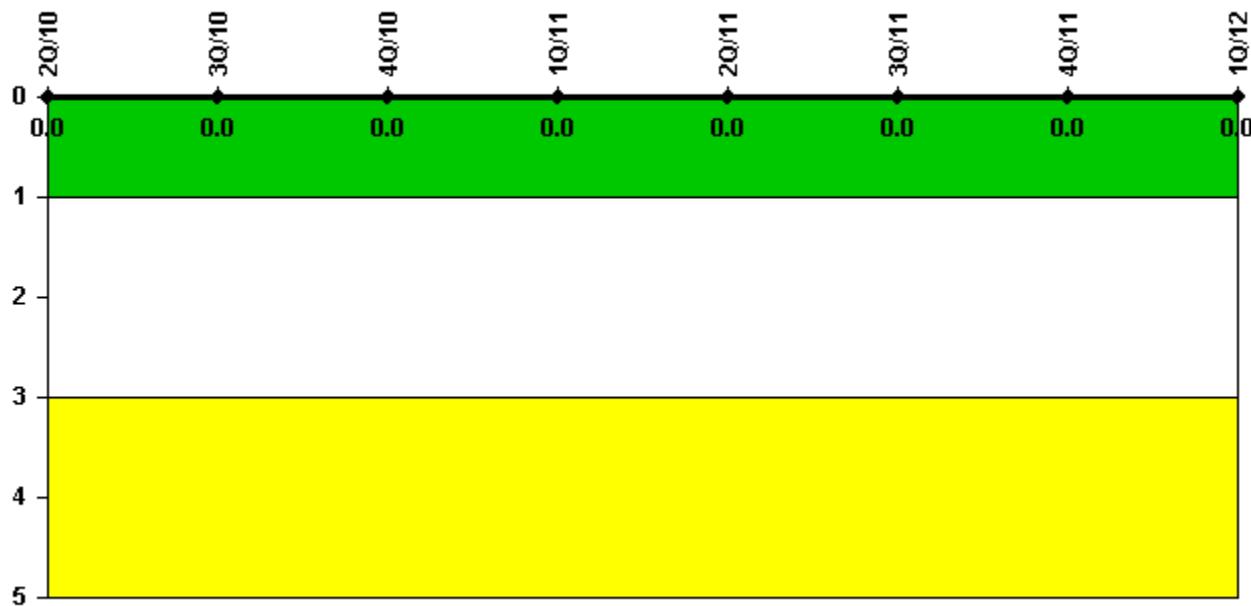
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
High radiation area occurrences	0	0	0	0	0	1	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/10	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

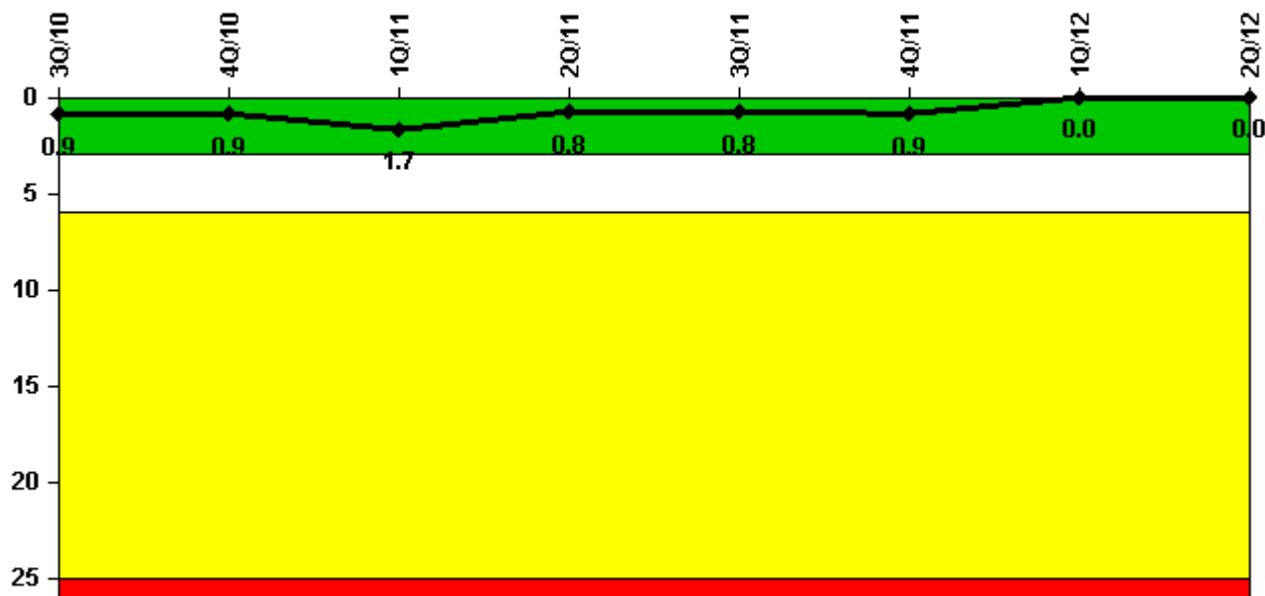
[Security](#) information not publicly available.

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2Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



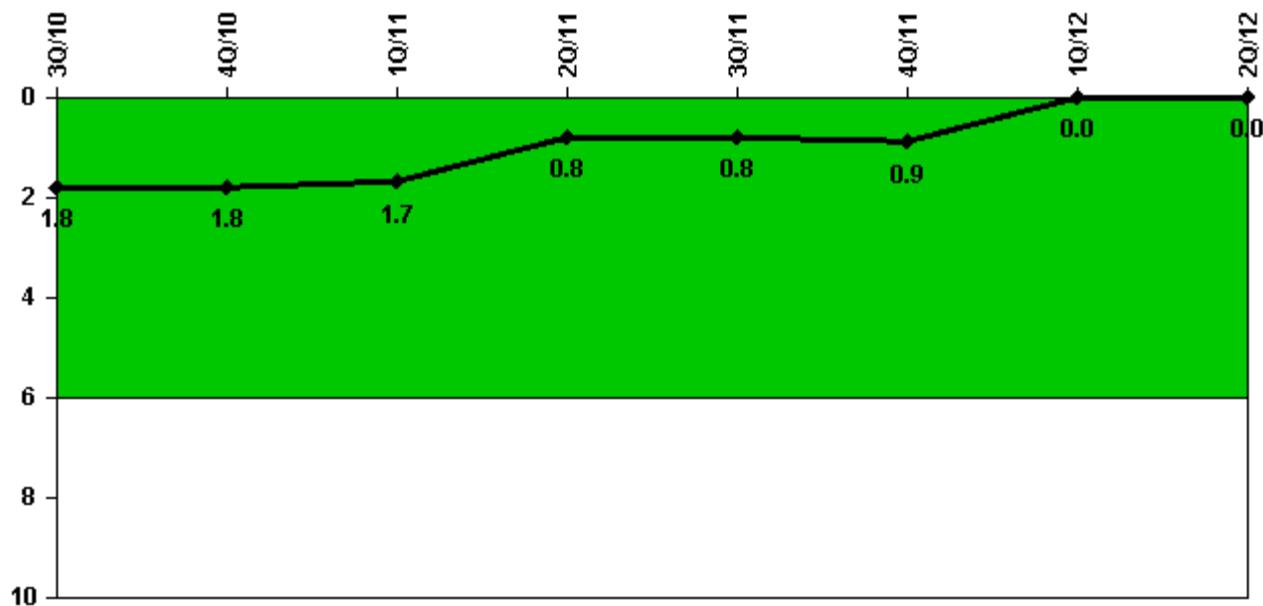
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2062.1	2184.0	1879.2	1881.8	2183.0	2184.0
Indicator value	0.9	0.9	1.7	0.8	0.8	0.9	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



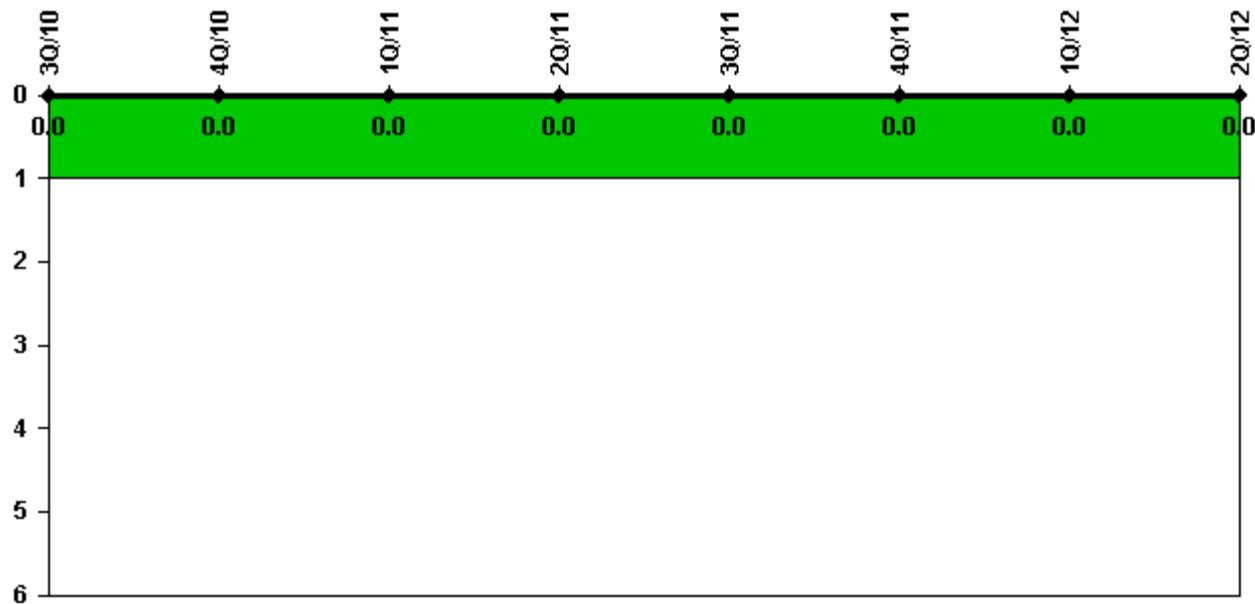
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Unplanned power changes	0	0	1.0	0	0	0	0	0
Critical hours	2208.0	2209.0	2062.1	2184.0	1879.2	1881.8	2183.0	2184.0
Indicator value	1.8	1.8	1.7	0.8	0.8	0.9	0	0

Licensee Comments: none

Unplanned Scrams with Complications



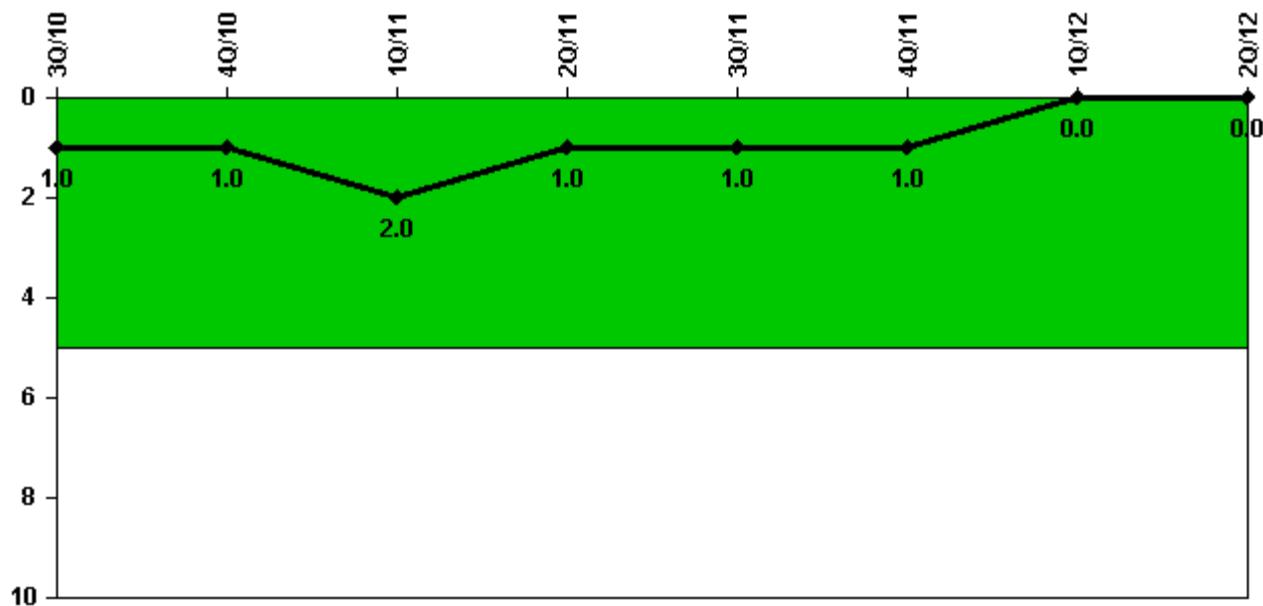
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



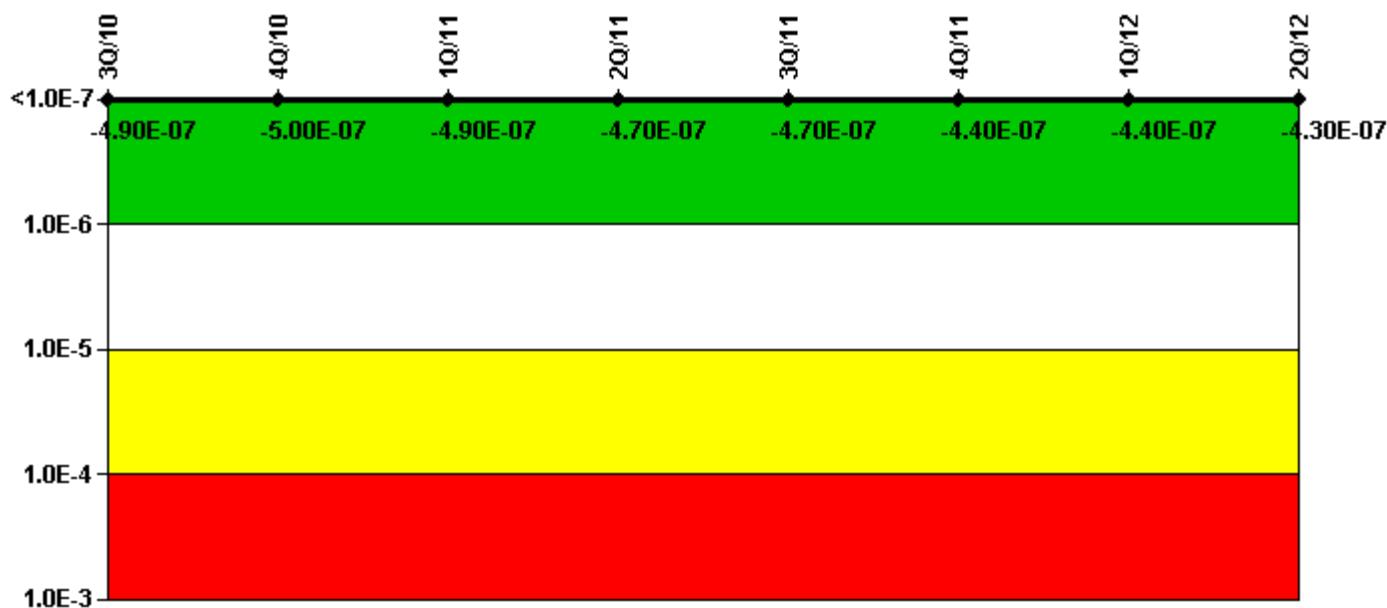
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Safety System Functional Failures	0	0	1	0	0	0	0	0
Indicator value	1	1	2	1	1	1	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



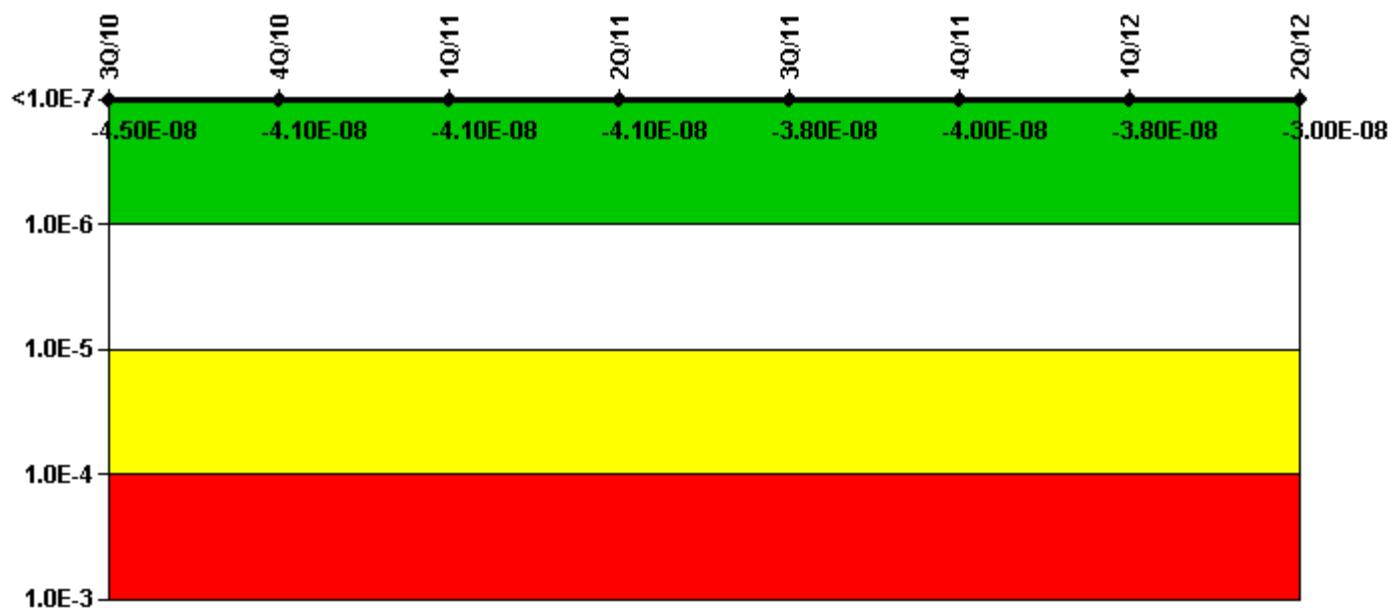
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-4.06E-08	-5.15E-08	-4.25E-08	-2.40E-08	-2.14E-08	6.97E-09	9.26E-09	1.97E-08
URI (ΔCDF)	-4.47E-07							
PLE	NO							
Indicator value	-4.90E-07	-5.00E-07	-4.90E-07	-4.70E-07	-4.70E-07	-4.40E-07	-4.40E-07	-4.30E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



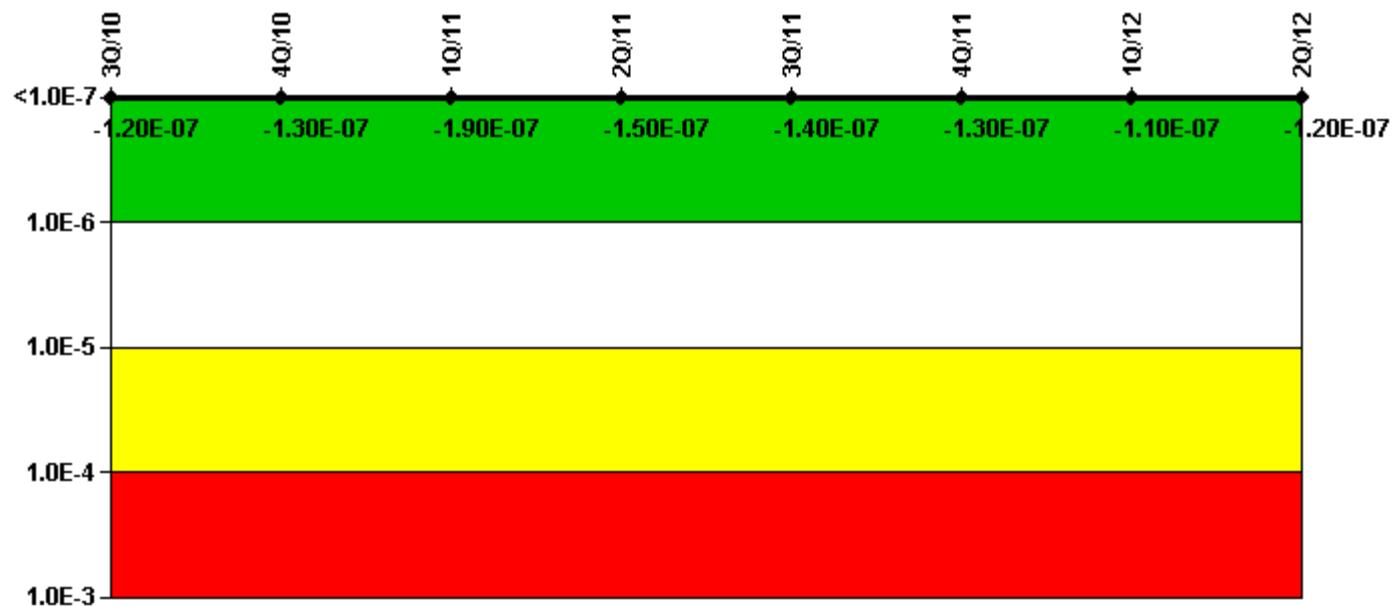
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (Δ CDF)	3.96E-09	8.20E-09	8.51E-09	8.46E-09	1.13E-08	8.92E-09	1.10E-08	1.94E-08
URI (Δ CDF)	-4.91E-08							
PLE	NO							
Indicator value	-4.50E-08	-4.10E-08	-4.10E-08	-4.10E-08	-3.80E-08	-4.00E-08	-3.80E-08	-3.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



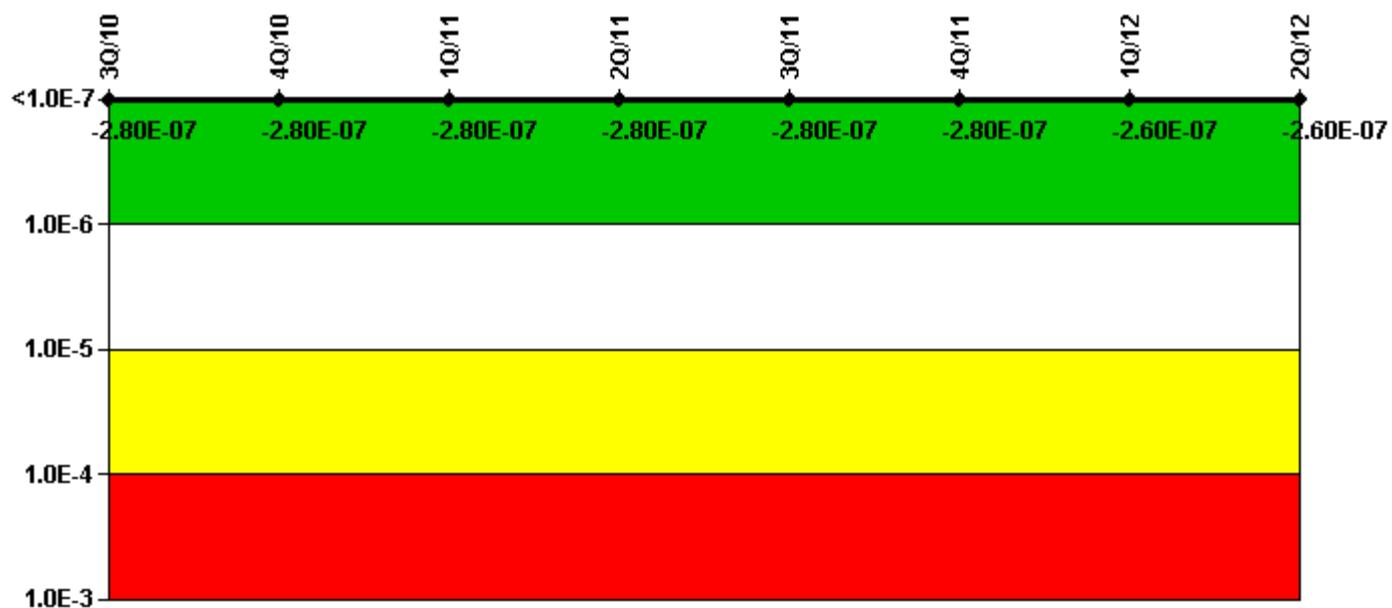
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	4.75E-08	4.53E-08	-1.60E-08	1.45E-08	2.54E-08	3.34E-08	5.92E-08	4.76E-08
URI (ΔCDF)	-1.71E-07	-1.71E-07	-1.71E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07
PLE	NO							
Indicator value	-1.20E-07	-1.30E-07	-1.90E-07	-1.50E-07	-1.40E-07	-1.30E-07	-1.10E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



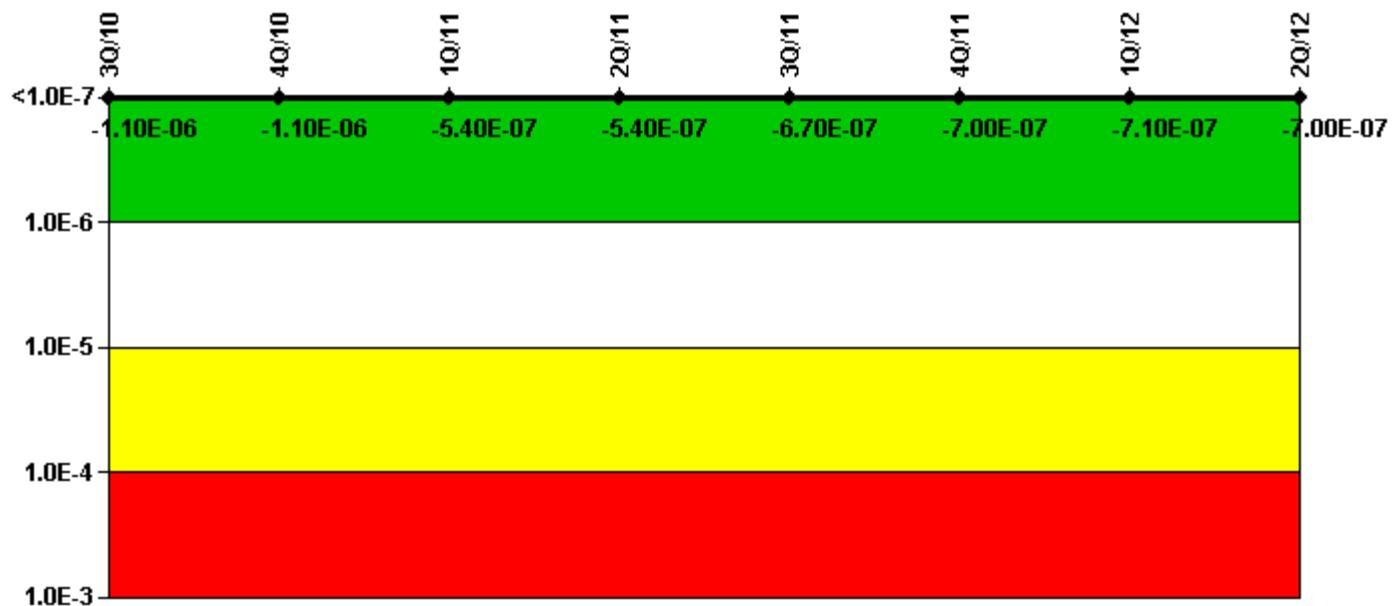
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-1.32E-08	-1.70E-08
URI (ΔCDF)	-2.47E-07							
PLE	NO							
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.60E-07	-2.60E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

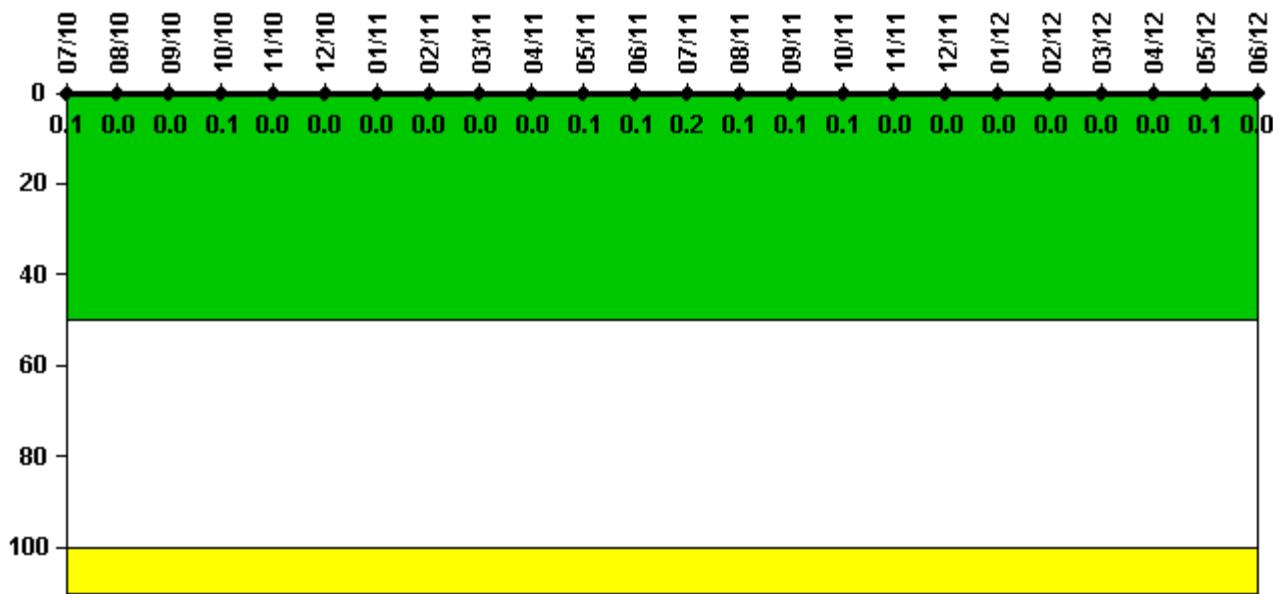
Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
UAI (ΔCDF)	$4.10E-08$	$3.66E-08$	$5.53E-07$	$5.51E-07$	$4.19E-07$	$3.94E-07$	$3.85E-07$	$3.92E-07$
URI (ΔCDF)	$-1.09E-06$							
PLE	NO							
Indicator value	$-1.10E-06$	$-1.10E-06$	$-5.40E-07$	$-5.40E-07$	$-6.70E-07$	$-7.00E-07$	$-7.10E-07$	$-7.00E-07$

Licensee Comments:

1Q/11: Risk Cap Invoked.

Reactor Coolant System Activity



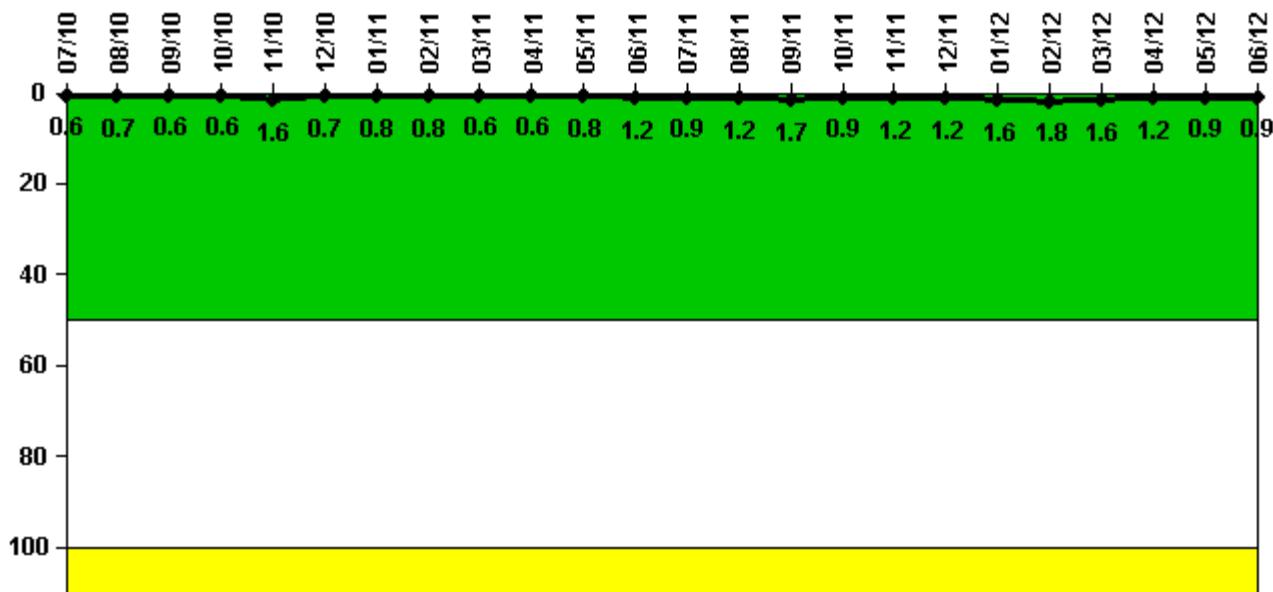
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum activity	0.000516	0.000372	0.000377	0.000870	0.000412	0.000441	0.000498	0.000462	0.000467	0.000466	0.000588	0.001497
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0.1	0	0	0	0	0	0	0.1	0.1
Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.001784	0.000538	0.000556	0.000556	0.000371	0.000305	0.000474	0.000310	0.000320	0.000376	0.001090	0.000325
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0

Licensee Comments: none

Reactor Coolant System Leakage



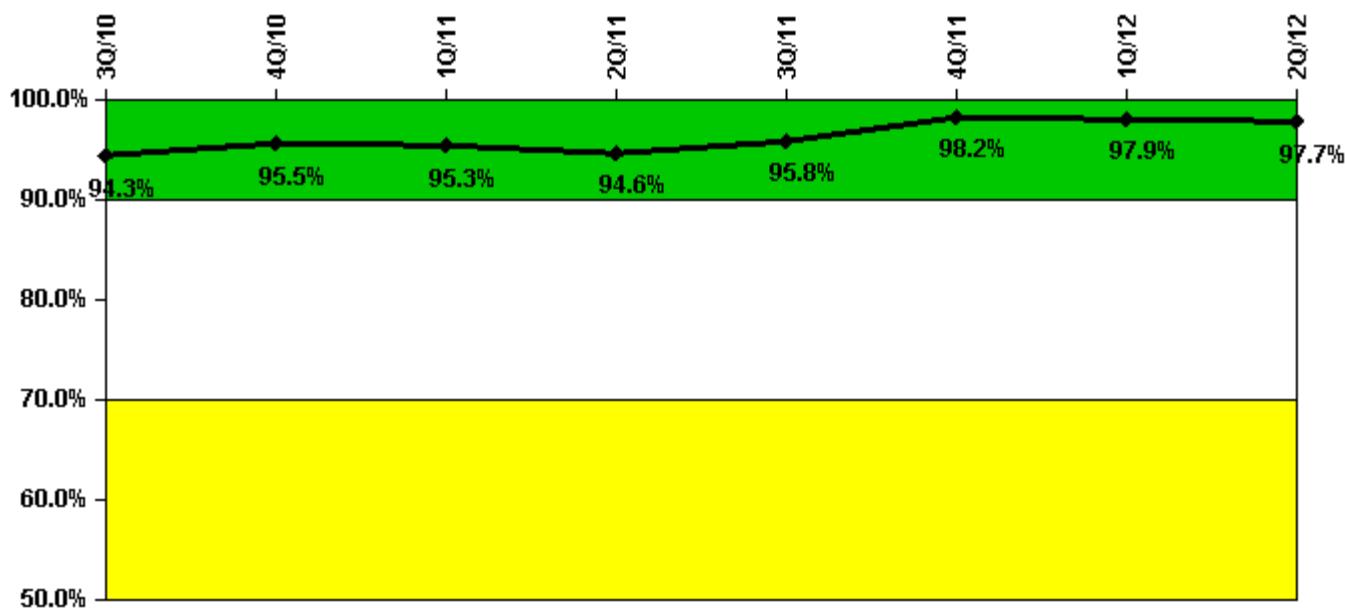
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/10	8/10	9/10	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11
Maximum leakage	0.061	0.069	0.061	0.063	0.157	0.067	0.076	0.082	0.063	0.058	0.078	0.122
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.7	0.6	0.6	1.6	0.7	0.8	0.8	0.6	0.6	0.8	1.2
Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.091	0.116	0.165	0.085	0.120	0.117	0.162	0.184	0.161	0.119	0.085	0.087
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.7	0.9	1.2	1.2	1.6	1.8	1.6	1.2	0.9	0.9

Licensee Comments: none

Drill/Exercise Performance



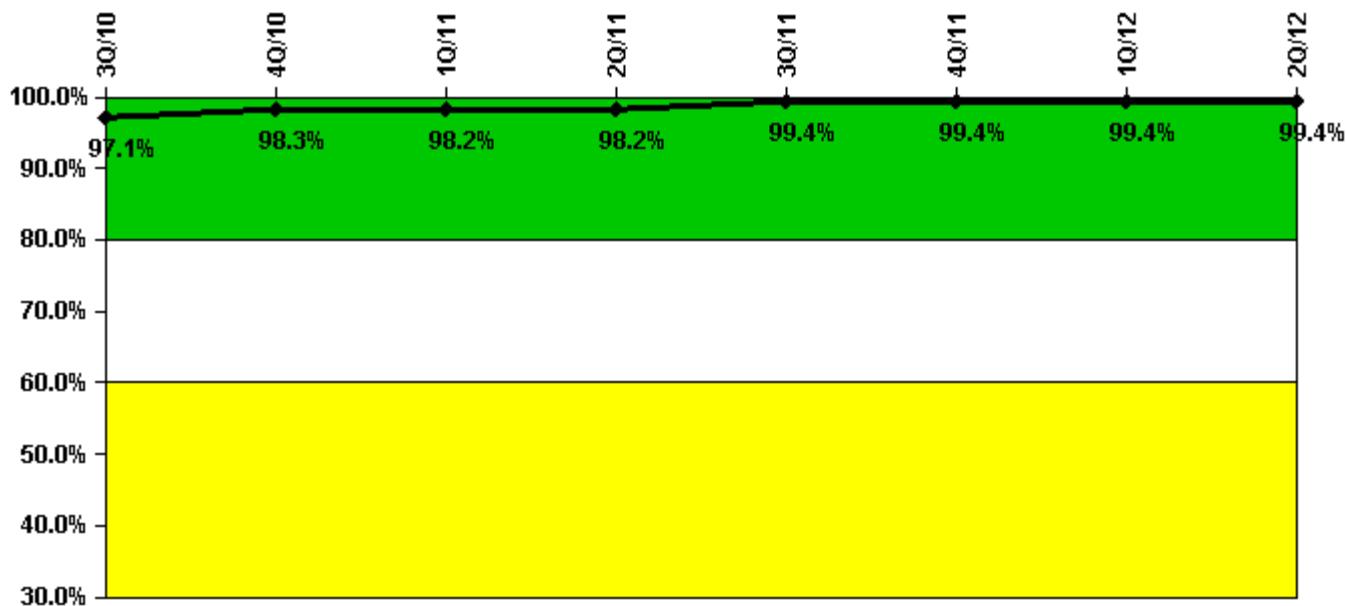
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful opportunities	17.0	51.0	0	30.0	40.0	64.0	26.0	25.0
Total opportunities	17.0	52.0	0	32.0	40.0	65.0	27.0	26.0
Indicator value	94.3%	95.5%	95.3%	94.6%	95.8%	98.2%	97.9%	97.7%

Licensee Comments: none

ERO Drill Participation



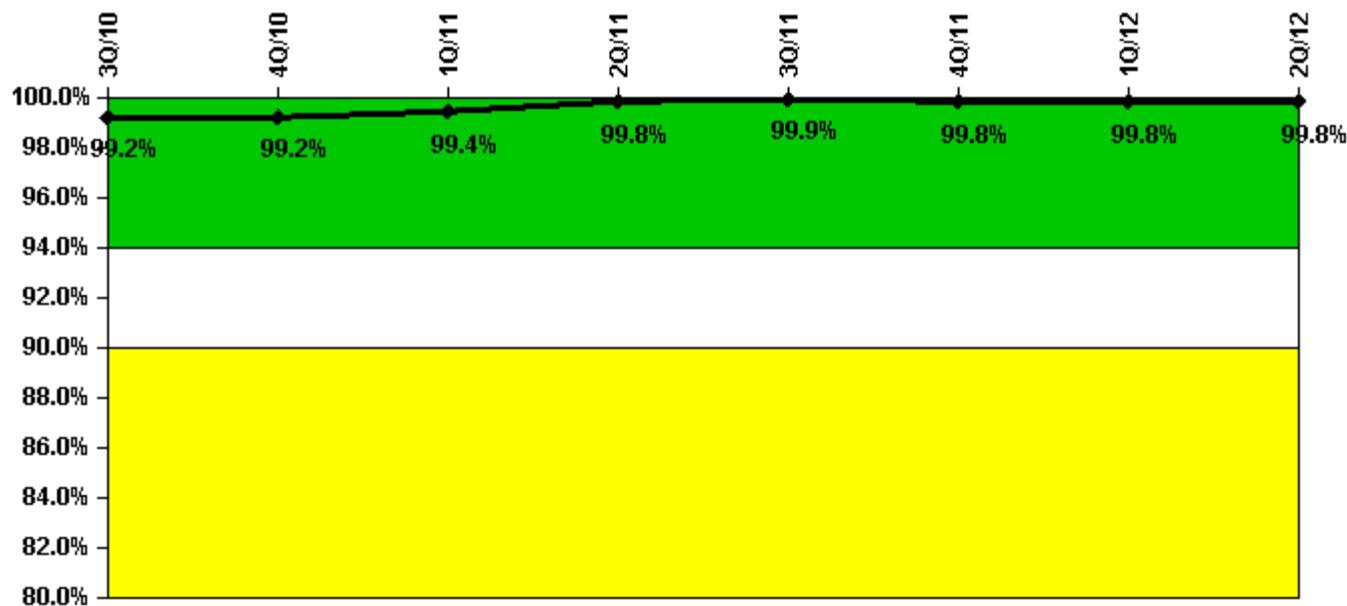
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Participating Key personnel	167.0	171.0	167.0	165.0	168.0	173.0	170.0	169.0
Total Key personnel	172.0	174.0	170.0	168.0	169.0	174.0	171.0	170.0
Indicator value	97.1%	98.3%	98.2%	98.2%	99.4%	99.4%	99.4%	99.4%

Licensee Comments: none

Alert & Notification System



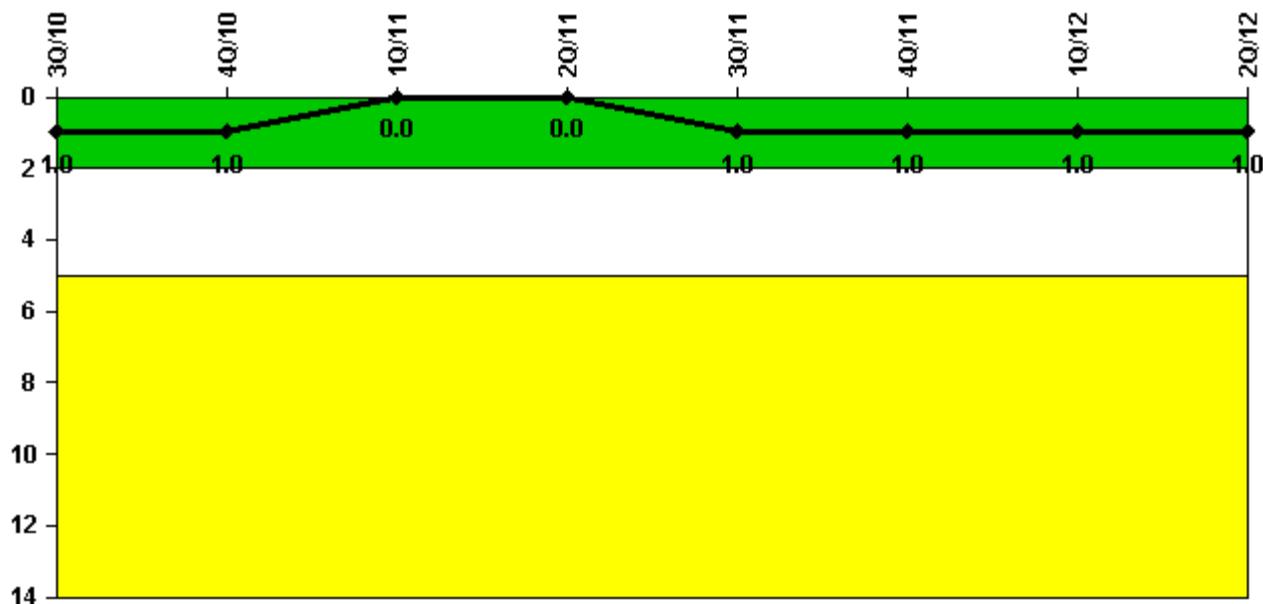
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
Successful siren-tests	1868	1807	1808	1803	1808	1805	1803	1780
Total sirens-tests	1876	1809	1809	1809	1809	1809	1809	1786
Indicator value	99.2%	99.2%	99.4%	99.8%	99.9%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



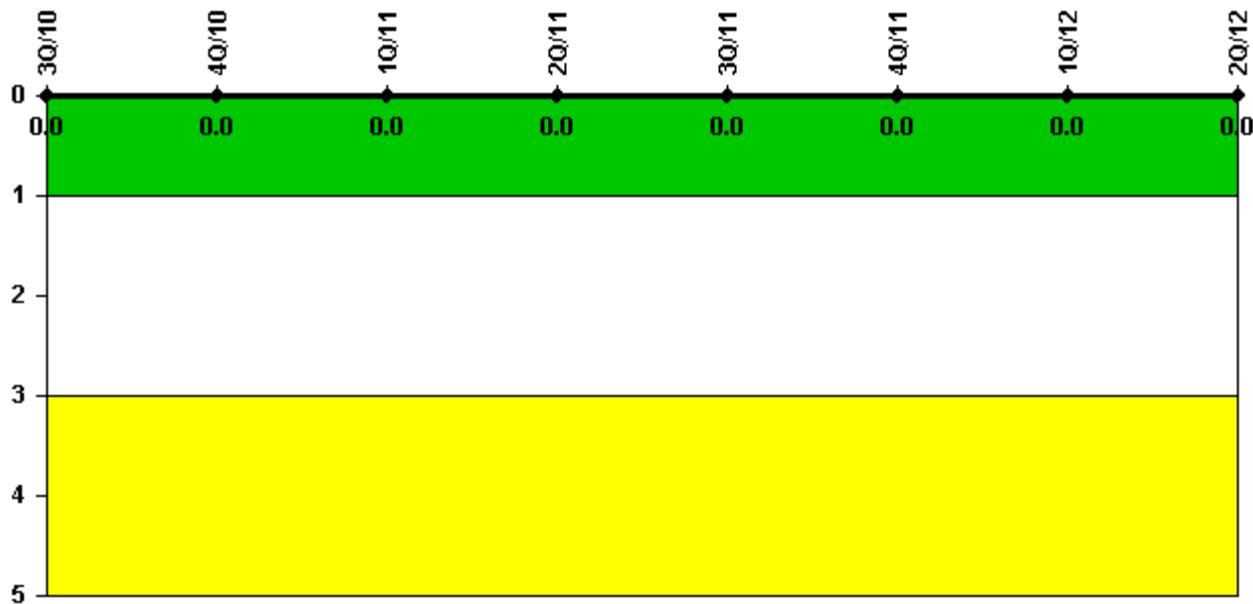
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
High radiation area occurrences	0	0	0	0	1	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/10	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



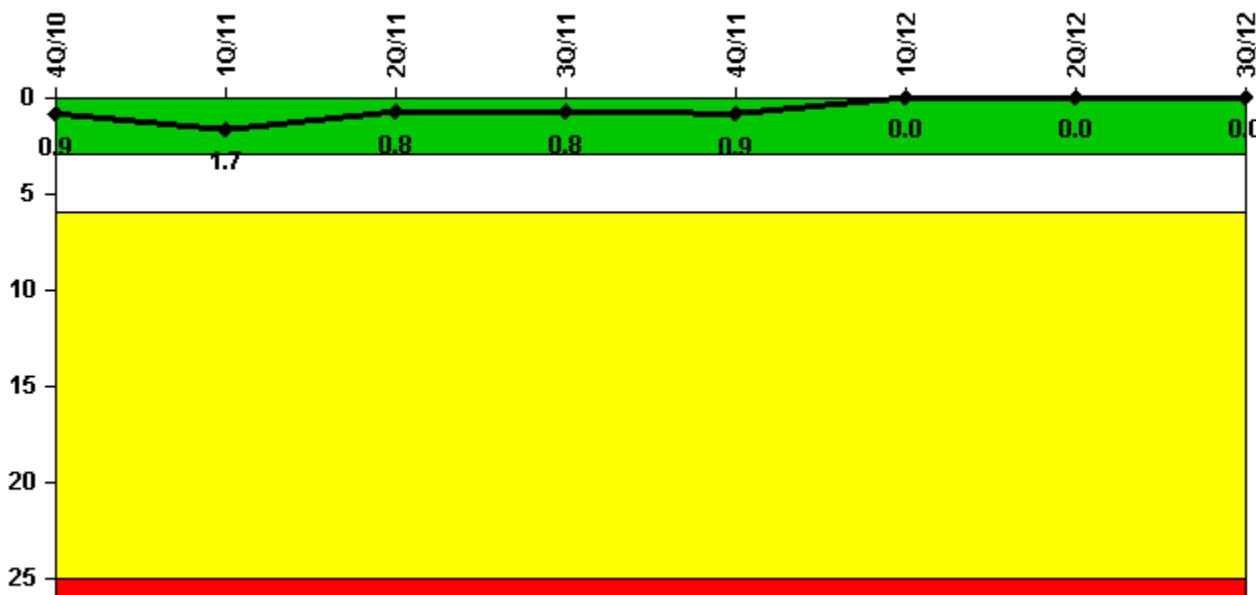
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

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3Q/2012 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



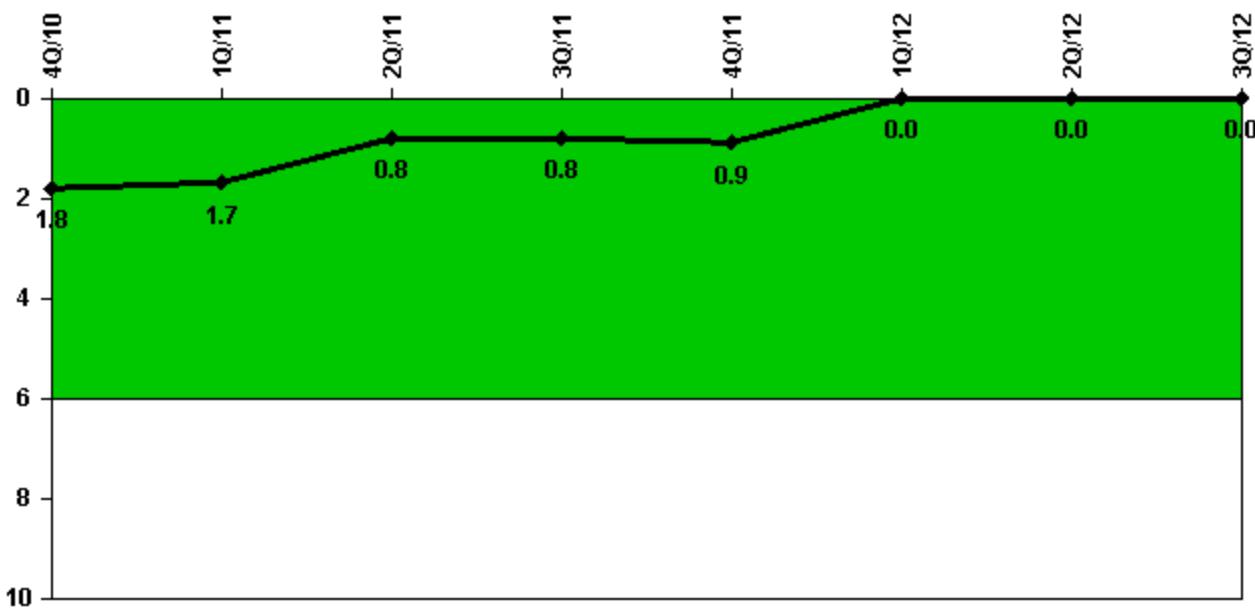
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2062.1	2184.0	1879.2	1881.8	2183.0	2184.0	2208.0
Indicator value	0.9	1.7	0.8	0.8	0.9	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



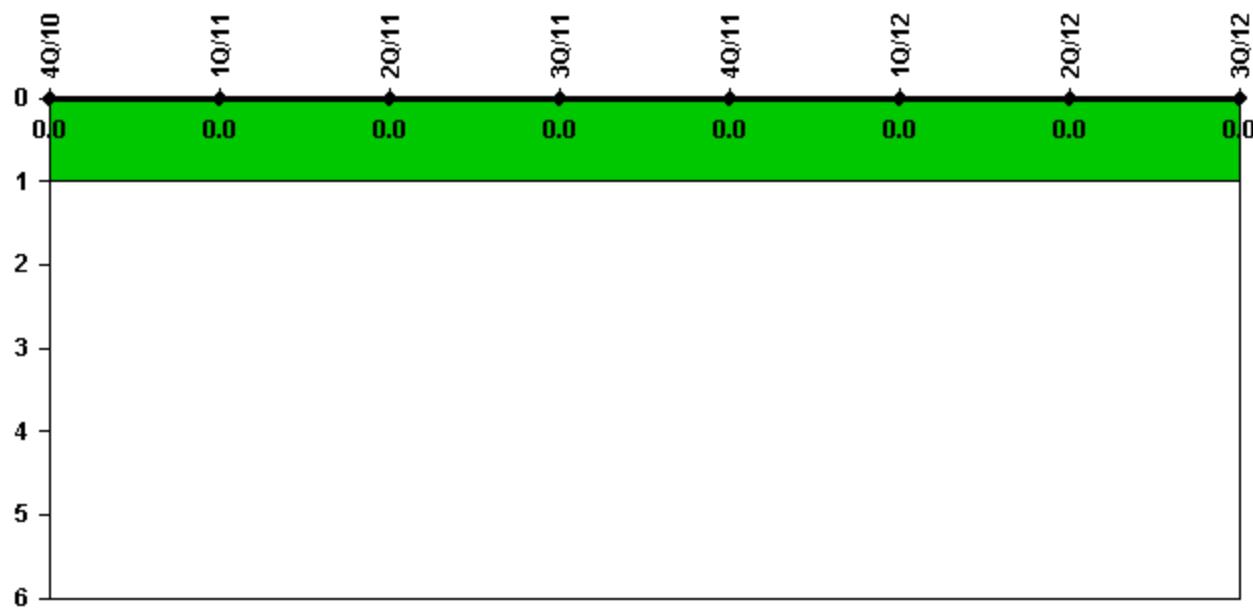
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Unplanned power changes	0	1.0	0	0	0	0	0	0
Critical hours	2209.0	2062.1	2184.0	1879.2	1881.8	2183.0	2184.0	2208.0
Indicator value	1.8	1.7	0.8	0.8	0.9	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



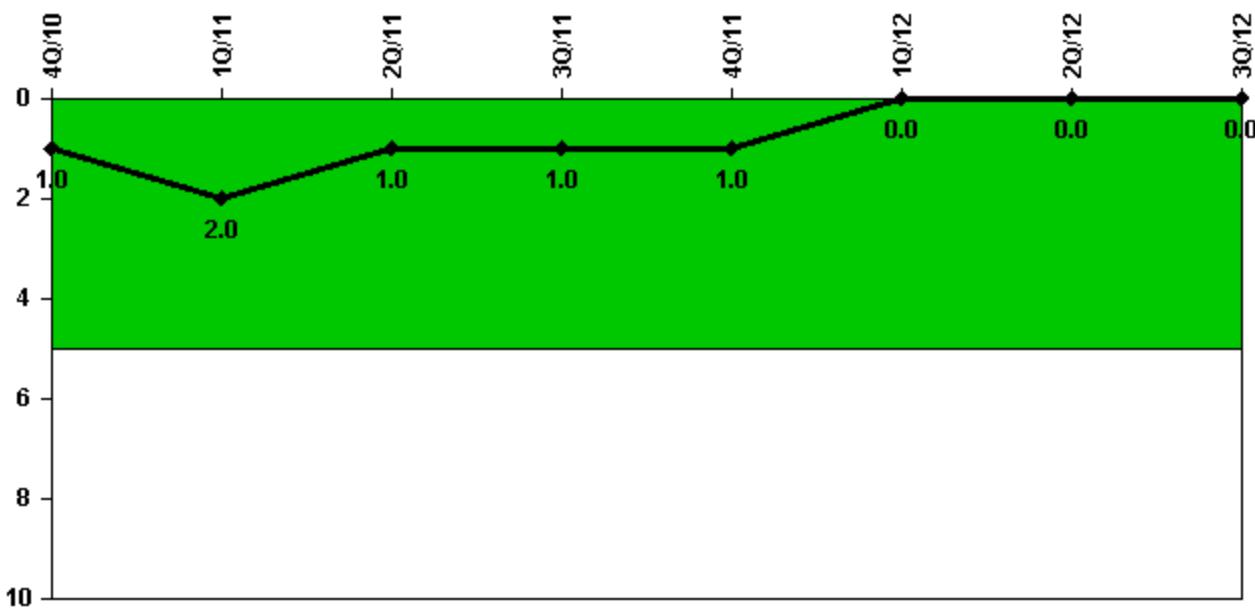
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Safety System Functional Failures	0	1	0	0	0	0	0	0
Indicator value	1	2	1	1	1	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



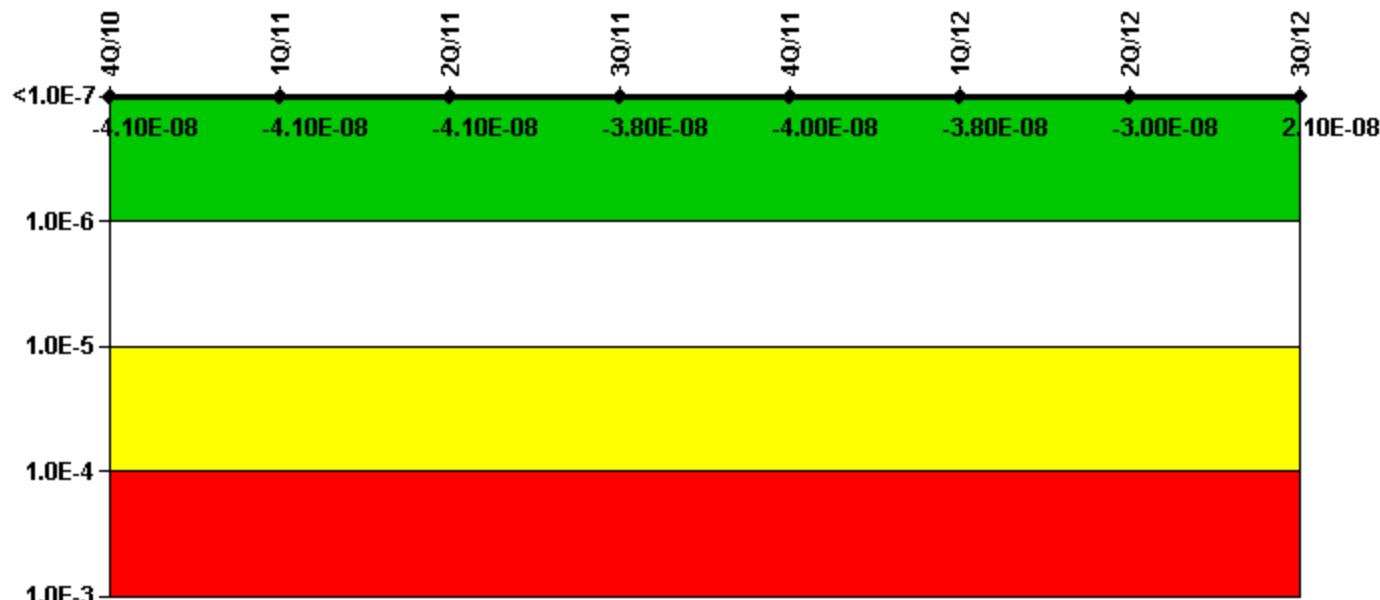
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-5.15E-08	-4.25E-08	-2.40E-08	-2.14E-08	6.97E-09	9.26E-09	1.97E-08	4.58E-08
URI (Δ CDF)	-4.47E-07	-3.94E-07						
PLE	NO							
Indicator value	-5.00E-07	-4.90E-07	-4.70E-07	-4.70E-07	-4.40E-07	-4.40E-07	-4.30E-07	-3.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



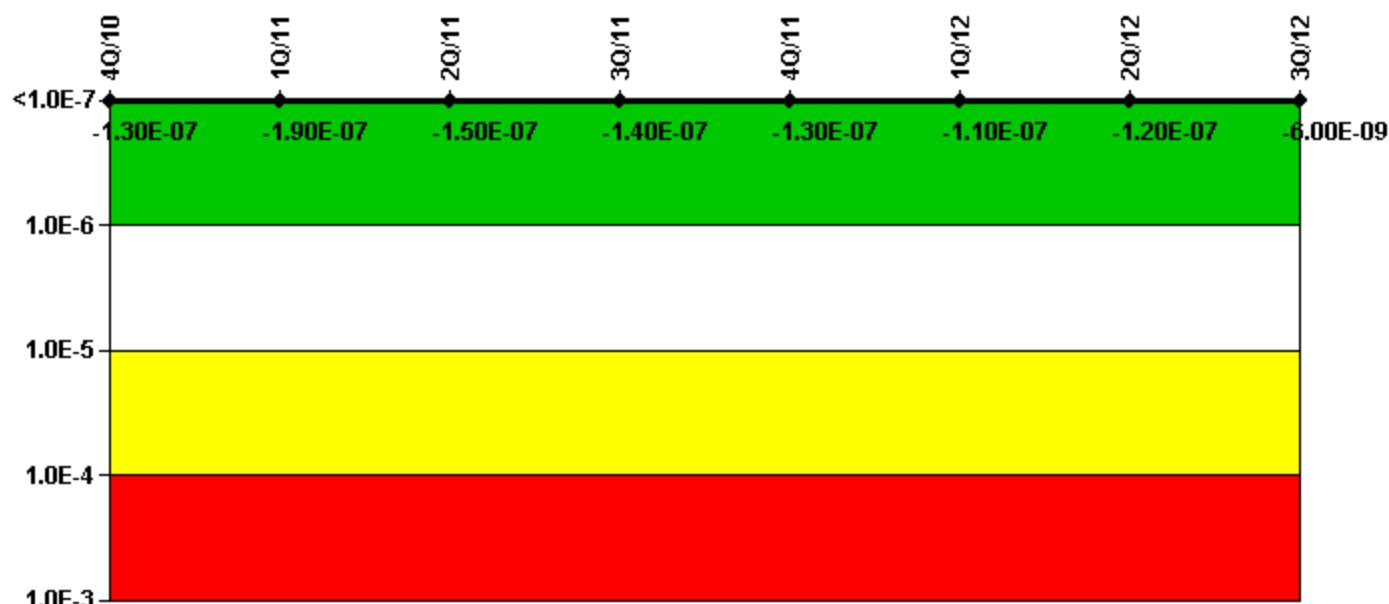
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	8.20E-09	8.51E-09	8.46E-09	1.13E-08	8.92E-09	1.10E-08	1.94E-08	3.58E-08
URI (Δ CDF)	-4.91E-08	-1.50E-08						
PLE	NO	NO						
Indicator value	-4.10E-08	-4.10E-08	-4.10E-08	-3.80E-08	-4.00E-08	-3.80E-08	-3.00E-08	2.10E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



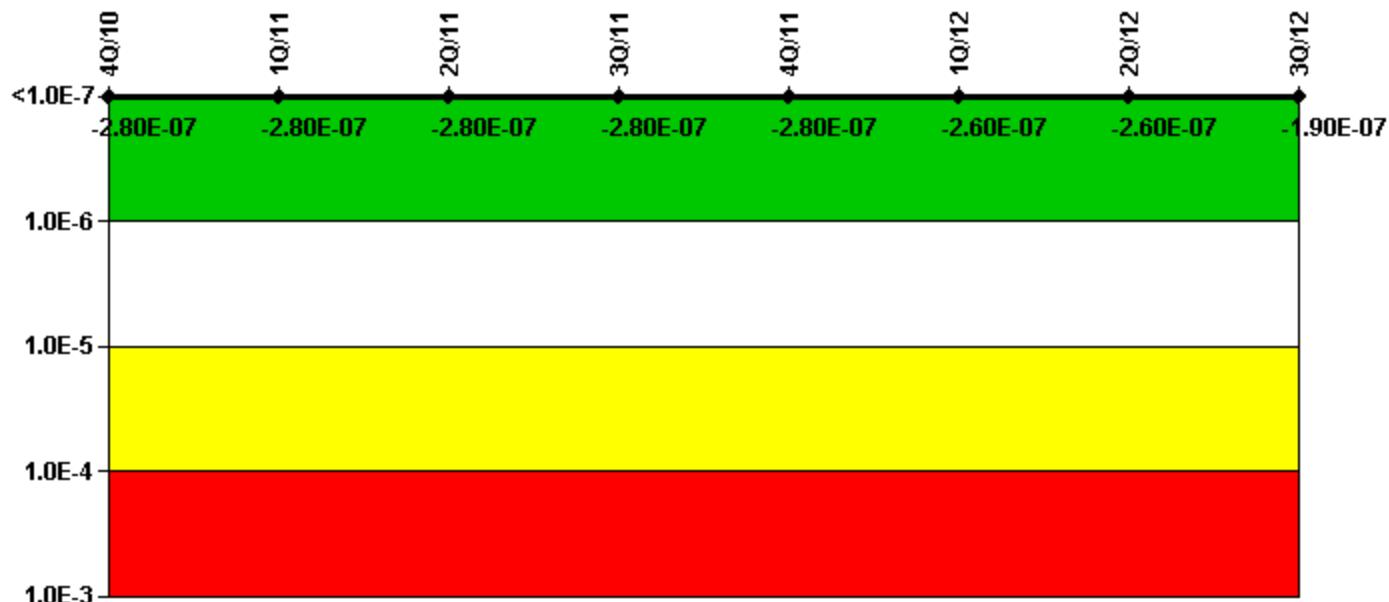
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	4.53E-08	-1.60E-08	1.45E-08	2.54E-08	3.34E-08	5.92E-08	4.76E-08	1.88E-07
URI (Δ CDF)	-1.71E-07	-1.71E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.94E-07
PLE	NO							
Indicator value	-1.30E-07	-1.90E-07	-1.50E-07	-1.40E-07	-1.30E-07	-1.10E-07	-1.20E-07	-6.00E-09

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



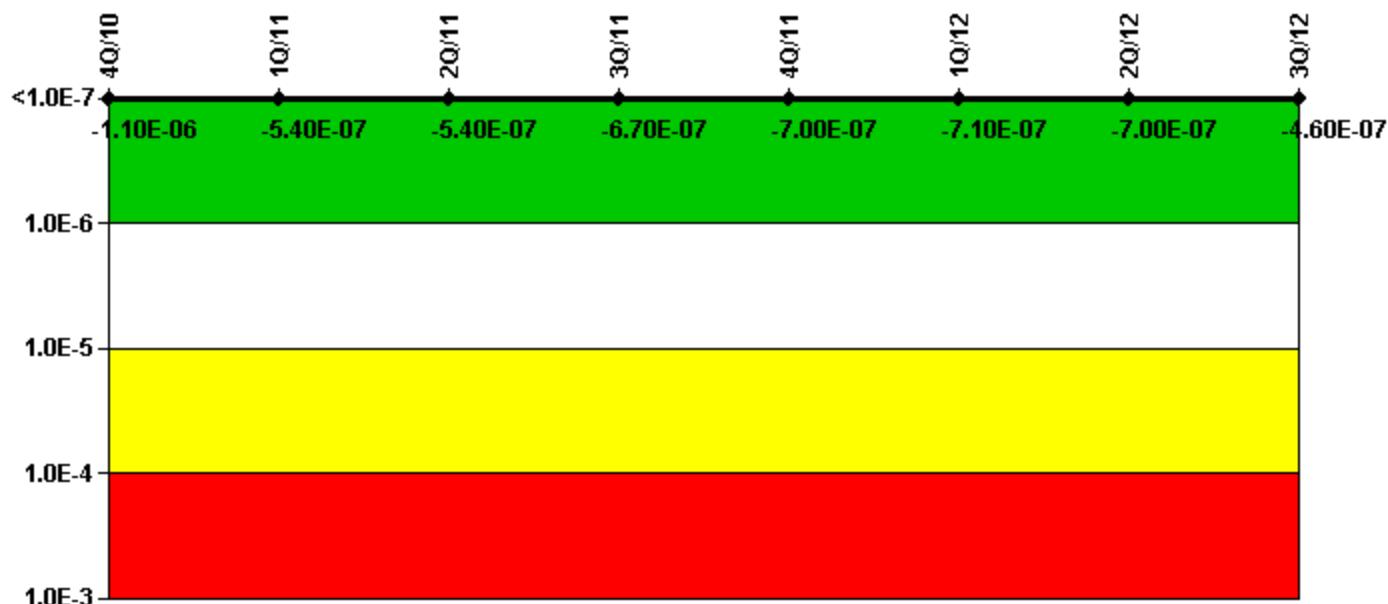
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-1.32E-08	-1.70E-08	-3.35E-08
URI (Δ CDF)	-2.47E-07	-1.56E-07						
PLE	NO							
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.60E-07	-2.60E-07	-1.90E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

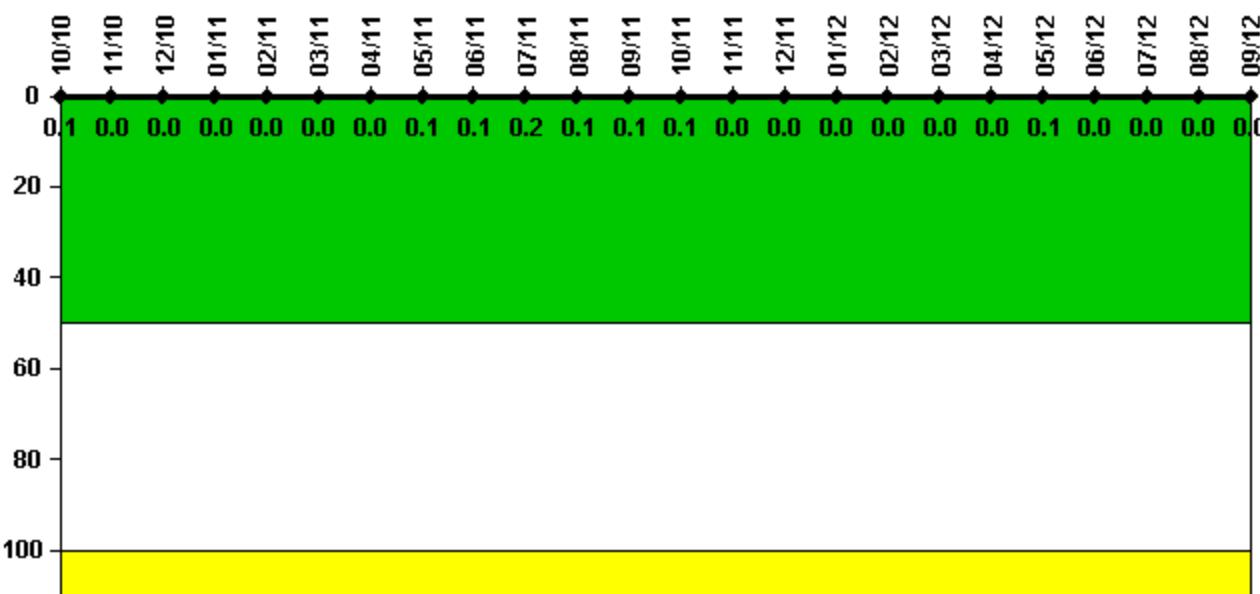
Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
UAI (Δ CDF)	3.66E-08	5.53E-07	5.51E-07	4.19E-07	3.94E-07	3.85E-07	3.92E-07	3.97E-07
URI (Δ CDF)	-1.09E-06	-8.54E-07						
PLE	NO							
Indicator value	-1.10E-06	-5.40E-07	-5.40E-07	-6.70E-07	-7.00E-07	-7.10E-07	-7.00E-07	-4.60E-07

Licensee Comments:

1Q/11: Risk Cap Invoked.

Reactor Coolant System Activity



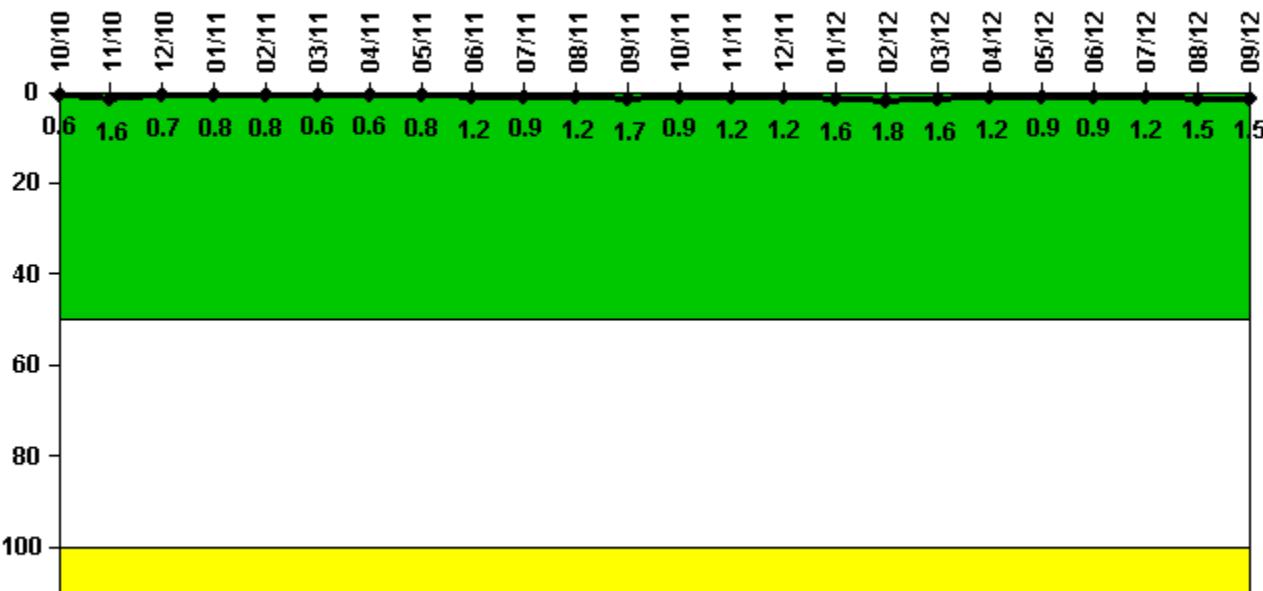
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum activity	0.000870	0.000412	0.000441	0.000498	0.000462	0.000467	0.000466	0.000588	0.001497	0.001784	0.000538	0.000556
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0.1	0.1	0.2	0.1	0.1
Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000556	0.000371	0.000305	0.000474	0.000310	0.000320	0.000376	0.001090	0.000325	0.000371	0.000379	0.000389
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0.1	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



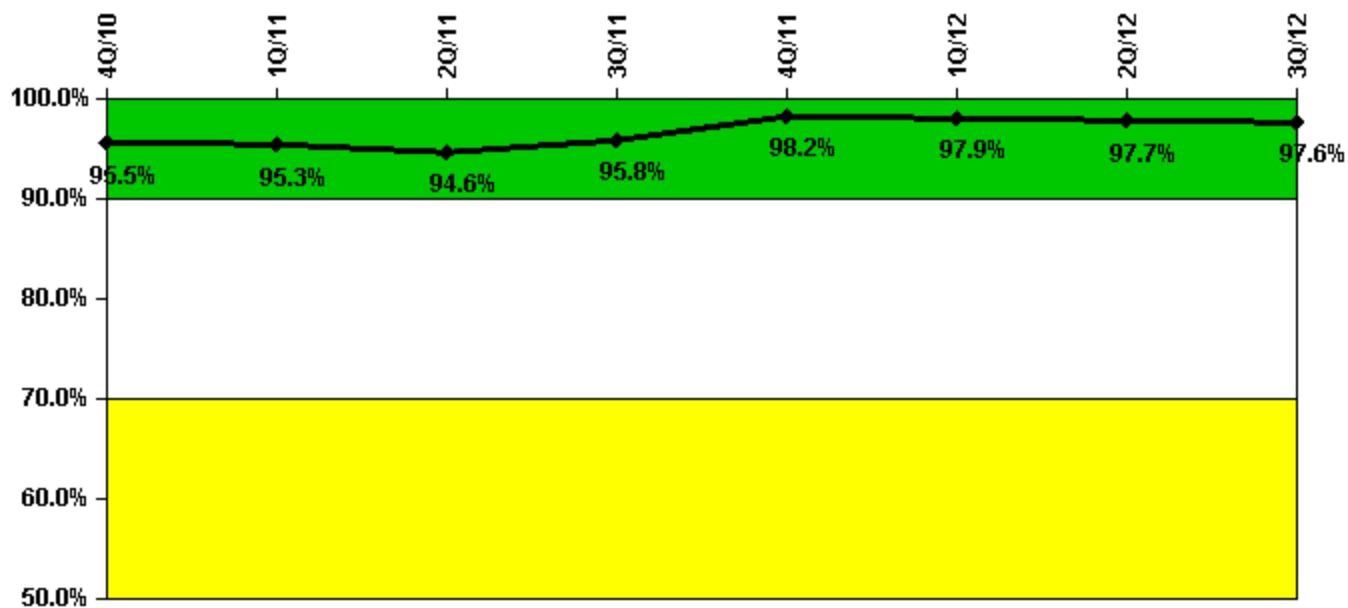
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/10	11/10	12/10	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11
Maximum leakage	0.063	0.157	0.067	0.076	0.082	0.063	0.058	0.078	0.122	0.091	0.116	0.165
Indicator value	0.6	1.6	0.7	0.8	0.8	0.6	0.6	0.8	1.2	0.9	1.2	1.7
Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.085	0.120	0.117	0.162	0.184	0.161	0.119	0.085	0.087	0.123	0.145	0.148
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.2	1.6	1.8	1.6	1.2	0.9	0.9	1.2	1.5	1.5

Licensee Comments: none

Drill/Exercise Performance



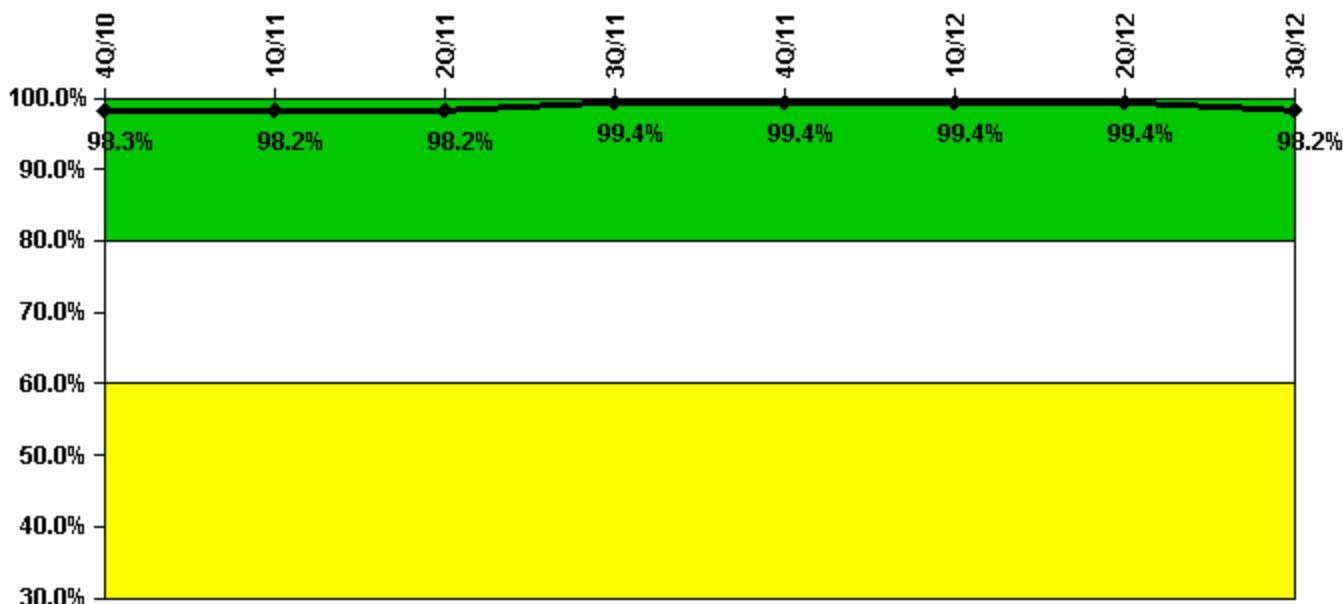
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful opportunities	51.0	0	30.0	40.0	64.0	26.0	25.0	12.0
Total opportunities	52.0	0	32.0	40.0	65.0	27.0	26.0	12.0
Indicator value	95.5%	95.3%	94.6%	95.8%	98.2%	97.9%	97.7%	97.6%

Licensee Comments: none

ERO Drill Participation



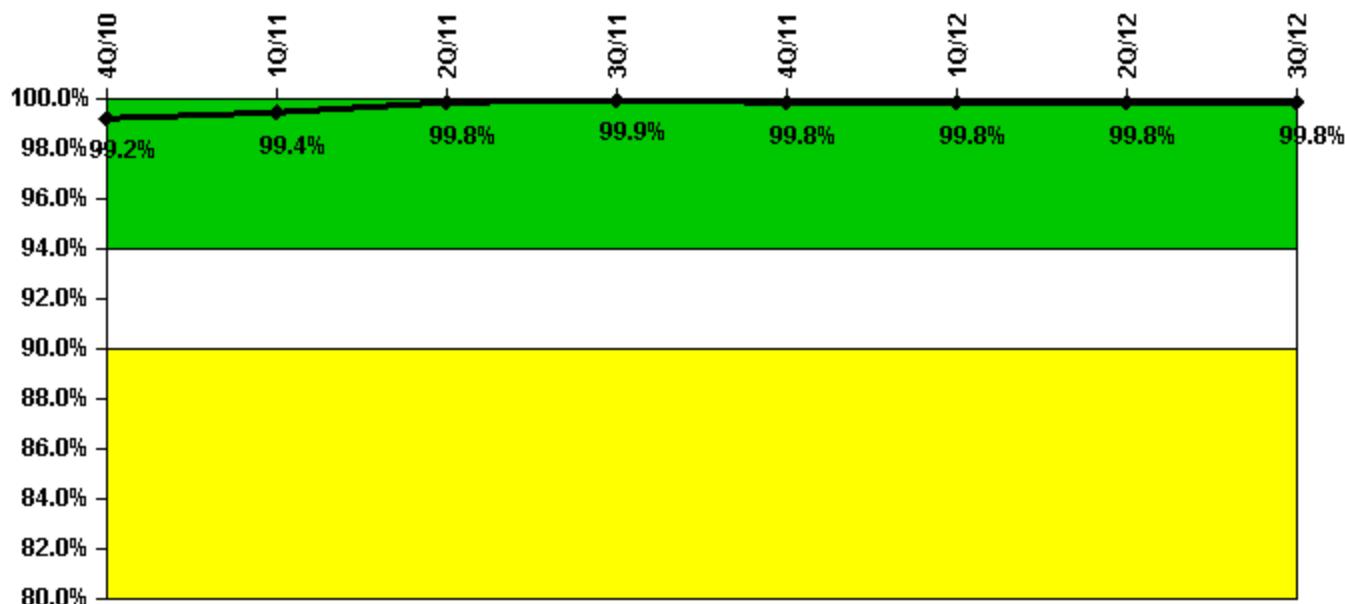
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Participating Key personnel	171.0	167.0	165.0	168.0	173.0	170.0	169.0	168.0
Total Key personnel	174.0	170.0	168.0	169.0	174.0	171.0	170.0	171.0
Indicator value	98.3%	98.2%	98.2%	99.4%	99.4%	99.4%	99.4%	98.2%

Licensee Comments: none

Alert & Notification System



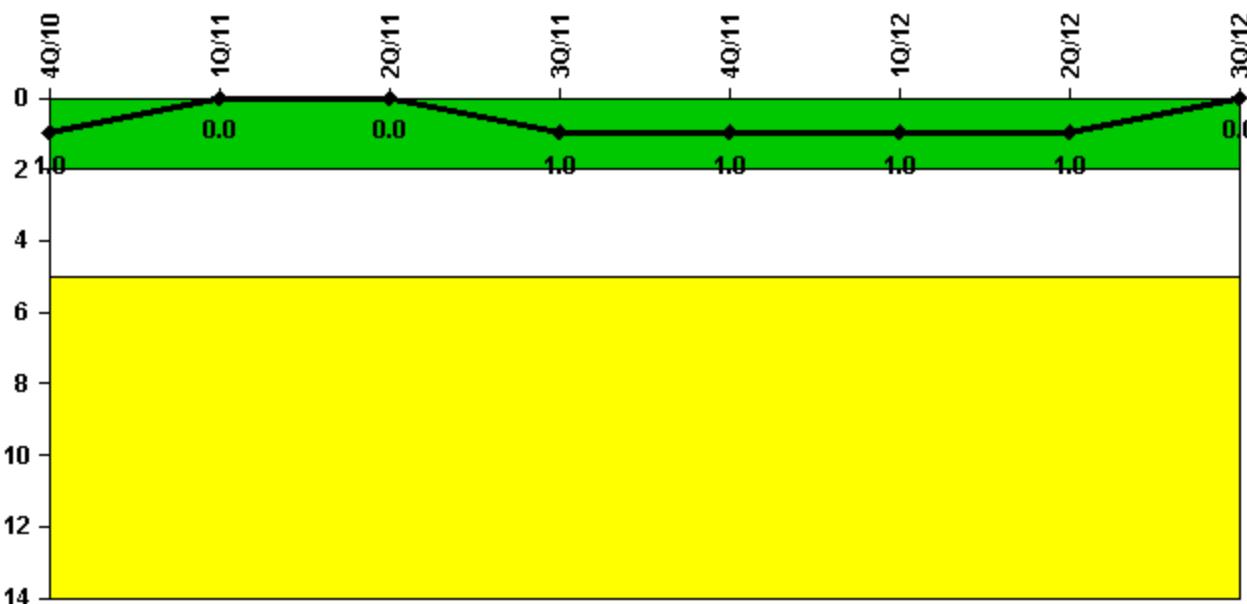
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
Successful siren-tests	1807	1808	1803	1808	1805	1803	1780	1807
Total sirens-tests	1809	1809	1809	1809	1809	1809	1786	1809
Indicator value	99.2%	99.4%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



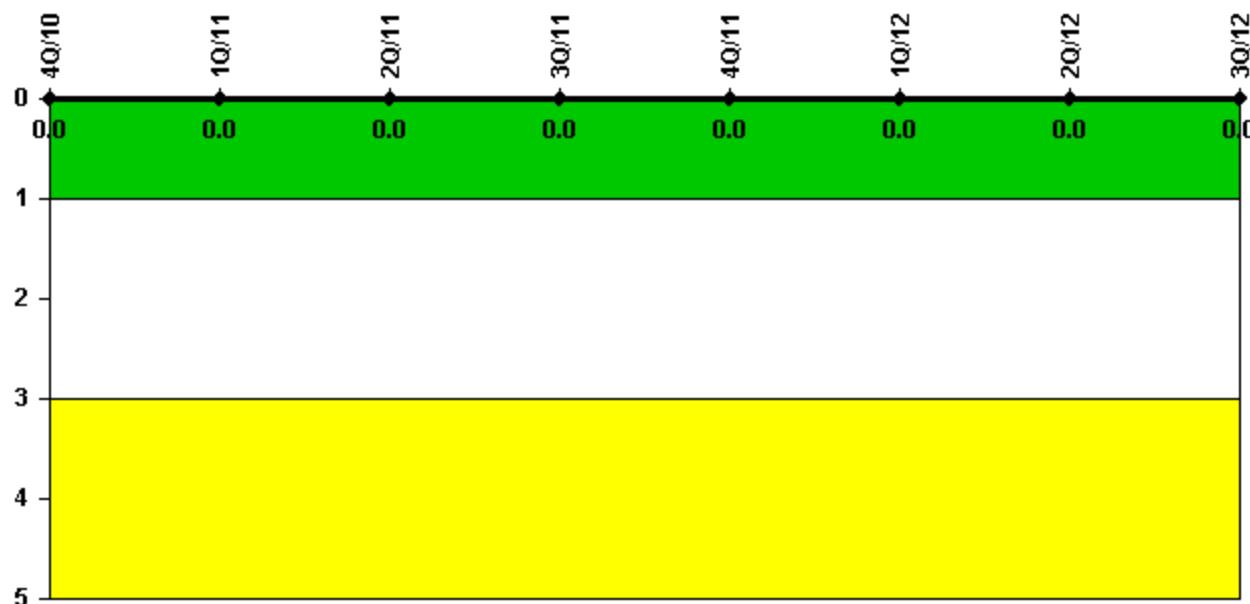
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
High radiation area occurrences	0	0	0	1	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0	0	1	1	1	1	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/10	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

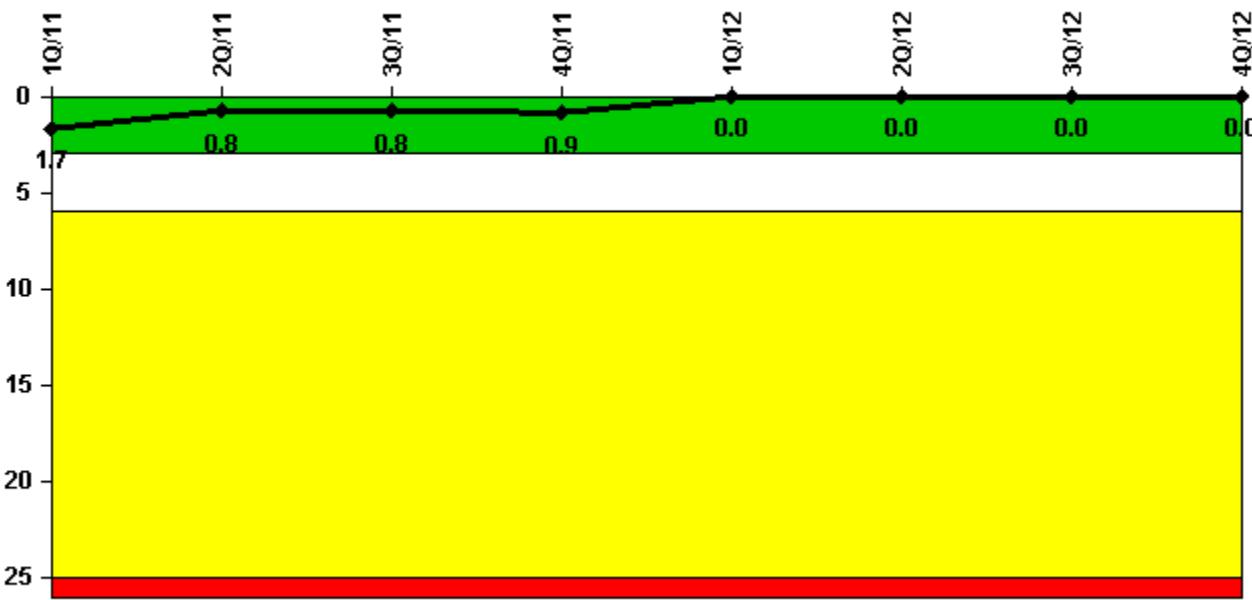
Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 24, 2012

McGuire 1**4Q/2012 Performance Indicators**

Licensee's General Comments: none

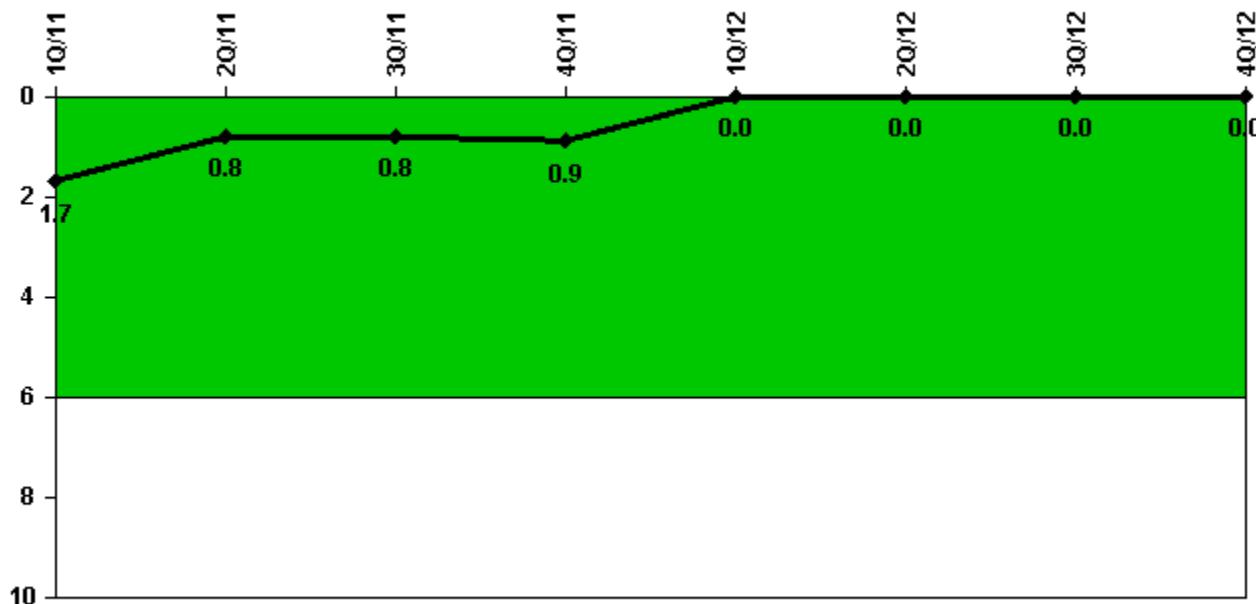
Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2062.1	2184.0	1879.2	1881.8	2183.0	2184.0	2208.0	2209.0
Indicator value	1.7	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

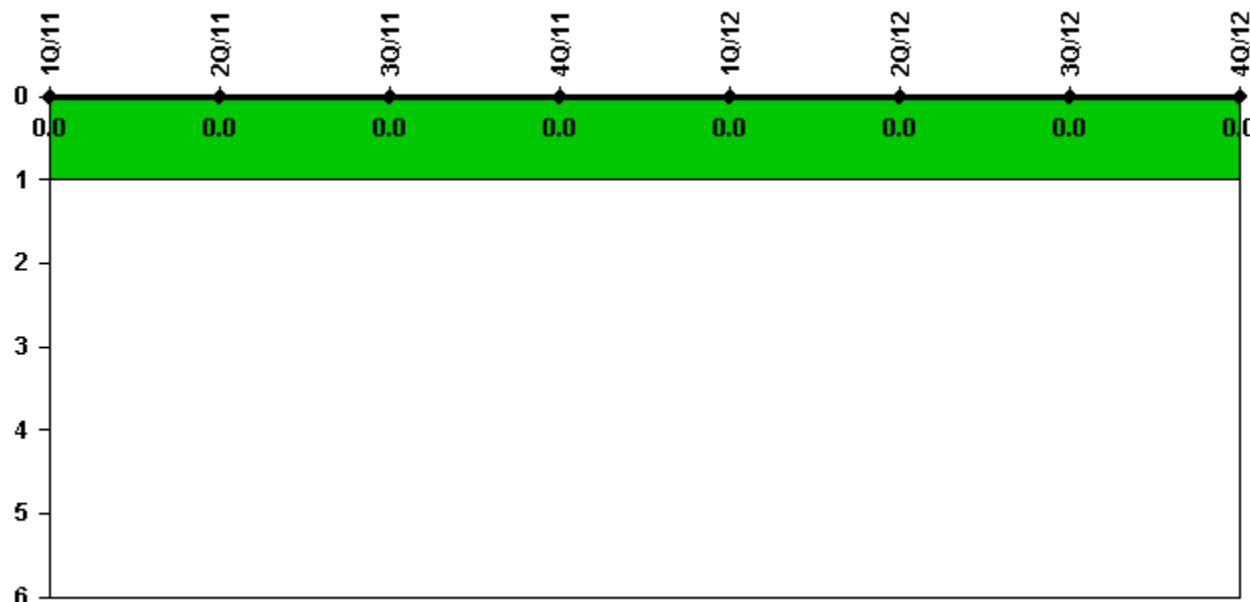
Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Unplanned power changes	1.0	0	0	0	0	0	0	0
Critical hours	2062.1	2184.0	1879.2	1881.8	2183.0	2184.0	2208.0	2209.0
Indicator value	1.7	0.8	0.8	0.9	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications

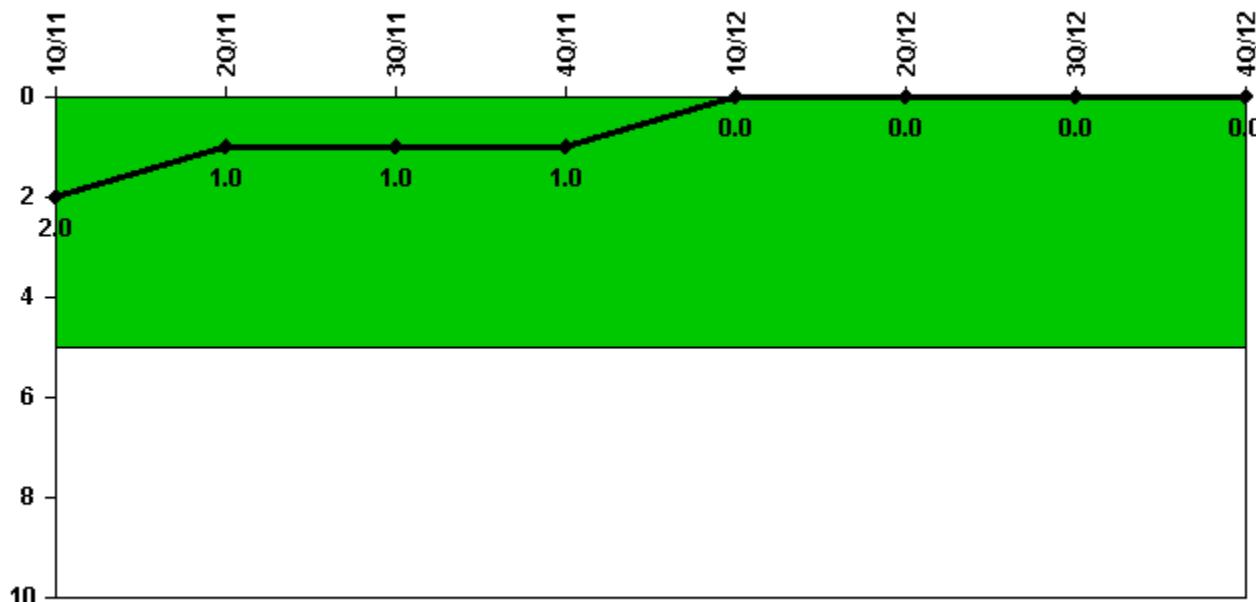
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)

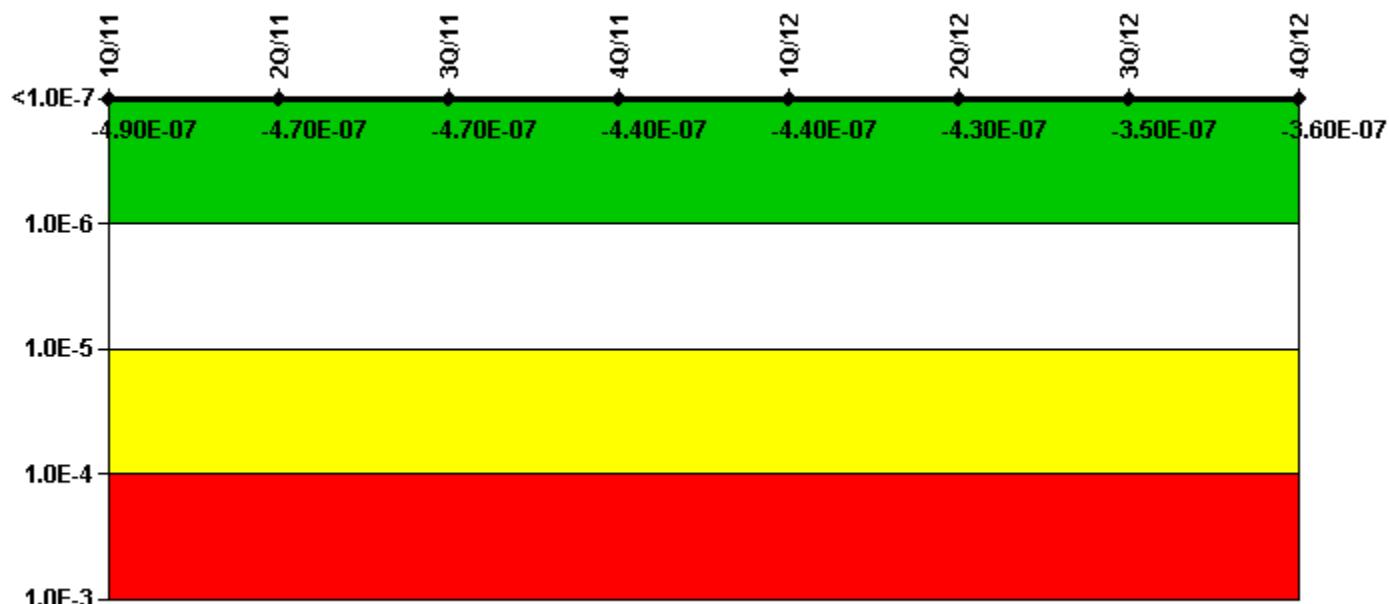


Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Safety System Functional Failures	1	0	0	0	0	0	0	0
Indicator value	2	1	1	1	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

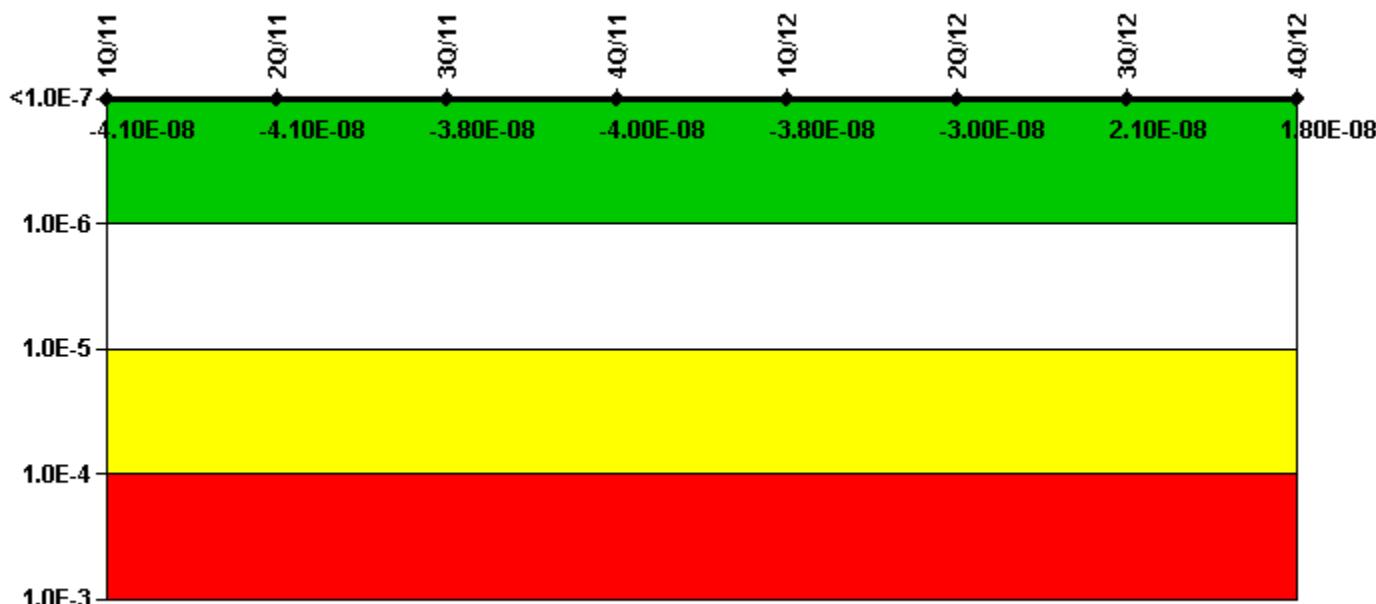
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	$-4.25E-08$	$-2.40E-08$	$-2.14E-08$	$6.97E-09$	$9.26E-09$	$1.97E-08$	$4.58E-08$	$3.02E-08$
URI (Δ CDF)	$-4.47E-07$	$-4.47E-07$	$-4.47E-07$	$-4.47E-07$	$-4.47E-07$	$-4.47E-07$	$-3.94E-07$	$-3.94E-07$
PLE	NO							
Indicator value	$-4.90E-07$	$-4.70E-07$	$-4.70E-07$	$-4.40E-07$	$-4.40E-07$	$-4.30E-07$	$-3.50E-07$	$-3.60E-07$

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

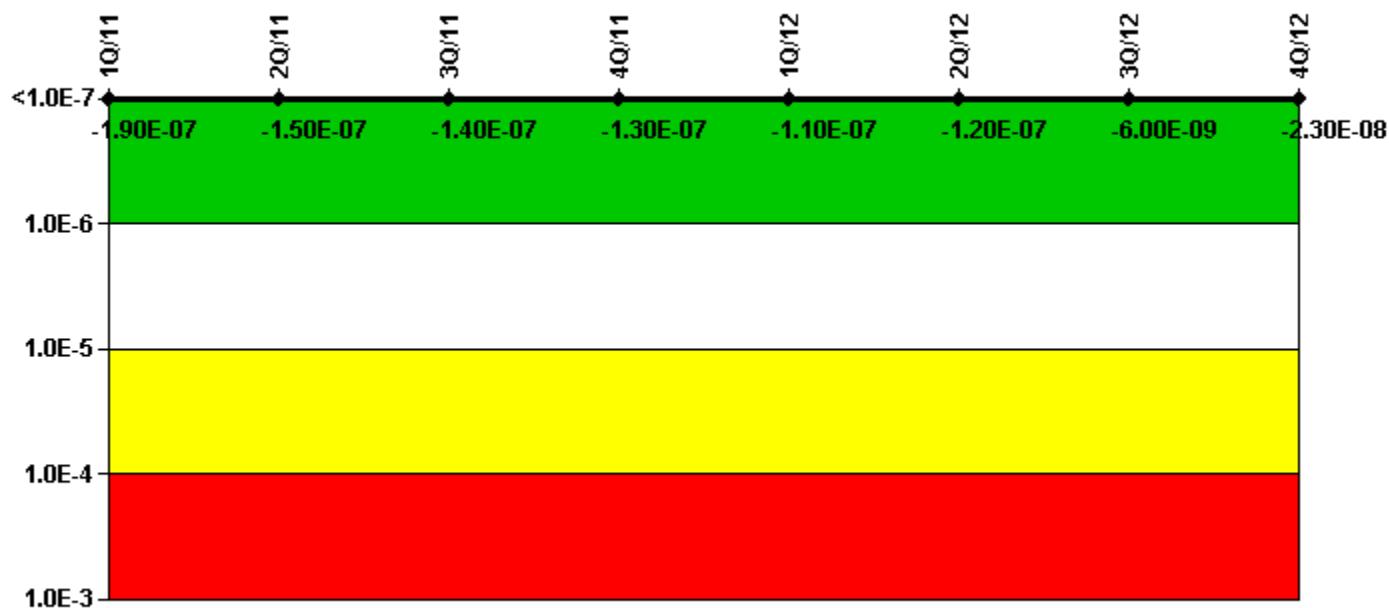
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	8.51E-09	8.46E-09	1.13E-08	8.92E-09	1.10E-08	1.94E-08	3.58E-08	3.25E-08
URI (Δ CDF)	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-1.50E-08	-1.50E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-08	-4.10E-08	-3.80E-08	-4.00E-08	-3.80E-08	-3.00E-08	2.10E-08	1.80E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

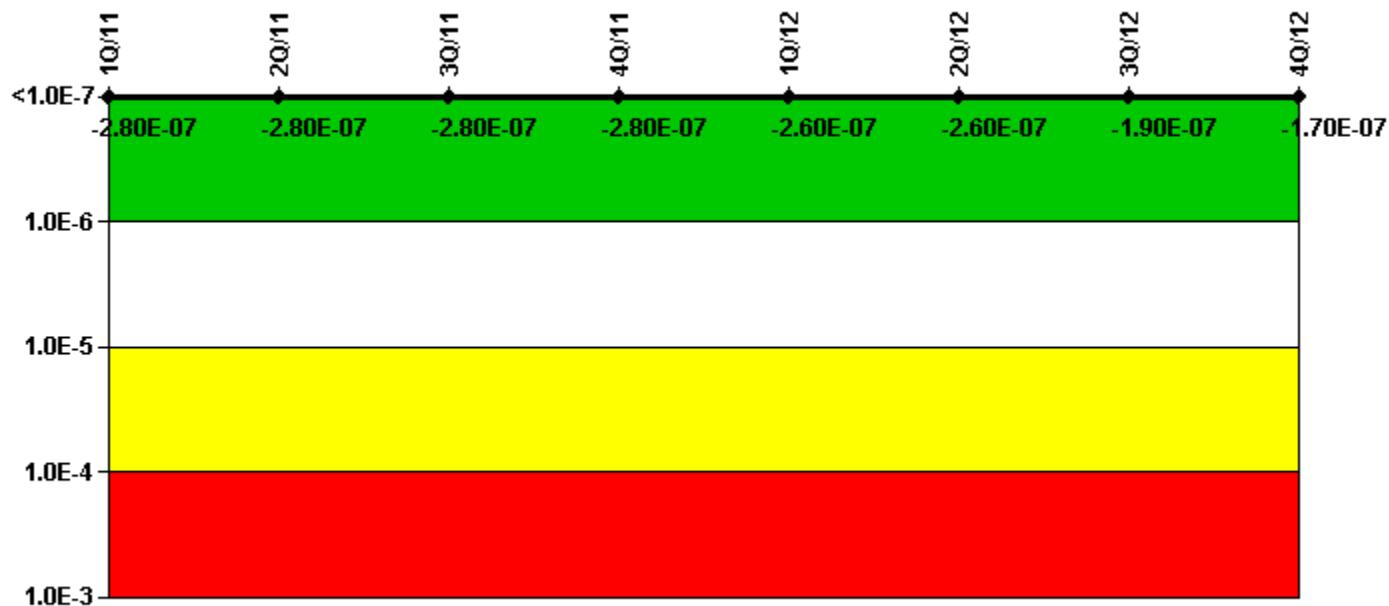
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-1.60E-08	1.45E-08	2.54E-08	3.34E-08	5.92E-08	4.76E-08	1.88E-07	1.71E-07
URI (Δ CDF)	-1.71E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.94E-07	-1.94E-07
PLE	NO							
Indicator value	-1.90E-07	-1.50E-07	-1.40E-07	-1.30E-07	-1.10E-07	-1.20E-07	-6.00E-09	-2.30E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

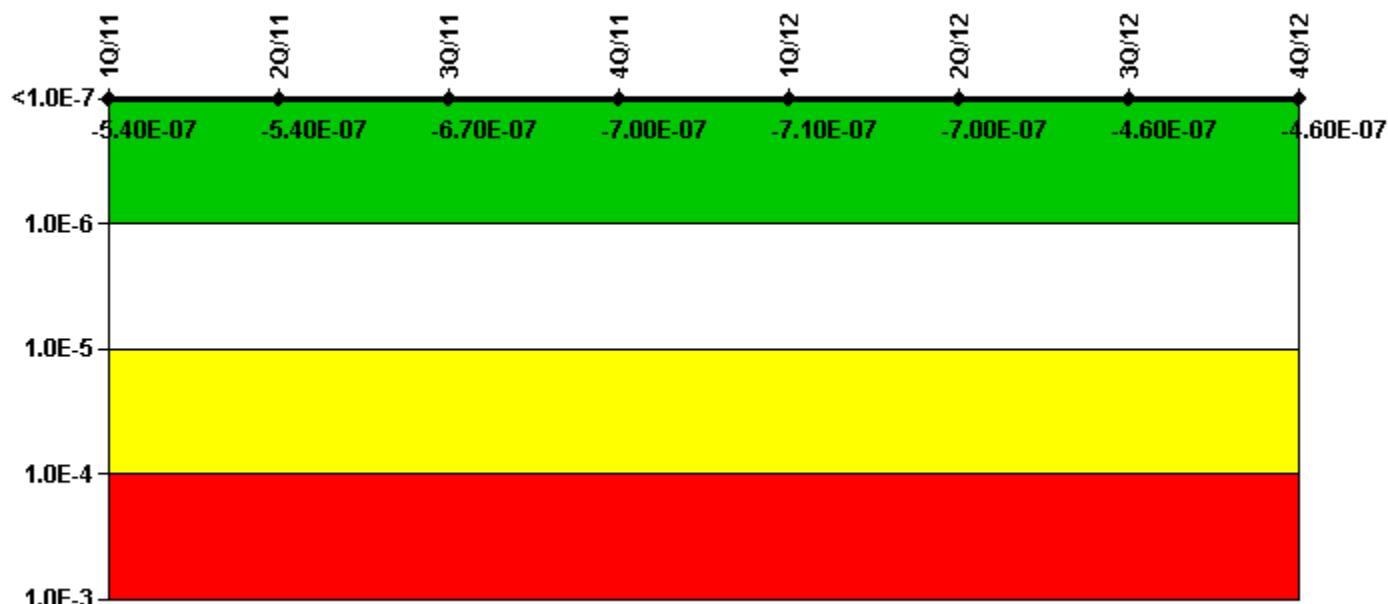
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-3.11E-08	-1.32E-08	-1.70E-08	-3.35E-08	-1.56E-08
URI (Δ CDF)	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-1.56E-07	-1.56E-07
PLE	NO							
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.80E-07	-2.60E-07	-2.60E-07	-1.90E-07	-1.70E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

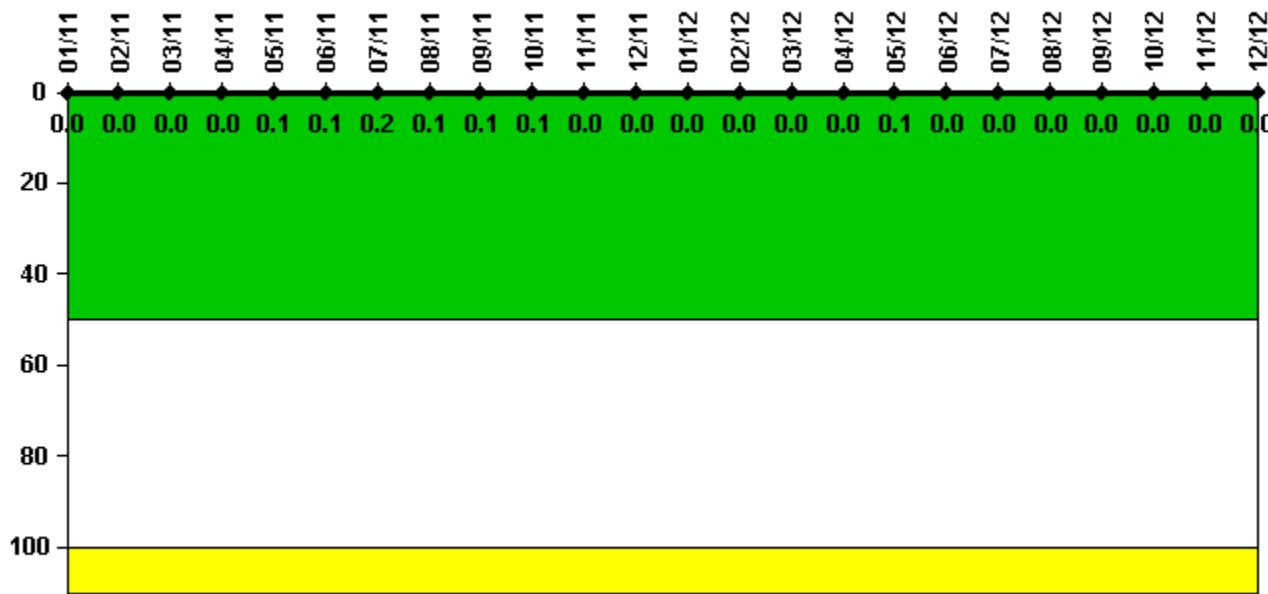
Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
UAI (Δ CDF)	5.53E-07	5.51E-07	4.19E-07	3.94E-07	3.85E-07	3.92E-07	3.97E-07	3.97E-07
URI (Δ CDF)	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-8.54E-07	-8.54E-07
PLE	NO							
Indicator value	-5.40E-07	-5.40E-07	-6.70E-07	-7.00E-07	-7.10E-07	-7.00E-07	-4.60E-07	-4.60E-07

Licensee Comments:

4Q/12: PRA updates for 2013

1Q/11: Risk Cap Invoked.

Reactor Coolant System Activity

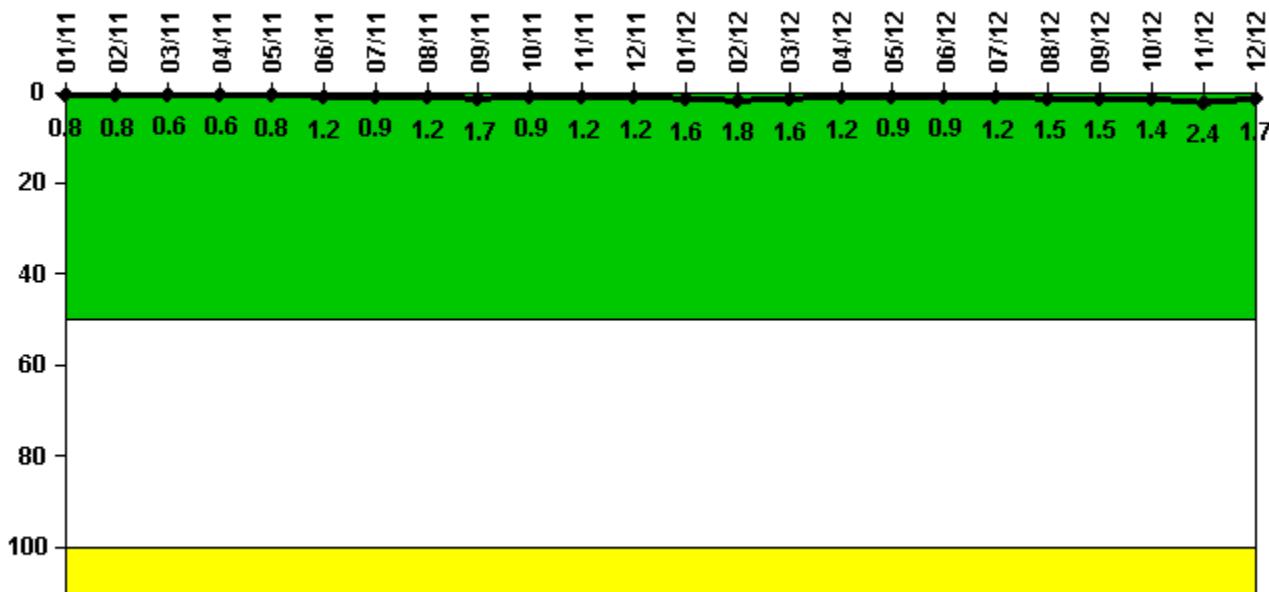
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum activity	0.000498	0.000462	0.000467	0.000466	0.000588	0.001497	0.001784	0.000538	0.000556	0.000556	0.000371	0.000305
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0.1	0.2	0.1	0.1	0.1	0	0
Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000474	0.000310	0.000320	0.000376	0.001090	0.000325	0.000371	0.000379	0.000389	0.000235	0.000249	0.000260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage

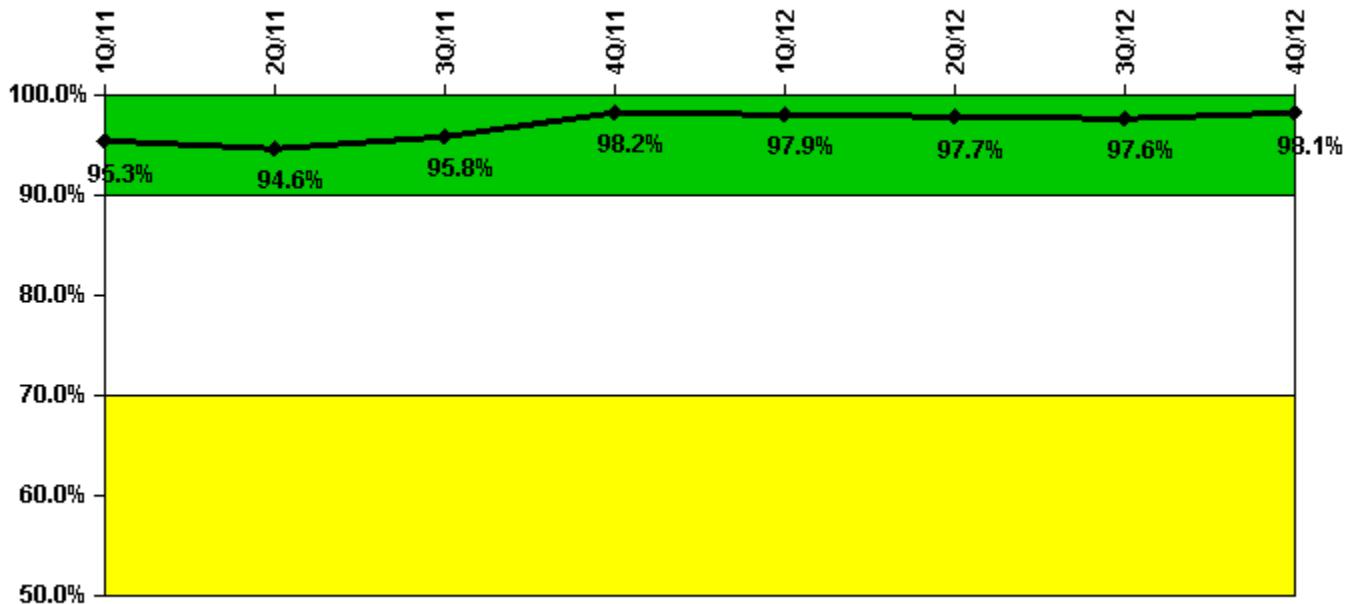


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/11	2/11	3/11	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11
Maximum leakage	0.076	0.082	0.063	0.058	0.078	0.122	0.091	0.116	0.165	0.085	0.120	0.117
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.8	0.8	0.6	0.6	0.8	1.2	0.9	1.2	1.7	0.9	1.2	1.2
Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	0.162	0.184	0.161	0.119	0.085	0.087	0.123	0.145	0.148	0.140	0.238	0.170
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.8	1.6	1.2	0.9	0.9	1.2	1.5	1.5	1.4	2.4	1.7

Licensee Comments: none

Drill/Exercise Performance

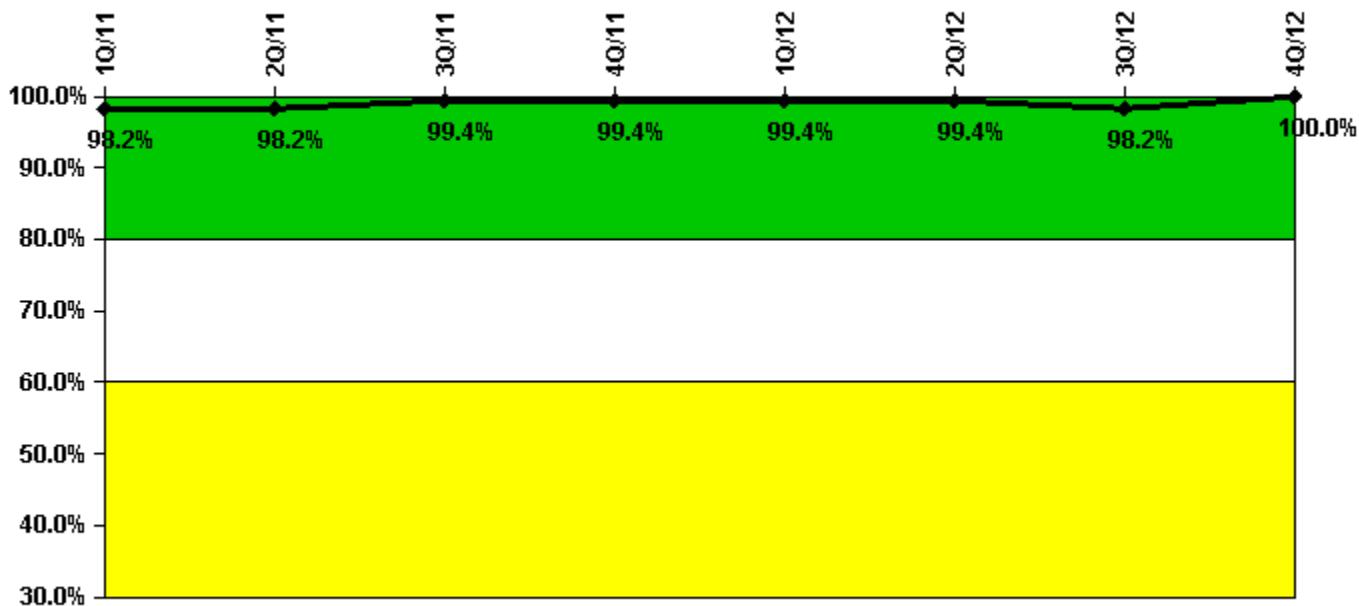
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful opportunities	0	30.0	40.0	64.0	26.0	25.0	12.0	57.0
Total opportunities	0	32.0	40.0	65.0	27.0	26.0	12.0	57.0
Indicator value	95.3%	94.6%	95.8%	98.2%	97.9%	97.7%	97.6%	98.1%

Licensee Comments: none

ERO Drill Participation



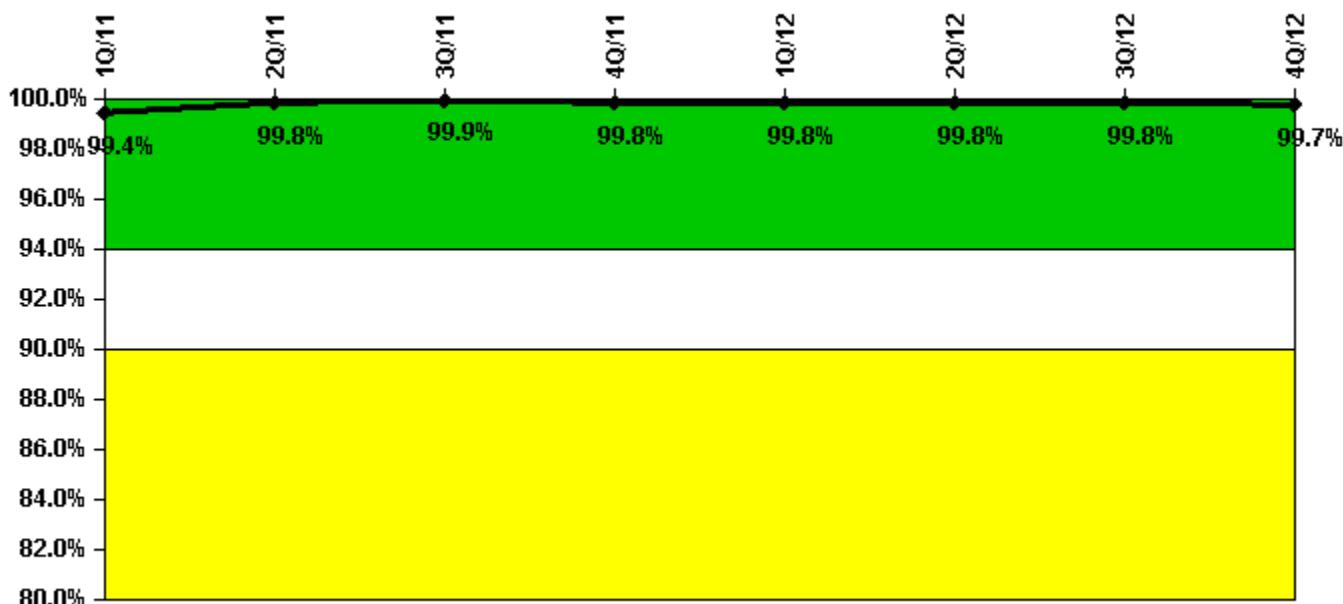
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Participating Key personnel	167.0	165.0	168.0	173.0	170.0	169.0	168.0	167.0
Total Key personnel	170.0	168.0	169.0	174.0	171.0	170.0	171.0	167.0
Indicator value	98.2%	98.2%	99.4%	99.4%	99.4%	99.4%	98.2%	100.0%

Licensee Comments: none

Alert & Notification System



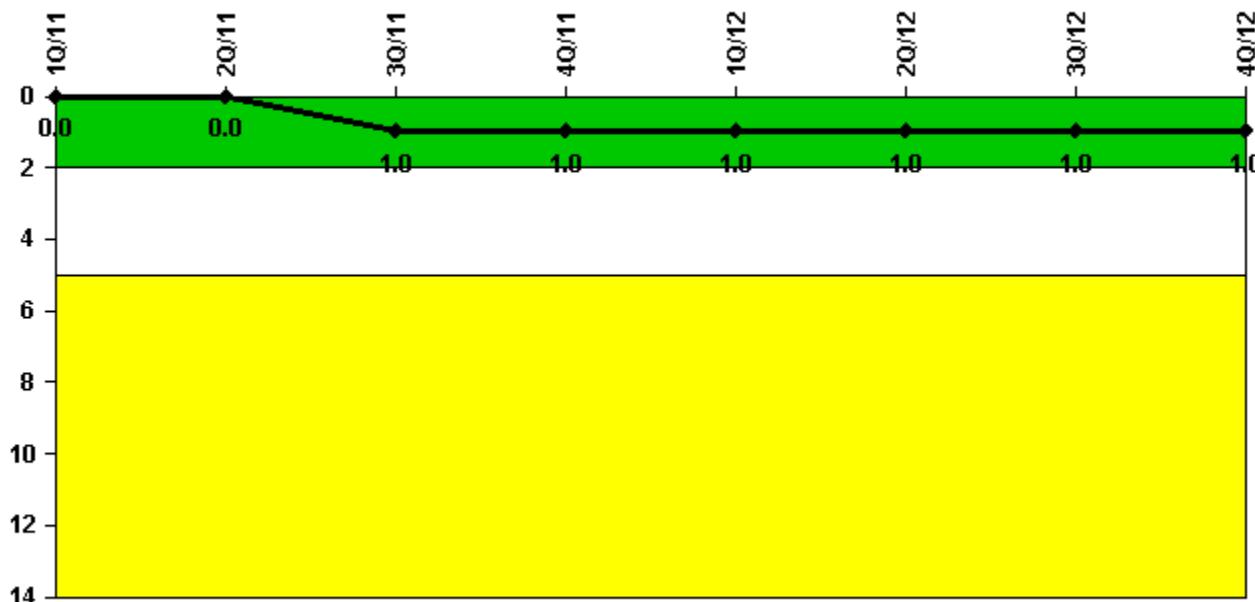
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
Successful siren-tests	1808	1803	1808	1805	1803	1780	1807	1801
Total sirens-tests	1809	1809	1809	1809	1809	1786	1809	1809
Indicator value	99.4%	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness

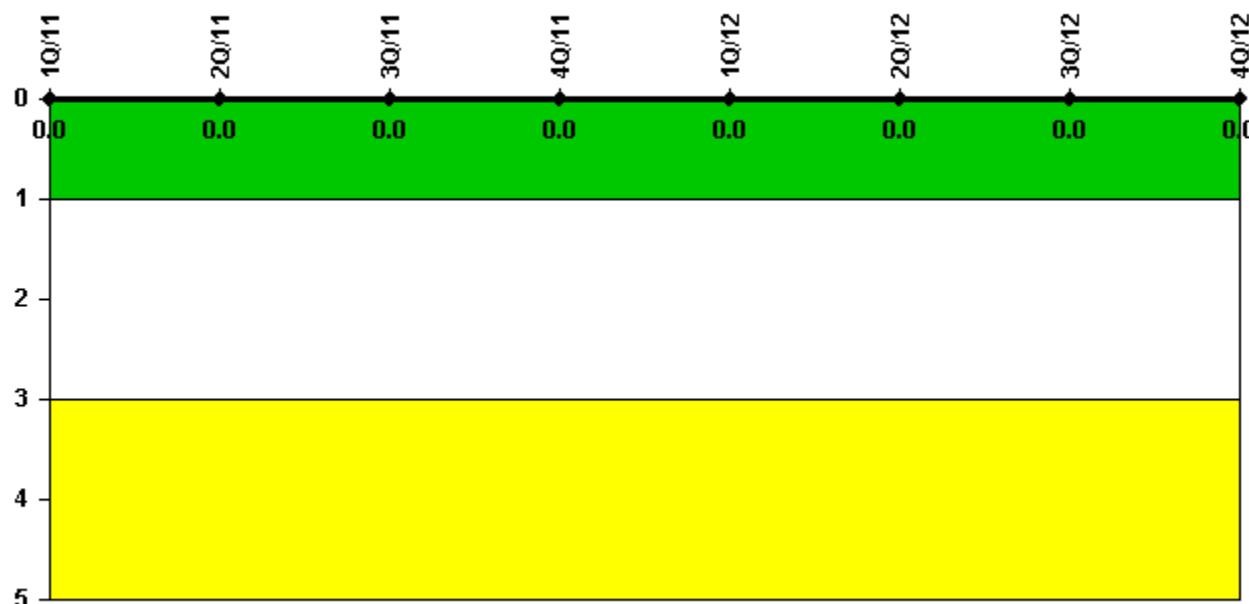


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
High radiation area occurrences	0	0	1	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	1	0
Indicator value	0	0	1	1	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/11	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.



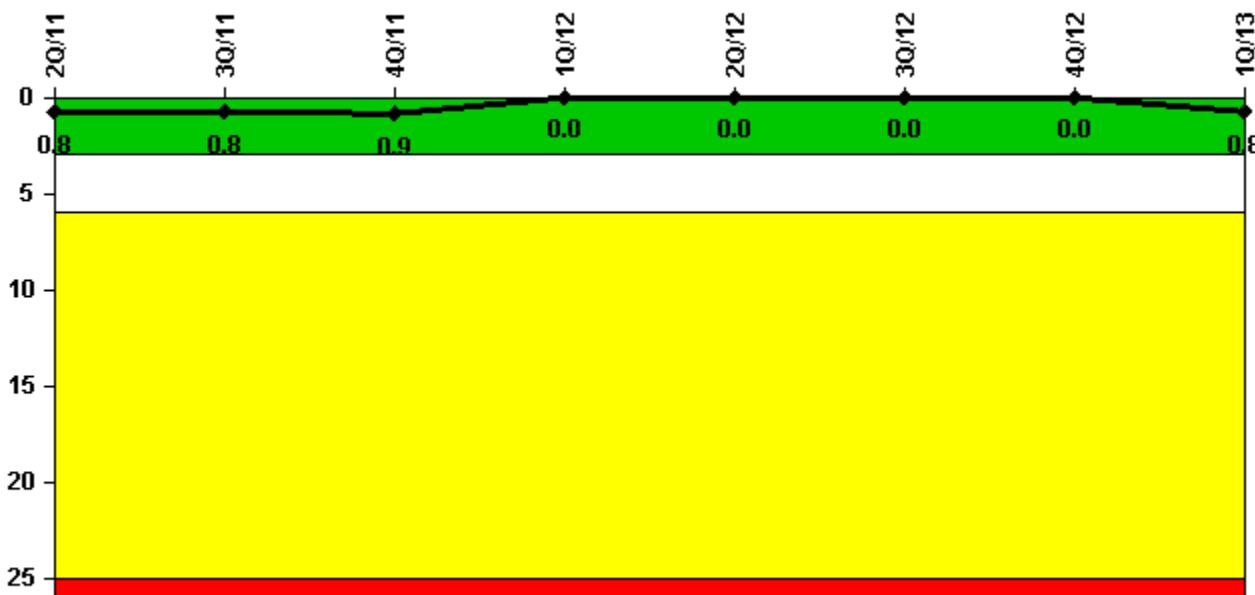
[Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

McGuire 1

1Q/2013 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs

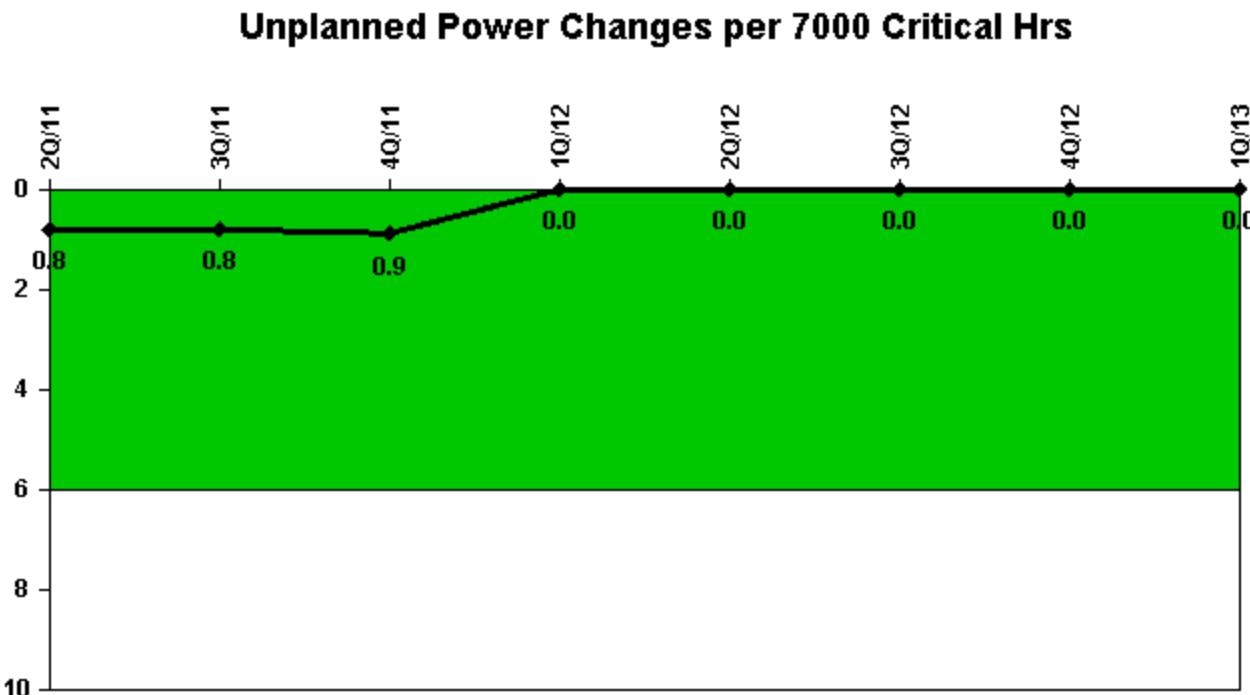


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned scrams	0	0	0	0	0	0	0	1.0
Critical hours	2184.0	1879.2	1881.8	2183.0	2184.0	2208.0	2209.0	1719.4
Indicator value	0.8	0.8	0.9	0	0	0	0	0.8

Licensee Comments: none



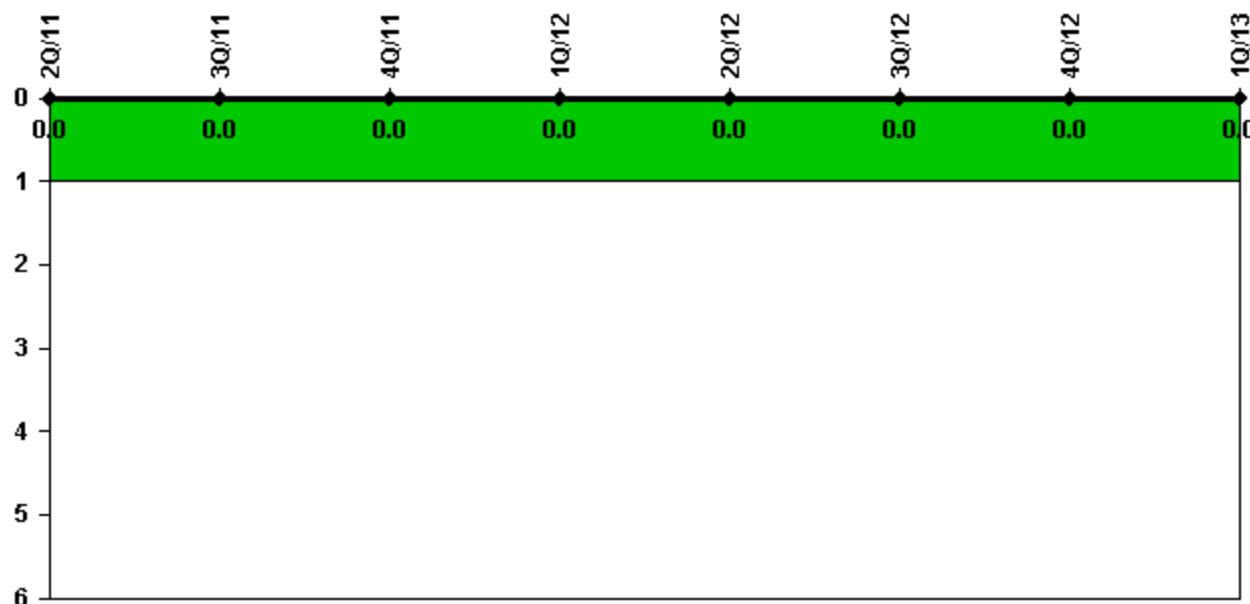
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	1879.2	1881.8	2183.0	2184.0	2208.0	2209.0	1719.4
Indicator value	0.8	0.8	0.9	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



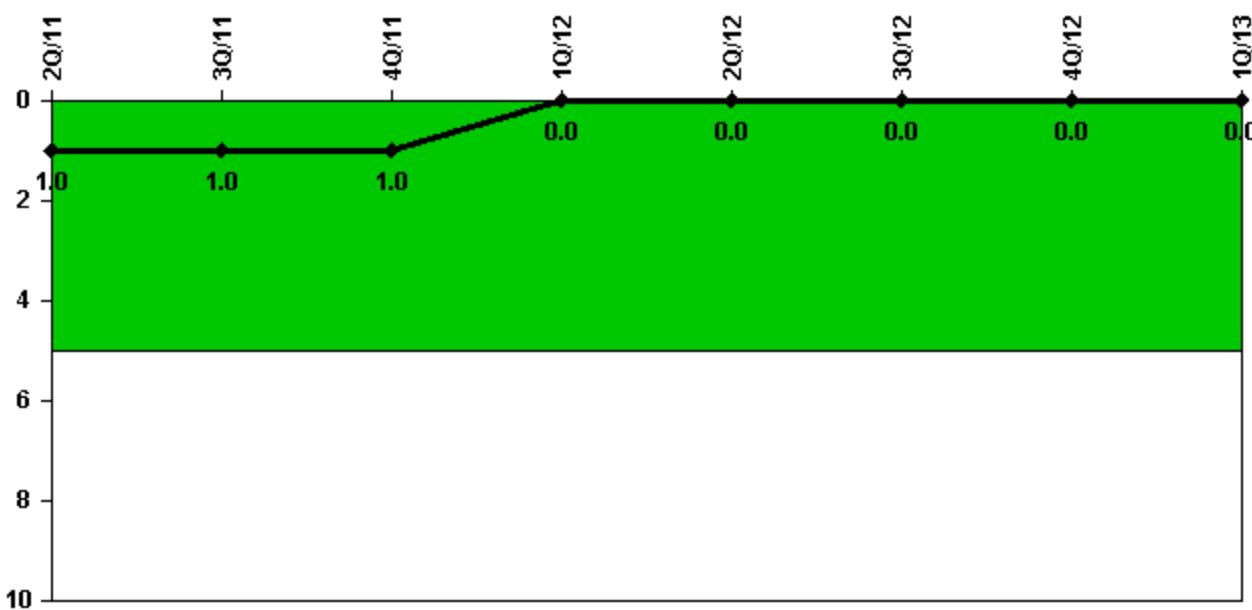
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



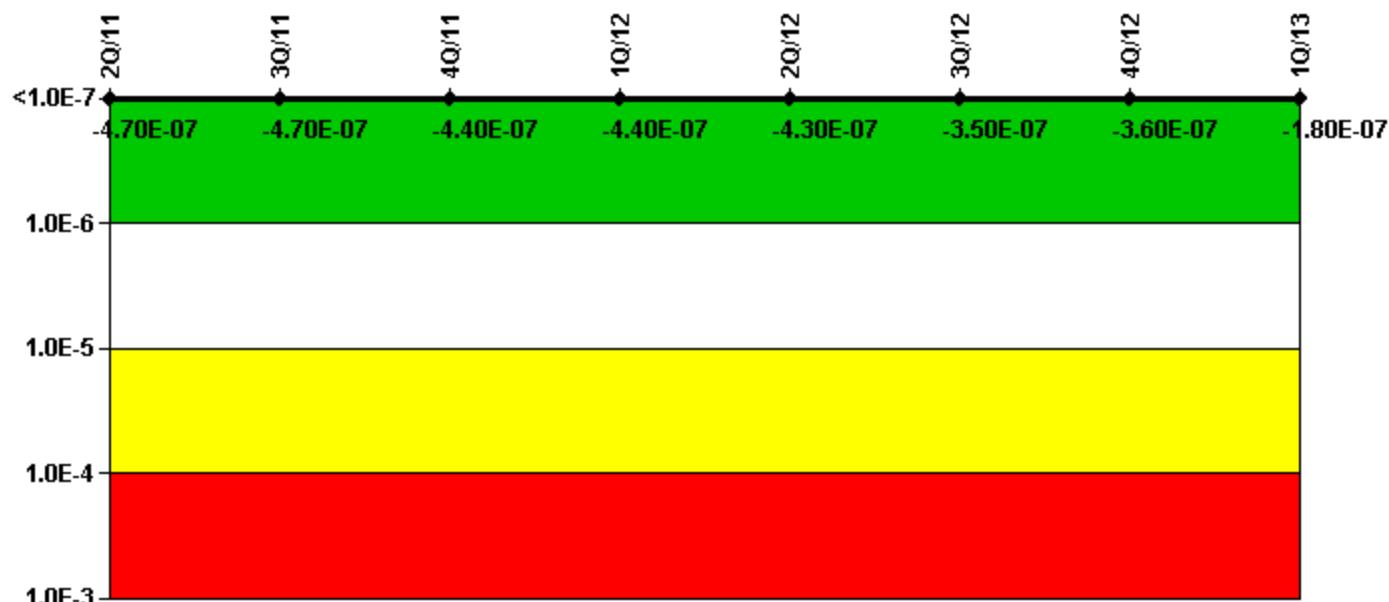
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

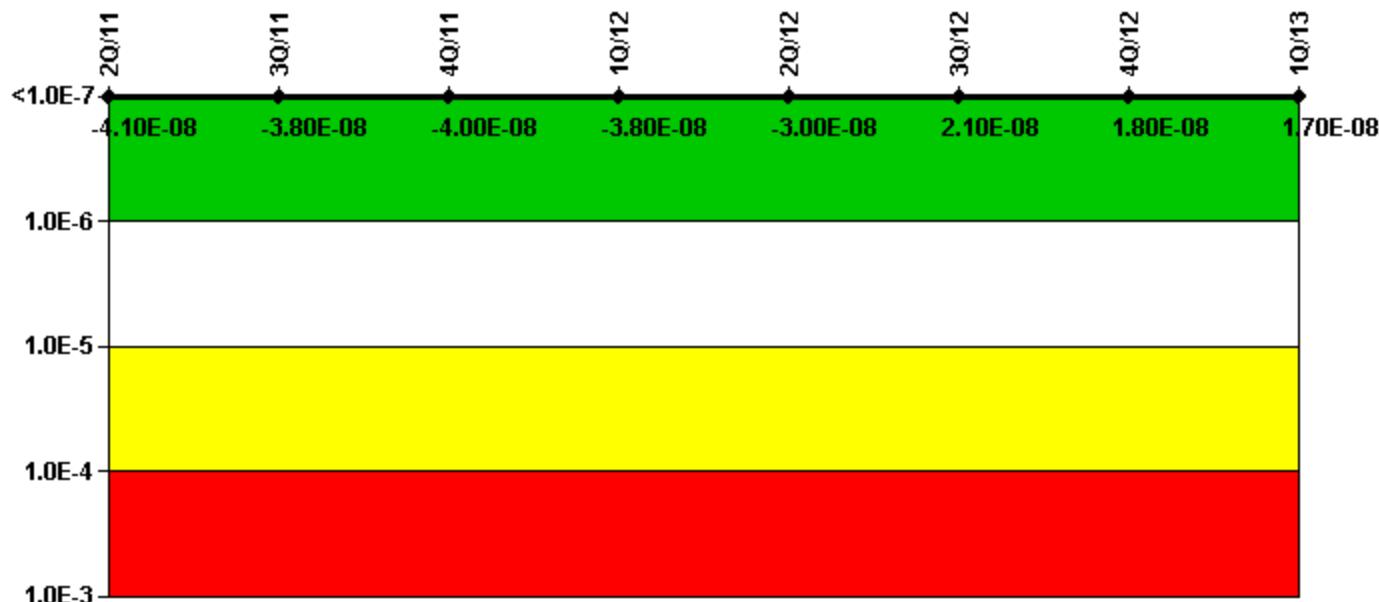
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	-2.40E-08	-2.14E-08	6.97E-09	9.26E-09	1.97E-08	4.58E-08	3.02E-08	1.13E-08
URI (Δ CDF)	-4.47E-07	-4.47E-07	-4.47E-07	-4.47E-07	-4.47E-07	-3.94E-07	-3.94E-07	-1.89E-07
PLE	NO							
Indicator value	-4.70E-07	-4.70E-07	-4.40E-07	-4.40E-07	-4.30E-07	-3.50E-07	-3.60E-07	-1.80E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

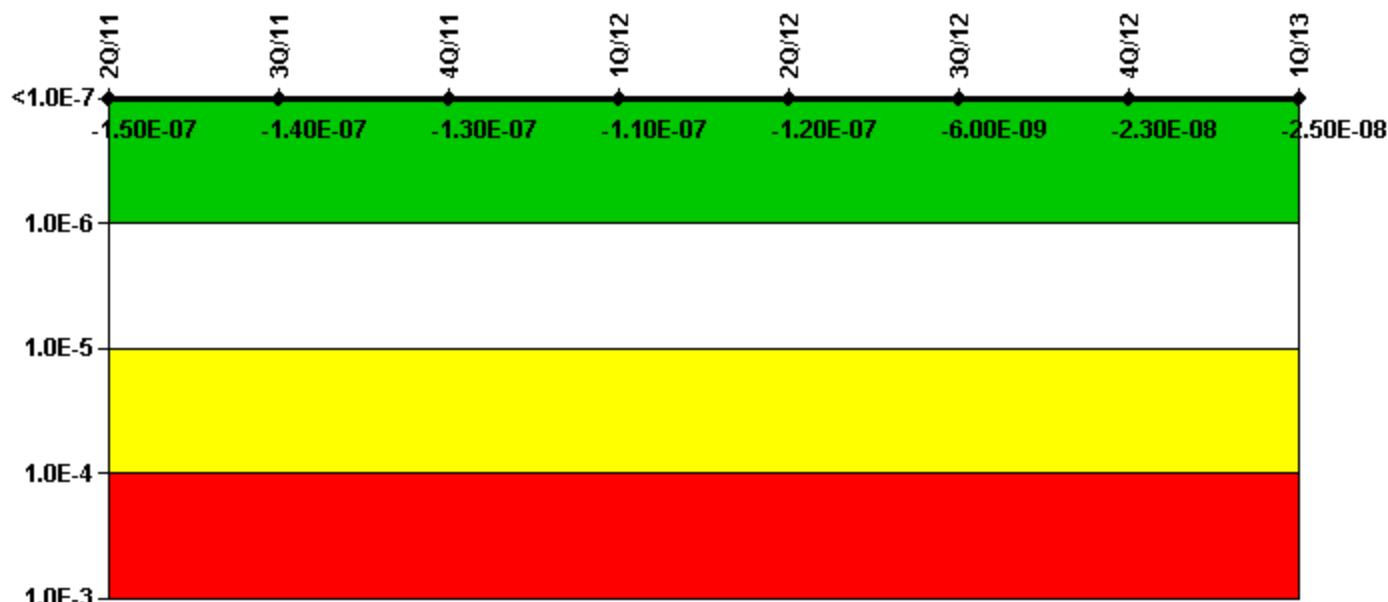
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	8.46E-09	1.13E-08	8.92E-09	1.10E-08	1.94E-08	3.58E-08	3.25E-08	2.82E-08
URI (Δ CDF)	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-1.50E-08	-1.50E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.10E-08	-3.80E-08	-4.00E-08	-3.80E-08	-3.00E-08	2.10E-08	1.80E-08	1.70E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

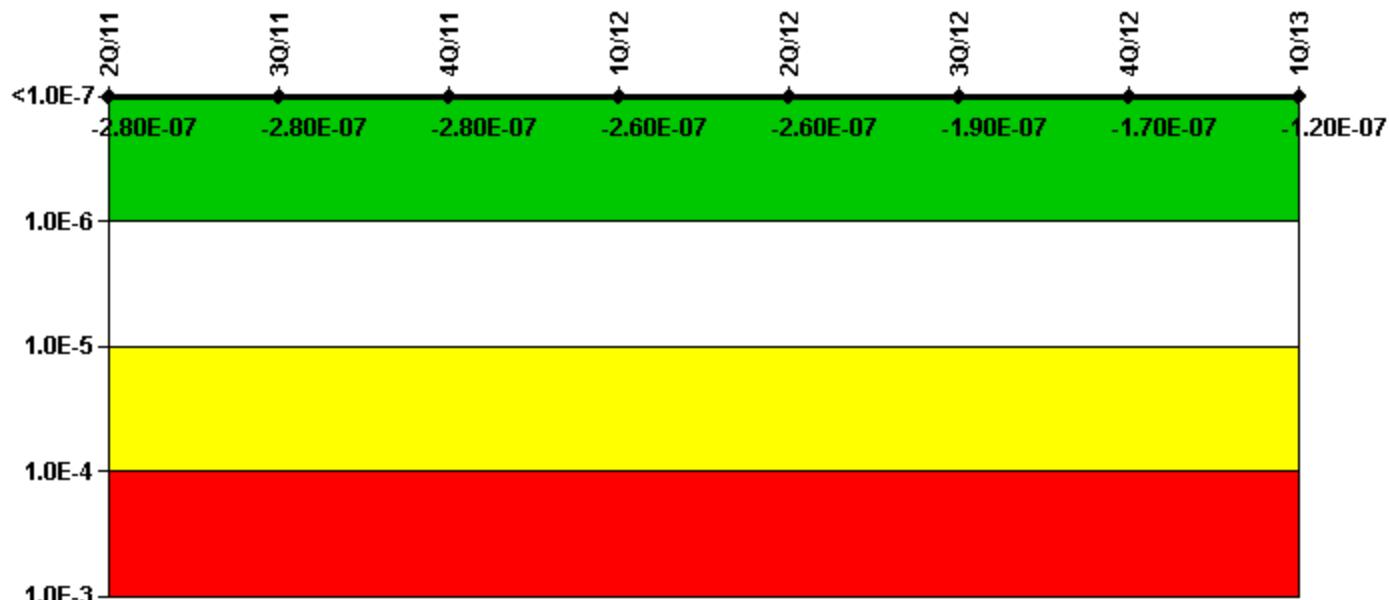
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	1.45E-08	2.54E-08	3.34E-08	5.92E-08	4.76E-08	1.88E-07	1.71E-07	1.14E-07
URI (Δ CDF)	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.94E-07	-1.94E-07	-1.39E-07
PLE	NO							
Indicator value	-1.50E-07	-1.40E-07	-1.30E-07	-1.10E-07	-1.20E-07	-6.00E-09	-2.30E-08	-2.50E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

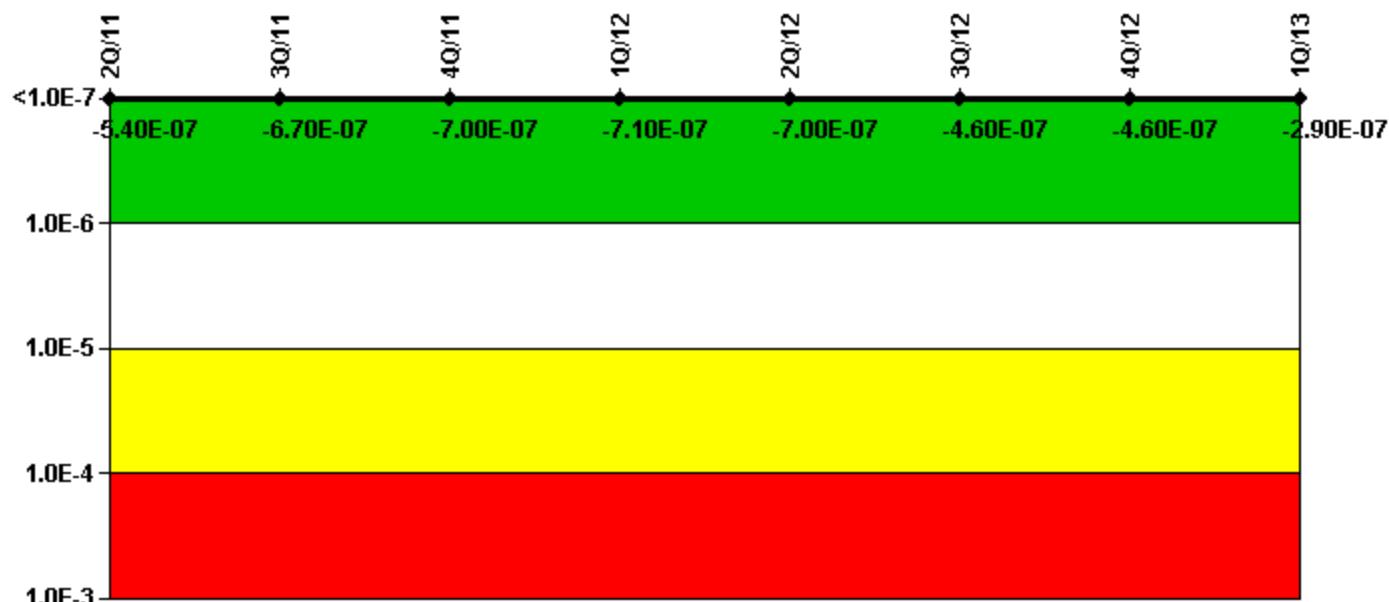
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-3.11E-08	-1.32E-08	-1.70E-08	-3.35E-08	-1.56E-08	1.49E-08
URI (Δ CDF)	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-1.56E-07	-1.56E-07	-1.35E-07
PLE	NO							
Indicator value	-2.80E-07	-2.80E-07	-2.80E-07	-2.60E-07	-2.60E-07	-1.90E-07	-1.70E-07	-1.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

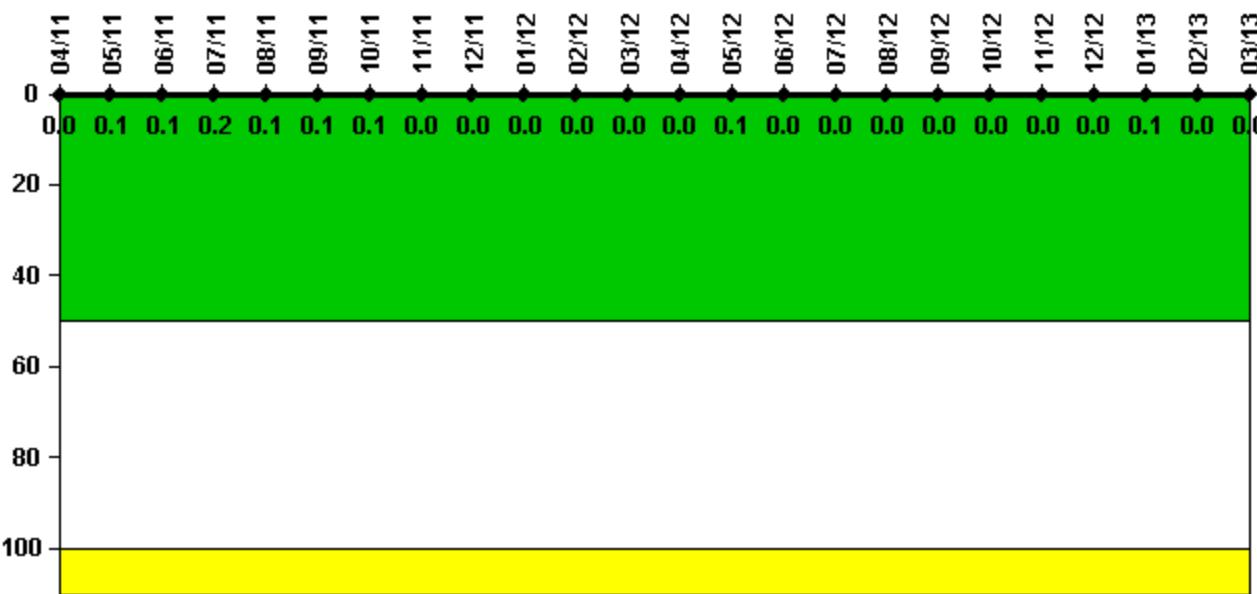
Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
UAI (Δ CDF)	5.51E-07	4.19E-07	3.94E-07	3.85E-07	3.92E-07	3.97E-07	3.97E-07	2.97E-07
URI (Δ CDF)	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-1.09E-06	-8.54E-07	-8.54E-07	-5.84E-07
PLE	NO							
Indicator value	-5.40E-07	-6.70E-07	-7.00E-07	-7.10E-07	-7.00E-07	-4.60E-07	-4.60E-07	-2.90E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Reactor Coolant System Activity



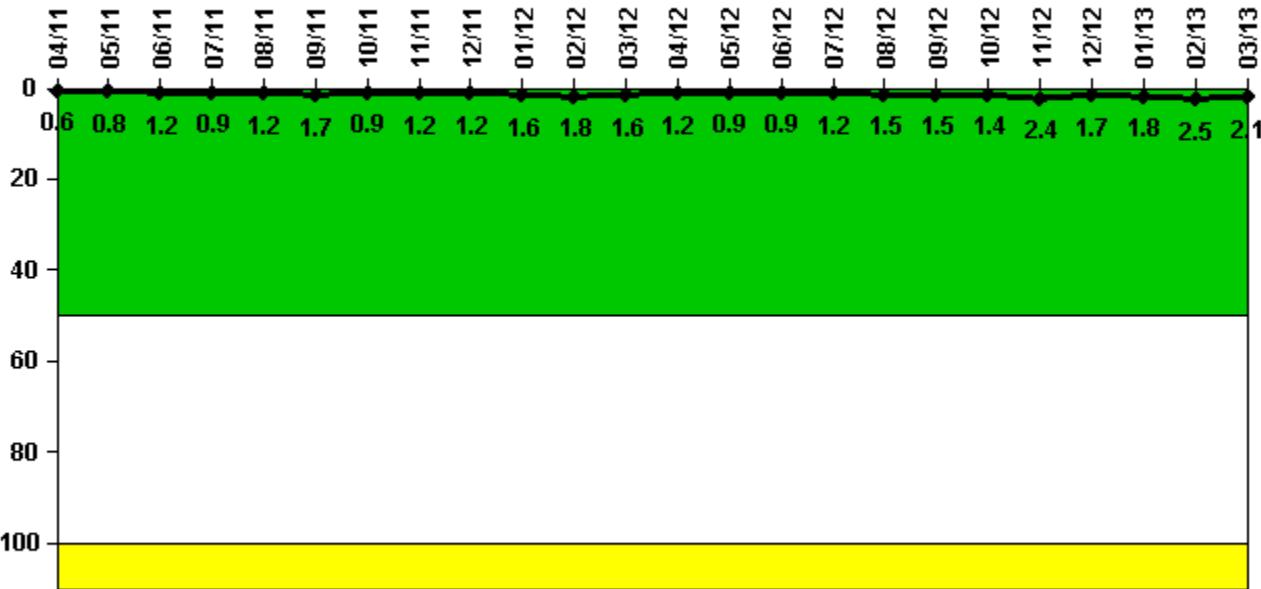
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum activity	0.000466	0.000588	0.001497	0.001784	0.000538	0.000556	0.000556	0.000371	0.000305	0.000474	0.000310	0.000320
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0.1	0.2	0.1	0.1	0.1	0	0	0	0	0
Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000376	0.001090	0.000325	0.000371	0.000379	0.000389	0.000235	0.000249	0.000260	0.000684	0.000267	0.000208
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0	0	0	0	0	0	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



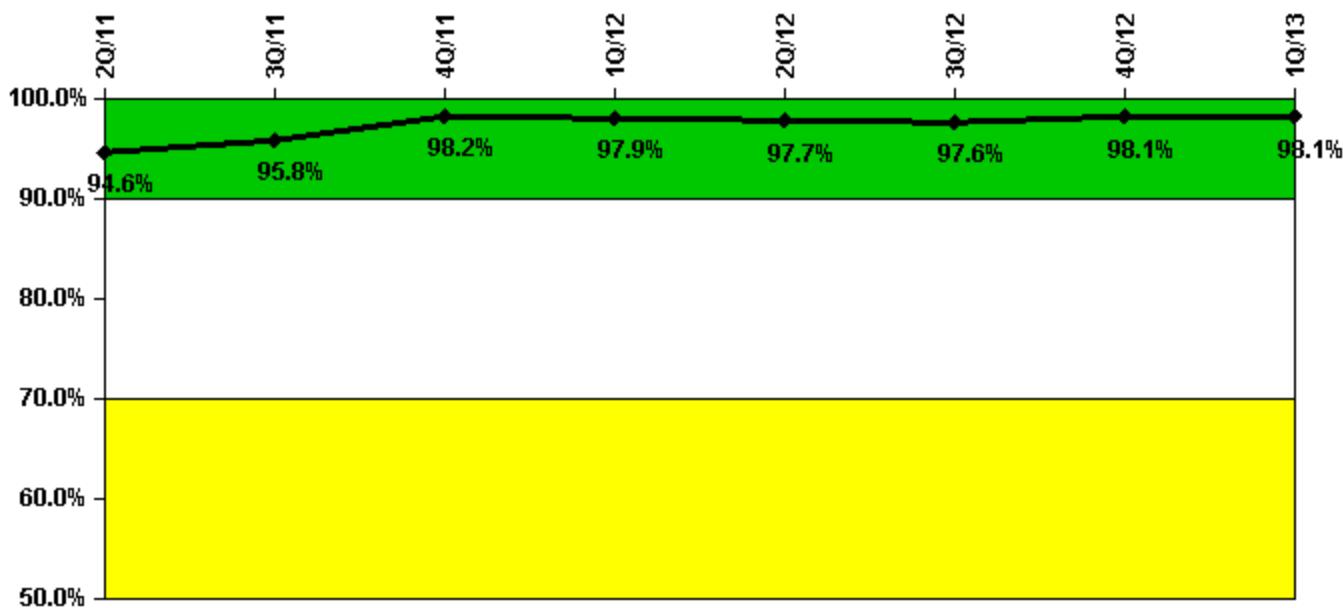
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/11	5/11	6/11	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12
Maximum leakage	0.058	0.078	0.122	0.091	0.116	0.165	0.085	0.120	0.117	0.162	0.184	0.161
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.6	0.8	1.2	0.9	1.2	1.7	0.9	1.2	1.2	1.6	1.8	1.6
Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.119	0.085	0.087	0.123	0.145	0.148	0.140	0.238	0.170	0.184	0.254	0.211
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	0.9	0.9	1.2	1.5	1.5	1.4	2.4	1.7	1.8	2.5	2.1

Licensee Comments: none

Drill/Exercise Performance



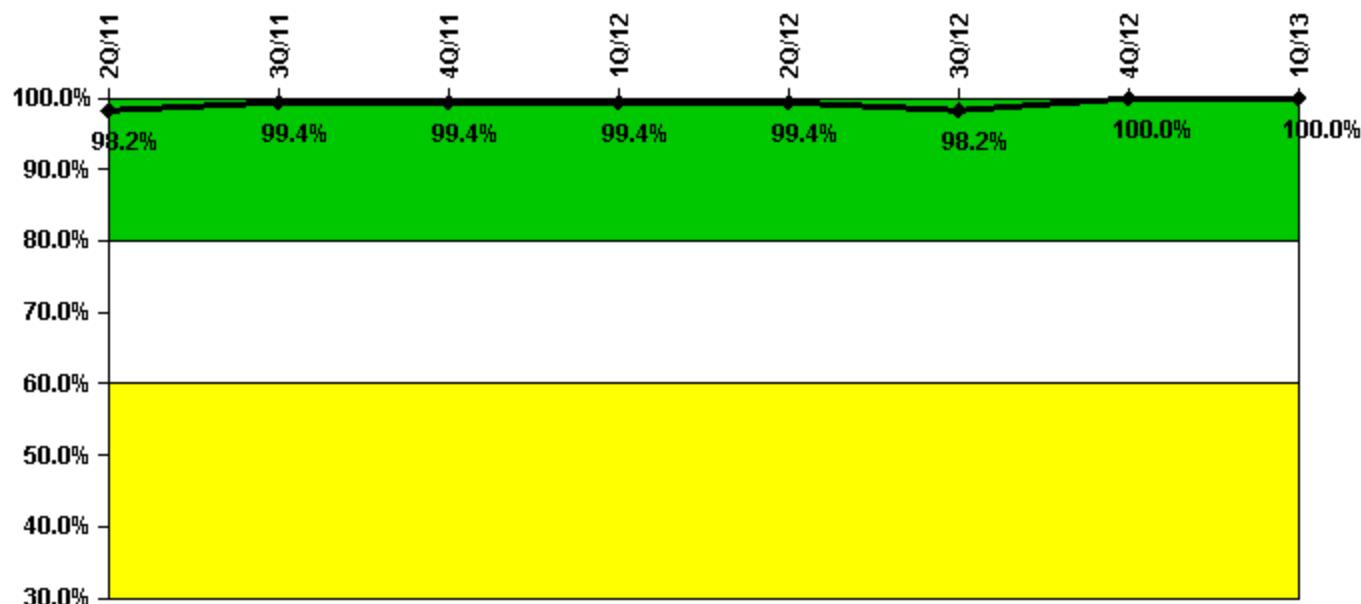
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful opportunities	30.0	40.0	64.0	26.0	25.0	12.0	57.0	8.0
Total opportunities	32.0	40.0	65.0	27.0	26.0	12.0	57.0	8.0
Indicator value	94.6%	95.8%	98.2%	97.9%	97.7%	97.6%	98.1%	98.1%

Licensee Comments: none

ERO Drill Participation



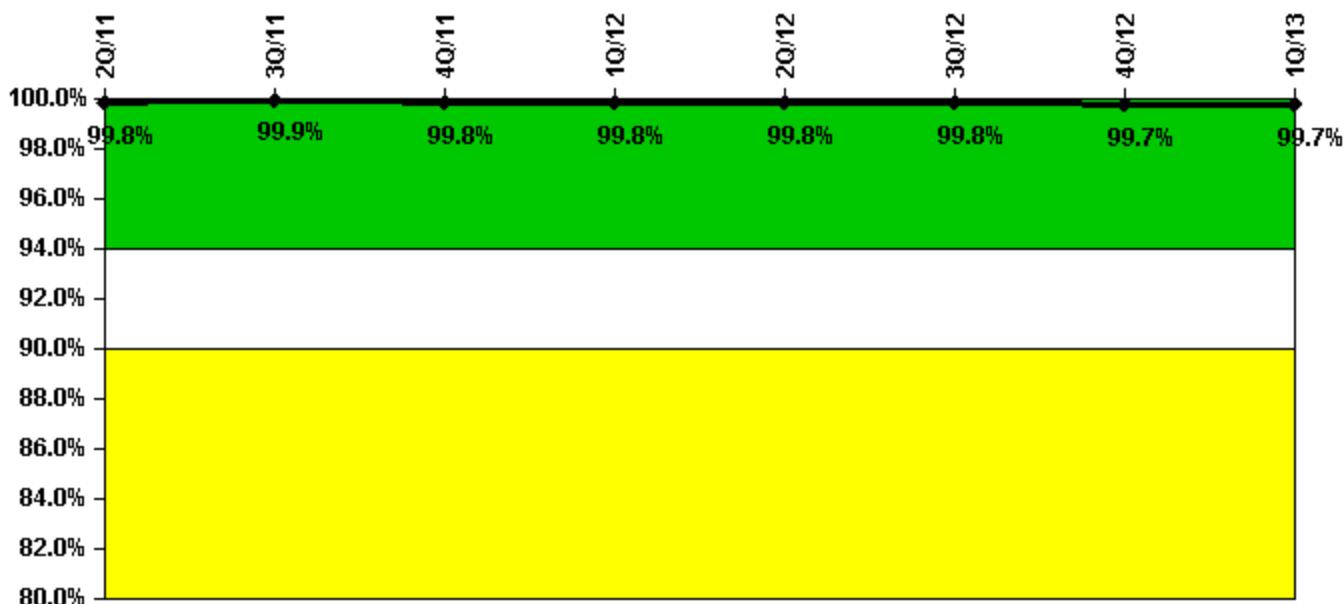
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Participating Key personnel	165.0	168.0	173.0	170.0	169.0	168.0	167.0	169.0
Total Key personnel	168.0	169.0	174.0	171.0	170.0	171.0	167.0	169.0
Indicator value	98.2%	99.4%	99.4%	99.4%	99.4%	98.2%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



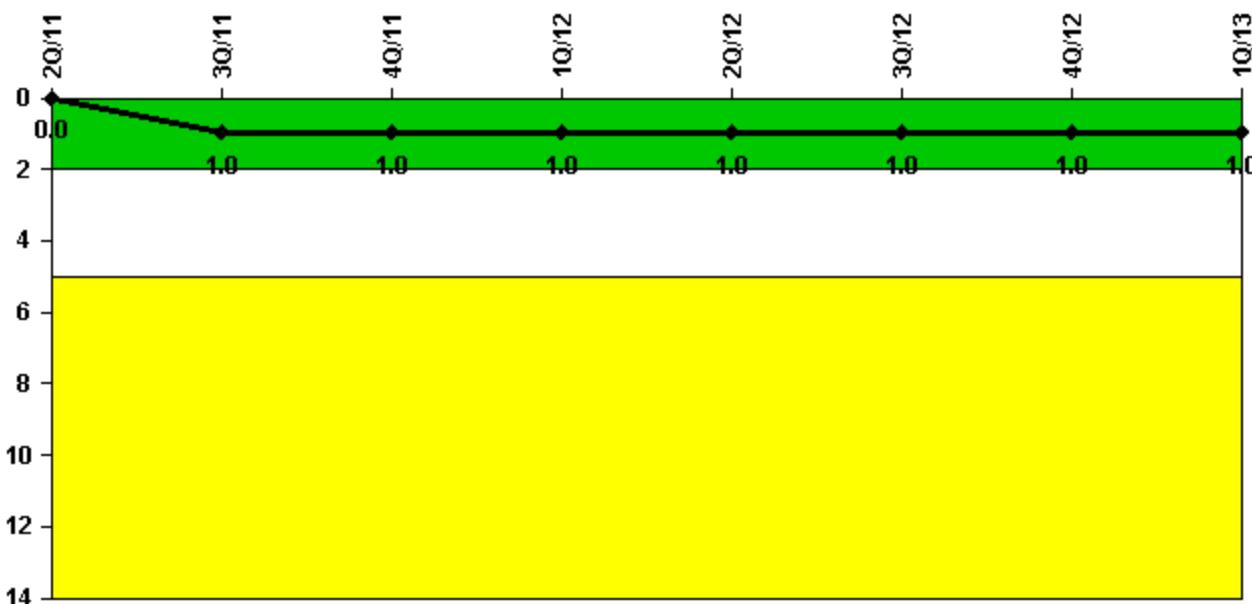
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
Successful siren-tests	1803	1808	1805	1803	1780	1807	1801	1801
Total sirens-tests	1809	1809	1809	1809	1786	1809	1809	1809
Indicator value	99.8%	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



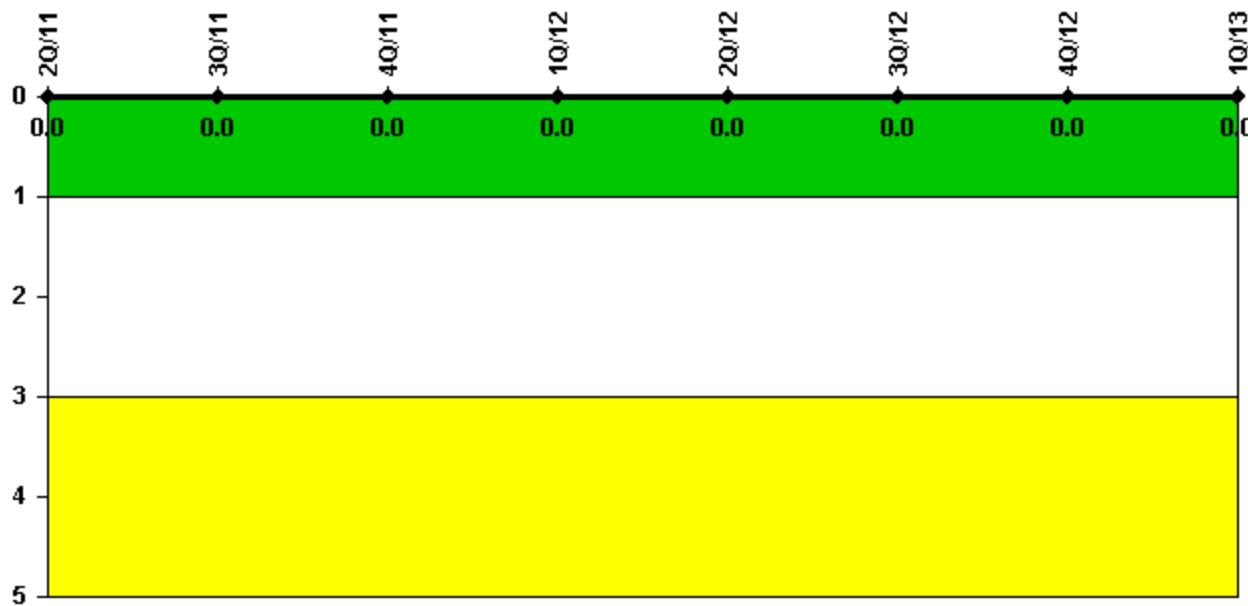
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
High radiation area occurrences	0	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	1	0	0
Indicator value	0	1						

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/11	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2013

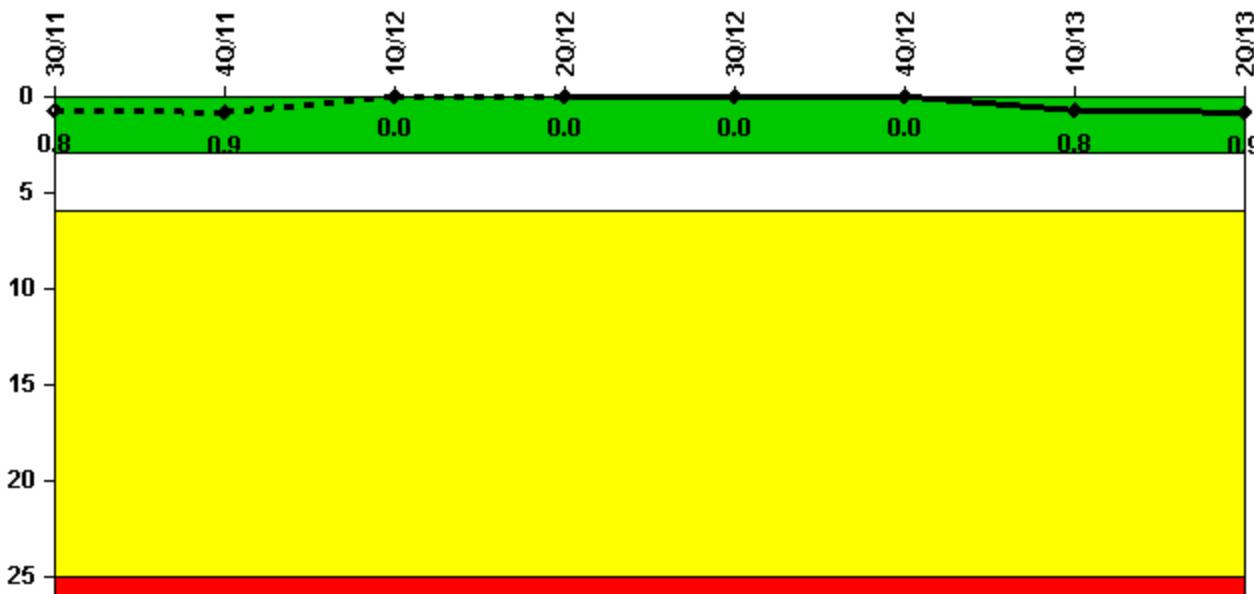
McGuire 1

2Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



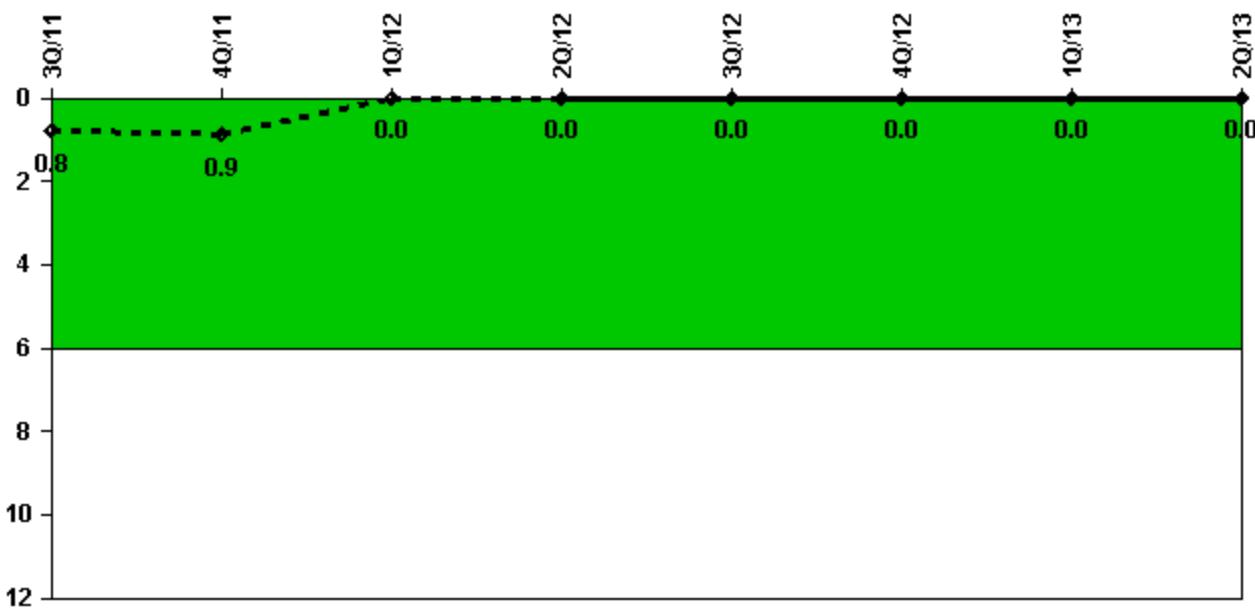
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	1879.2	1881.8	2183.0	2184.0	2208.0	2209.0	1719.4	1688.1
Indicator value	0.8	0.9	0	0	0	0	0.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



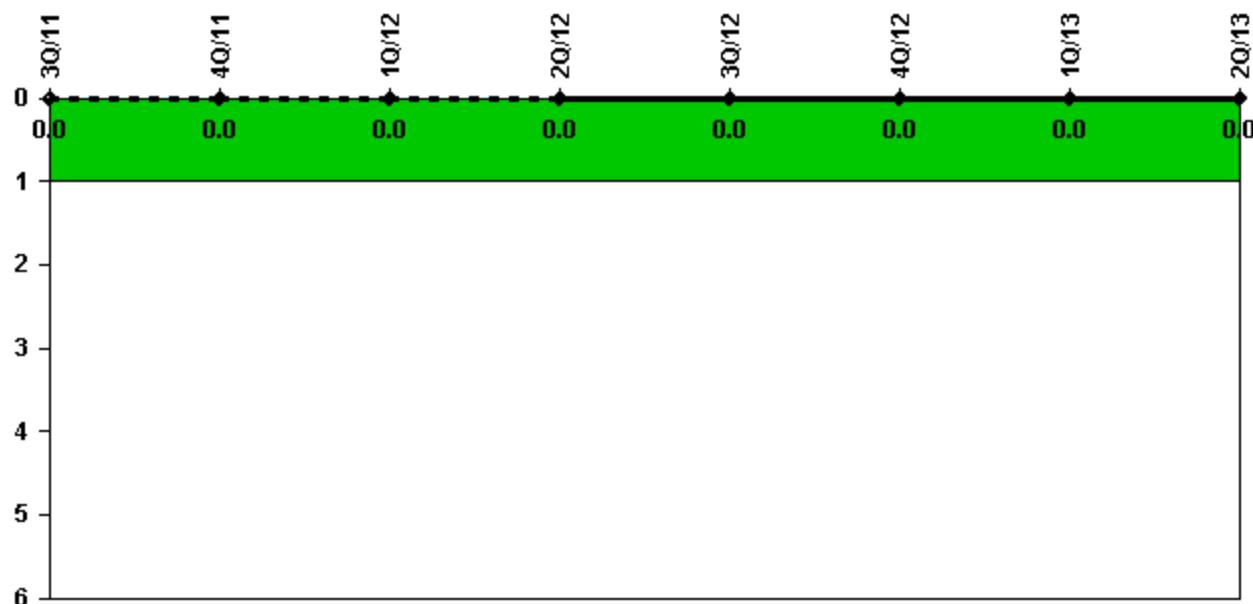
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1879.2	1881.8	2183.0	2184.0	2208.0	2209.0	1719.4	1688.1
Indicator value	0.8	0.9	0	0	0	0	0	0

Licensee Comments: none

Unplanned Scrams with Complications



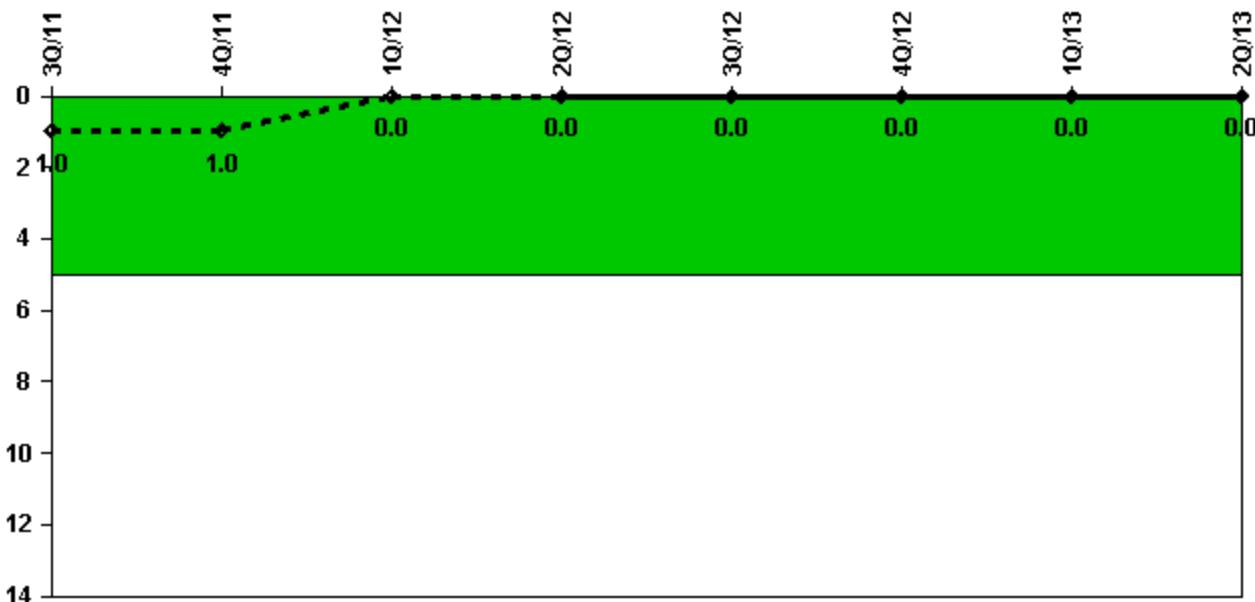
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



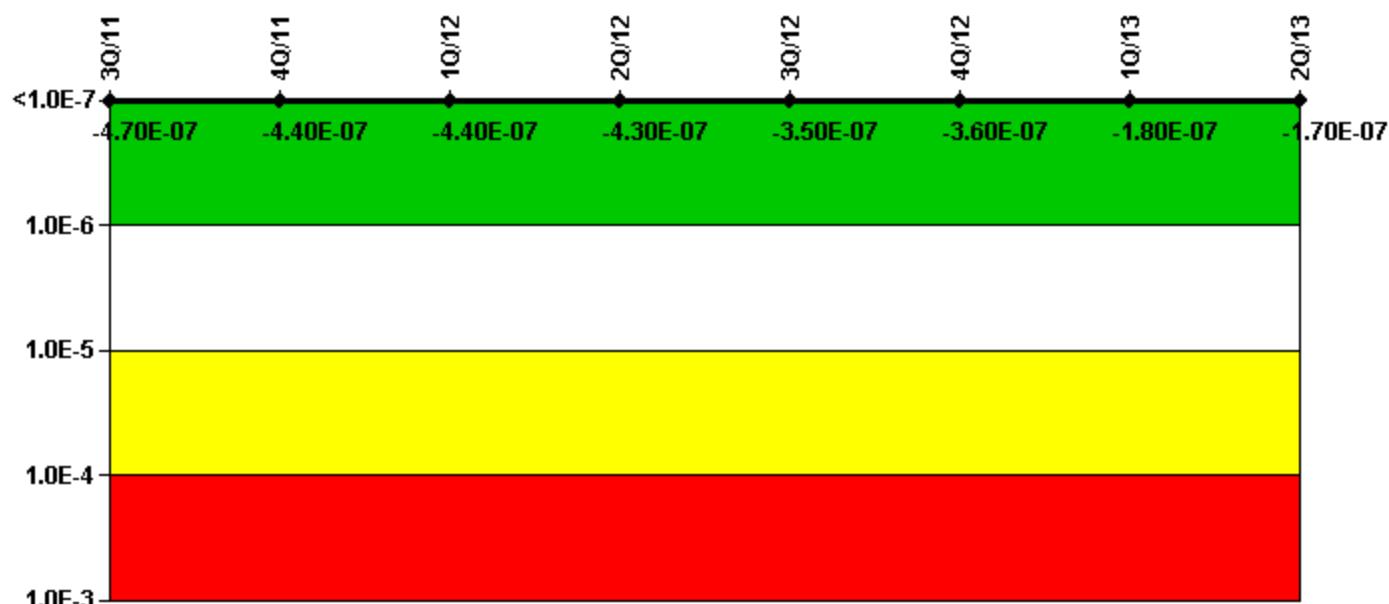
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

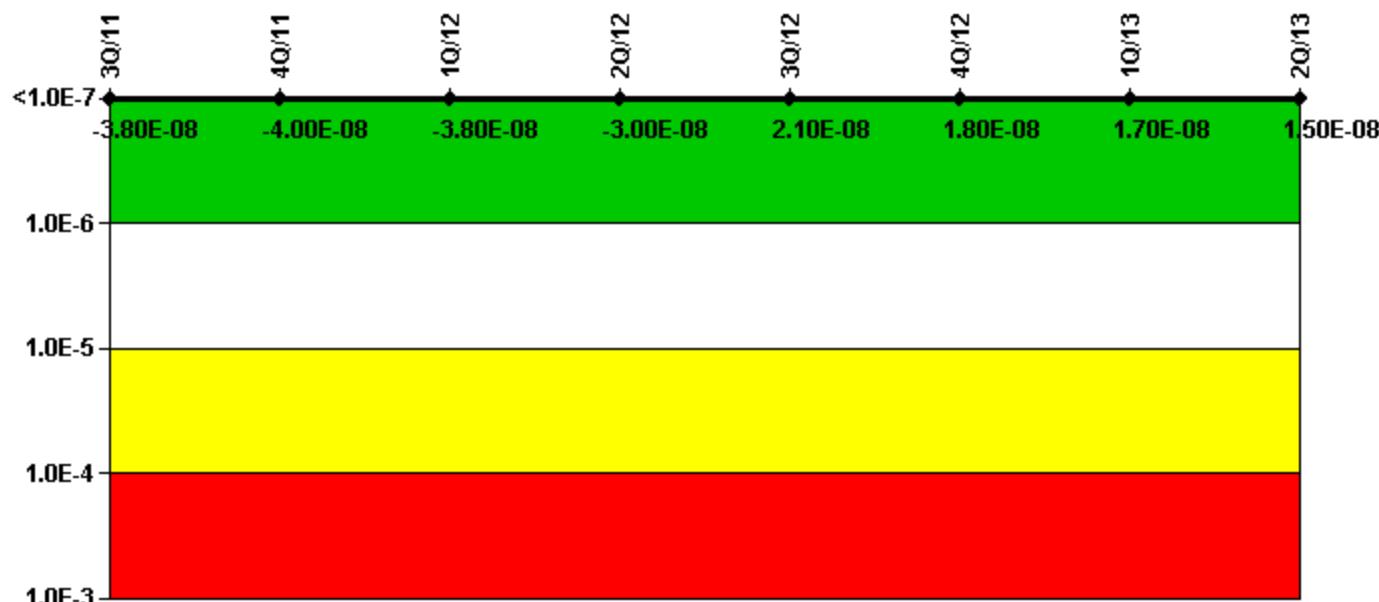
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-2.14E-08	6.97E-09	9.26E-09	1.97E-08	4.58E-08	3.02E-08	1.13E-08	1.83E-08
URI (Δ CDF)	-4.47E-07	-4.47E-07	-4.47E-07	-4.47E-07	-3.94E-07	-3.94E-07	-1.89E-07	-1.89E-07
PLE	NO							
Indicator value	-4.70E-07	-4.40E-07	-4.40E-07	-4.30E-07	-3.50E-07	-3.60E-07	-1.80E-07	-1.70E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

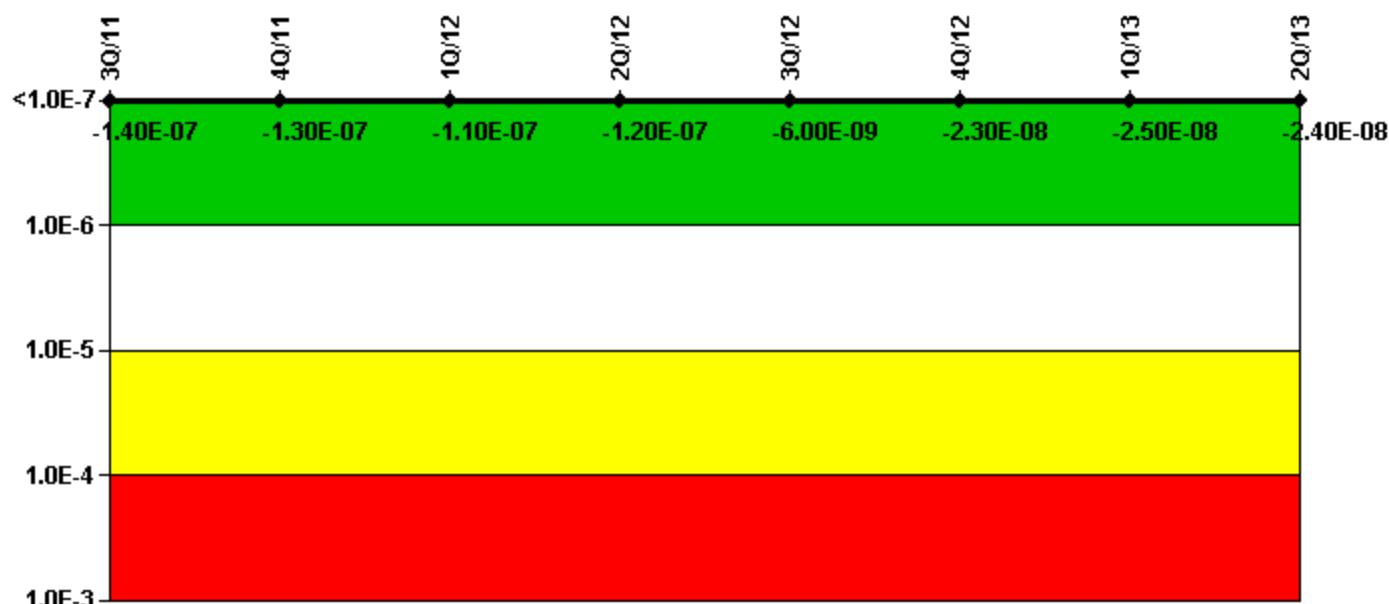
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	1.13E-08	8.92E-09	1.10E-08	1.94E-08	3.58E-08	3.25E-08	2.82E-08	2.67E-08
URI (Δ CDF)	-4.91E-08	-4.91E-08	-4.91E-08	-4.91E-08	-1.50E-08	-1.50E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.80E-08	-4.00E-08	-3.80E-08	-3.00E-08	2.10E-08	1.80E-08	1.70E-08	1.50E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	2.54E-08	3.34E-08	5.92E-08	4.76E-08	1.88E-07	1.71E-07	1.14E-07	1.15E-07
URI (Δ CDF)	-1.67E-07	-1.67E-07	-1.67E-07	-1.67E-07	-1.94E-07	-1.94E-07	-1.39E-07	-1.39E-07
PLE	NO							
Indicator value	-1.40E-07	-1.30E-07	-1.10E-07	-1.20E-07	-6.00E-09	-2.30E-08	-2.50E-08	-2.40E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

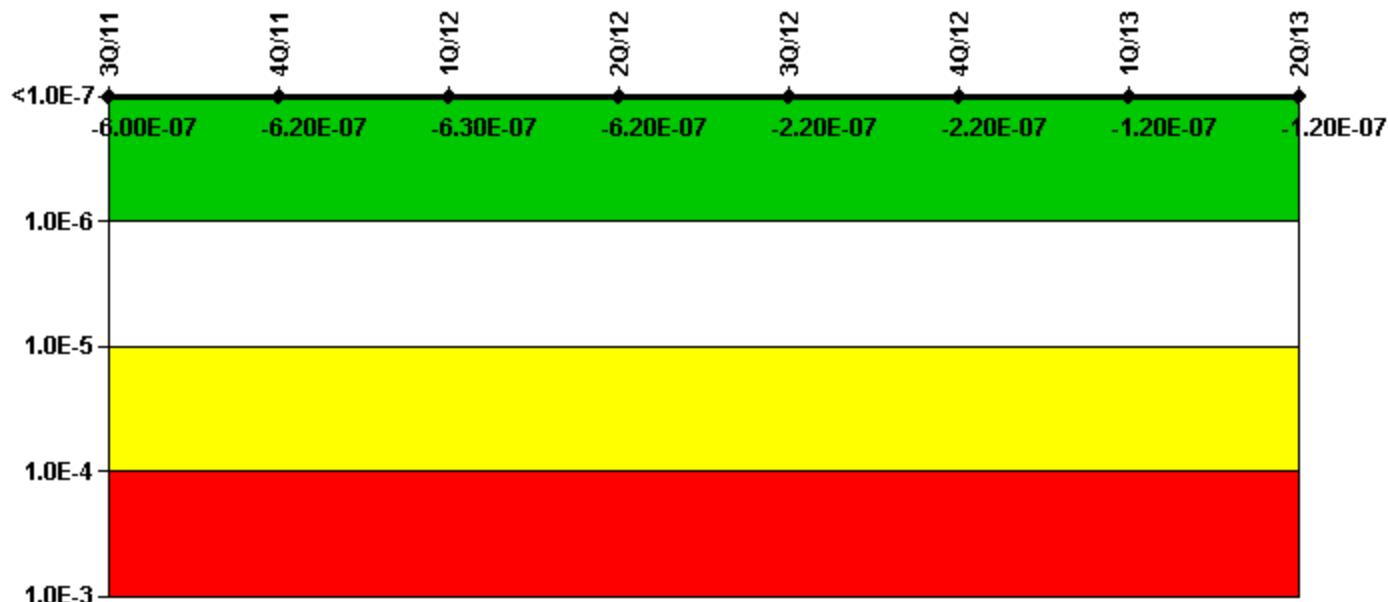
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	-3.11E-08	-3.11E-08	-1.32E-08	-1.70E-08	-3.35E-08	-1.56E-08	1.49E-08	1.55E-08
URI (Δ CDF)	-2.47E-07	-2.47E-07	-2.47E-07	-2.47E-07	-1.56E-07	-1.56E-07	-1.35E-07	-1.35E-07
PLE	NO							
Indicator value	-2.80E-07	-2.80E-07	-2.60E-07	-2.60E-07	-1.90E-07	-1.70E-07	-1.20E-07	-1.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

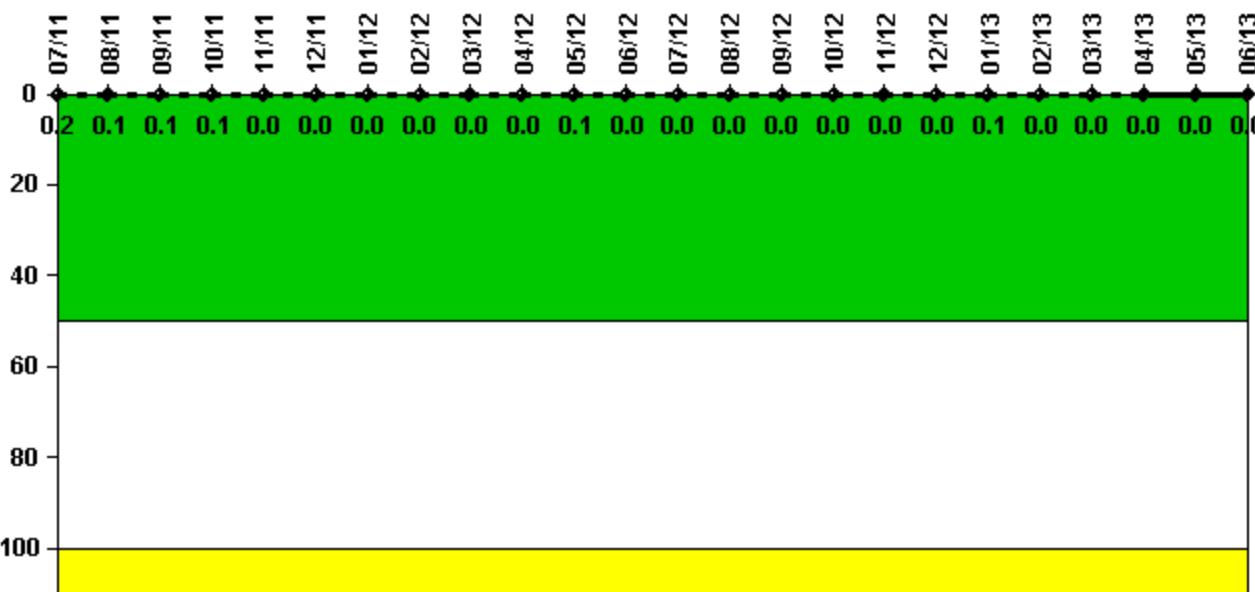
Mitigating Systems Performance Index, Cooling Water Systems	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
UAI (Δ CDF)	4.19E-07	3.94E-07	3.85E-07	3.92E-07	3.97E-07	3.97E-07	2.97E-07	2.98E-07
URI (Δ CDF)	-1.02E-06	-1.02E-06	-1.02E-06	-1.02E-06	-6.16E-07	-6.16E-07	-4.18E-07	-4.18E-07
PLE	NO							
Indicator value	-6.00E-07	-6.20E-07	-6.30E-07	-6.20E-07	-2.20E-07	-2.20E-07	-1.20E-07	-1.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

4Q/12: PRA updates for 2013

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

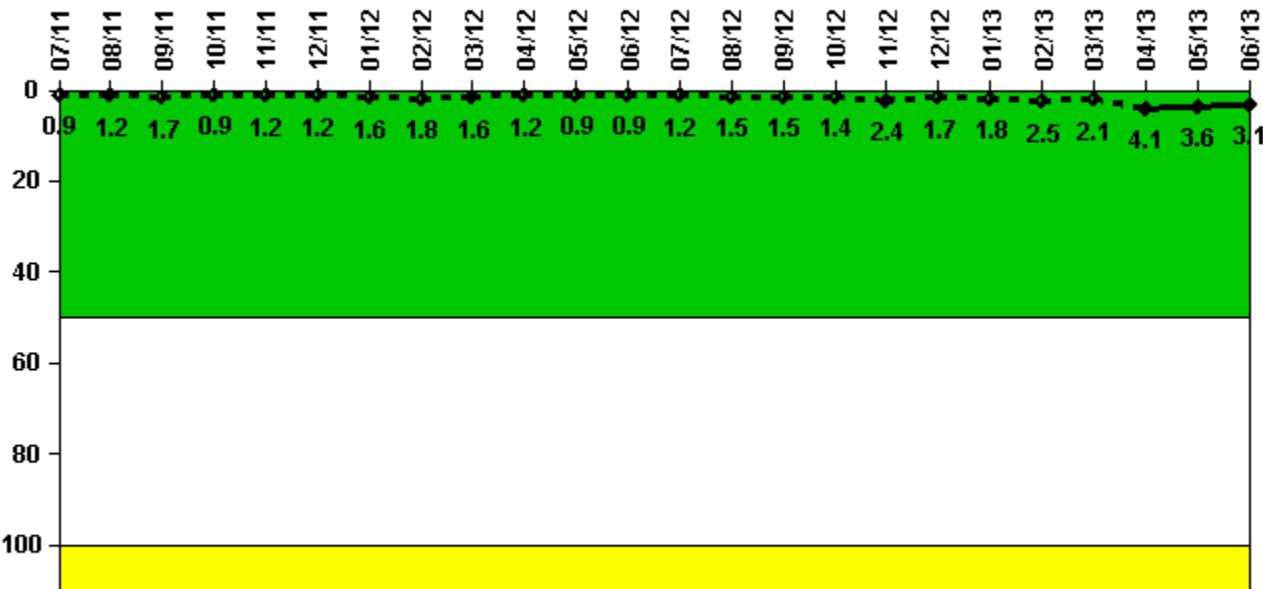
Notes

Reactor Coolant System Activity	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum activity	0.001784	0.000538	0.000556	0.000556	0.000371	0.000305	0.000474	0.000310	0.000320	0.000376	0.001090	0.000325
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.2	0.1	0.1	0.1	0	0	0	0	0	0	0.1	0

Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000371	0.000379	0.000389	0.000235	0.000249	0.000260	0.000684	0.000267	0.000208	0.000097	0.000135	0.000468
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



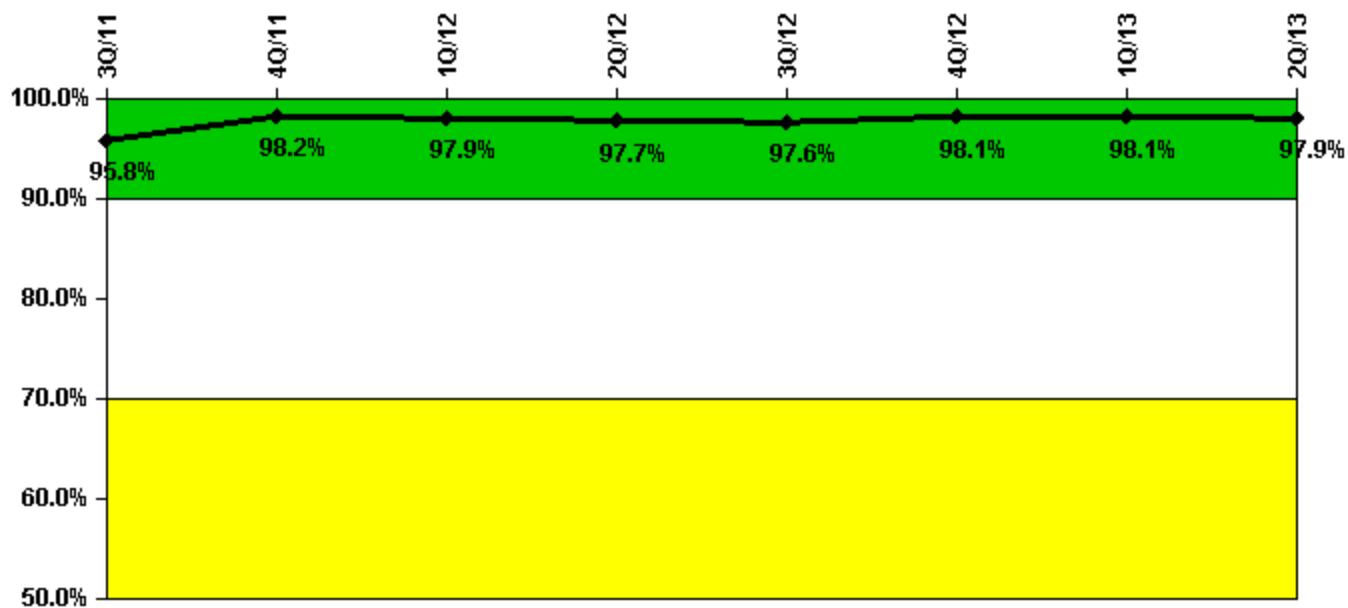
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/11	8/11	9/11	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12
Maximum leakage	0.091	0.116	0.165	0.085	0.120	0.117	0.162	0.184	0.161	0.119	0.085	0.087
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.7	0.9	1.2	1.2	1.6	1.8	1.6	1.2	0.9	0.9
Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.123	0.145	0.148	0.140	0.238	0.170	0.184	0.254	0.211	0.405	0.355	0.314
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.5	1.5	1.4	2.4	1.7	1.8	2.5	2.1	4.1	3.6	3.1

Licensee Comments: none

Drill/Exercise Performance



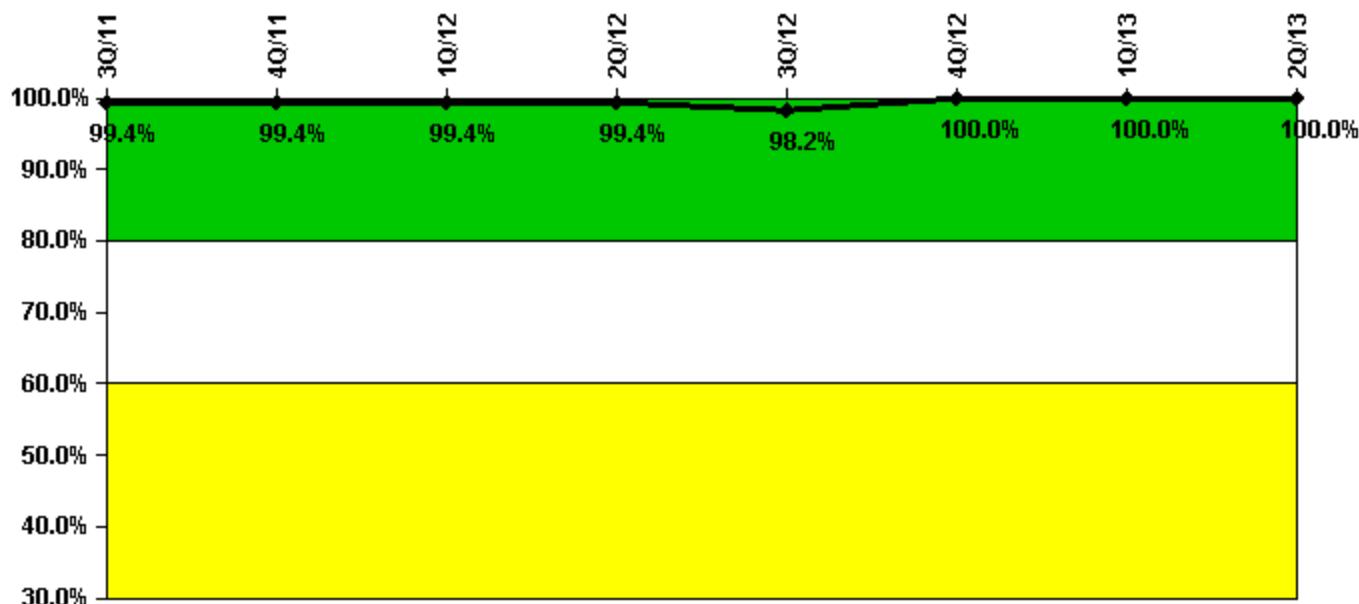
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful opportunities	40.0	64.0	26.0	25.0	12.0	57.0	8.0	44.0
Total opportunities	40.0	65.0	27.0	26.0	12.0	57.0	8.0	47.0
Indicator value	95.8%	98.2%	97.9%	97.7%	97.6%	98.1%	98.1%	97.9%

Licensee Comments: none

ERO Drill Participation



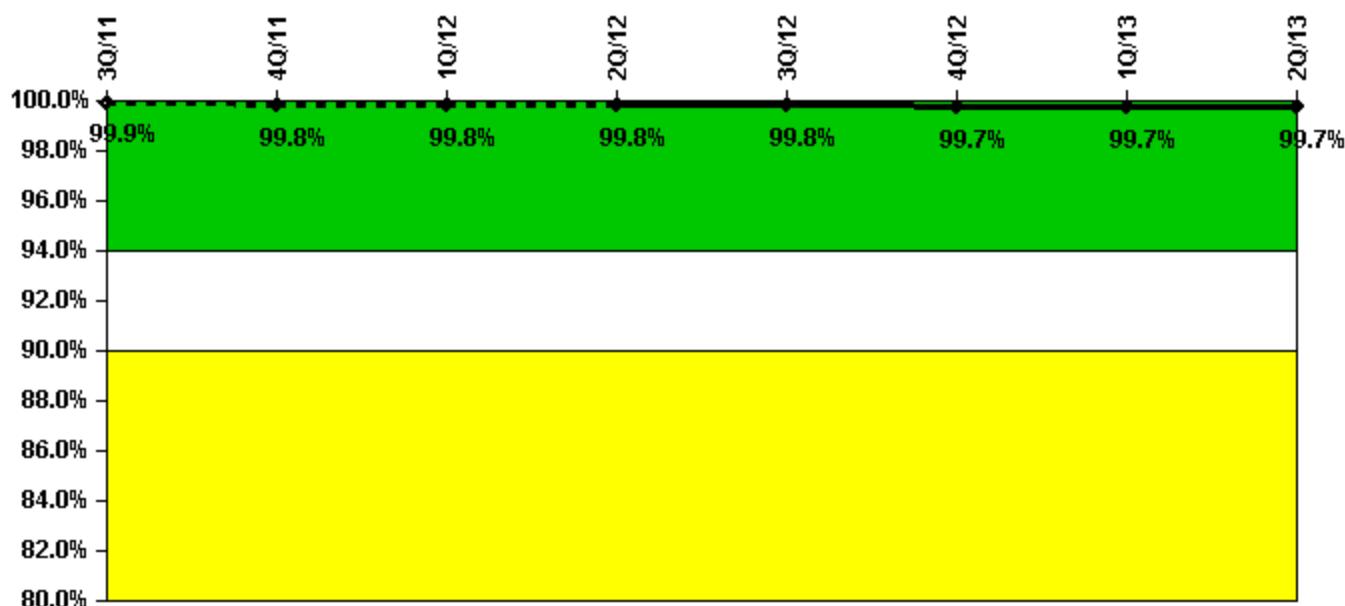
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Participating Key personnel	168.0	173.0	170.0	169.0	168.0	167.0	169.0	172.0
Total Key personnel	169.0	174.0	171.0	170.0	171.0	167.0	169.0	172.0
Indicator value	99.4%	99.4%	99.4%	99.4%	98.2%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



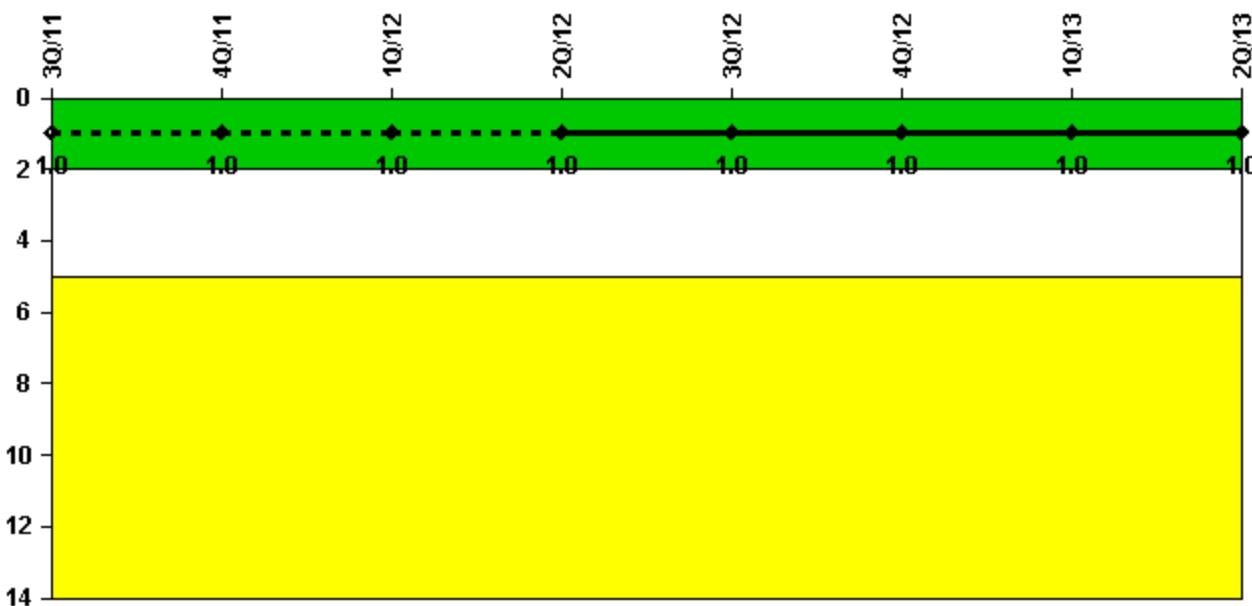
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
Successful siren-tests	1808	1805	1803	1780	1807	1801	1801	1807
Total sirens-tests	1809	1809	1809	1786	1809	1809	1809	1809
Indicator value	99.9%	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



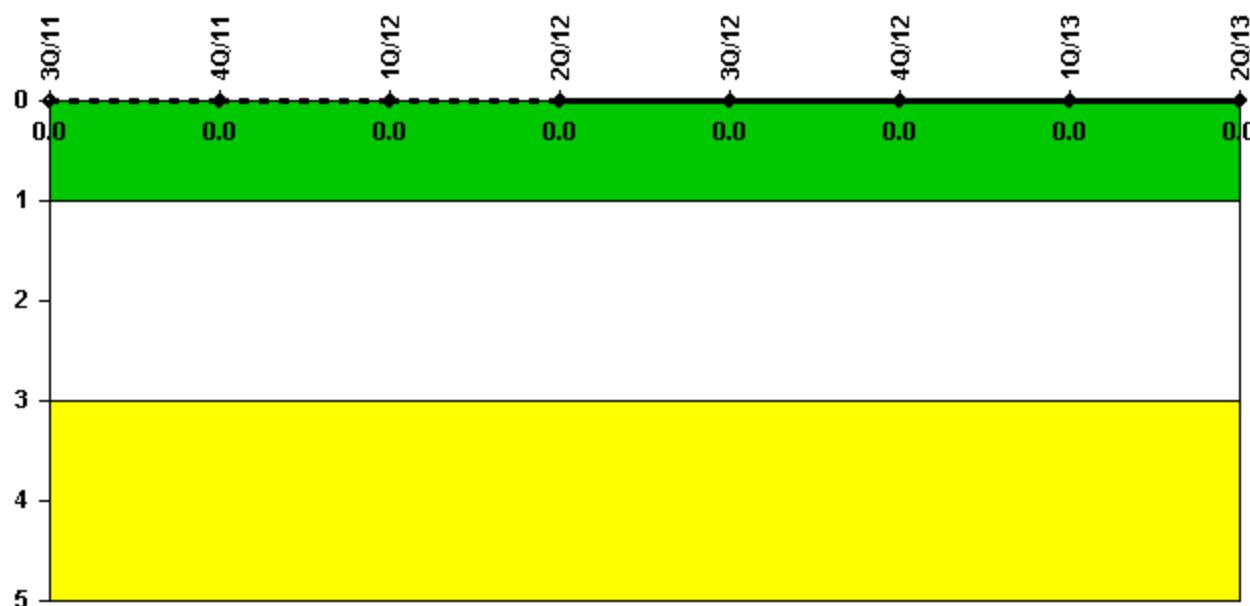
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
High radiation area occurrences	1	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	1	0	0	0
Indicator value	1							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/11	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 19, 2013

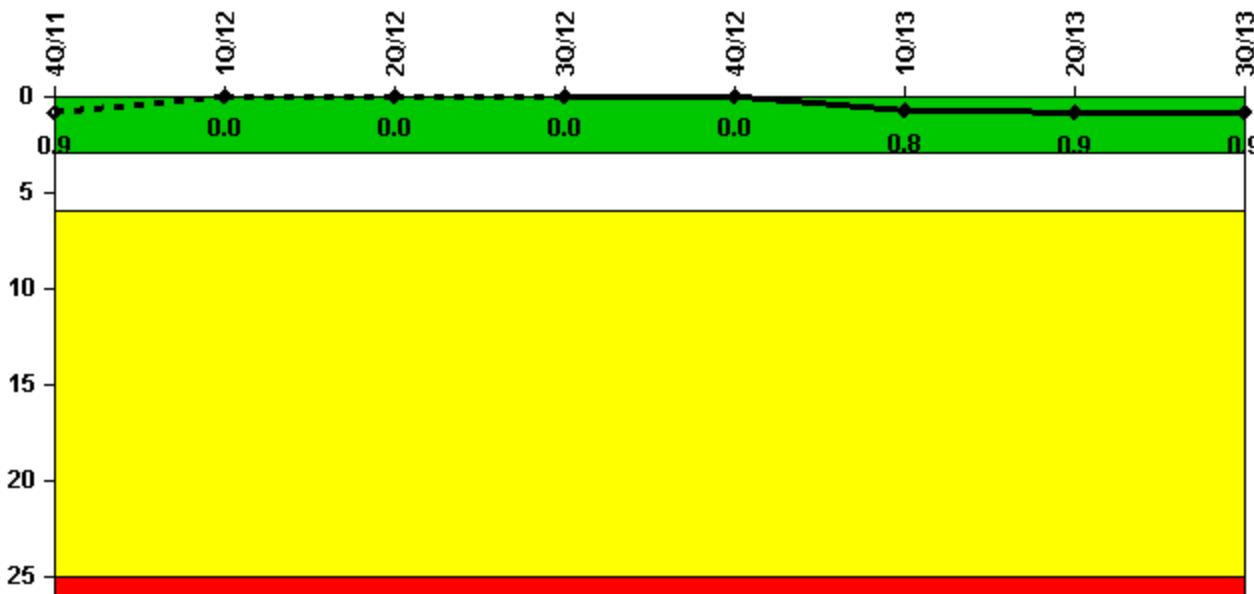
McGuire 1

3Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



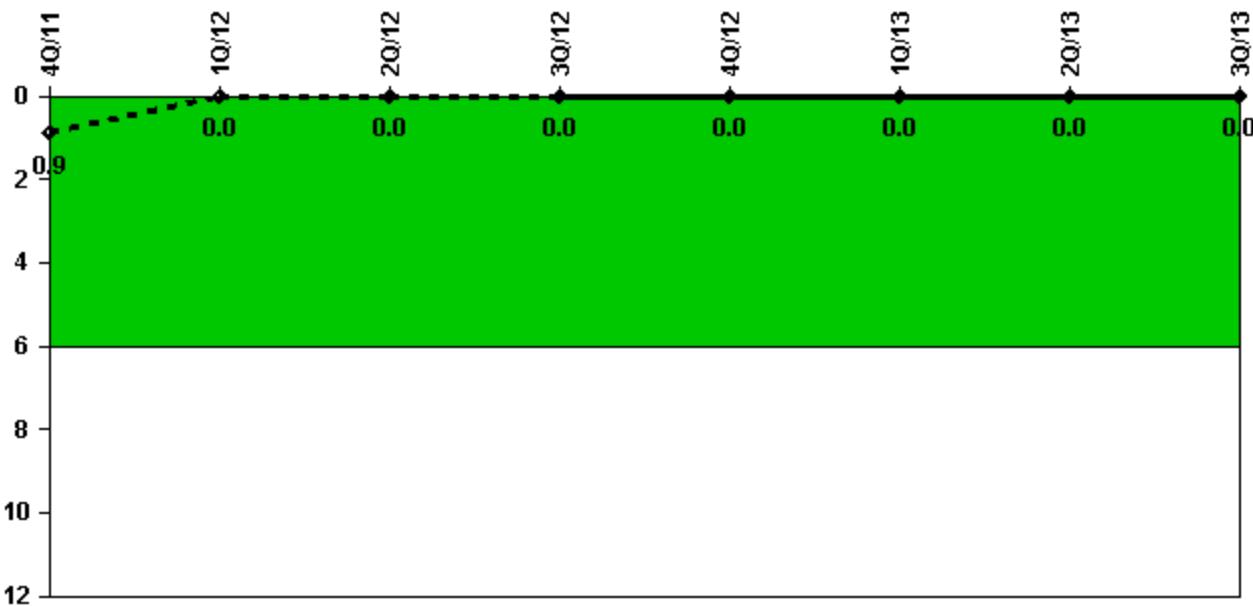
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned scrams	0	0	0	0	0	1.0	0	0
Critical hours	1881.8	2183.0	2184.0	2208.0	2209.0	1719.4	1688.1	2208.0
Indicator value	0.9	0	0	0	0	0.8	0.9	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



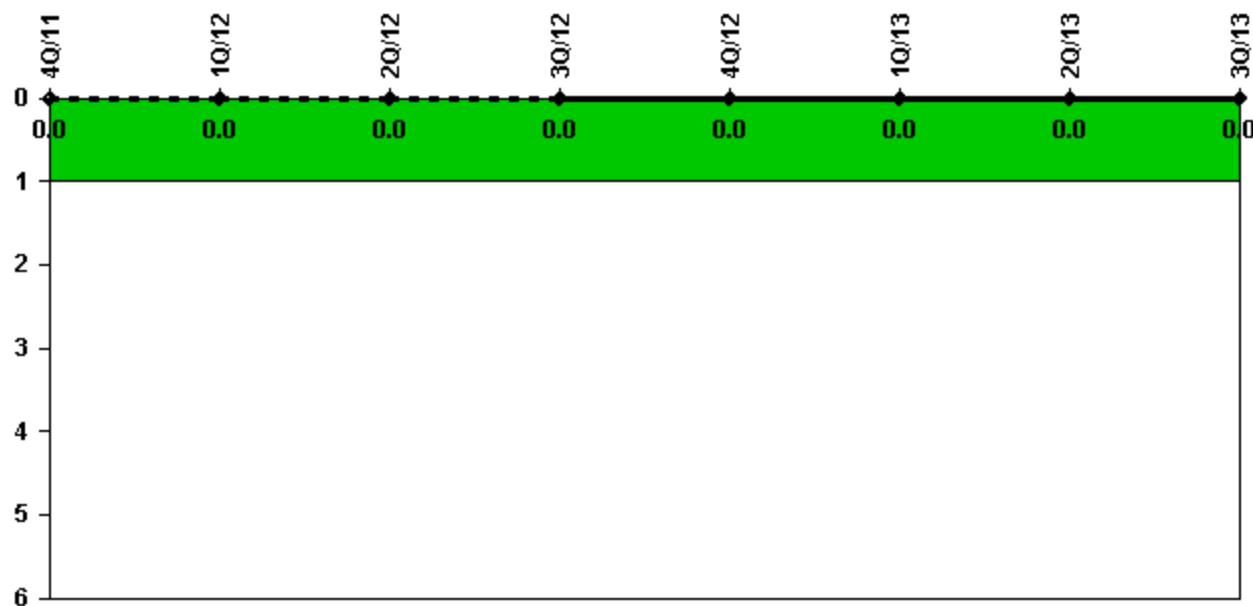
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1881.8	2183.0	2184.0	2208.0	2209.0	1719.4	1688.1	2208.0
Indicator value	0.9	0						

Licensee Comments: none

Unplanned Scrams with Complications



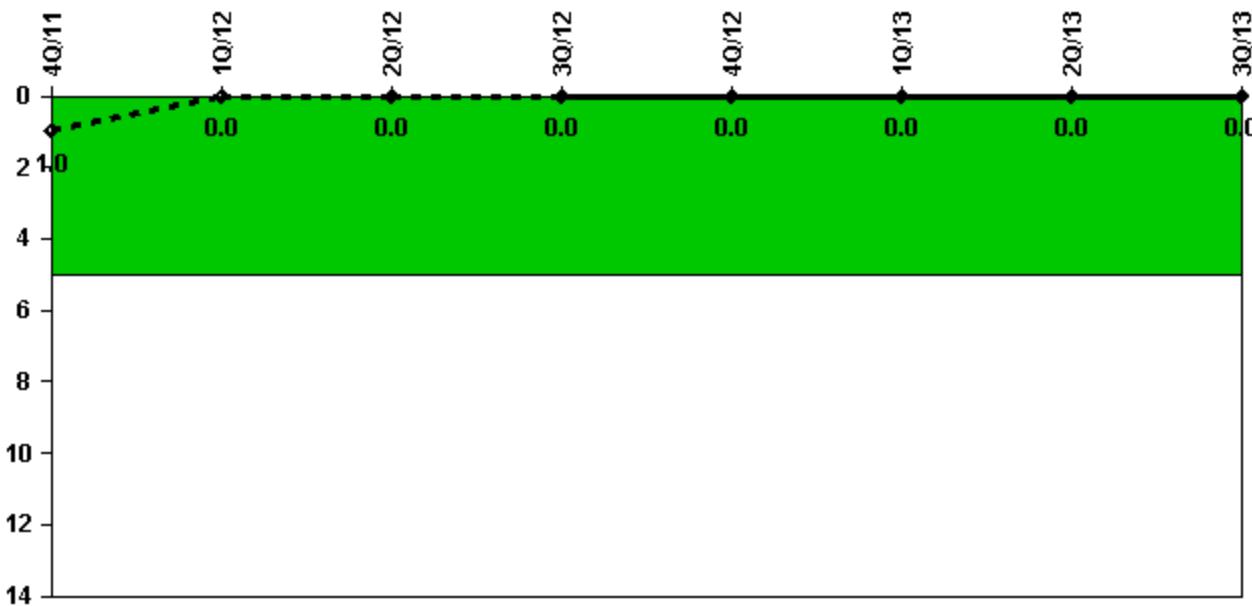
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



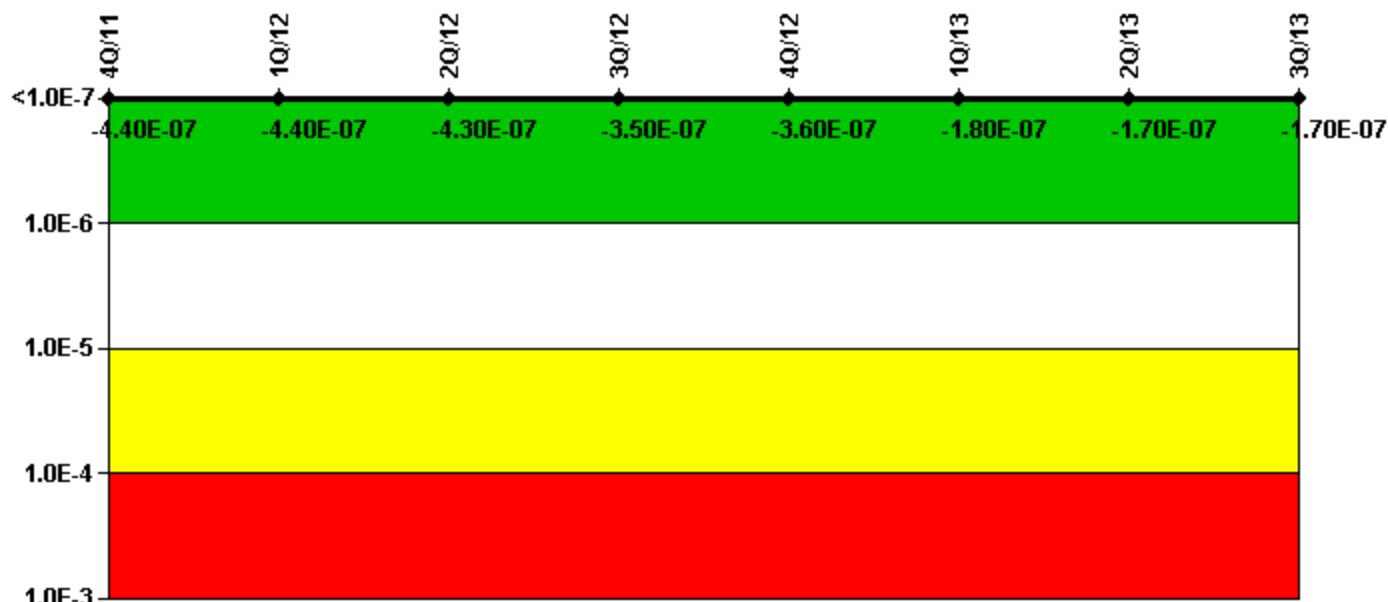
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	1	0						

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

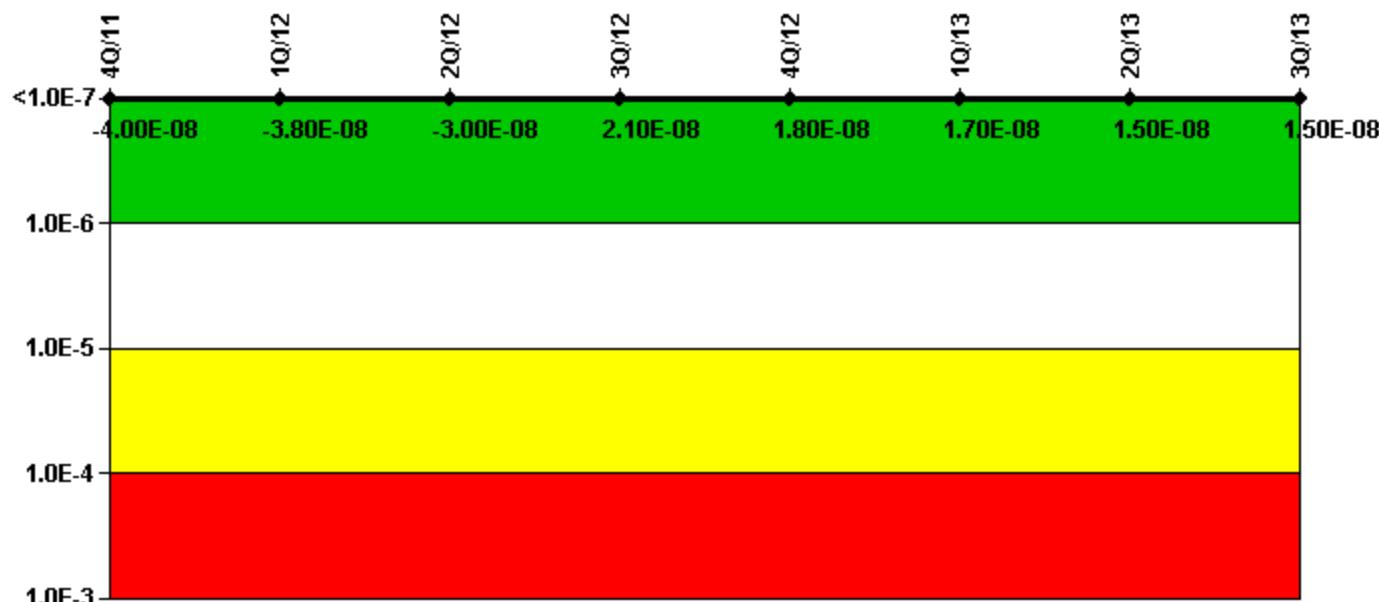
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	6.97E-09	9.26E-09	1.97E-08	4.58E-08	3.02E-08	1.13E-08	1.83E-08	2.26E-08
URI (Δ CDF)	-4.47E-07	-4.47E-07	-4.47E-07	-3.94E-07	-3.94E-07	-1.89E-07	-1.89E-07	-1.89E-07
PLE	NO							
Indicator value	-4.40E-07	-4.40E-07	-4.30E-07	-3.50E-07	-3.60E-07	-1.80E-07	-1.70E-07	-1.70E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

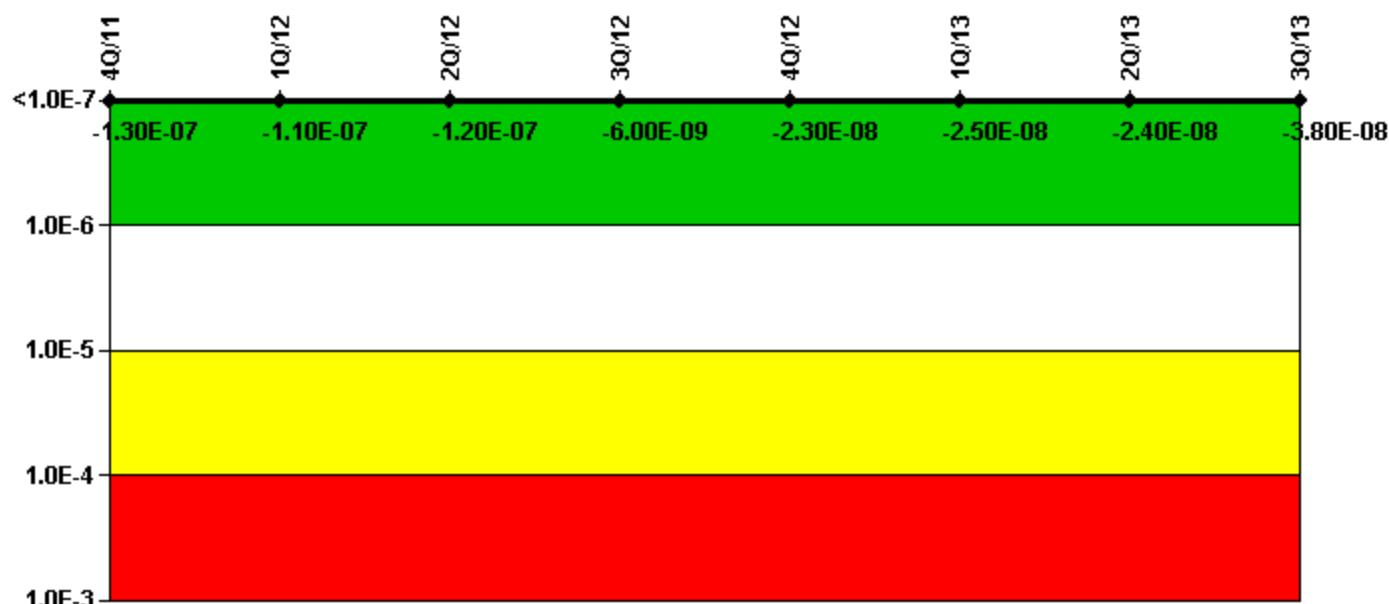
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	8.92E-09	1.10E-08	1.94E-08	3.58E-08	3.25E-08	2.82E-08	2.67E-08	2.65E-08
URI (Δ CDF)	-4.91E-08	-4.91E-08	-4.91E-08	-1.50E-08	-1.50E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-4.00E-08	-3.80E-08	-3.00E-08	2.10E-08	1.80E-08	1.70E-08	1.50E-08	1.50E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

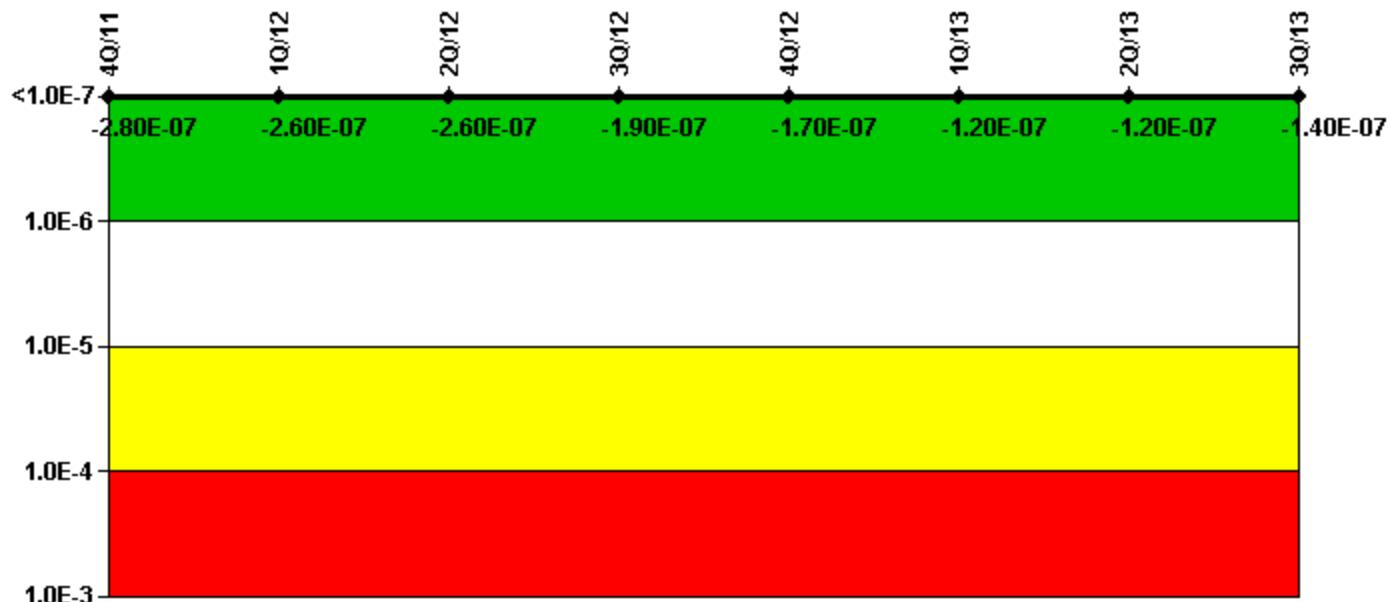
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	3.34E-08	5.92E-08	4.76E-08	1.88E-07	1.71E-07	1.14E-07	1.15E-07	1.01E-07
URI (Δ CDF)	-1.67E-07	-1.67E-07	-1.67E-07	-1.94E-07	-1.94E-07	-1.39E-07	-1.39E-07	-1.39E-07
PLE	NO							
Indicator value	-1.30E-07	-1.10E-07	-1.20E-07	-6.00E-09	-2.30E-08	-2.50E-08	-2.40E-08	-3.80E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

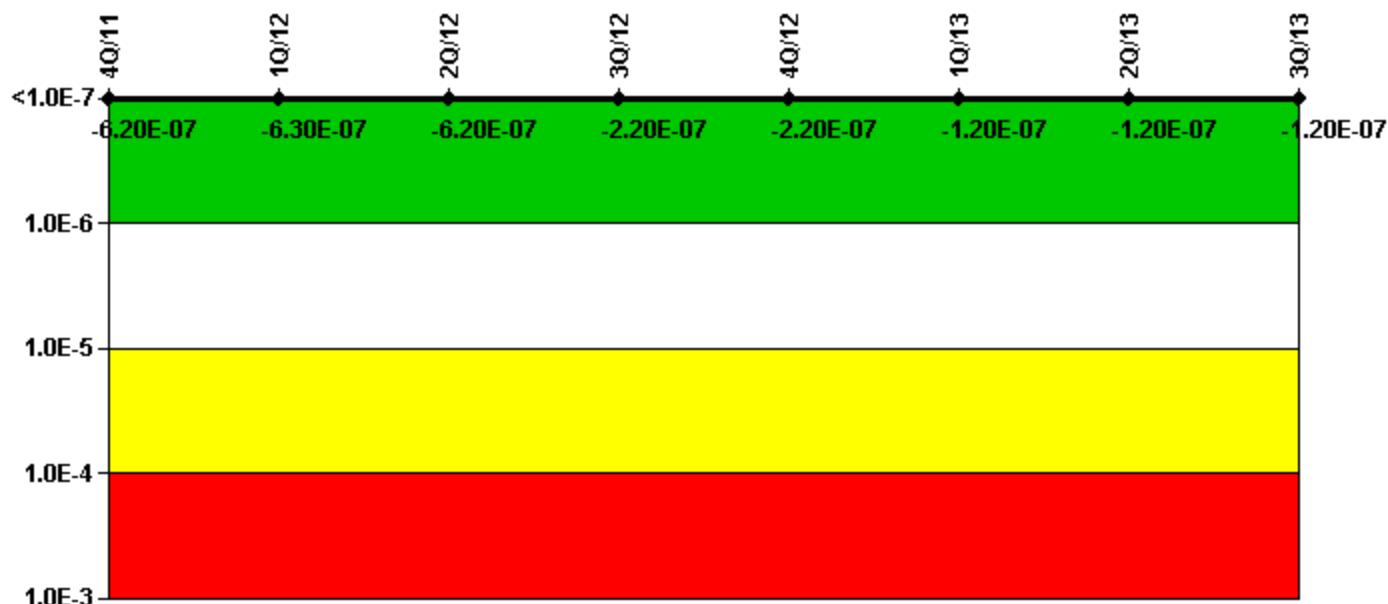
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	-3.11E-08	-1.32E-08	-1.70E-08	-3.35E-08	-1.56E-08	1.49E-08	1.55E-08	-5.92E-09
URI (Δ CDF)	-2.47E-07	-2.47E-07	-2.47E-07	-1.56E-07	-1.56E-07	-1.35E-07	-1.35E-07	-1.35E-07
PLE	NO							
Indicator value	-2.80E-07	-2.60E-07	-2.60E-07	-1.90E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.40E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

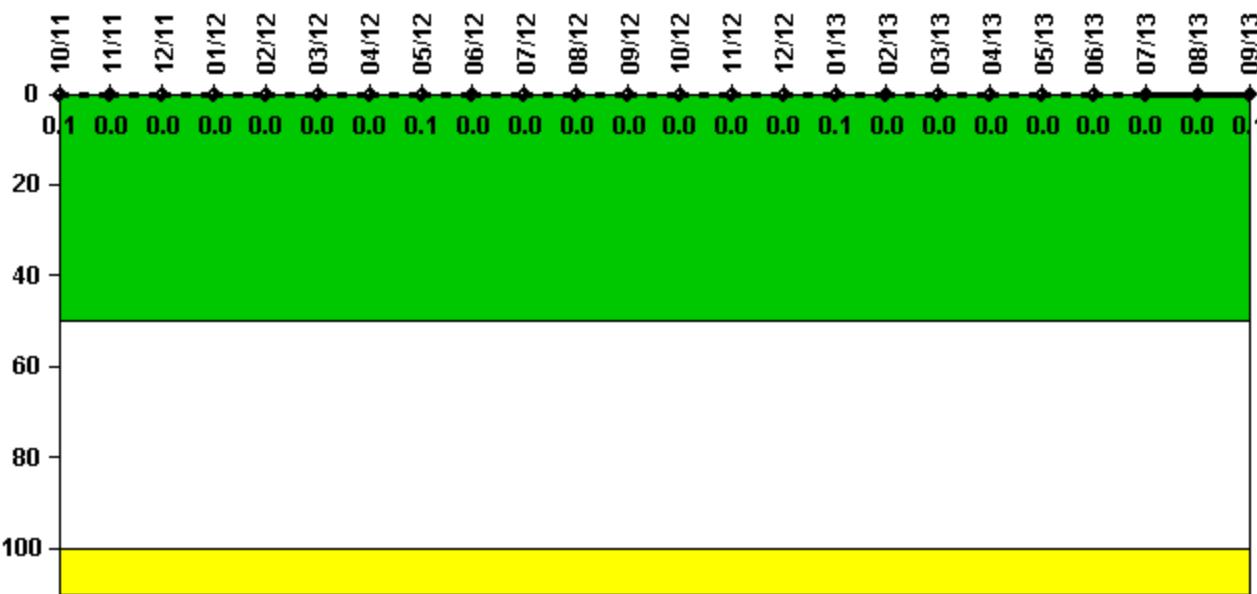
Mitigating Systems Performance Index, Cooling Water Systems	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
UAI (Δ CDF)	3.94E-07	3.85E-07	3.92E-07	3.97E-07	3.97E-07	2.97E-07	2.98E-07	2.98E-07
URI (Δ CDF)	-1.02E-06	-1.02E-06	-1.02E-06	-6.16E-07	-6.16E-07	-4.18E-07	-4.18E-07	-4.18E-07
PLE	NO							
Indicator value	-6.20E-07	-6.30E-07	-6.20E-07	-2.20E-07	-2.20E-07	-1.20E-07	-1.20E-07	-1.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

4Q/12: PRA updates for 2013

Reactor Coolant System Activity



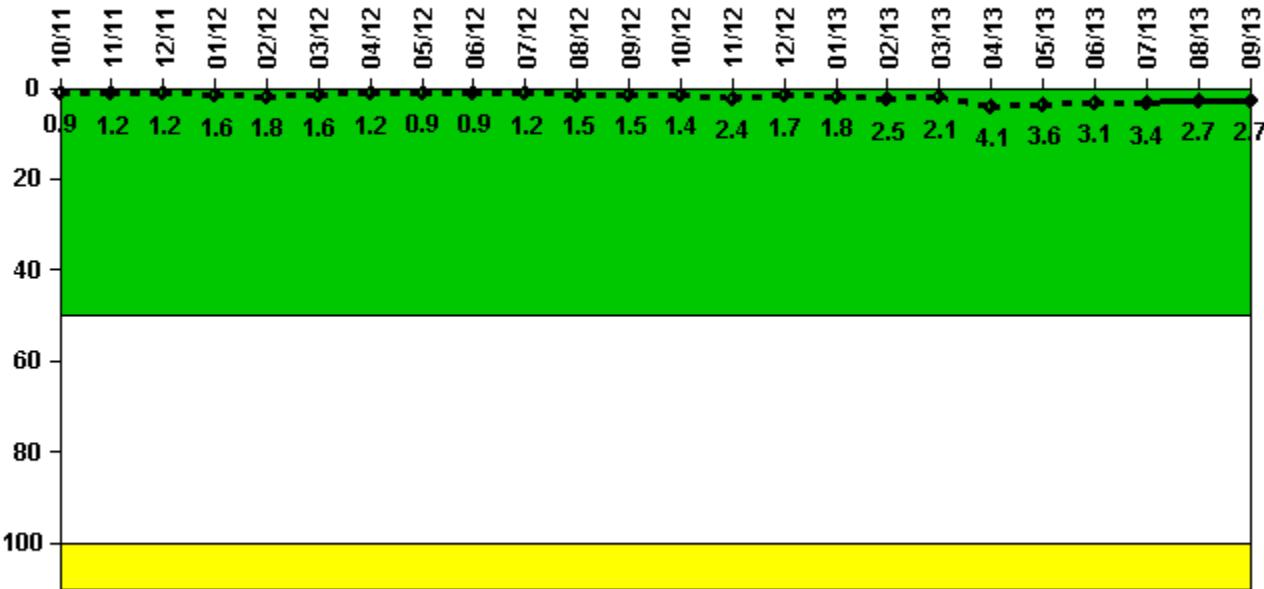
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum activity	0.000556	0.000371	0.000305	0.000474	0.000310	0.000320	0.000376	0.001090	0.000325	0.000371	0.000379	0.000389
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0.1	0	0	0	0
Reactor Coolant System Activity	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum activity	0.000235	0.000249	0.000260	0.000684	0.000267	0.000208	0.000097	0.000135	0.000468	0.000143	0.000362	0.000758
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0.1	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage

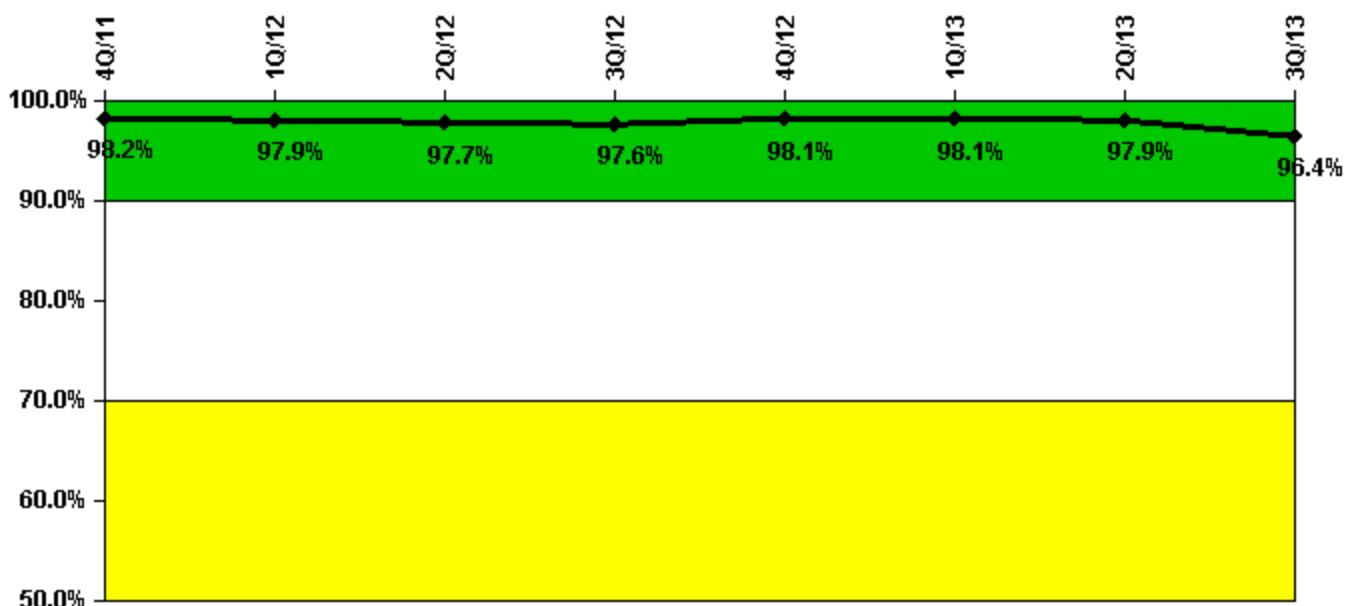


Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/11	11/11	12/11	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12
Maximum leakage	0.085	0.120	0.117	0.162	0.184	0.161	0.119	0.085	0.087	0.123	0.145	0.148
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	1.2	1.2	1.6	1.8	1.6	1.2	0.9	0.9	1.2	1.5	1.5
Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	0.140	0.238	0.170	0.184	0.254	0.211	0.405	0.355	0.314	0.340	0.269	0.271
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.4	2.4	1.7	1.8	2.5	2.1	4.1	3.6	3.1	3.4	2.7	2.7

Licensee Comments: none

Drill/Exercise Performance

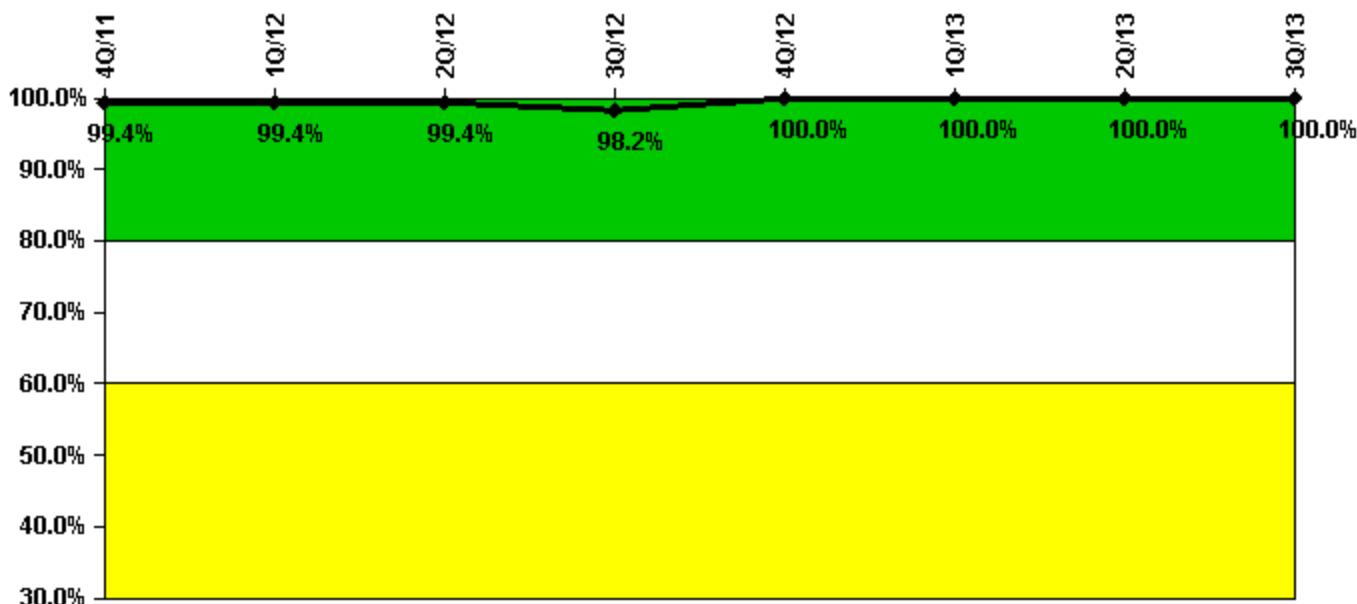
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful opportunities	64.0	26.0	25.0	12.0	57.0	8.0	44.0	33.0
Total opportunities	65.0	27.0	26.0	12.0	57.0	8.0	47.0	37.0
Indicator value	98.2%	97.9%	97.7%	97.6%	98.1%	98.1%	97.9%	96.4%

Licensee Comments: none

ERO Drill Participation



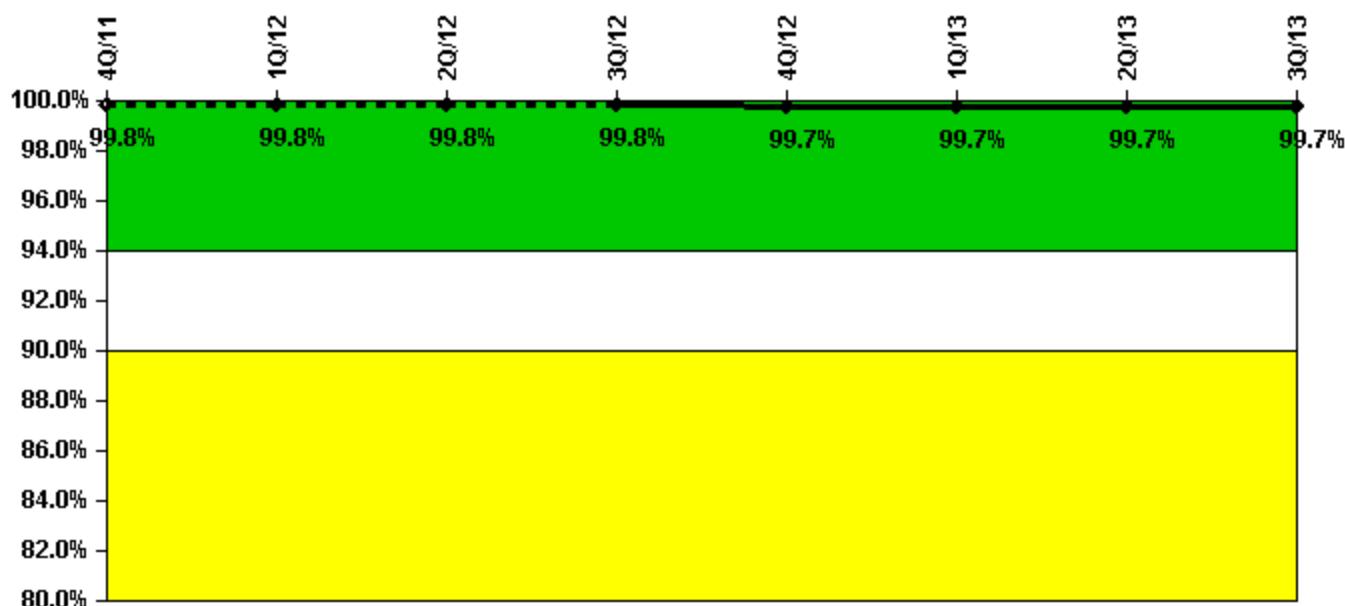
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Participating Key personnel	173.0	170.0	169.0	168.0	167.0	169.0	172.0	173.0
Total Key personnel	174.0	171.0	170.0	171.0	167.0	169.0	172.0	173.0
Indicator value	99.4%	99.4%	99.4%	98.2%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



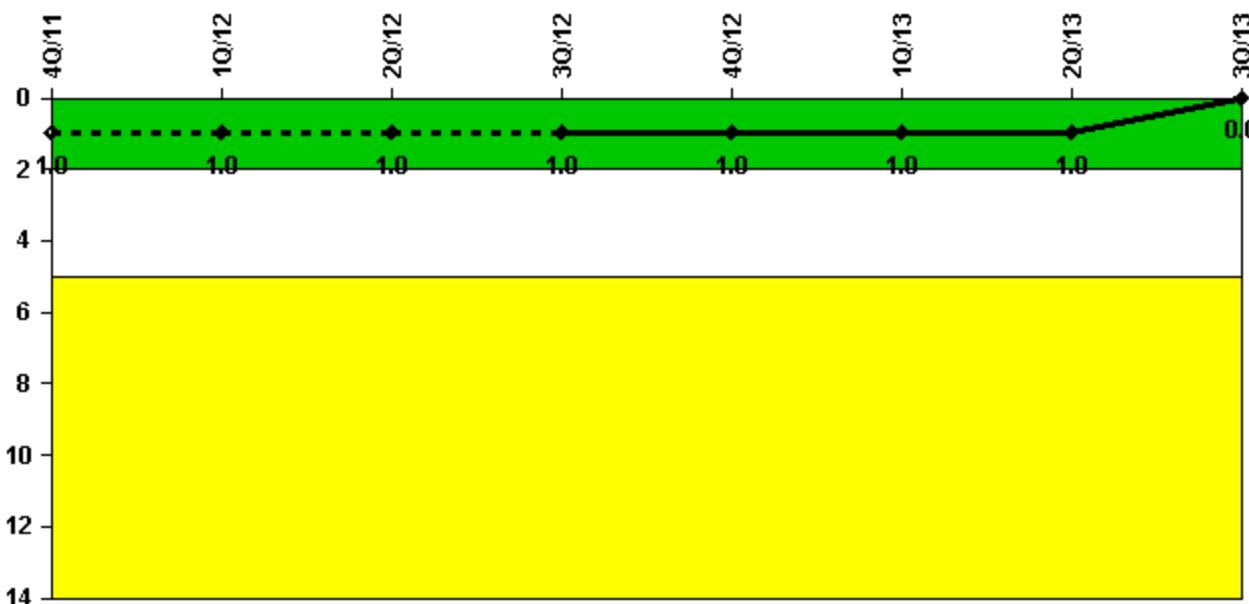
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
Successful siren-tests	1805	1803	1780	1807	1801	1801	1807	1807
Total sirens-tests	1809	1809	1786	1809	1809	1809	1809	1809
Indicator value	99.8%	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%

Licensee Comments: none

Occupational Exposure Control Effectiveness



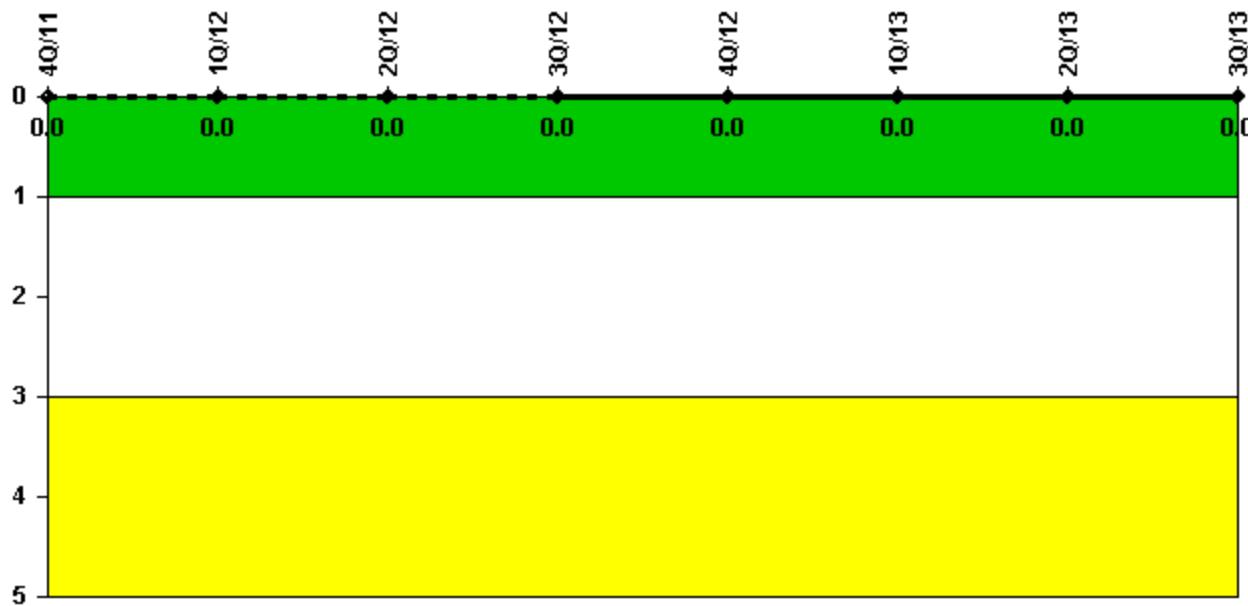
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	1	0	0	0	0
Indicator value	1	0						

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/11	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 22, 2013

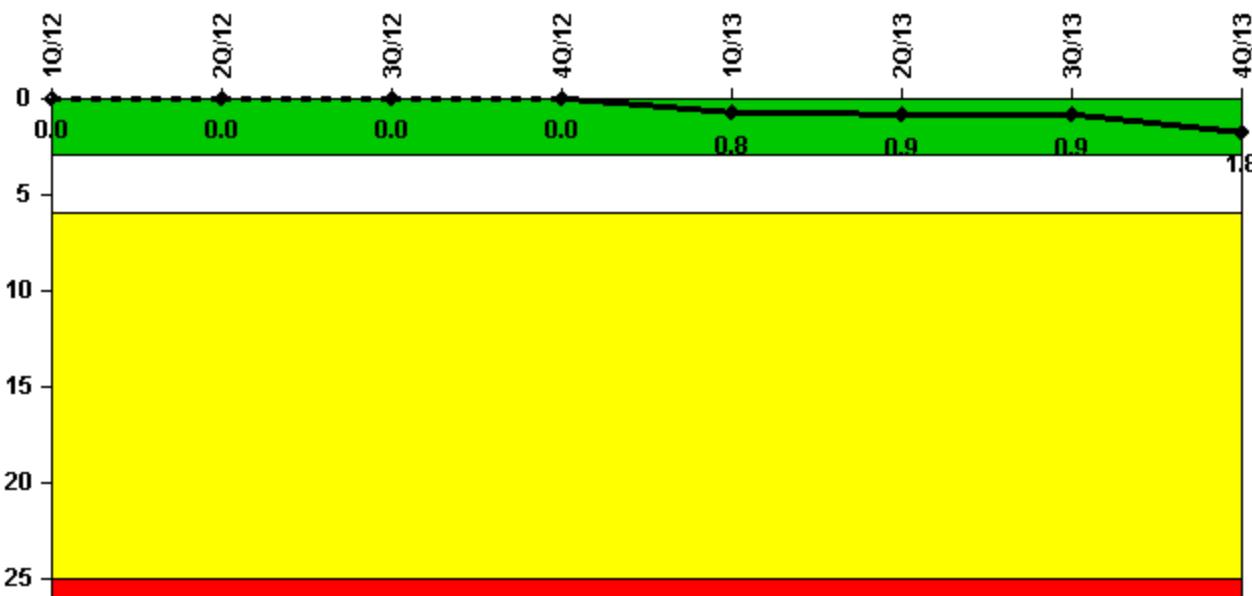
McGuire 1

4Q/2013 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 4th Quarter 2013, PI Data

Unplanned Scrams per 7000 Critical Hrs



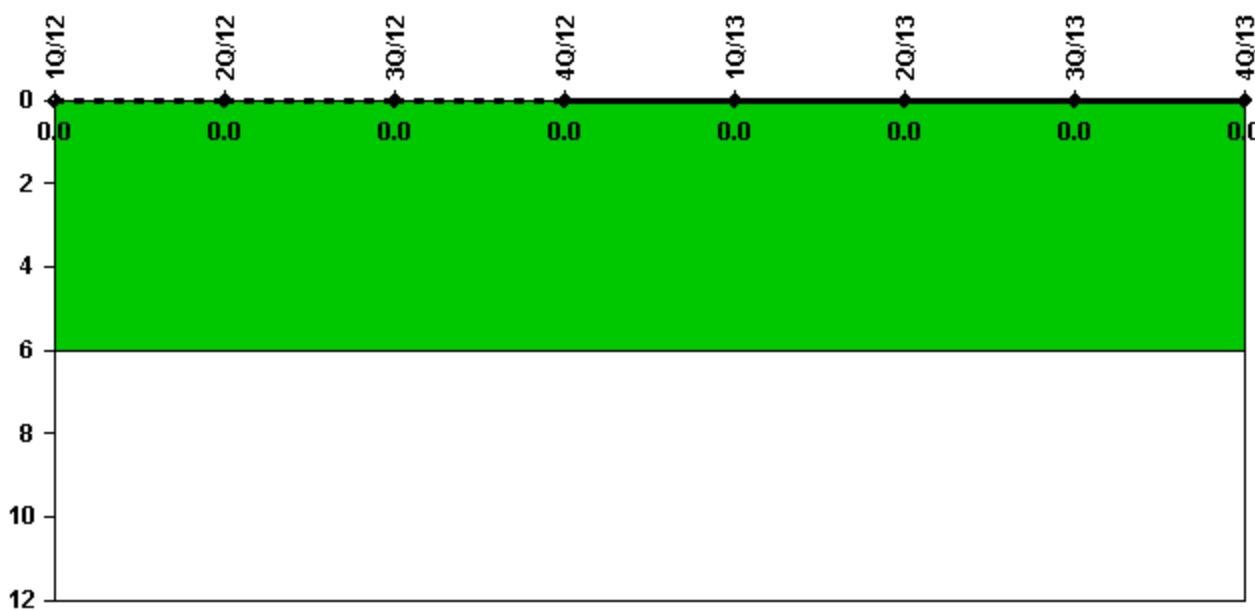
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned scrams	0	0	0	0	1.0	0	0	1.0
Critical hours	2183.0	2184.0	2208.0	2209.0	1719.4	1688.1	2208.0	2170.6
Indicator value	0	0	0	0	0.8	0.9	0.9	1.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



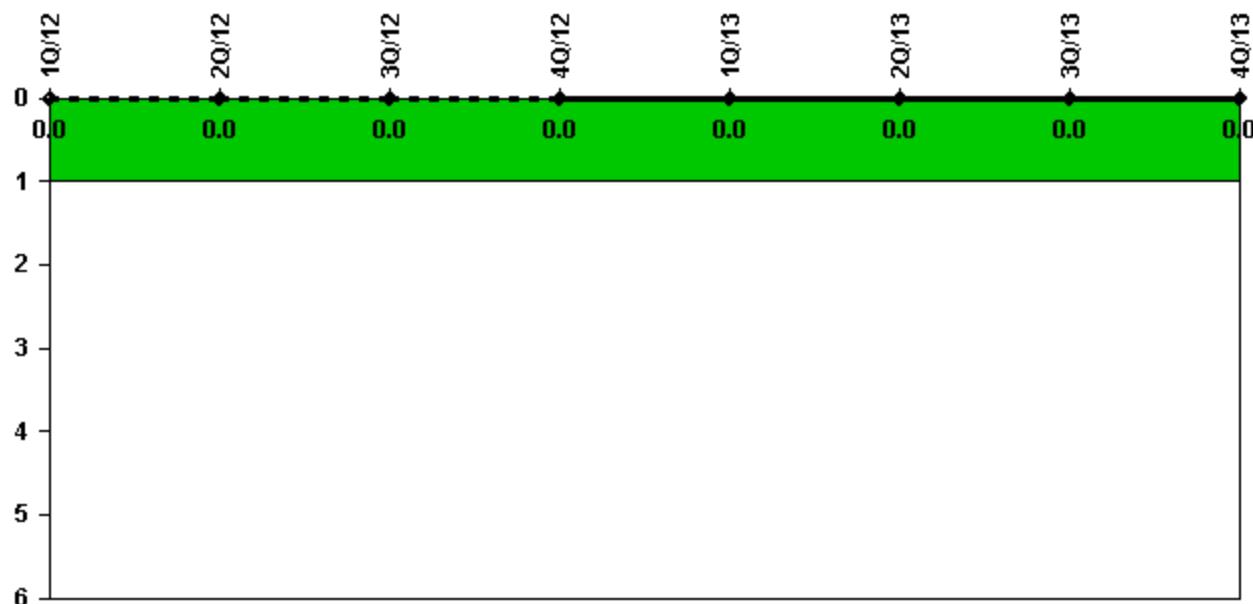
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2183.0	2184.0	2208.0	2209.0	1719.4	1688.1	2208.0	2170.6
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



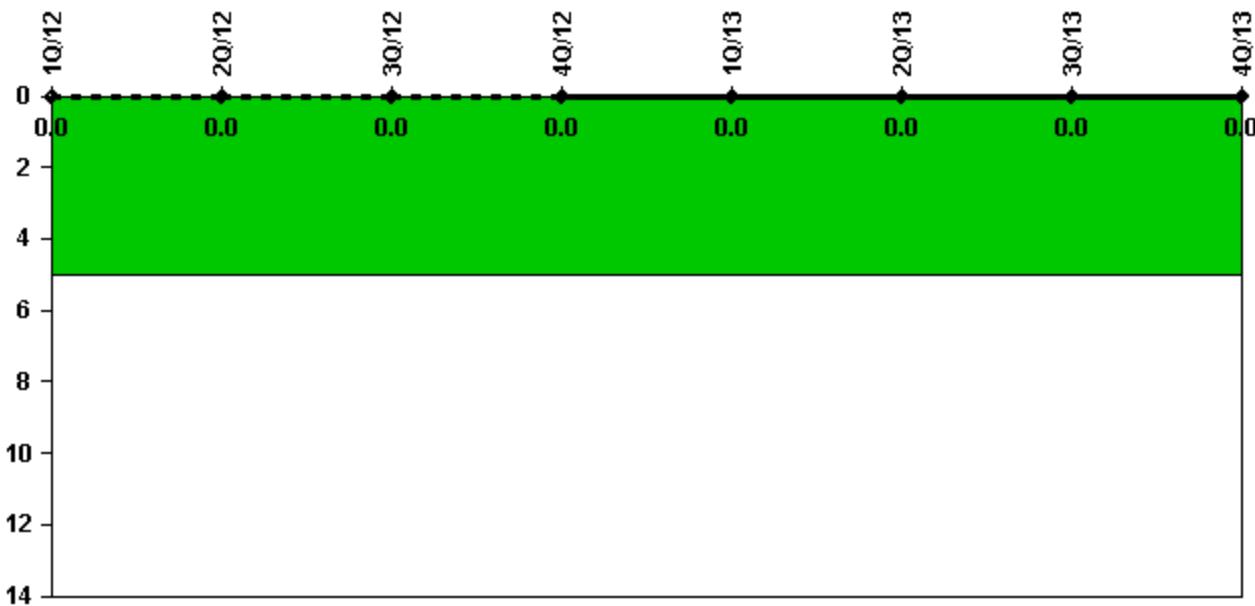
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



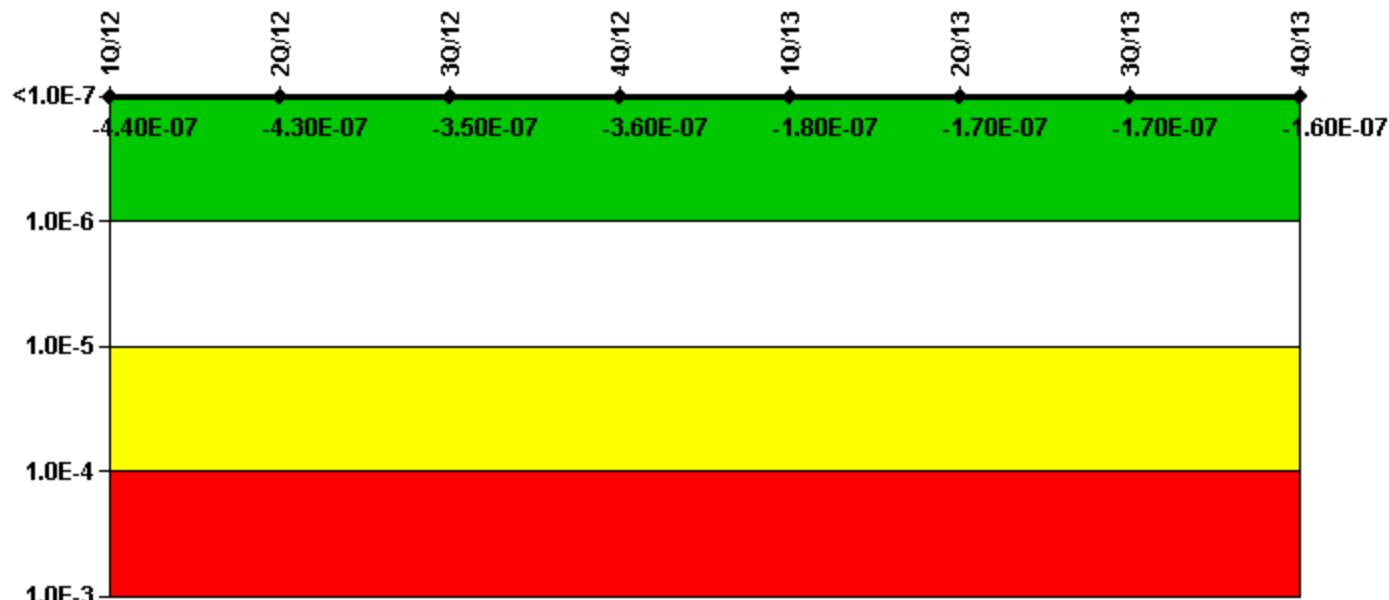
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

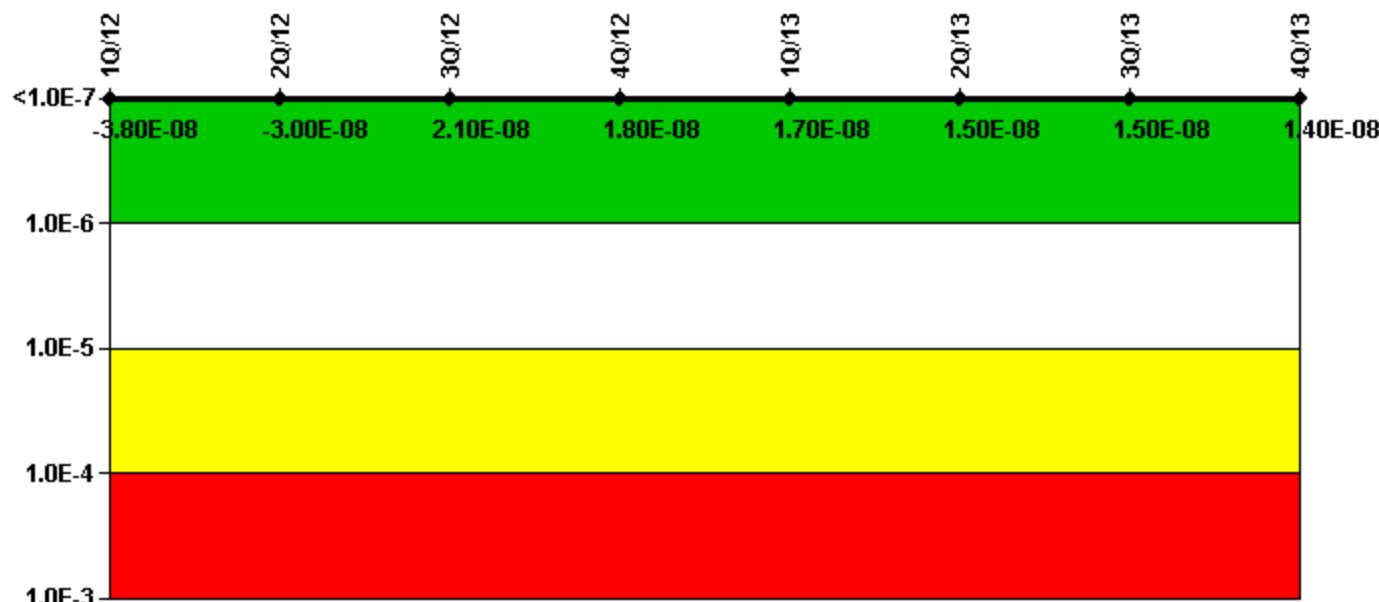
Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	9.26E-09	1.97E-08	4.58E-08	3.02E-08	1.13E-08	1.83E-08	2.26E-08	2.50E-08
URI (Δ CDF)	-4.47E-07	-4.47E-07	-3.94E-07	-3.94E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07
PLE	NO							
Indicator value	-4.40E-07	-4.30E-07	-3.50E-07	-3.60E-07	-1.80E-07	-1.70E-07	-1.70E-07	-1.60E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

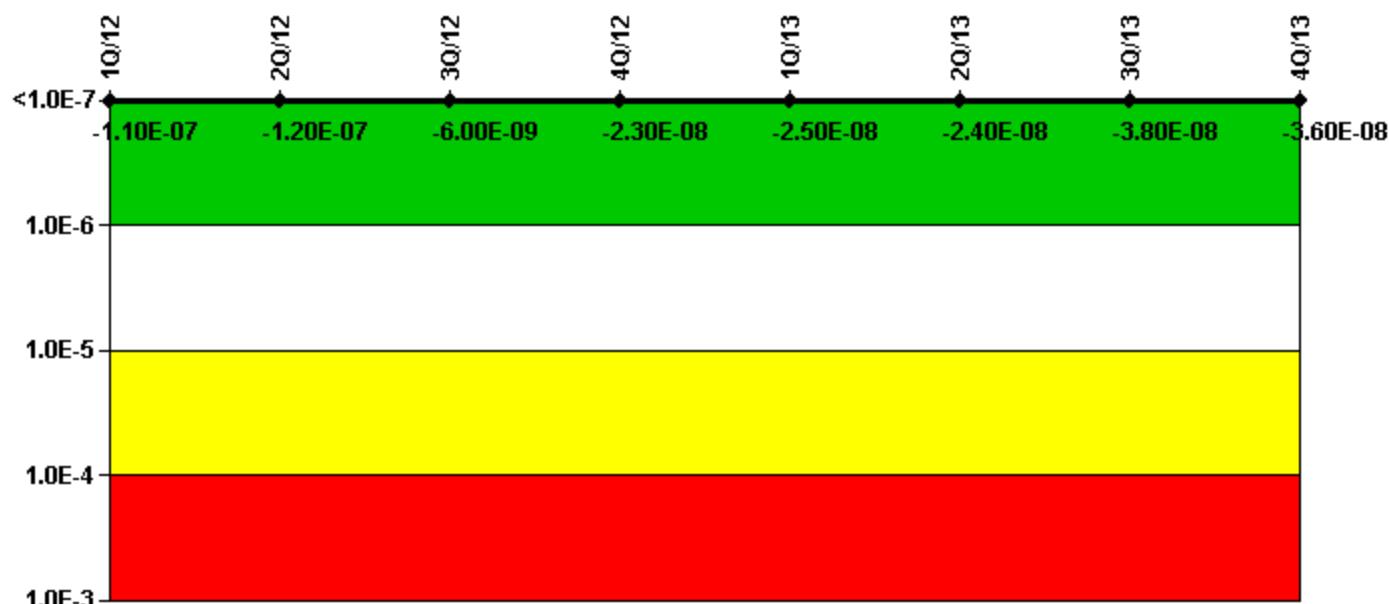
Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	1.10E-08	1.94E-08	3.58E-08	3.25E-08	2.82E-08	2.67E-08	2.65E-08	2.52E-08
URI (Δ CDF)	-4.91E-08	-4.91E-08	-1.50E-08	-1.50E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.80E-08	-3.00E-08	2.10E-08	1.80E-08	1.70E-08	1.50E-08	1.50E-08	1.40E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

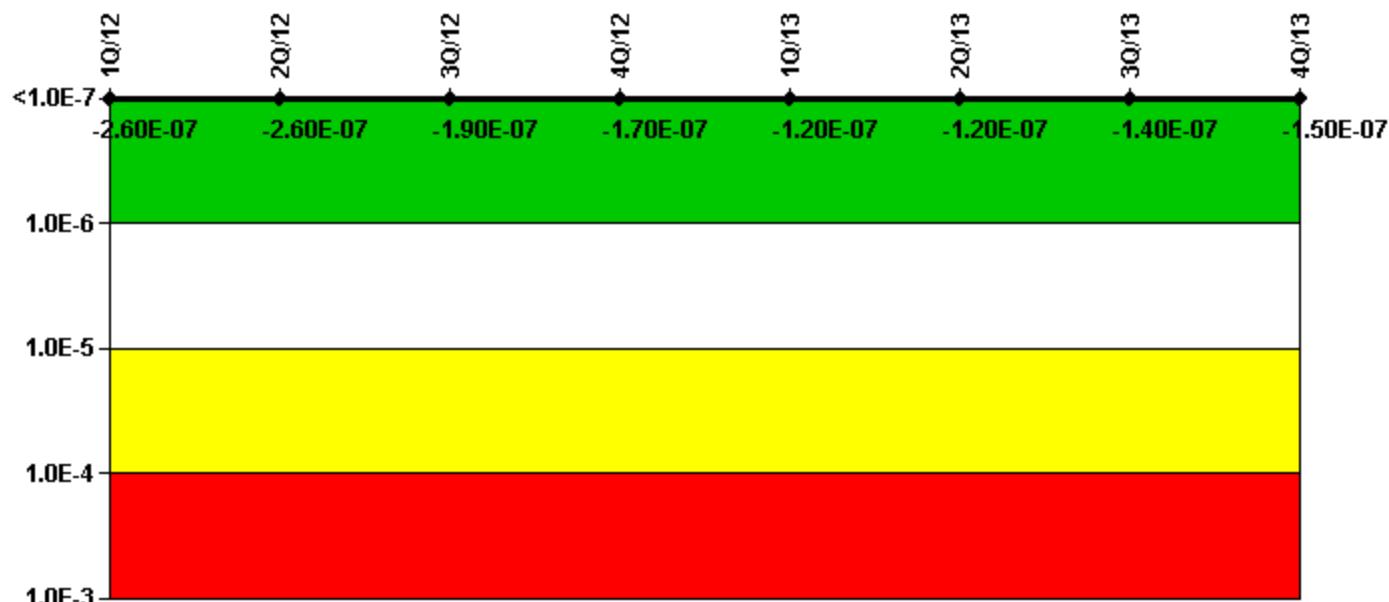
Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	5.92E-08	4.76E-08	1.88E-07	1.71E-07	1.14E-07	1.15E-07	1.01E-07	1.03E-07
URI (Δ CDF)	-1.67E-07	-1.67E-07	-1.94E-07	-1.94E-07	-1.39E-07	-1.39E-07	-1.39E-07	-1.39E-07
PLE	NO							
Indicator value	-1.10E-07	-1.20E-07	-6.00E-09	-2.30E-08	-2.50E-08	-2.40E-08	-3.80E-08	-3.60E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

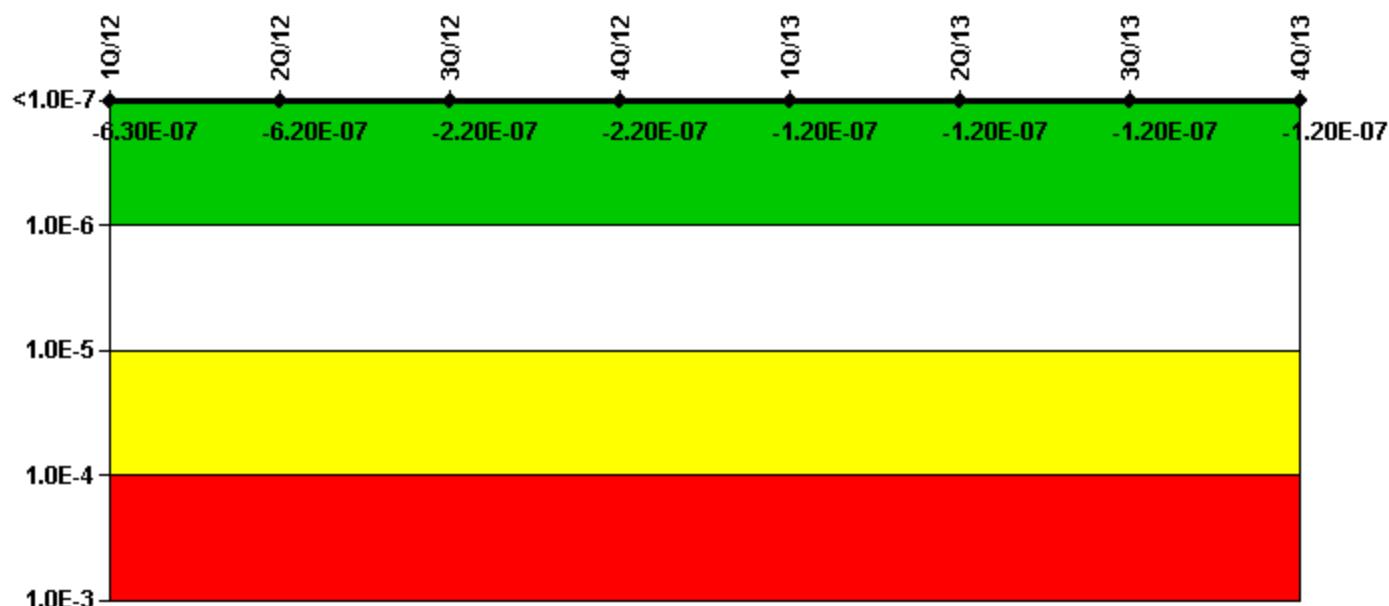
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	-1.32E-08	-1.70E-08	-3.35E-08	-1.56E-08	1.49E-08	1.55E-08	-5.92E-09	-1.45E-08
URI (Δ CDF)	-2.47E-07	-2.47E-07	-1.56E-07	-1.56E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07
PLE	NO							
Indicator value	-2.60E-07	-2.60E-07	-1.90E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.40E-07	-1.50E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

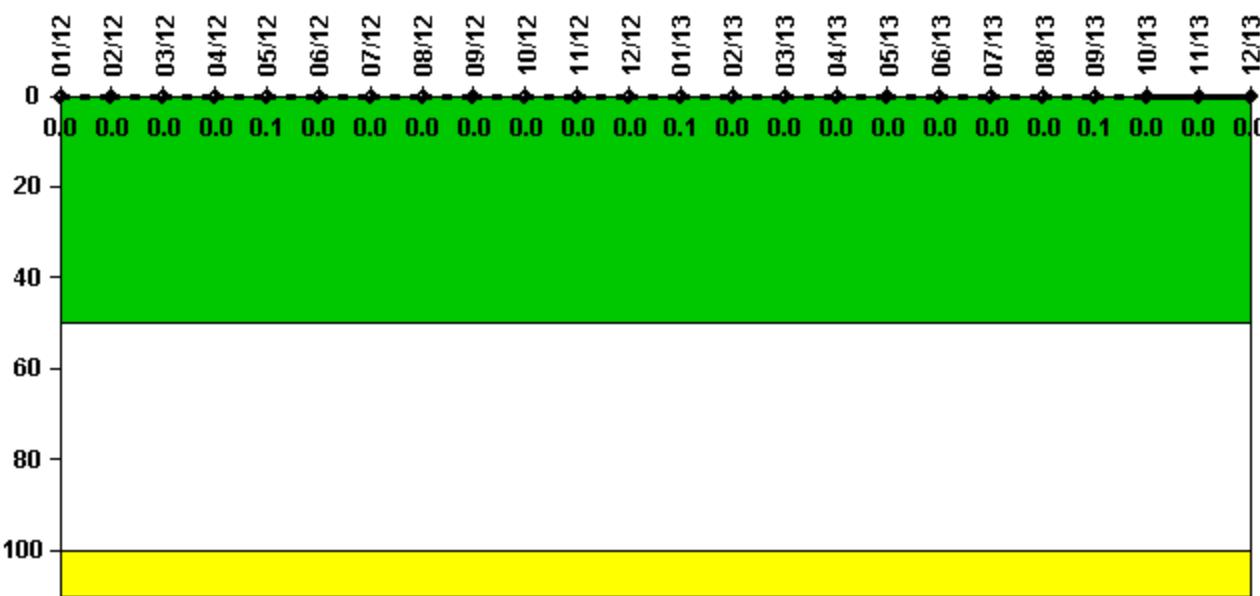
Mitigating Systems Performance Index, Cooling Water Systems	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
UAI (Δ CDF)	3.85E-07	3.92E-07	3.97E-07	3.97E-07	2.97E-07	2.98E-07	2.98E-07	2.98E-07
URI (Δ CDF)	-1.02E-06	-1.02E-06	-6.16E-07	-6.16E-07	-4.18E-07	-4.18E-07	-4.18E-07	-4.18E-07
PLE	NO							
Indicator value	-6.30E-07	-6.20E-07	-2.20E-07	-2.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

4Q/12: PRA updates for 2013

Reactor Coolant System Activity



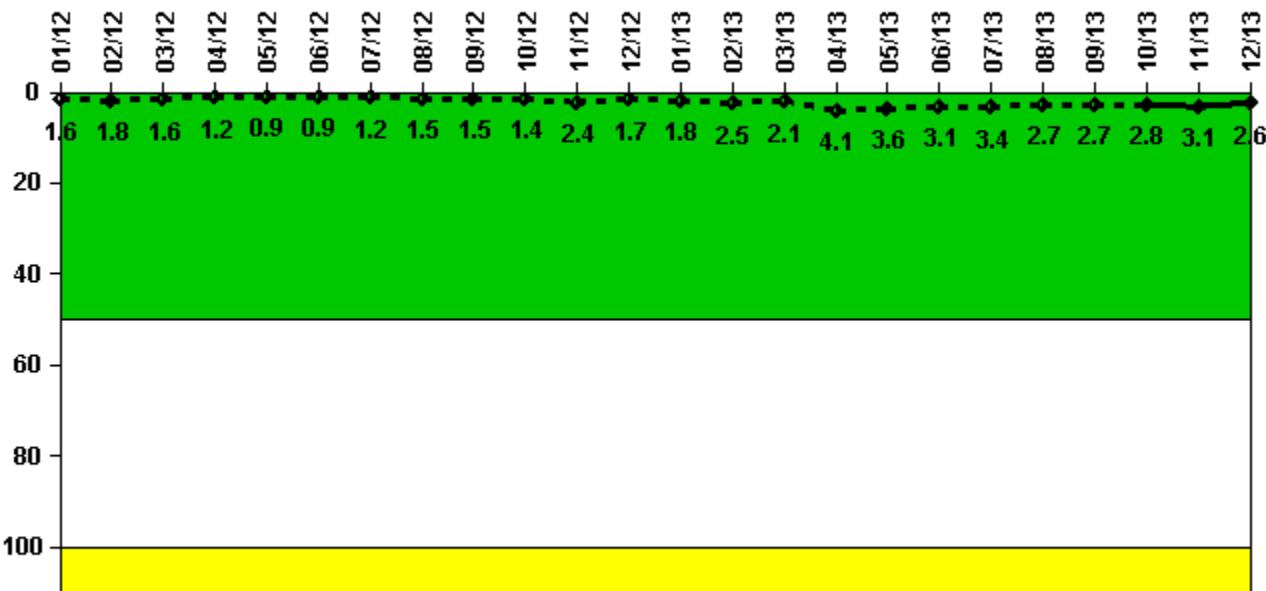
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum activity	0.000474	0.000310	0.000320	0.000376	0.001090	0.000325	0.000371	0.000379	0.000389	0.000235	0.000249	0.000260
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0.1	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000684	0.000267	0.000208	0.000097	0.000135	0.000468	0.000143	0.000362	0.000758	0.000144	0.000159	0.000338
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0	0.1	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



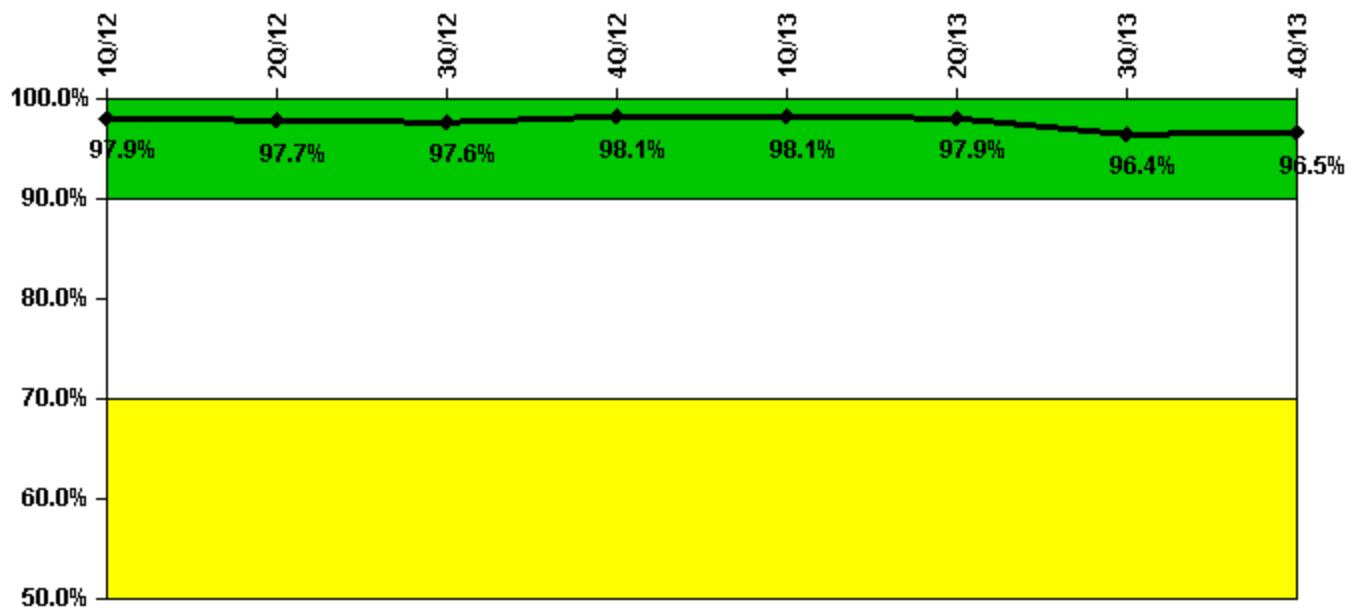
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/12	2/12	3/12	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12
Maximum leakage	0.162	0.184	0.161	0.119	0.085	0.087	0.123	0.145	0.148	0.140	0.238	0.170
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.6	1.8	1.6	1.2	0.9	0.9	1.2	1.5	1.5	1.4	2.4	1.7
Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.184	0.254	0.211	0.405	0.355	0.314	0.340	0.269	0.271	0.284	0.307	0.258
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	2.5	2.1	4.1	3.6	3.1	3.4	2.7	2.7	2.8	3.1	2.6

Licensee Comments: none

Drill/Exercise Performance



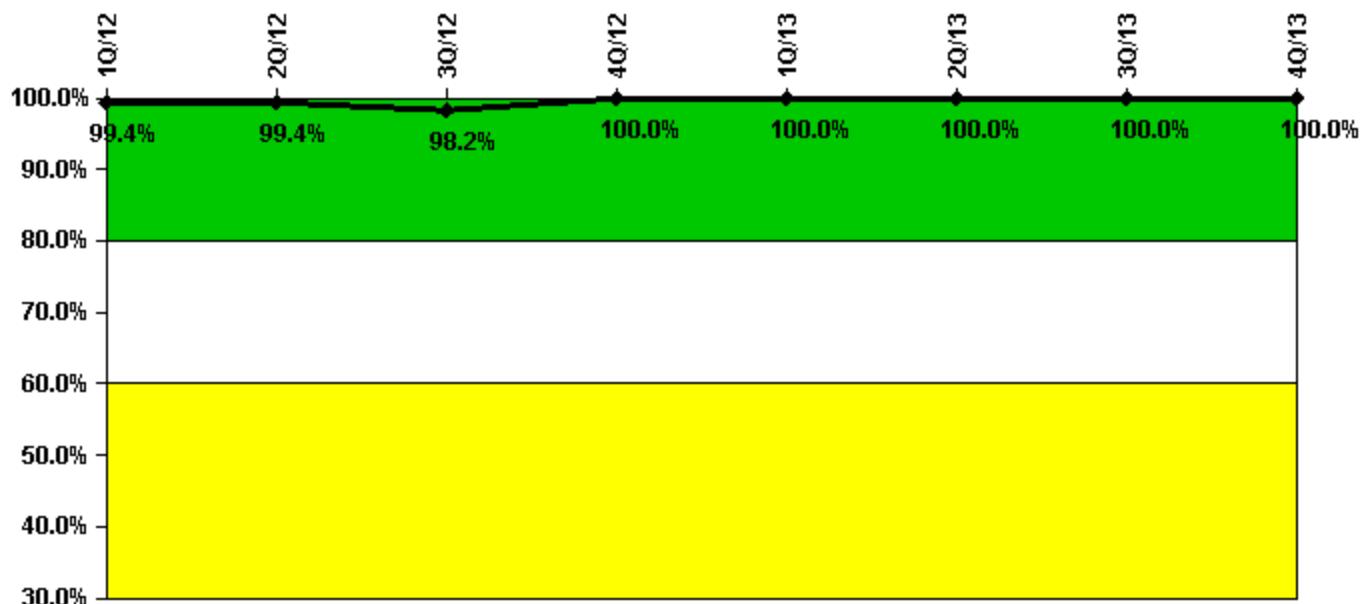
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful opportunities	26.0	25.0	12.0	57.0	8.0	44.0	33.0	73.0
Total opportunities	27.0	26.0	12.0	57.0	8.0	47.0	37.0	74.0
Indicator value	97.9%	97.7%	97.6%	98.1%	98.1%	97.9%	96.4%	96.5%

Licensee Comments: none

ERO Drill Participation



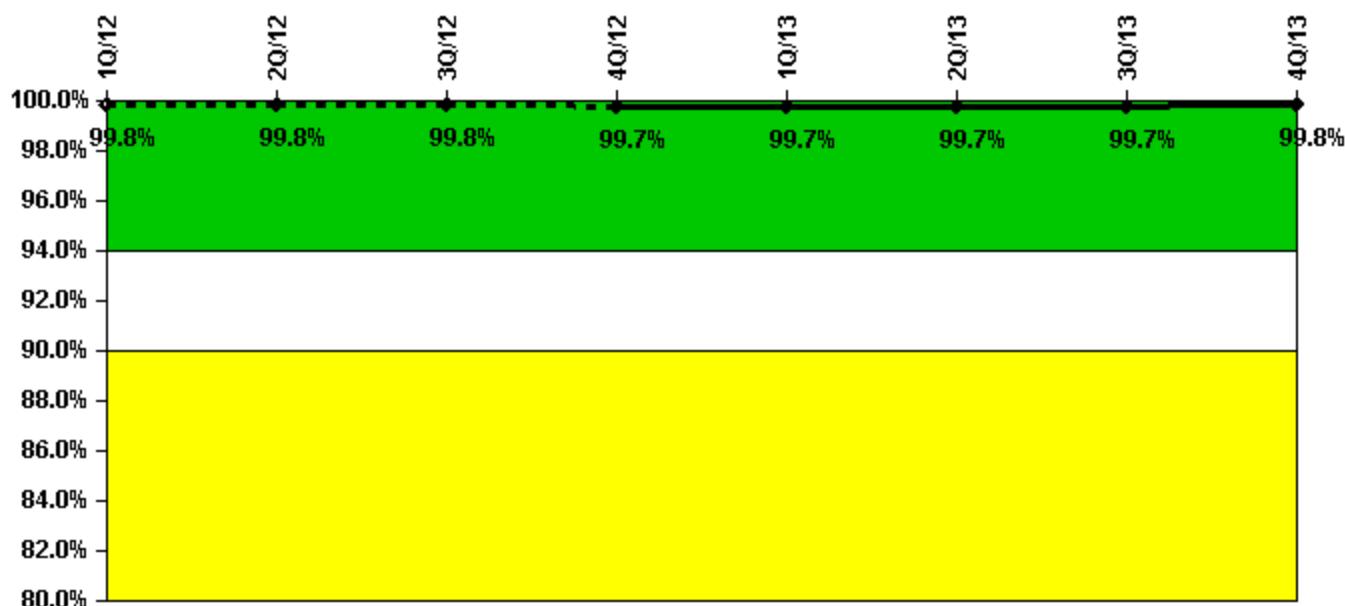
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Participating Key personnel	170.0	169.0	168.0	167.0	169.0	172.0	173.0	175.0
Total Key personnel	171.0	170.0	171.0	167.0	169.0	172.0	173.0	175.0
Indicator value	99.4%	99.4%	98.2%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



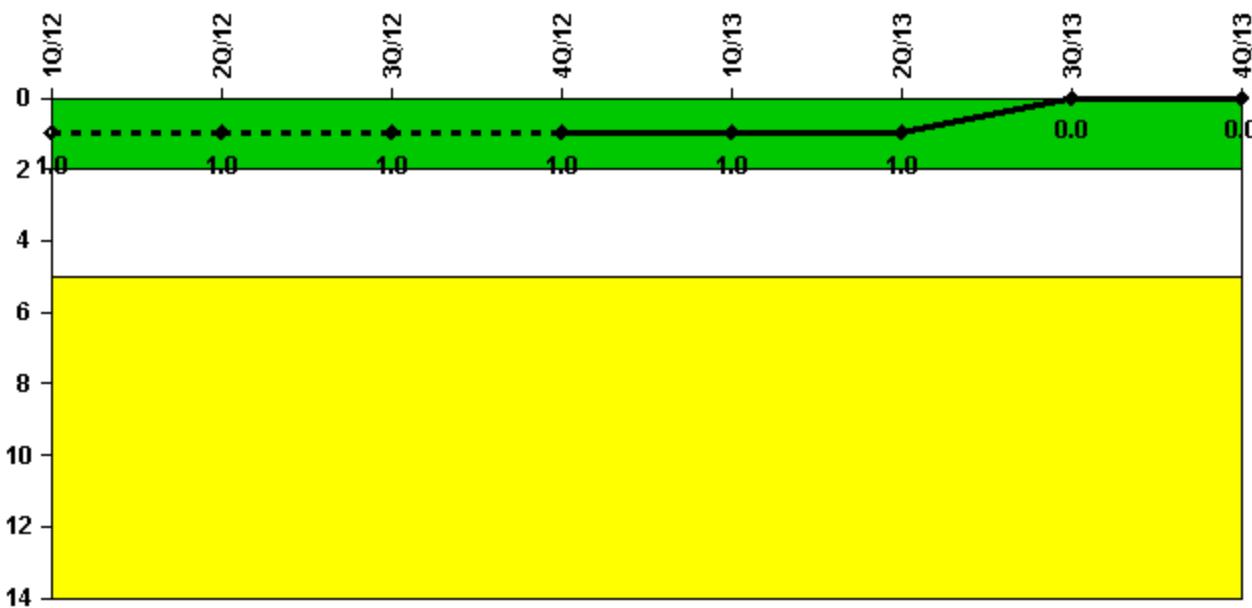
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
Successful siren-tests	1803	1780	1807	1801	1801	1807	1807	1873
Total sirens-tests	1809	1786	1809	1809	1809	1809	1809	1876
Indicator value	99.8%	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



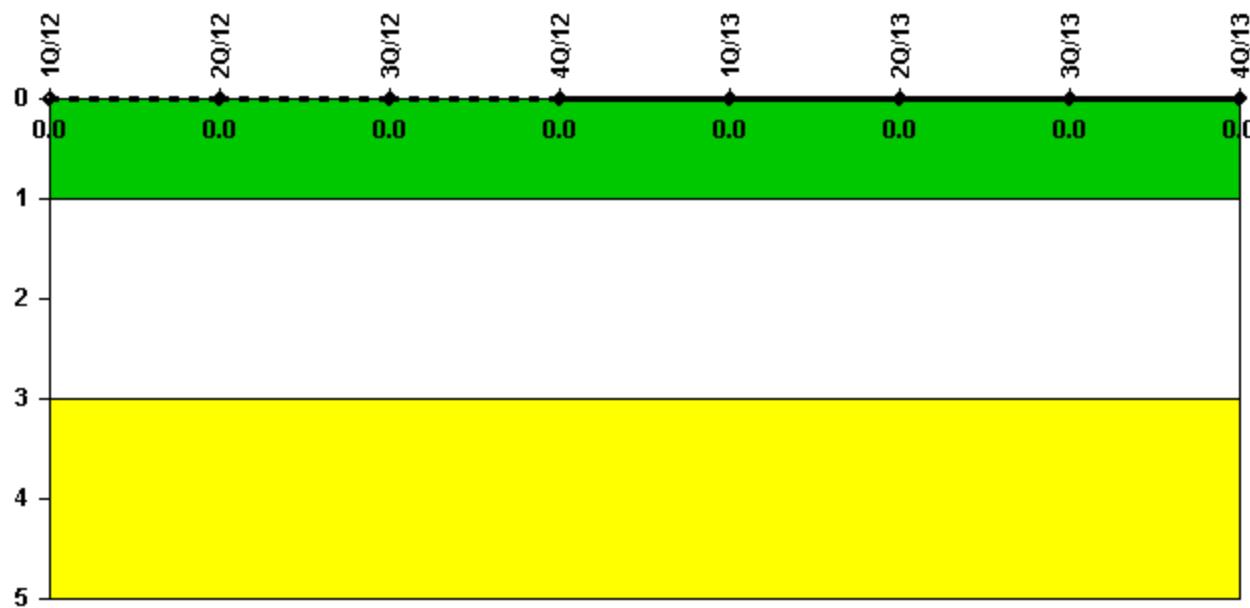
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	1	0	0	0	0	0
Indicator value	1	1	1	1	1	1	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/12	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 22, 2014

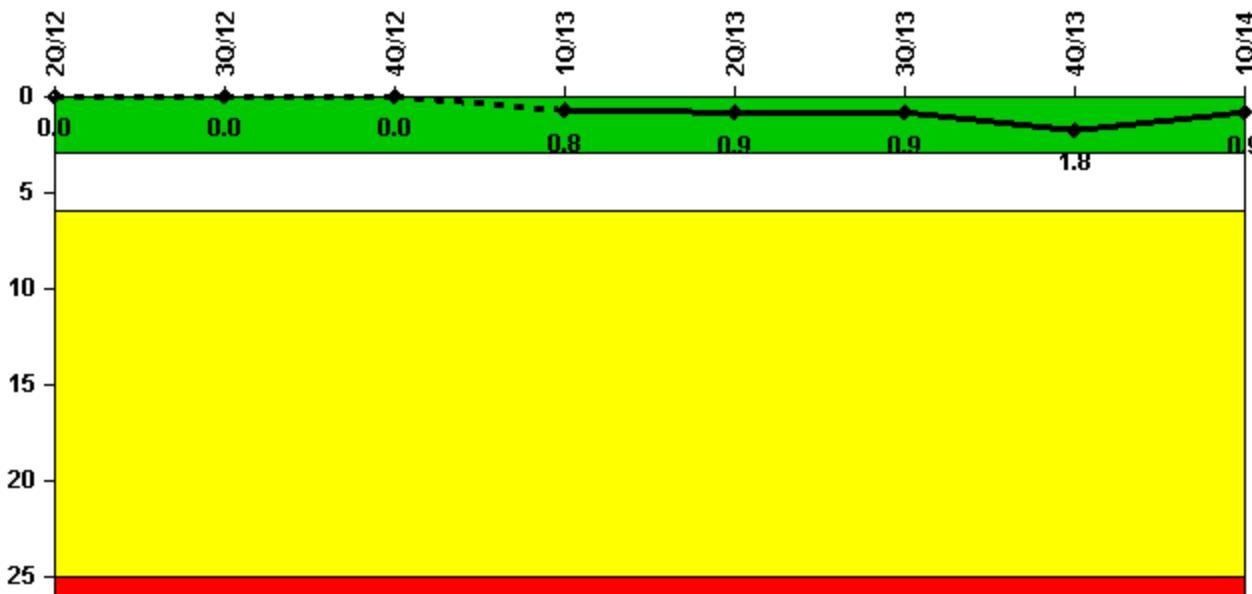
McGuire 1

1Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 1st Quarter 2014, PI Data

Unplanned Scrams per 7000 Critical Hrs



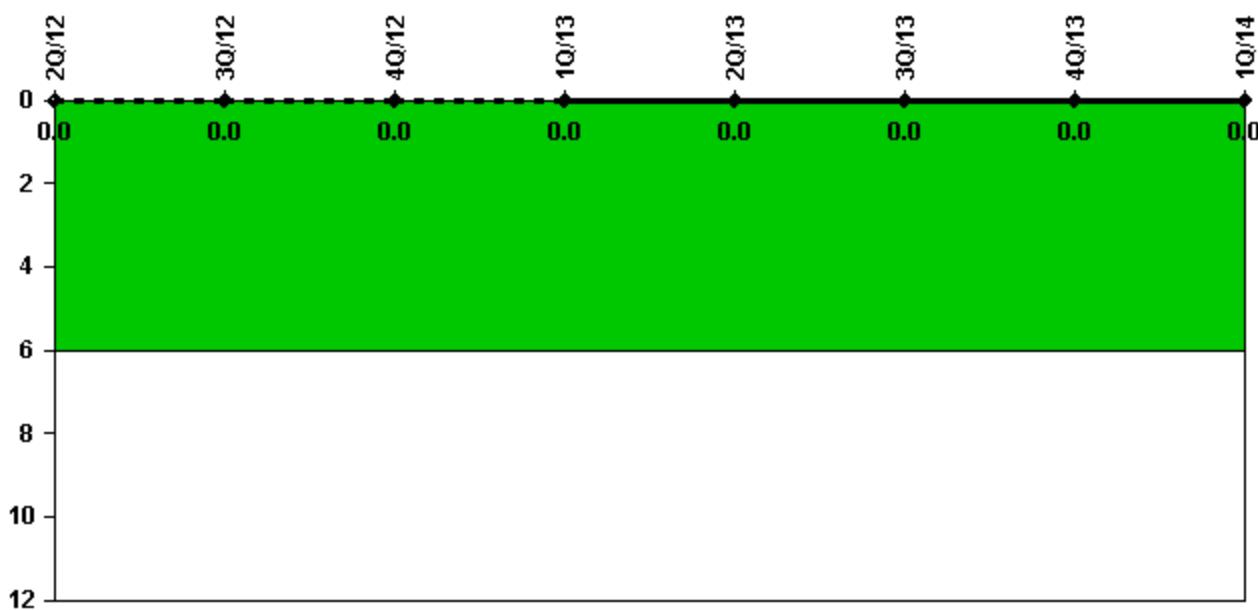
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned scrams	0	0	0	1.0	0	0	1.0	0
Critical hours	2184.0	2208.0	2209.0	1719.4	1688.1	2208.0	2170.6	2159.0
Indicator value	0	0	0	0.8	0.9	0.9	1.8	0.9

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



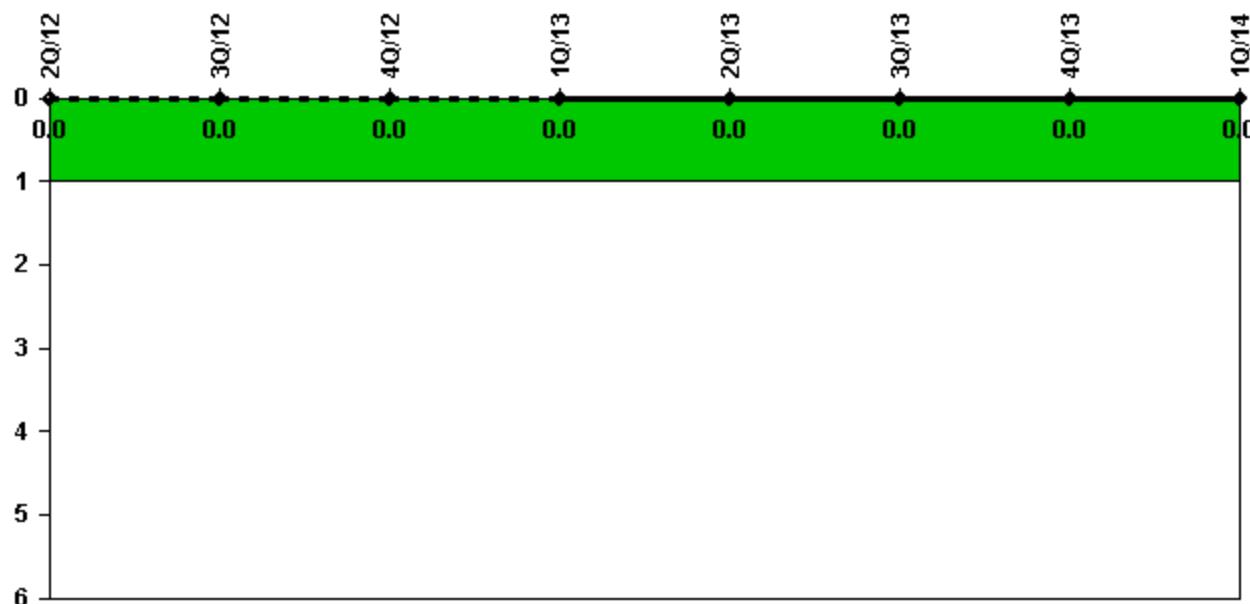
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1719.4	1688.1	2208.0	2170.6	2159.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



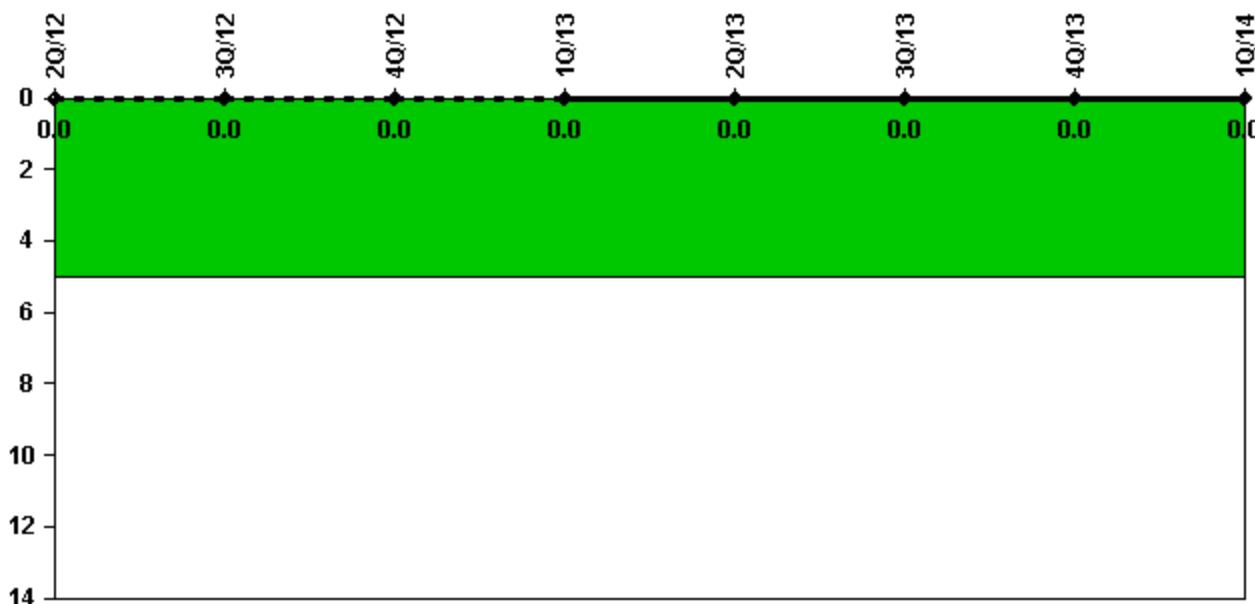
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



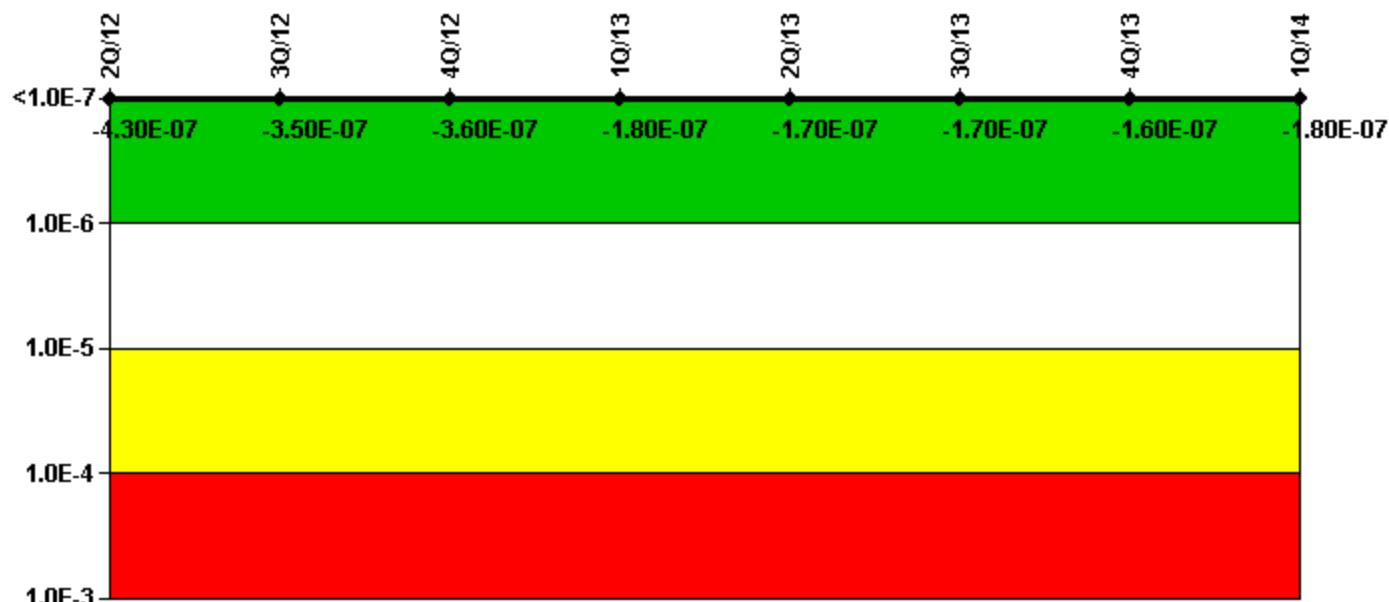
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

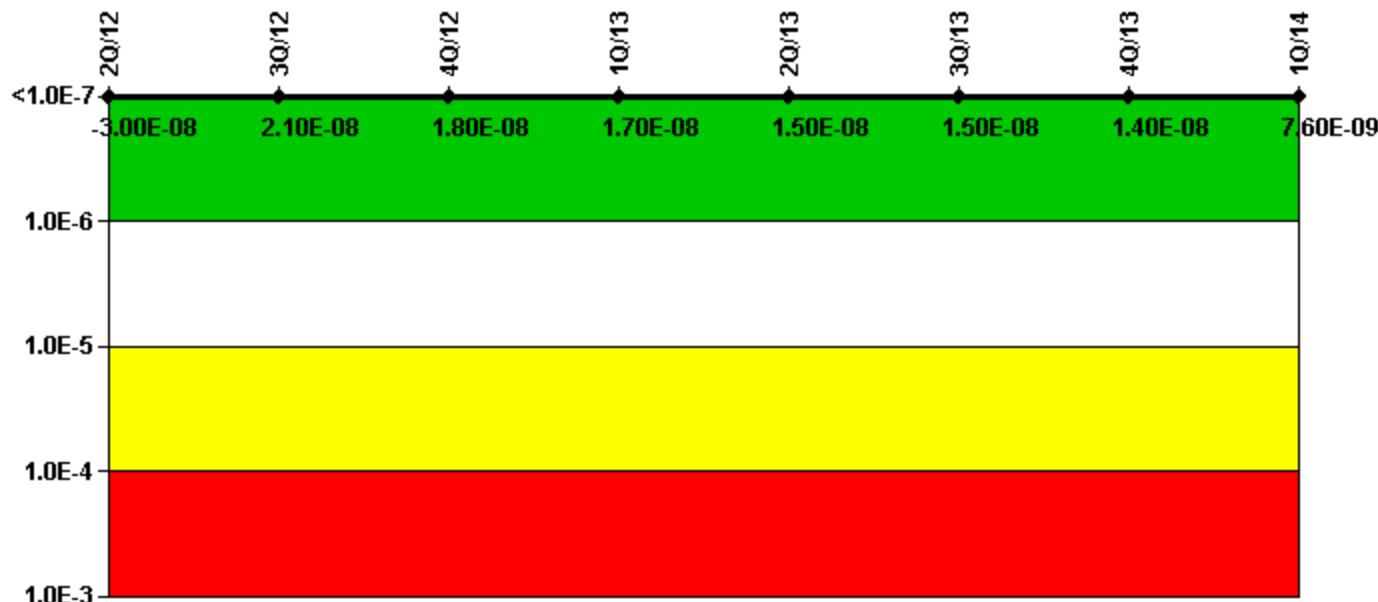
Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	1.97E-08	4.58E-08	3.02E-08	1.13E-08	1.83E-08	2.26E-08	2.50E-08	1.18E-08
URI (Δ CDF)	-4.47E-07	-3.94E-07	-3.94E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07
PLE	NO							
Indicator value	-4.30E-07	-3.50E-07	-3.60E-07	-1.80E-07	-1.70E-07	-1.70E-07	-1.60E-07	-1.80E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

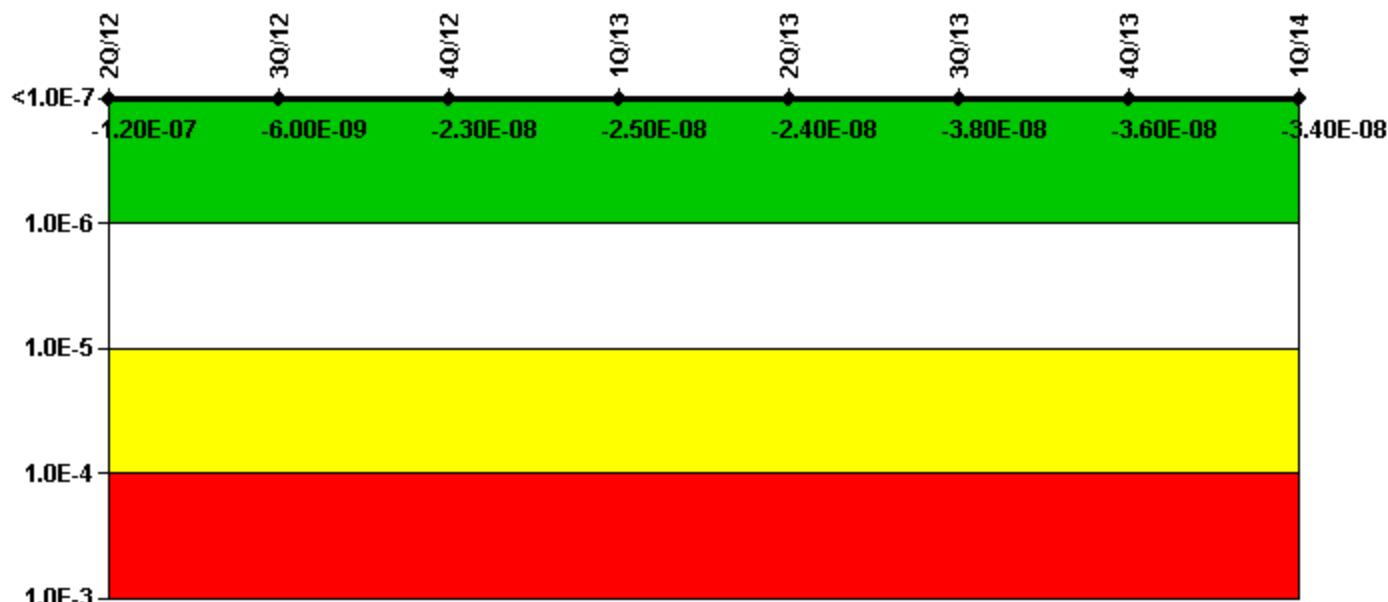
Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	1.94E-08	3.58E-08	3.25E-08	2.82E-08	2.67E-08	2.65E-08	2.52E-08	1.91E-08
URI (Δ CDF)	-4.91E-08	-1.50E-08	-1.50E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-3.00E-08	2.10E-08	1.80E-08	1.70E-08	1.50E-08	1.50E-08	1.40E-08	7.60E-09

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

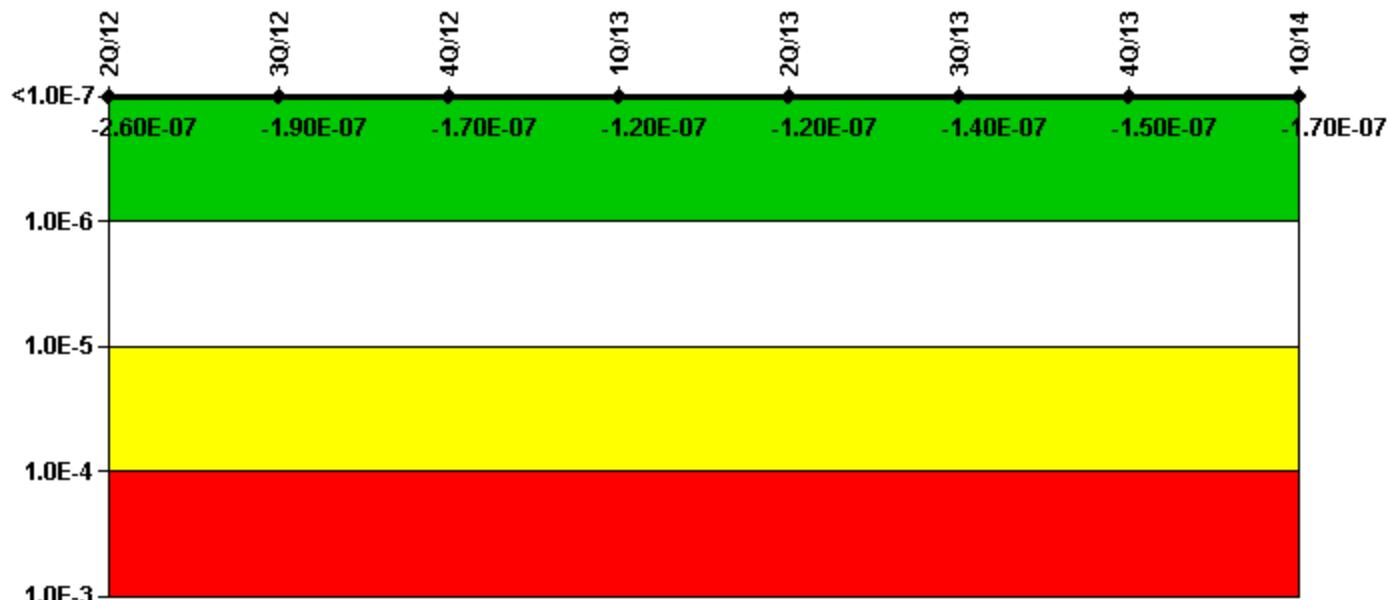
Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	4.76E-08	1.88E-07	1.71E-07	1.14E-07	1.15E-07	1.01E-07	1.03E-07	1.06E-07
URI (Δ CDF)	-1.67E-07	-1.94E-07	-1.94E-07	-1.39E-07	-1.39E-07	-1.39E-07	-1.39E-07	-1.39E-07
PLE	NO							
Indicator value	-1.20E-07	-6.00E-09	-2.30E-08	-2.50E-08	-2.40E-08	-3.80E-08	-3.60E-08	-3.40E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

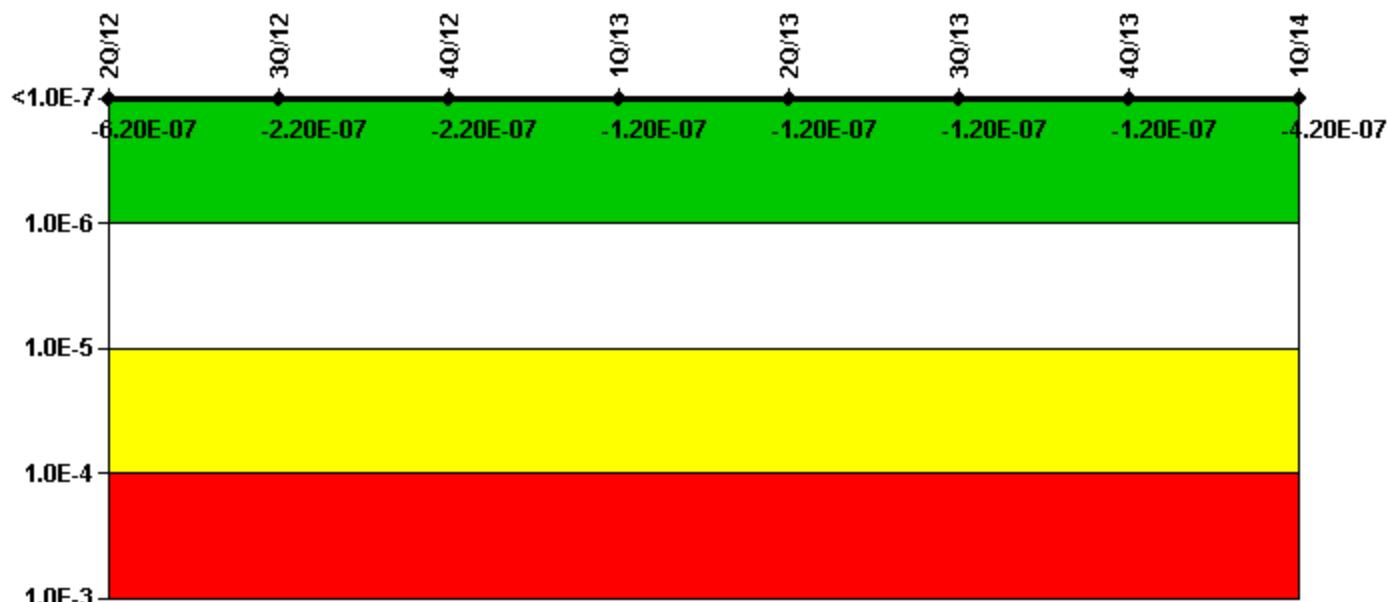
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	-1.70E-08	-3.35E-08	-1.56E-08	1.49E-08	1.55E-08	-5.92E-09	-1.45E-08	-3.28E-08
URI (Δ CDF)	-2.47E-07	-1.56E-07	-1.56E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07
PLE	NO							
Indicator value	-2.60E-07	-1.90E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.40E-07	-1.50E-07	-1.70E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

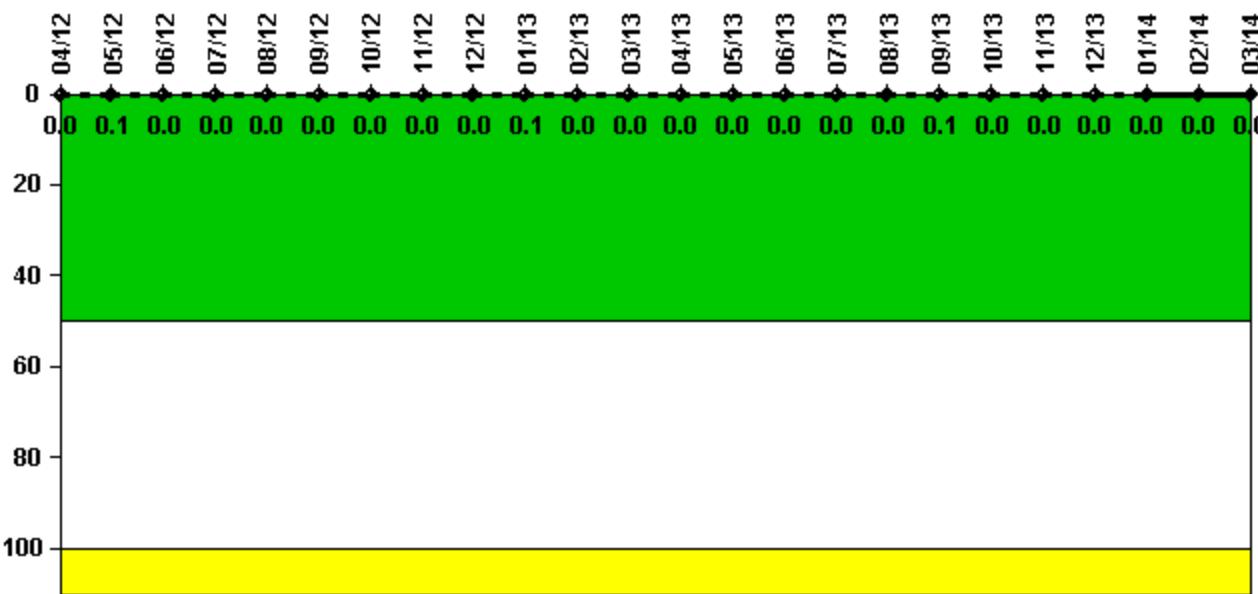
Mitigating Systems Performance Index, Cooling Water Systems	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
UAI (Δ CDF)	3.92E-07	3.97E-07	3.97E-07	2.97E-07	2.98E-07	2.98E-07	2.98E-07	1.97E-09
URI (Δ CDF)	-1.02E-06	-6.16E-07	-6.16E-07	-4.18E-07	-4.18E-07	-4.18E-07	-4.18E-07	-4.18E-07
PLE	NO							
Indicator value	-6.20E-07	-2.20E-07	-2.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-4.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

4Q/12: PRA updates for 2013

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

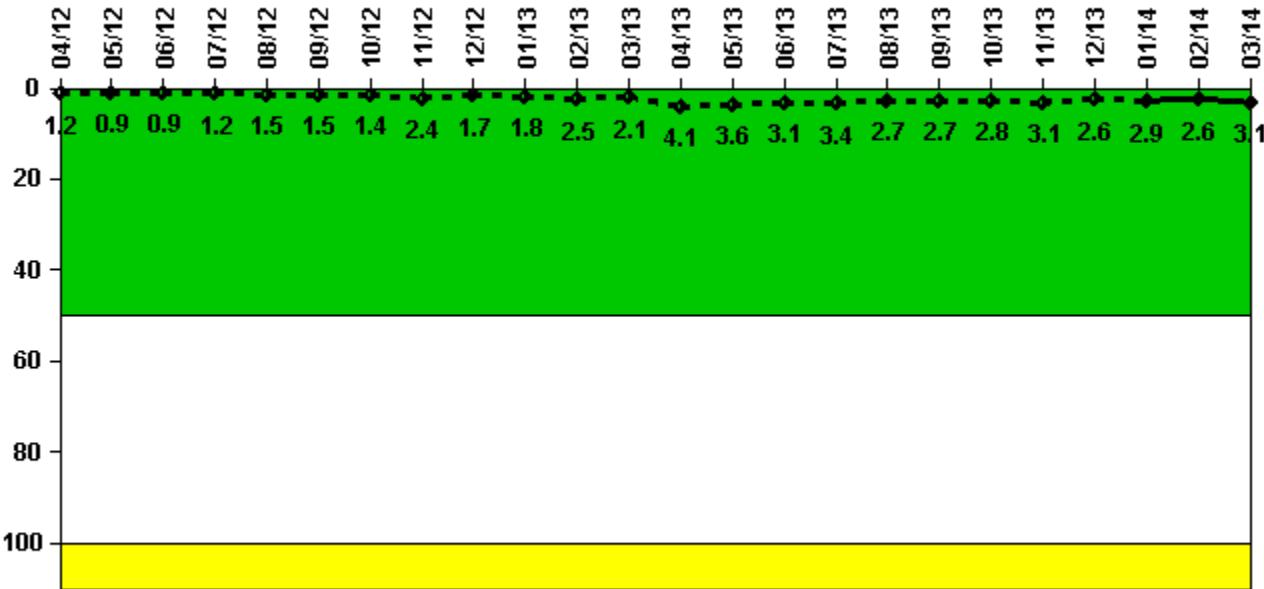
Notes

Reactor Coolant System Activity	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum activity	0.000376	0.001090	0.000325	0.000371	0.000379	0.000389	0.000235	0.000249	0.000260	0.000684	0.000267	0.000208
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0.1	0	0	0	0	0	0	0	0.1	0	0

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000097	0.000135	0.000468	0.000143	0.000362	0.000758	0.000144	0.000159	0.000338	0.000175	0.000174	0.000187
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



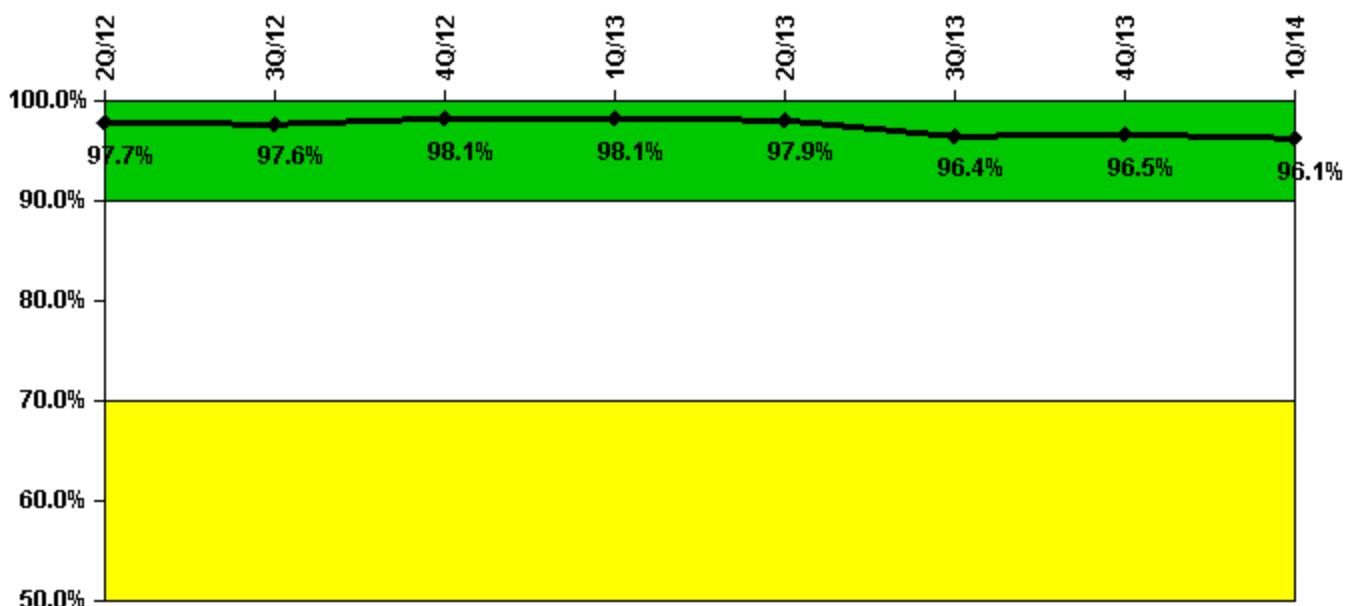
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/12	5/12	6/12	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13
Maximum leakage	0.119	0.085	0.087	0.123	0.145	0.148	0.140	0.238	0.170	0.184	0.254	0.211
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	0.9	0.9	1.2	1.5	1.5	1.4	2.4	1.7	1.8	2.5	2.1
Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.405	0.355	0.314	0.340	0.269	0.271	0.284	0.307	0.258	0.291	0.259	0.305
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.1	3.6	3.1	3.4	2.7	2.7	2.8	3.1	2.6	2.9	2.6	3.1

Licensee Comments: none

Drill/Exercise Performance



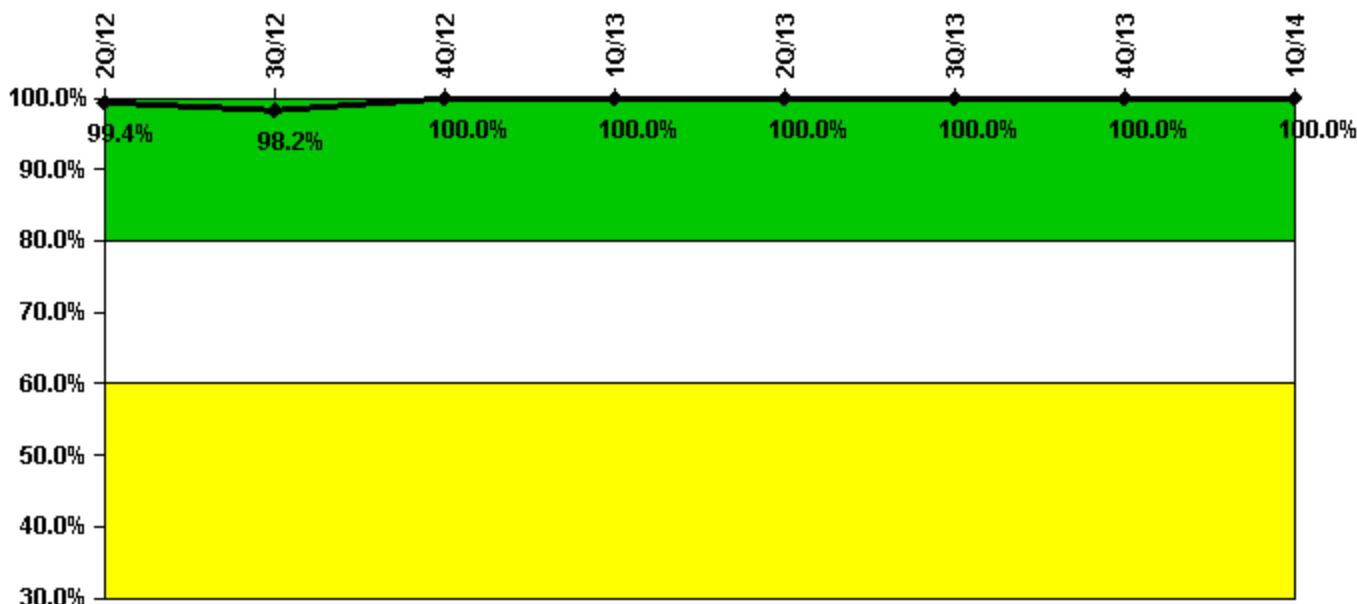
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful opportunities	25.0	12.0	57.0	8.0	44.0	33.0	73.0	20.0
Total opportunities	26.0	12.0	57.0	8.0	47.0	37.0	74.0	22.0
Indicator value	97.7%	97.6%	98.1%	98.1%	97.9%	96.4%	96.5%	96.1%

Licensee Comments: none

ERO Drill Participation



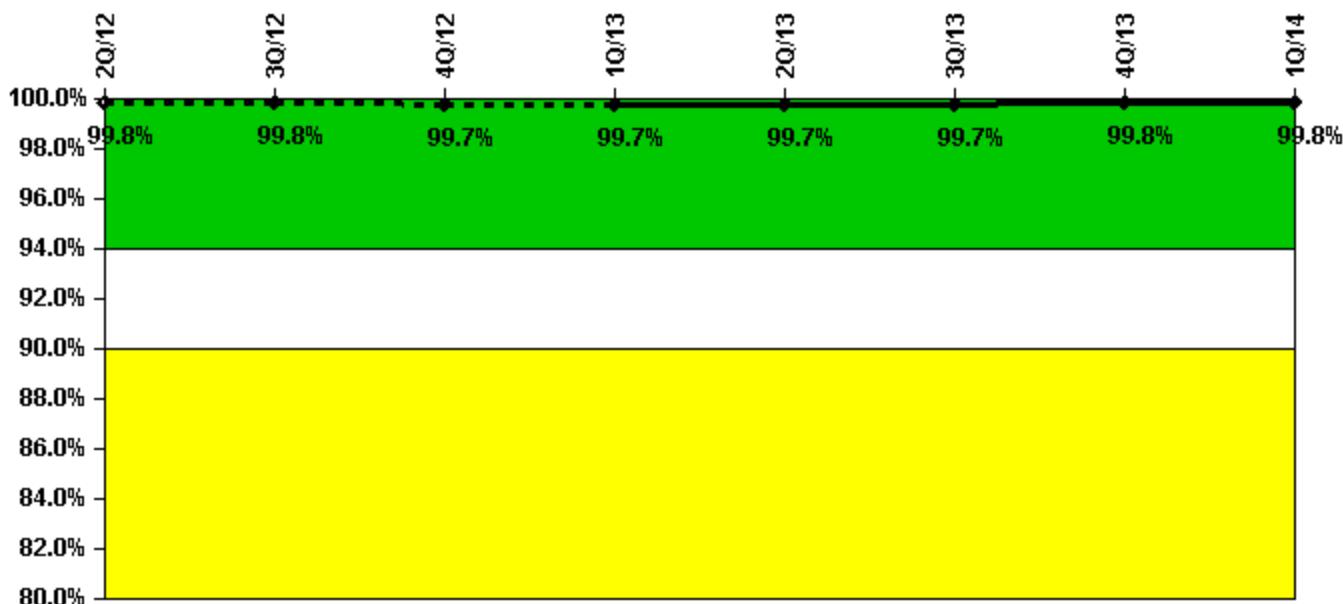
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Participating Key personnel	169.0	168.0	167.0	169.0	172.0	173.0	175.0	176.0
Total Key personnel	170.0	171.0	167.0	169.0	172.0	173.0	175.0	176.0
Indicator value	99.4%	98.2%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

Alert & Notification System



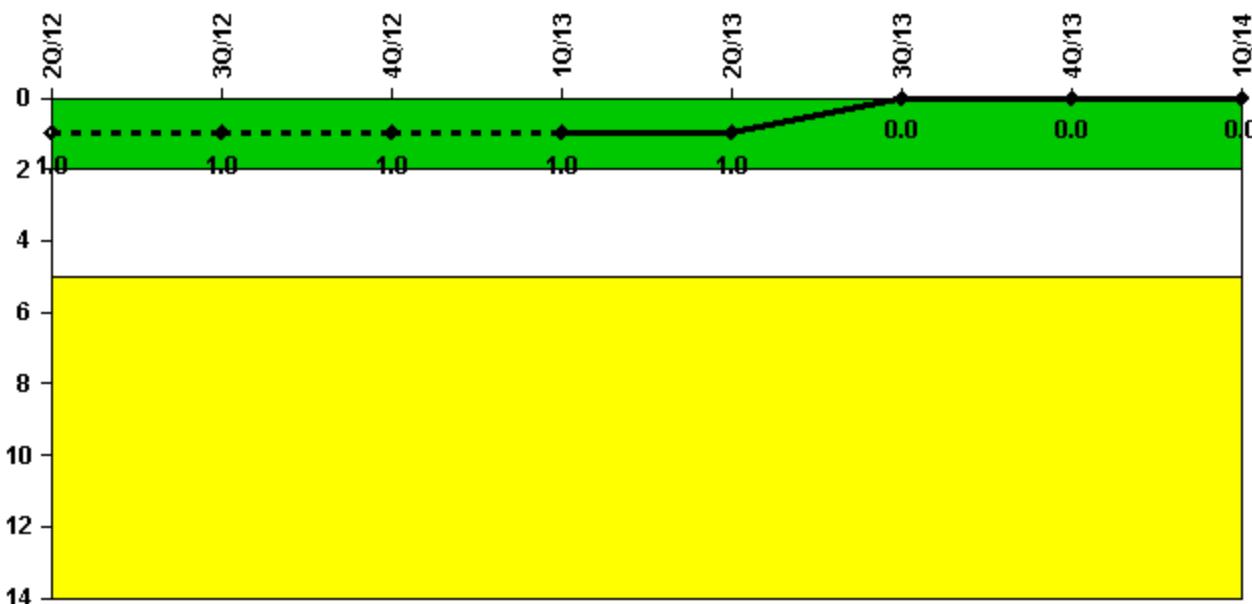
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
Successful siren-tests	1780	1807	1801	1801	1807	1807	1873	1735
Total sirens-tests	1786	1809	1809	1809	1809	1809	1876	1742
Indicator value	99.8%	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



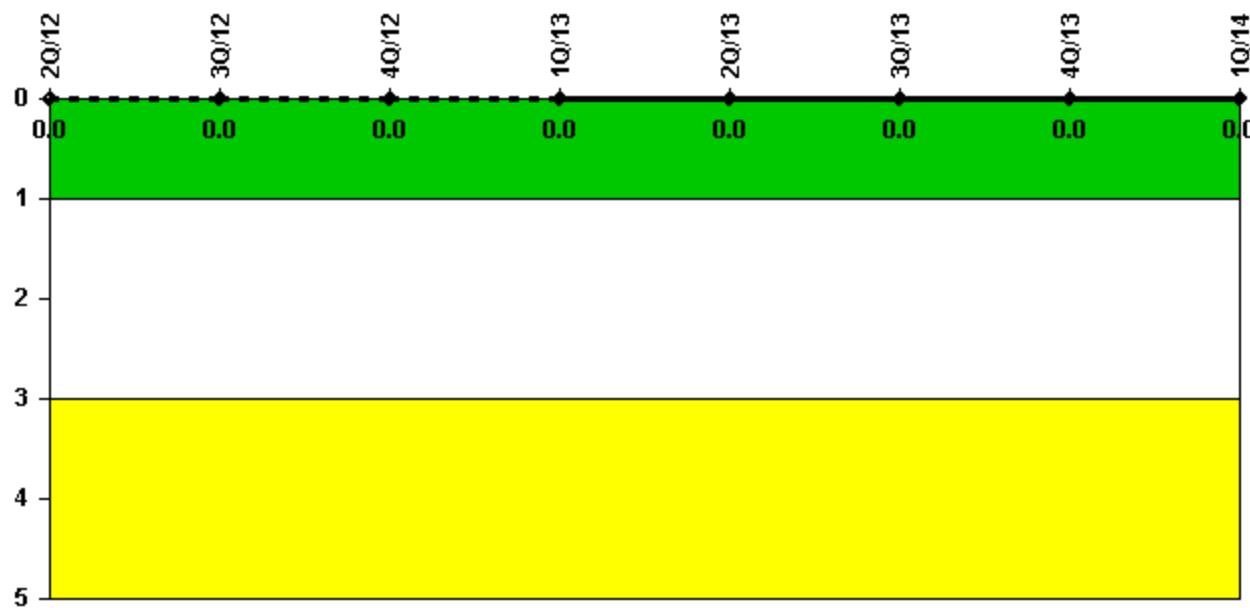
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	1	0	0	0	0	0	0
Indicator value	1	1	1	1	1	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/12	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2014

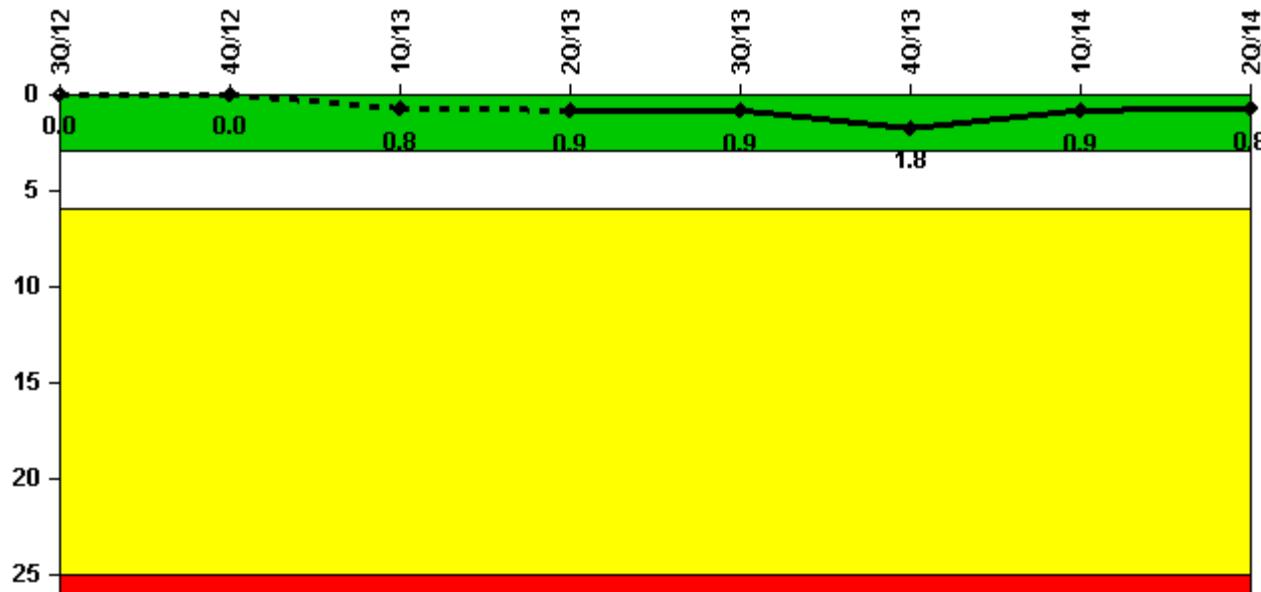
McGuire 1

2Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



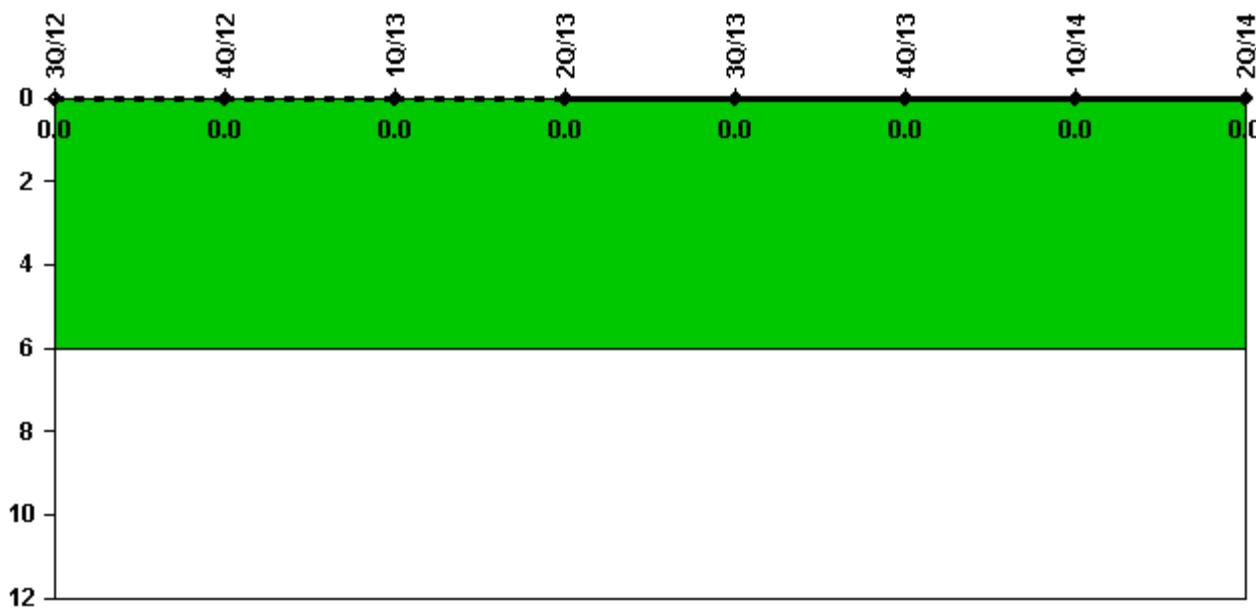
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned scrams	0	0	1.0	0	0	1.0	0	0
Critical hours	2208.0	2209.0	1719.4	1688.1	2208.0	2170.6	2159.0	2184.0
Indicator value	0	0	0.8	0.9	0.9	1.8	0.9	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



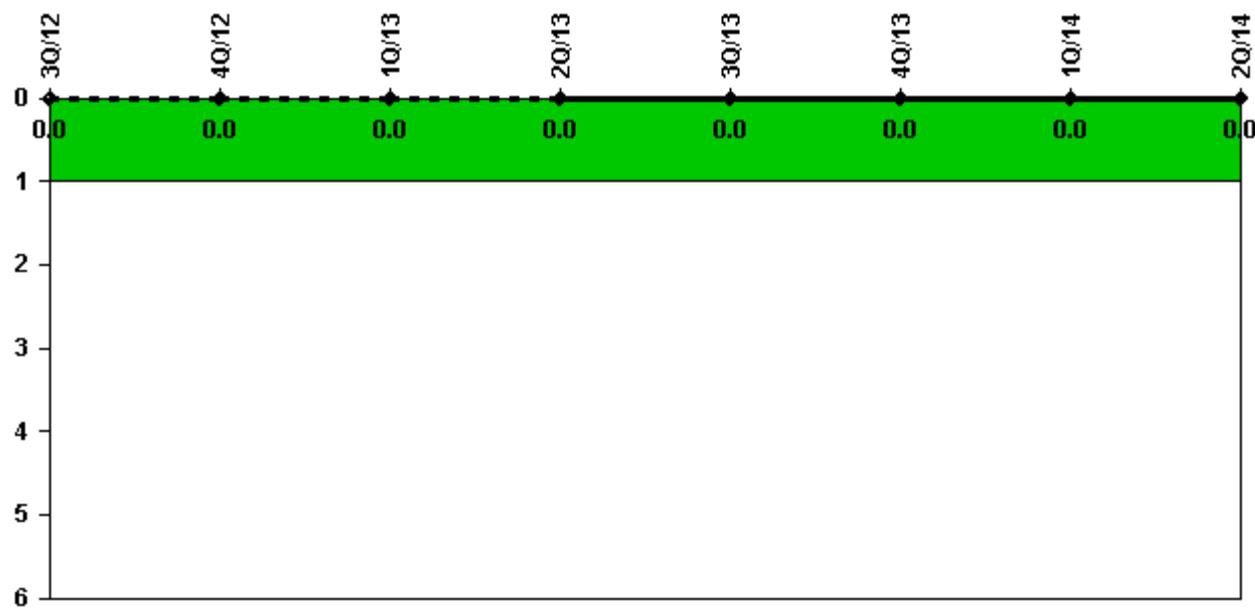
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1719.4	1688.1	2208.0	2170.6	2159.0	2184.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



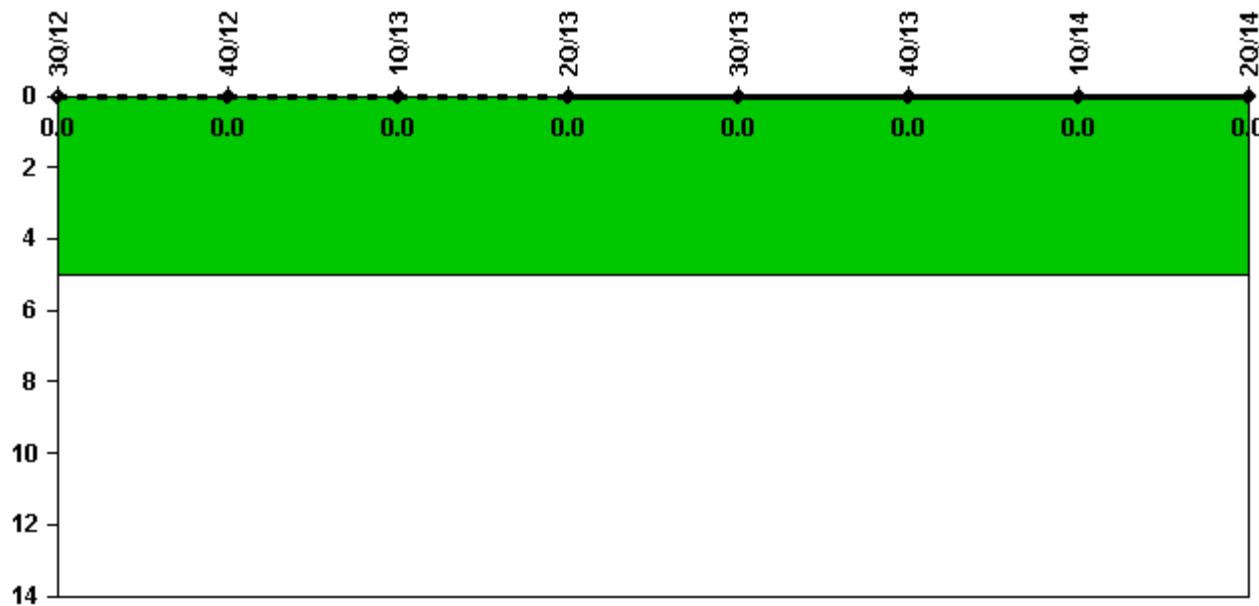
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



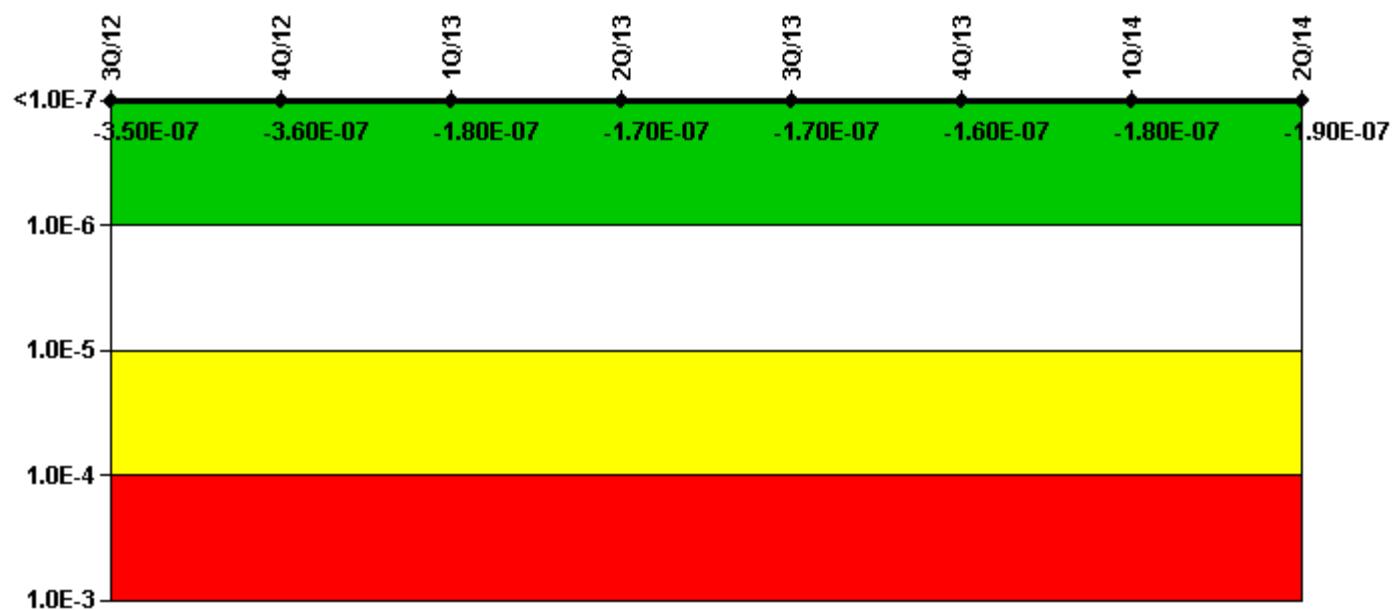
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

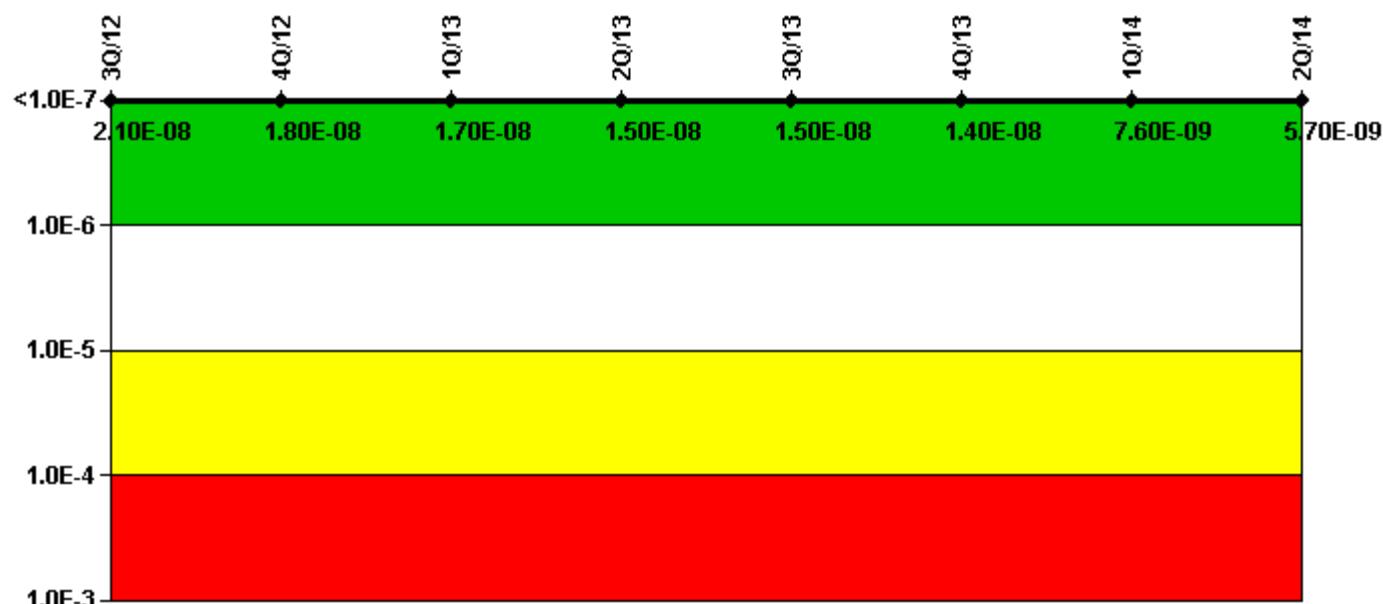
Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	4.58E-08	3.02E-08	1.13E-08	1.83E-08	2.26E-08	2.50E-08	1.18E-08	-1.58E-09
URI (Δ CDF)	-3.94E-07	-3.94E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07
PLE	NO							
Indicator value	-3.50E-07	-3.60E-07	-1.80E-07	-1.70E-07	-1.70E-07	-1.60E-07	-1.80E-07	-1.90E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

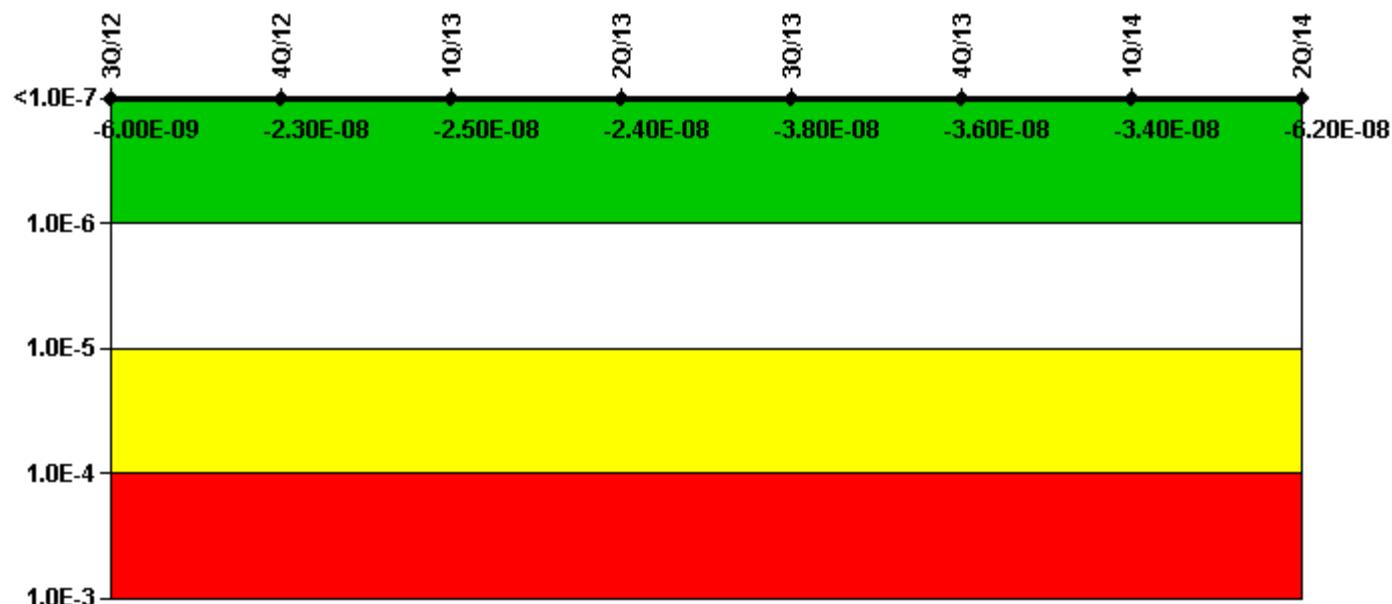
Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	3.58E-08	3.25E-08	2.82E-08	2.67E-08	2.65E-08	2.52E-08	1.91E-08	1.72E-08
URI (Δ CDF)	-1.50E-08	-1.50E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO							
Indicator value	2.10E-08	1.80E-08	1.70E-08	1.50E-08	1.50E-08	1.40E-08	7.60E-09	5.70E-09

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

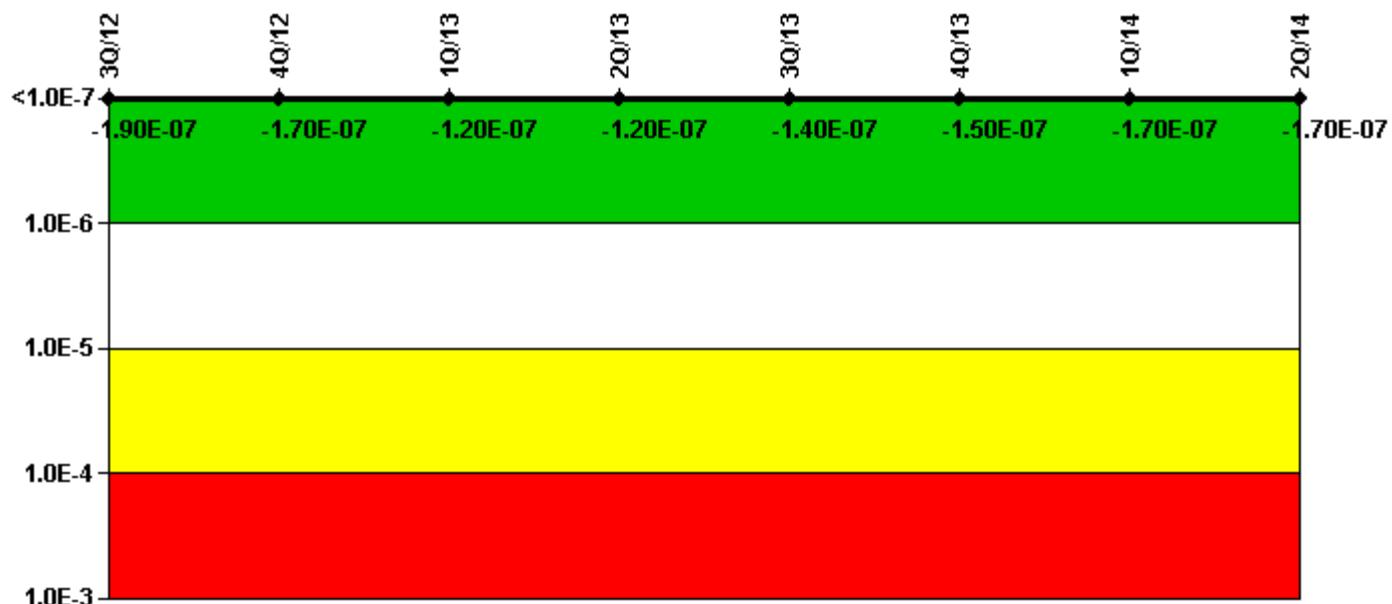
Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	1.88E-07	1.71E-07	1.14E-07	1.15E-07	1.01E-07	1.03E-07	1.06E-07	7.69E-08
URI (Δ CDF)	-1.94E-07	-1.94E-07	-1.39E-07	-1.39E-07	-1.39E-07	-1.39E-07	-1.39E-07	-1.39E-07
PLE	NO							
Indicator value	-6.00E-09	-2.30E-08	-2.50E-08	-2.40E-08	-3.80E-08	-3.60E-08	-3.40E-08	-6.20E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	-3.35E-08	-1.56E-08	1.49E-08	1.55E-08	-5.92E-09	-1.45E-08	-3.28E-08	-3.28E-08
URI (Δ CDF)	-1.56E-07	-1.56E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07
PLE	NO							
Indicator value	-1.90E-07	-1.70E-07	-1.20E-07	-1.20E-07	-1.40E-07	-1.50E-07	-1.70E-07	-1.70E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

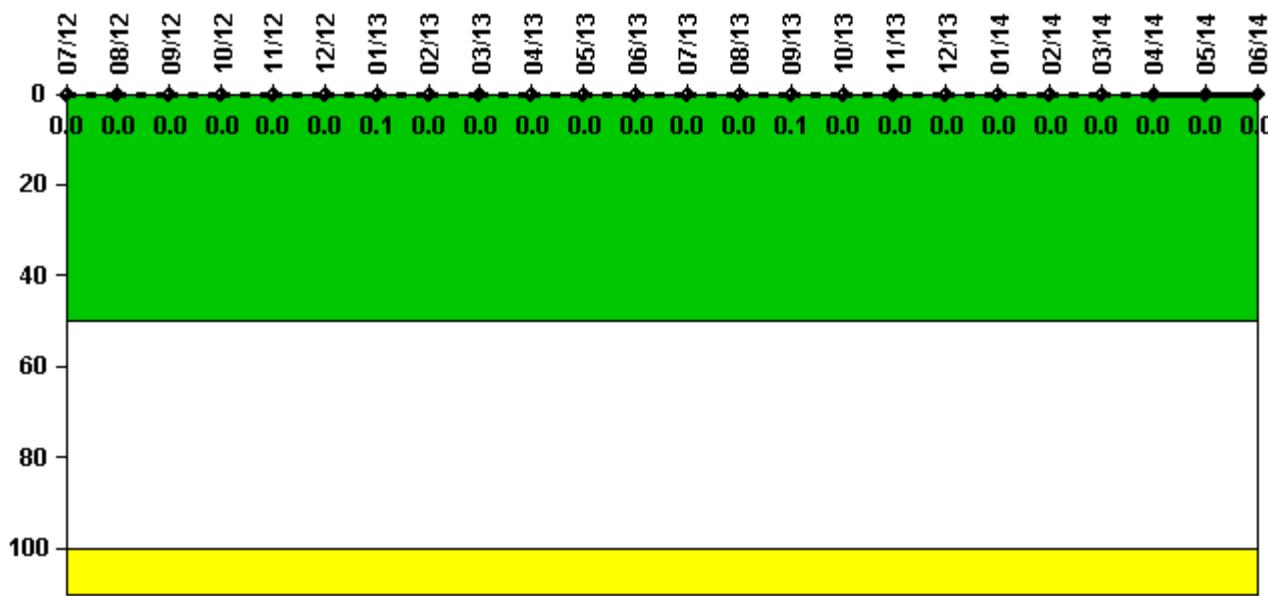
Mitigating Systems Performance Index, Cooling Water Systems	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
UAI (Δ CDF)	3.97E-07	3.97E-07	2.97E-07	2.98E-07	2.98E-07	2.98E-07	1.97E-09	1.65E-09
URI (Δ CDF)	-6.16E-07	-6.16E-07	-4.18E-07	-4.18E-07	-4.18E-07	-4.18E-07	-4.18E-07	-4.18E-07
PLE	NO							
Indicator value	-2.20E-07	-2.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-4.20E-07	-4.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

4Q/12: PRA updates for 2013

Reactor Coolant System Activity



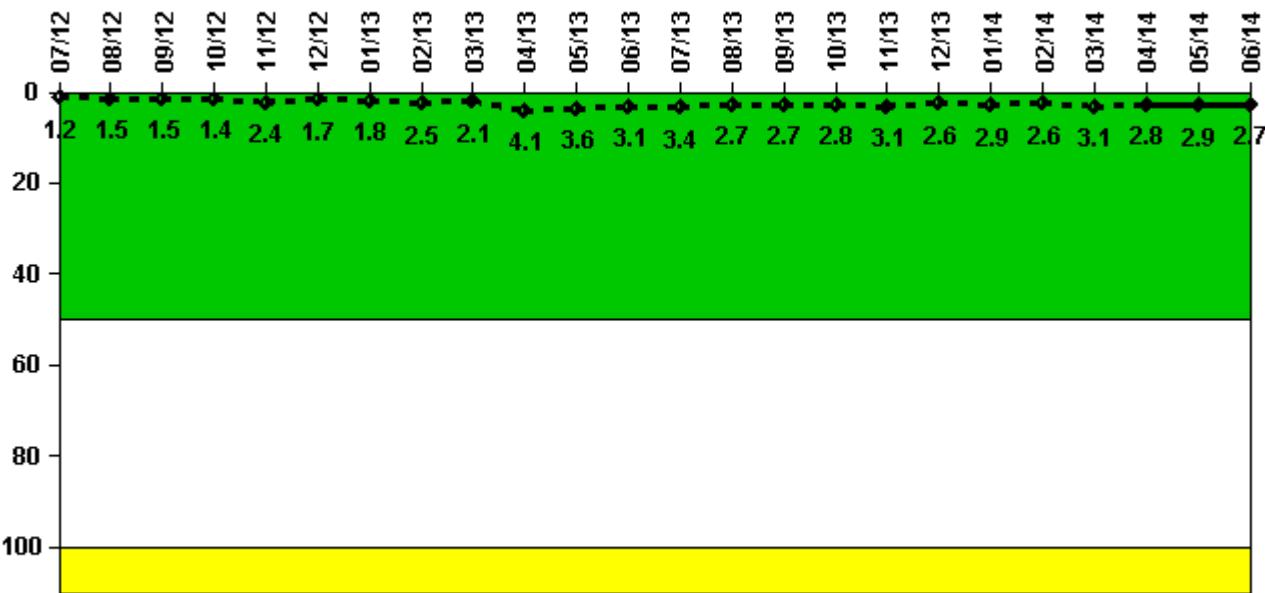
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum activity	0.000371	0.000379	0.000389	0.000235	0.000249	0.000260	0.000684	0.000267	0.000208	0.000097	0.000135	0.000468
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0.1	0	0	0	0	0
Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000143	0.000362	0.000758	0.000144	0.000159	0.000338	0.000175	0.000174	0.000187	0.000175	0.000331	0.000198
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



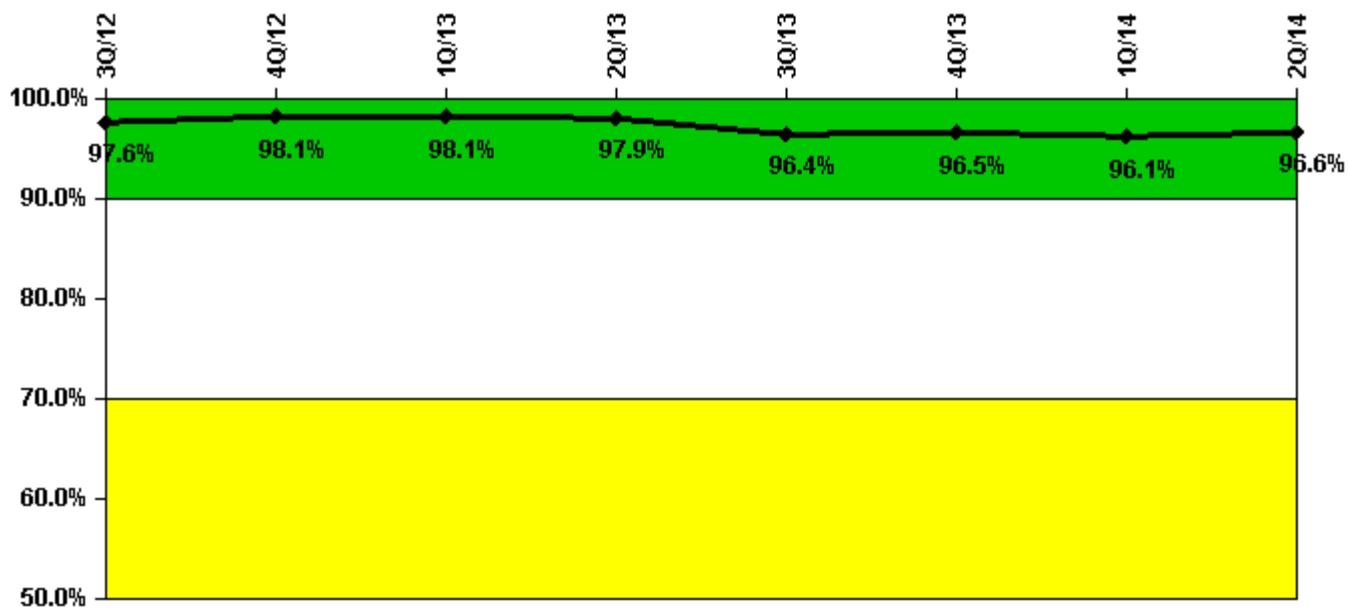
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/12	8/12	9/12	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13
Maximum leakage	0.123	0.145	0.148	0.140	0.238	0.170	0.184	0.254	0.211	0.405	0.355	0.314
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.2	1.5	1.5	1.4	2.4	1.7	1.8	2.5	2.1	4.1	3.6	3.1
Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.340	0.269	0.271	0.284	0.307	0.258	0.291	0.259	0.305	0.283	0.287	0.272
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.4	2.7	2.7	2.8	3.1	2.6	2.9	2.6	3.1	2.8	2.9	2.7

Licensee Comments: none

Drill/Exercise Performance



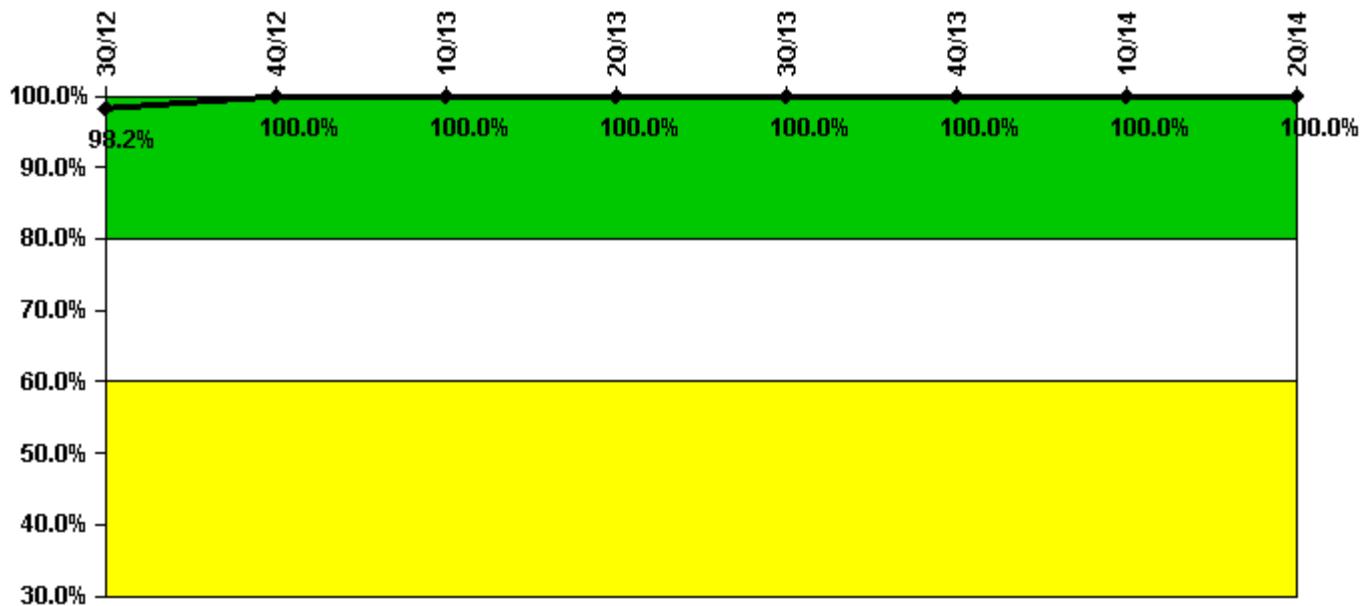
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful opportunities	12.0	57.0	8.0	44.0	33.0	73.0	20.0	38.0
Total opportunities	12.0	57.0	8.0	47.0	37.0	74.0	22.0	38.0
Indicator value	97.6%	98.1%	98.1%	97.9%	96.4%	96.5%	96.1%	96.6%

Licensee Comments: none

ERO Drill Participation



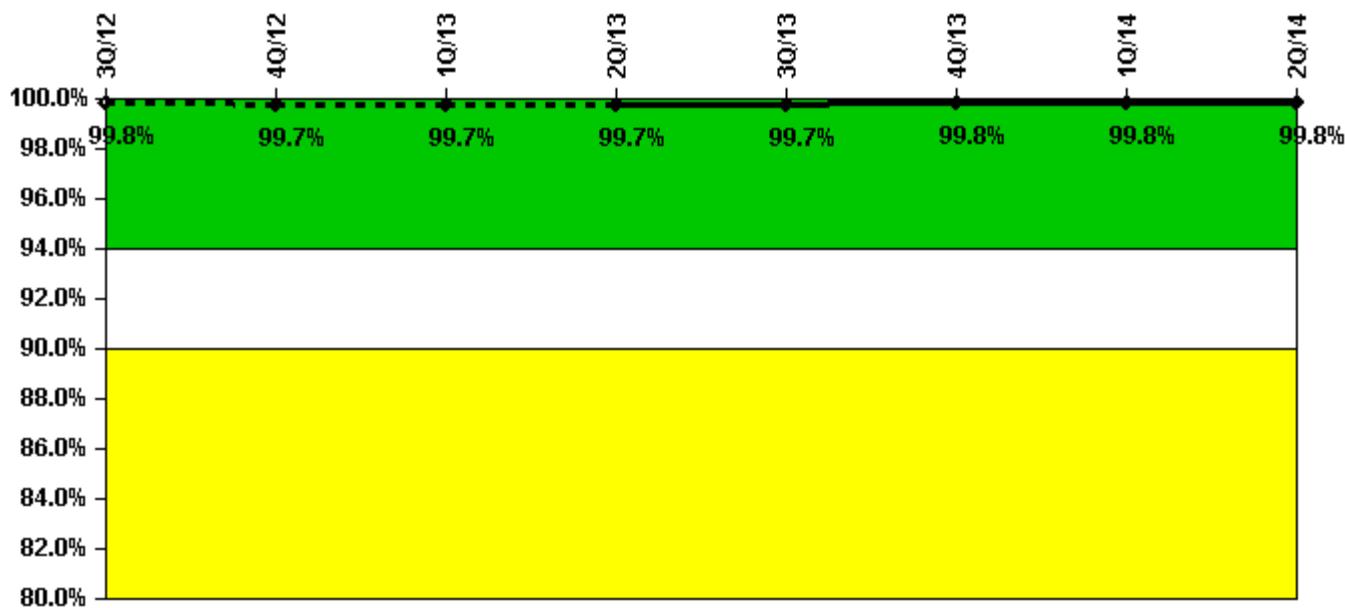
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Participating Key personnel	168.0	167.0	169.0	172.0	173.0	175.0	176.0	179.0
Total Key personnel	171.0	167.0	169.0	172.0	173.0	175.0	176.0	179.0
Indicator value	98.2%	100.0%						

Licensee Comments: none

Alert & Notification System



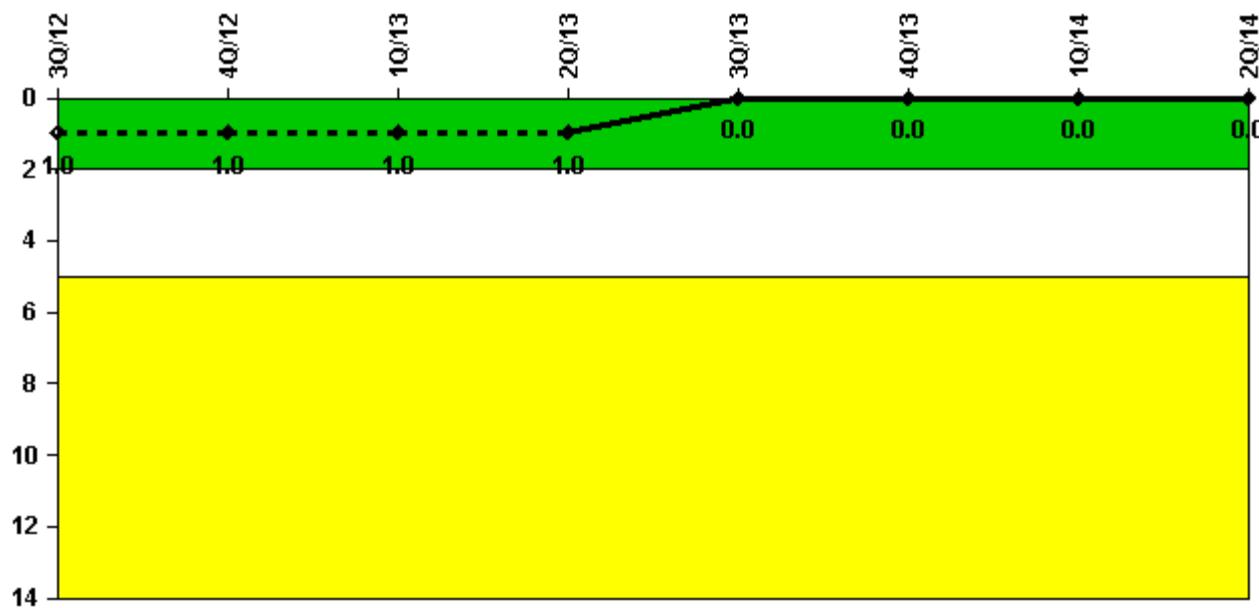
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
Successful siren-tests	1807	1801	1801	1807	1807	1873	1735	1807
Total sirens-tests	1809	1809	1809	1809	1809	1876	1742	1809
Indicator value	99.8%	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



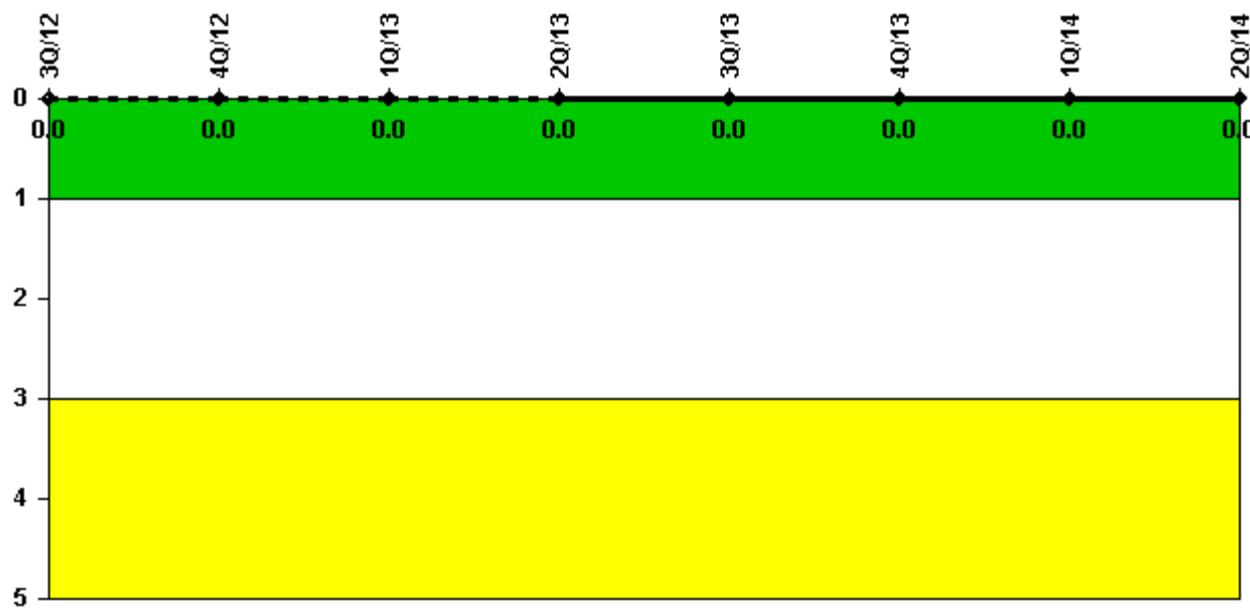
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	1	0	0	0	0	0	0	0
Indicator value	1	1	1	1	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/12	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

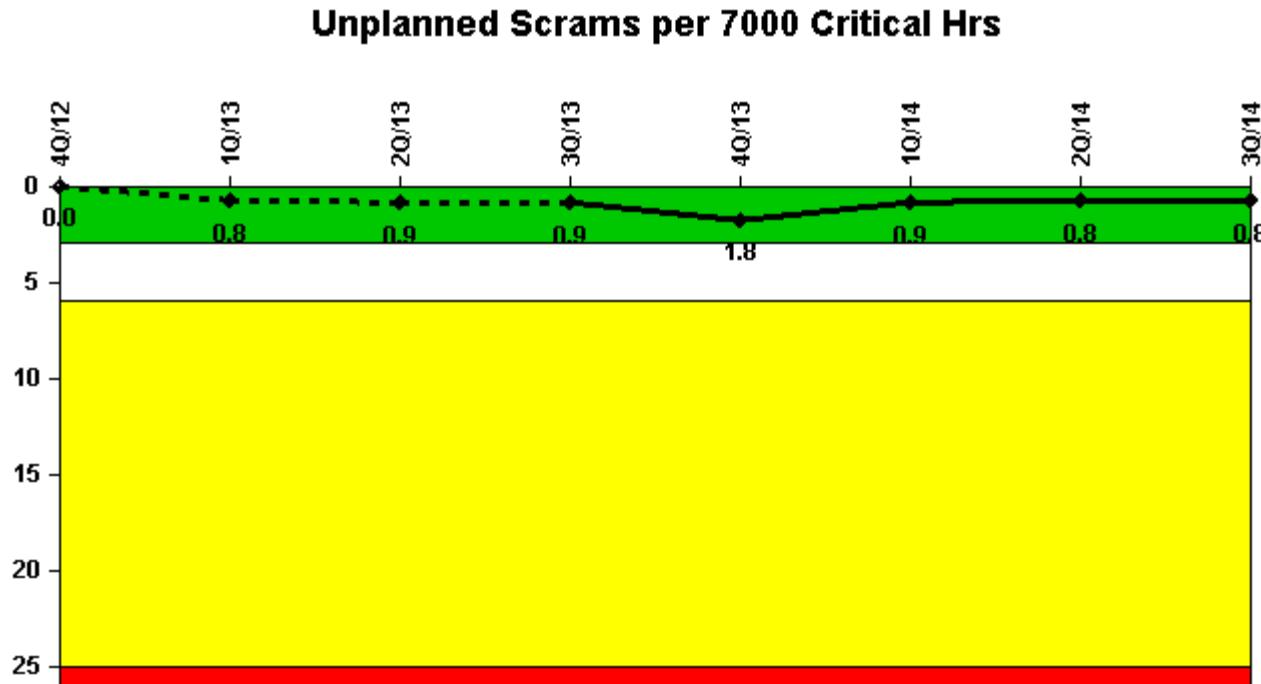
Last Modified: July 31, 2014

McGuire 1

3Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, Q3/2014, PI Data



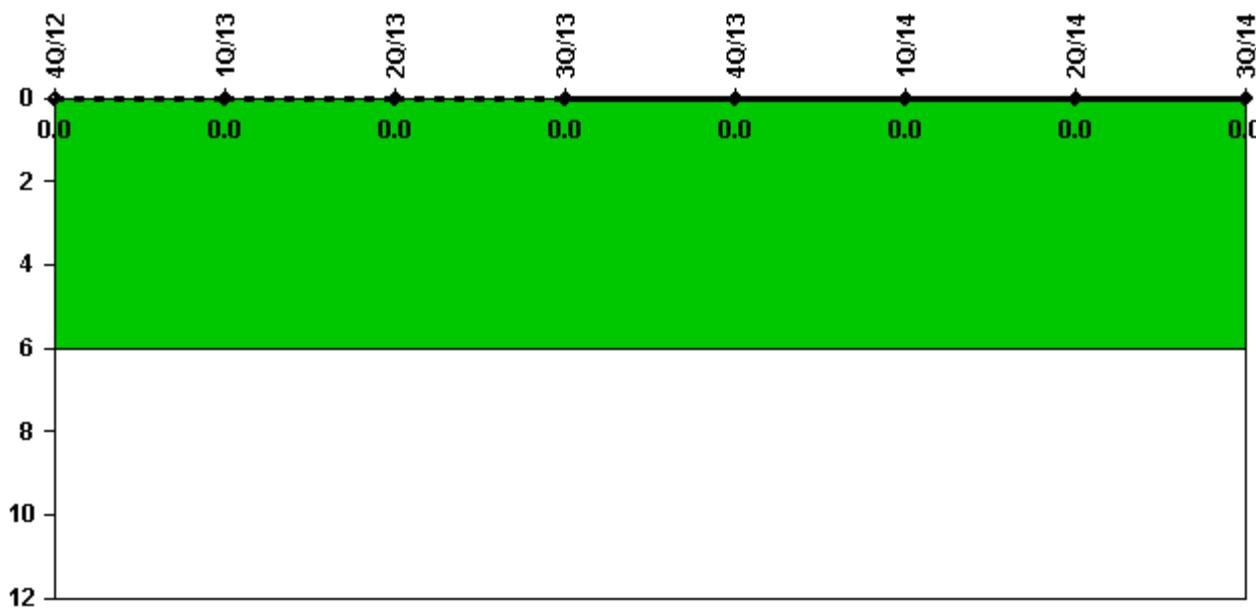
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned scrams	0	1.0	0	0	1.0	0	0	0
Critical hours	2209.0	1719.4	1688.1	2208.0	2170.6	2159.0	2184.0	1780.2
Indicator value	0	0.8	0.9	0.9	1.8	0.9	0.8	0.8

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

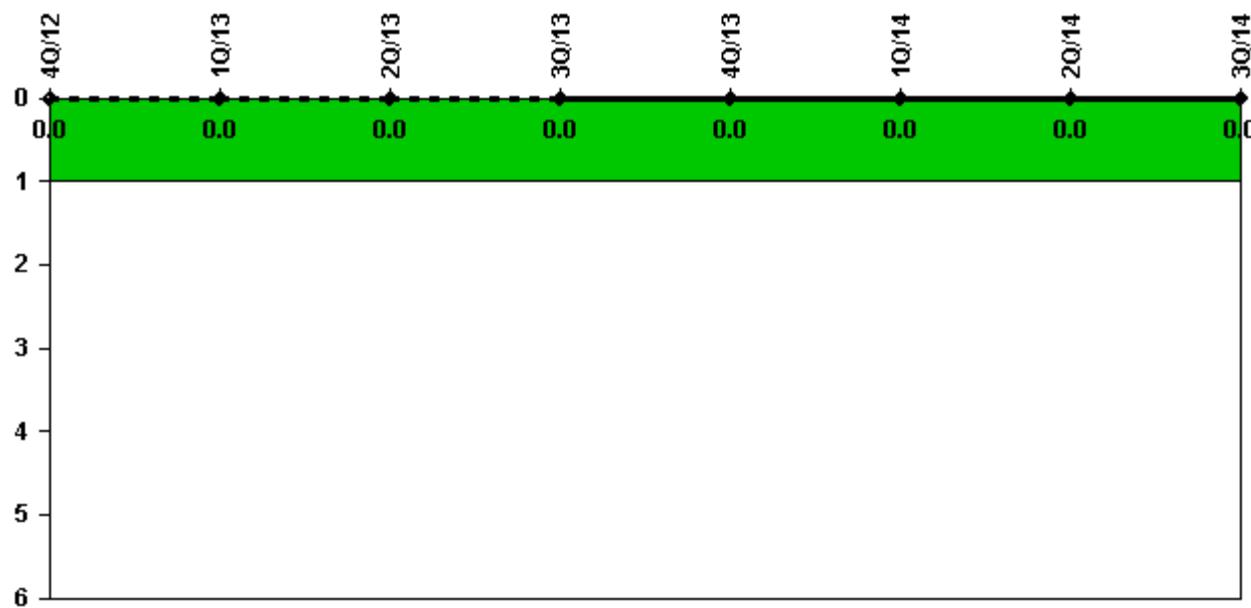
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	1719.4	1688.1	2208.0	2170.6	2159.0	2184.0	1780.2
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



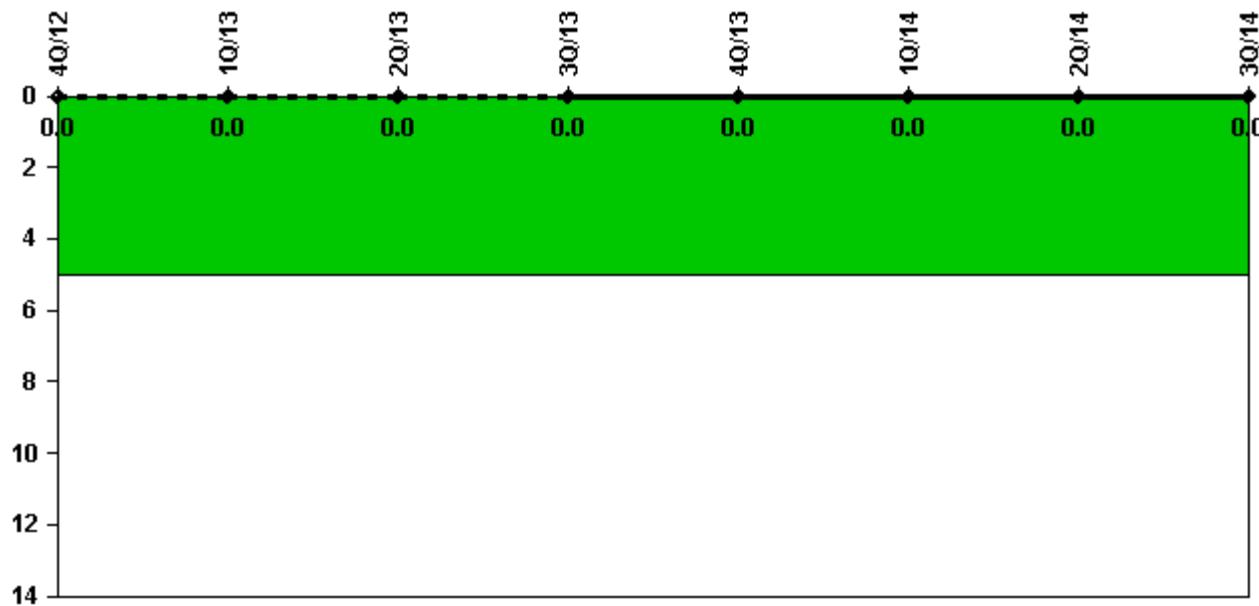
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



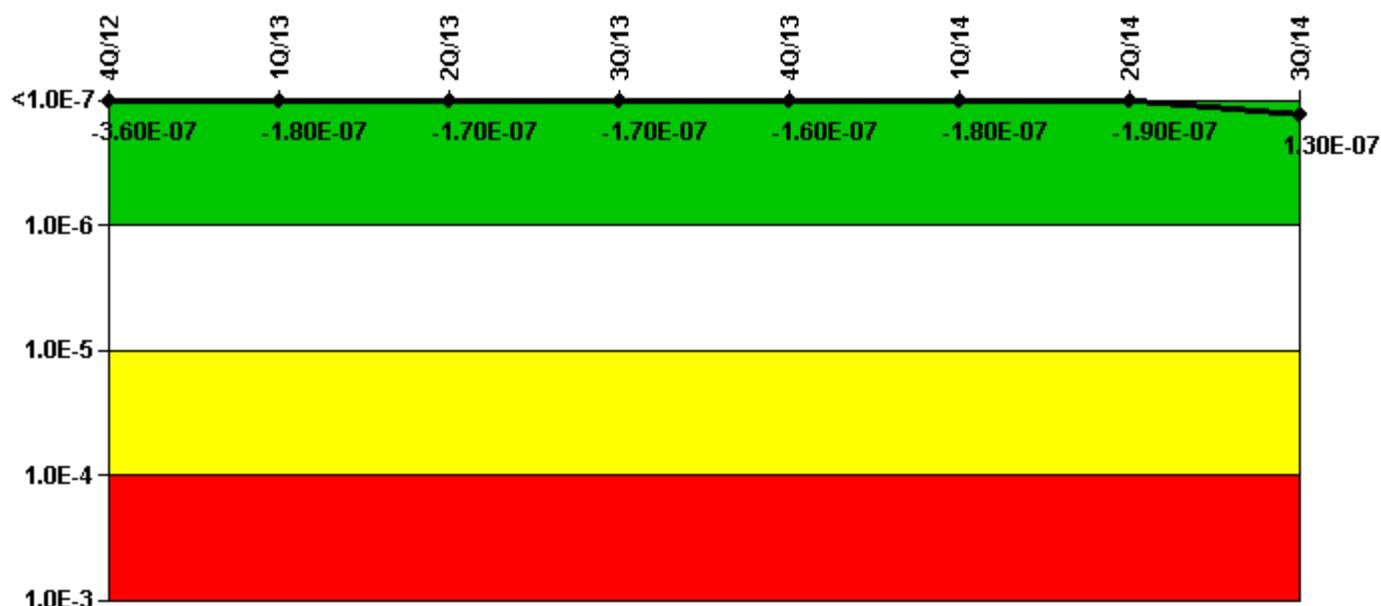
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

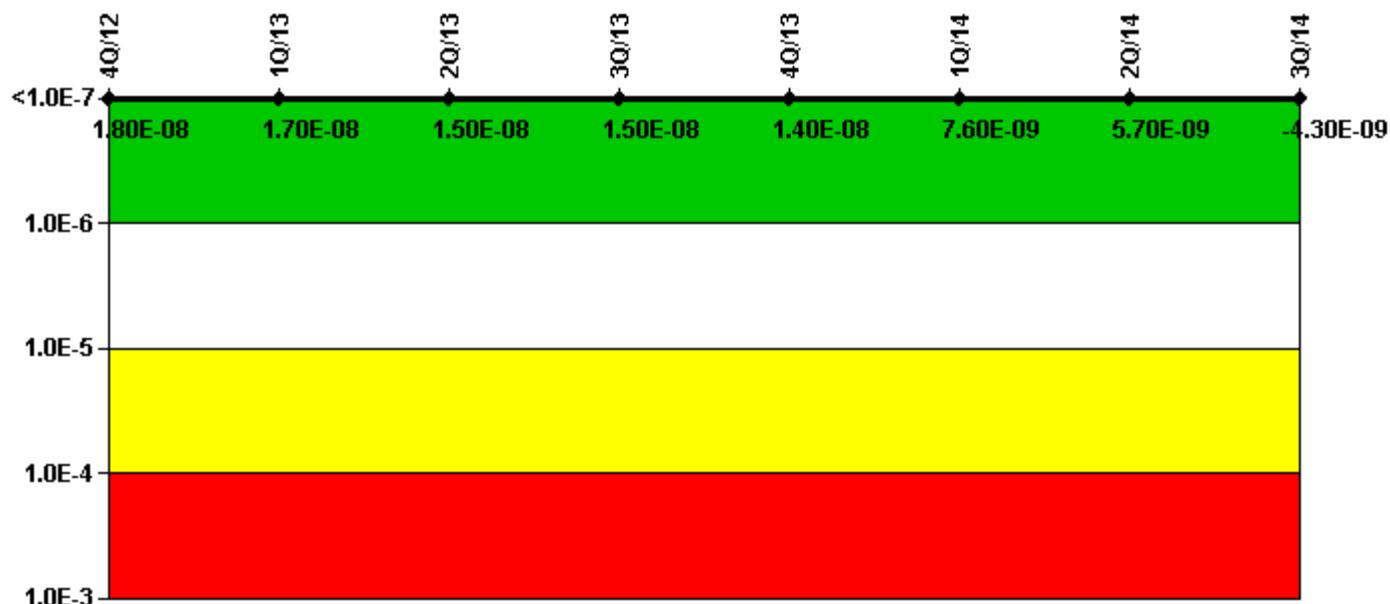
Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	3.02E-08	1.13E-08	1.83E-08	2.26E-08	2.50E-08	1.18E-08	-1.58E-09	3.88E-08
URI (Δ CDF)	-3.94E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	9.47E-08
PLE	NO	NO						
Indicator value	-3.60E-07	-1.80E-07	-1.70E-07	-1.70E-07	-1.60E-07	-1.80E-07	-1.90E-07	1.30E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, High Pressure Injection System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

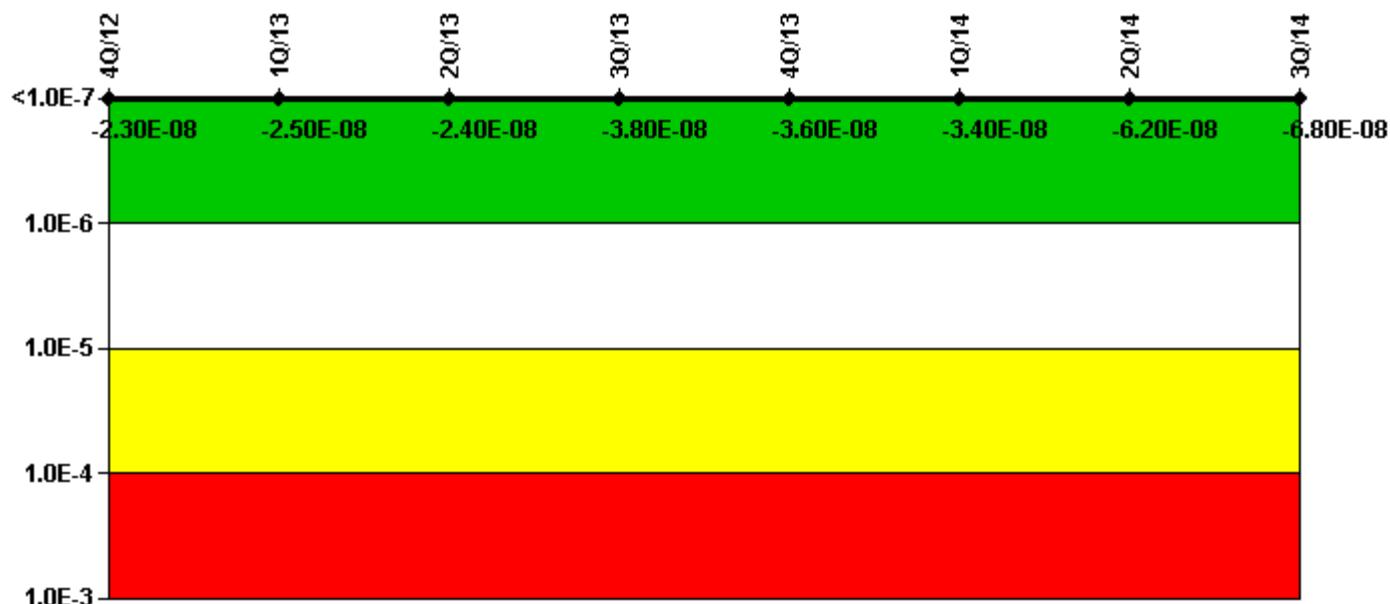
Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	3.25E-08	2.82E-08	2.67E-08	2.65E-08	2.52E-08	1.91E-08	1.72E-08	7.30E-09
URI (Δ CDF)	-1.50E-08	-1.16E-08						
PLE	NO							
Indicator value	1.80E-08	1.70E-08	1.50E-08	1.50E-08	1.40E-08	7.60E-09	5.70E-09	-4.30E-09

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

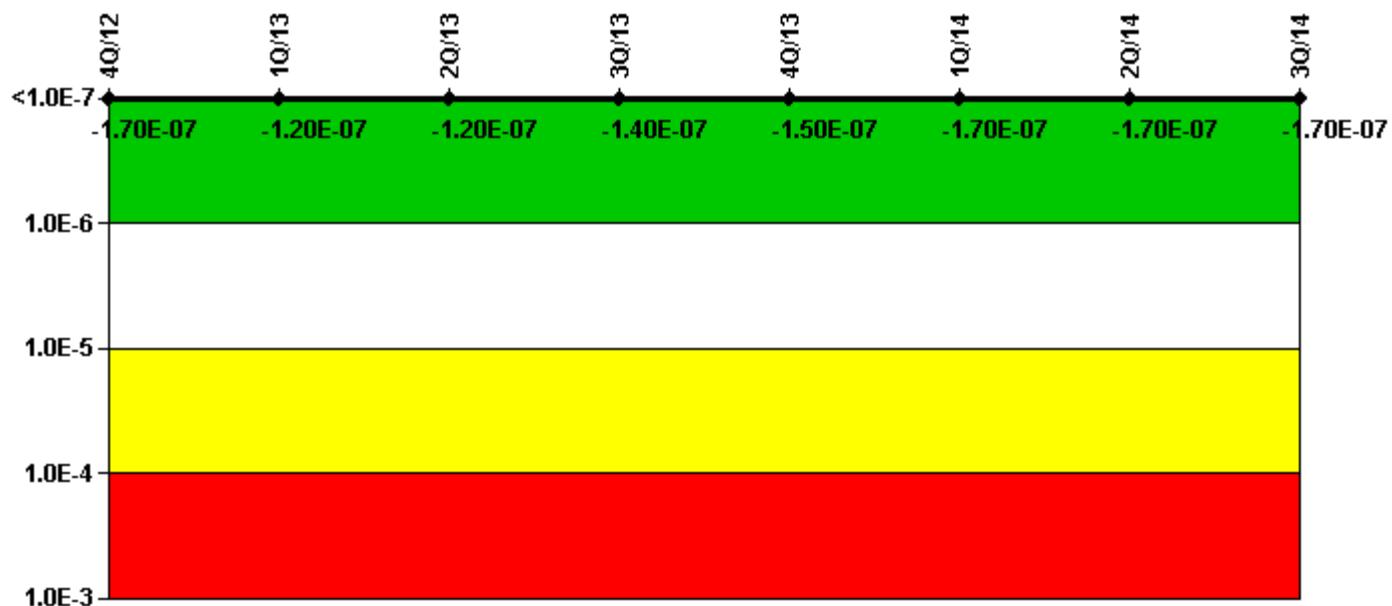
Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	1.71E-07	1.14E-07	1.15E-07	1.01E-07	1.03E-07	1.06E-07	7.69E-08	7.14E-08
URI (Δ CDF)	-1.94E-07	-1.39E-07						
PLE	NO							
Indicator value	-2.30E-08	-2.50E-08	-2.40E-08	-3.80E-08	-3.60E-08	-3.40E-08	-6.20E-08	-6.80E-08

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

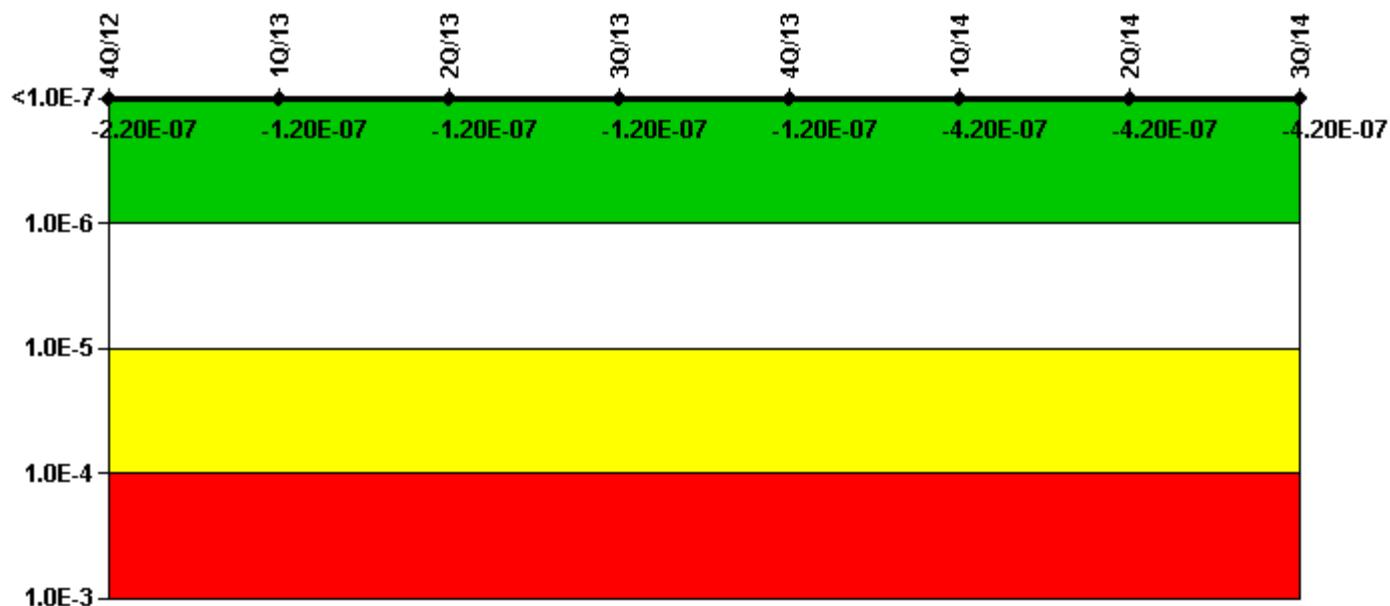
Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	-1.56E-08	1.49E-08	1.55E-08	-5.92E-09	-1.45E-08	-3.28E-08	-3.28E-08	-3.28E-08
URI (Δ CDF)	-1.56E-07	-1.35E-07						
PLE	NO							
Indicator value	-1.70E-07	-1.20E-07	-1.20E-07	-1.40E-07	-1.50E-07	-1.70E-07	-1.70E-07	-1.70E-07

Licensee Comments:

4Q/12: PRA updates for 2013

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

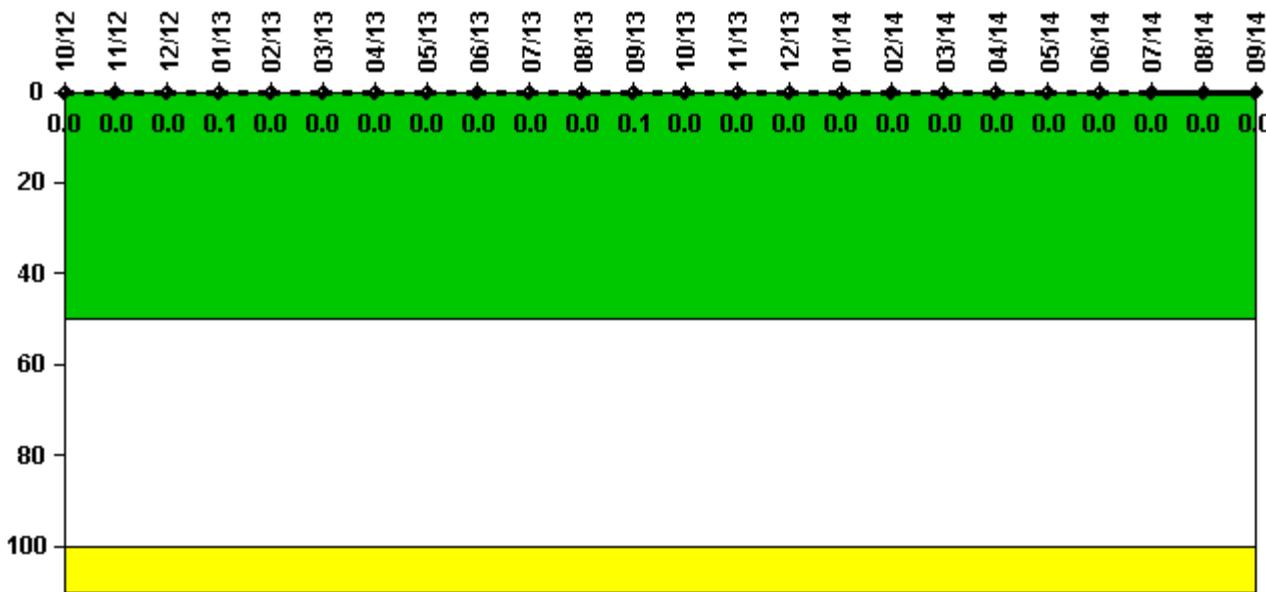
Mitigating Systems Performance Index, Cooling Water Systems	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
UAI (Δ CDF)	3.97E-07	2.97E-07	2.98E-07	2.98E-07	2.98E-07	1.97E-09	1.65E-09	3.69E-10
URI (Δ CDF)	-6.16E-07	-4.18E-07						
PLE	NO							
Indicator value	-2.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-4.20E-07	-4.20E-07	-4.20E-07

Licensee Comments:

4Q/12: PRA updates for 2013

4Q/12: PRA updates for 2013

Reactor Coolant System Activity

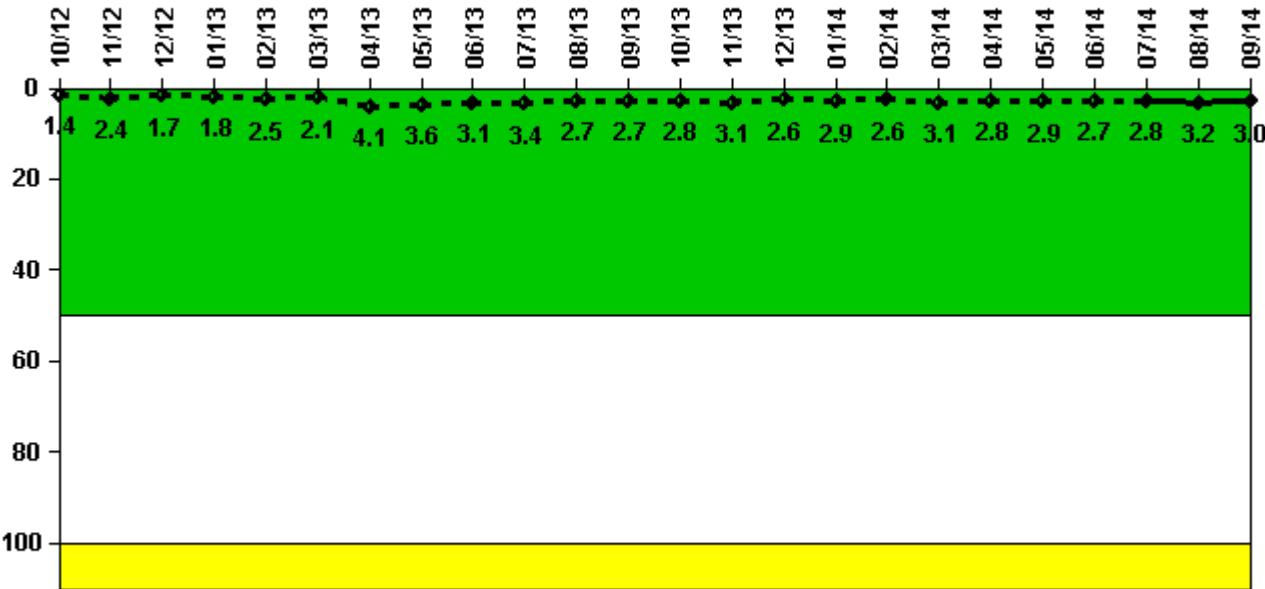


Thresholds: White > 50.0 Yellow > 100.0

Notes

Licensee Comments: none

Reactor Coolant System Leakage



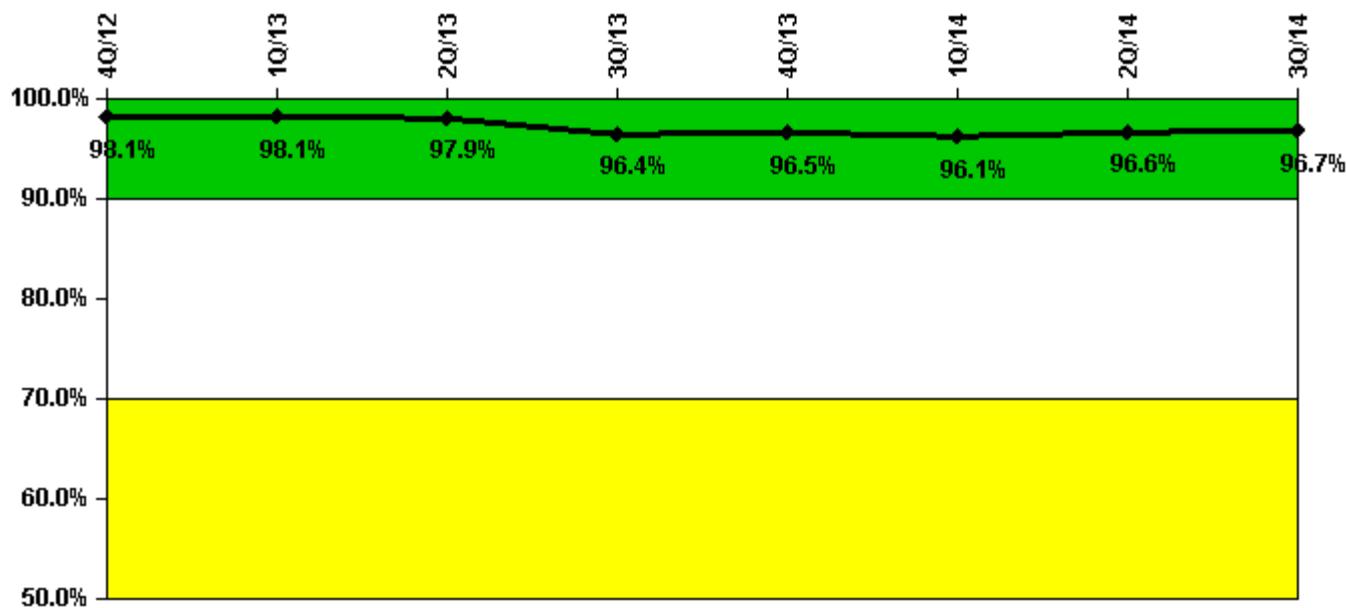
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/12	11/12	12/12	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13
Maximum leakage	0.140	0.238	0.170	0.184	0.254	0.211	0.405	0.355	0.314	0.340	0.269	0.271
Indicator value	1.4	2.4	1.7	1.8	2.5	2.1	4.1	3.6	3.1	3.4	2.7	2.7
Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.284	0.307	0.258	0.291	0.259	0.305	0.283	0.287	0.272	0.278	0.317	0.304
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	3.1	2.6	2.9	2.6	3.1	2.8	2.9	2.7	2.8	3.2	3.0

Licensee Comments: none

Drill/Exercise Performance



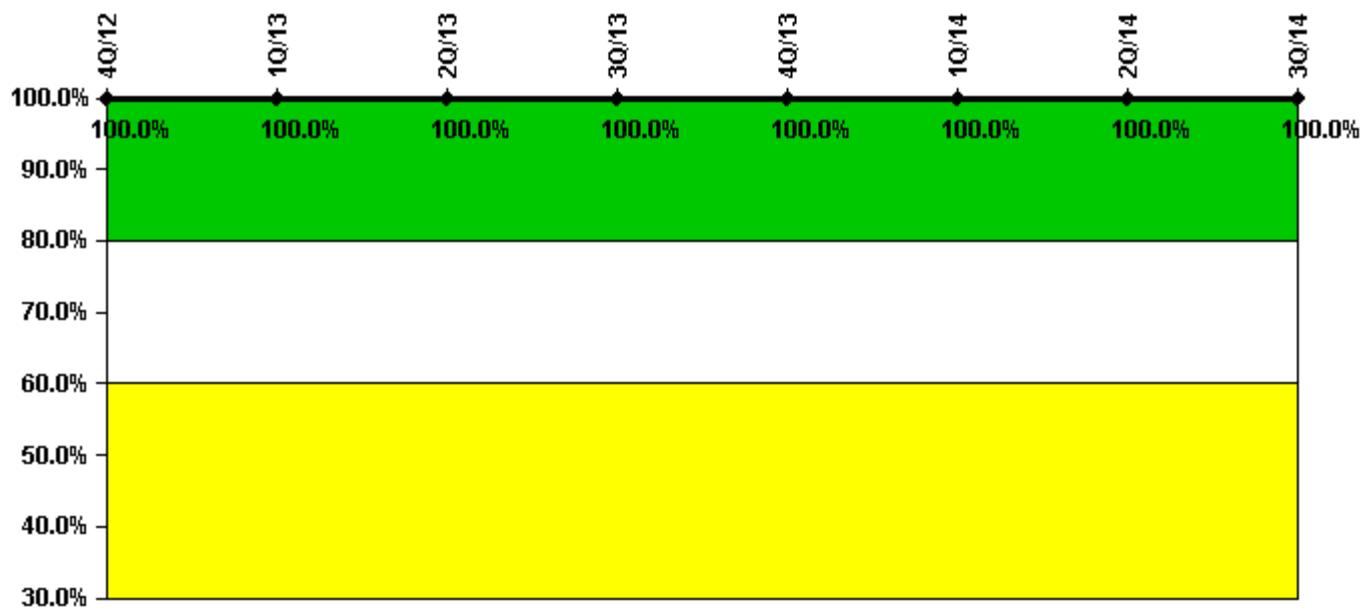
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful opportunities	57.0	8.0	44.0	33.0	73.0	20.0	38.0	49.0
Total opportunities	57.0	8.0	47.0	37.0	74.0	22.0	38.0	50.0
Indicator value	98.1%	98.1%	97.9%	96.4%	96.5%	96.1%	96.6%	96.7%

Licensee Comments: none

ERO Drill Participation



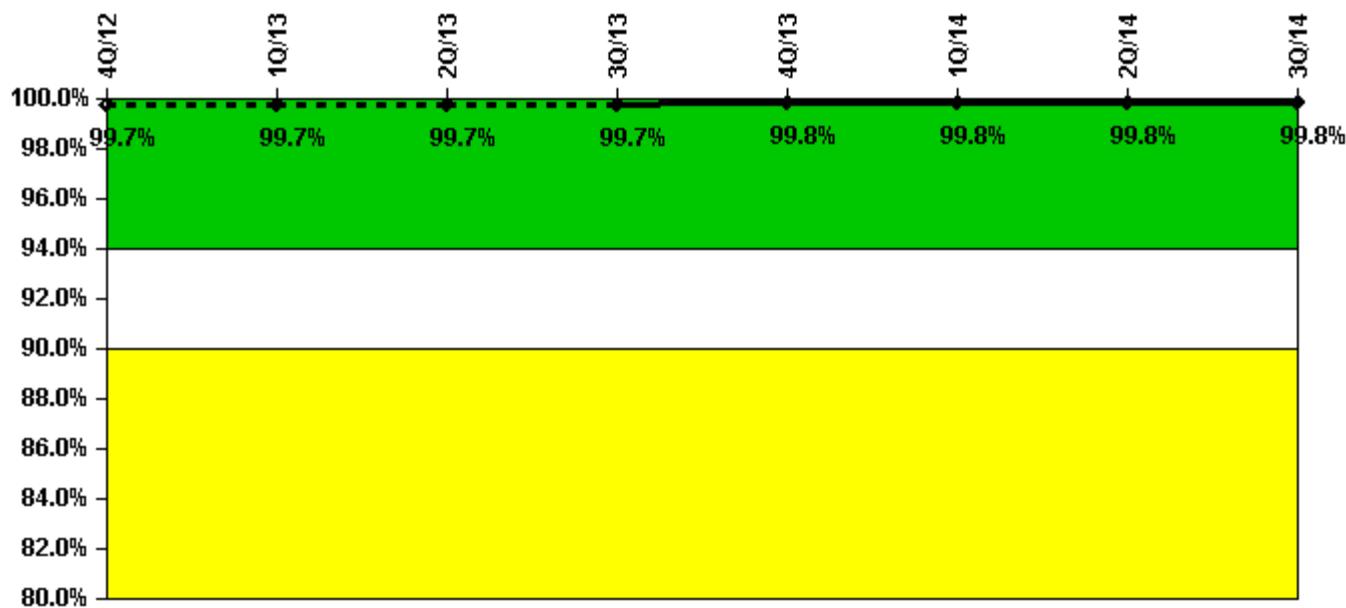
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Participating Key personnel	167.0	169.0	172.0	173.0	175.0	176.0	179.0	179.0
Total Key personnel	167.0	169.0	172.0	173.0	175.0	176.0	179.0	179.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



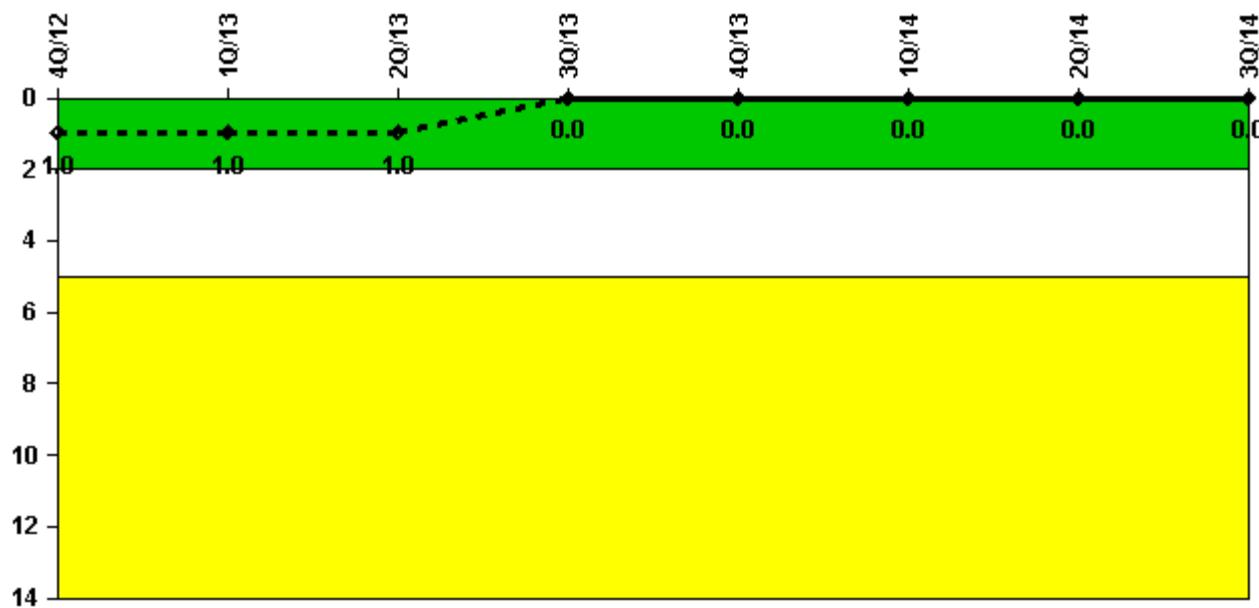
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
Successful siren-tests	1801	1801	1807	1807	1873	1735	1807	1876
Total sirens-tests	1809	1809	1809	1809	1876	1742	1809	1876
Indicator value	99.7%	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



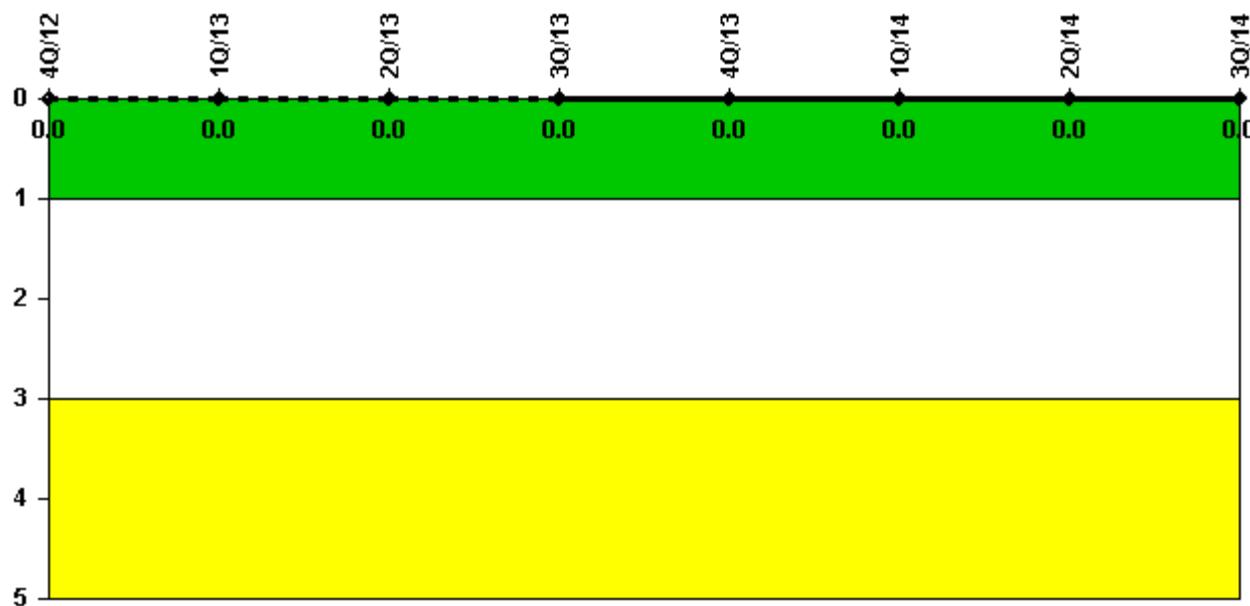
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	1	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/12	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: November 3, 2014

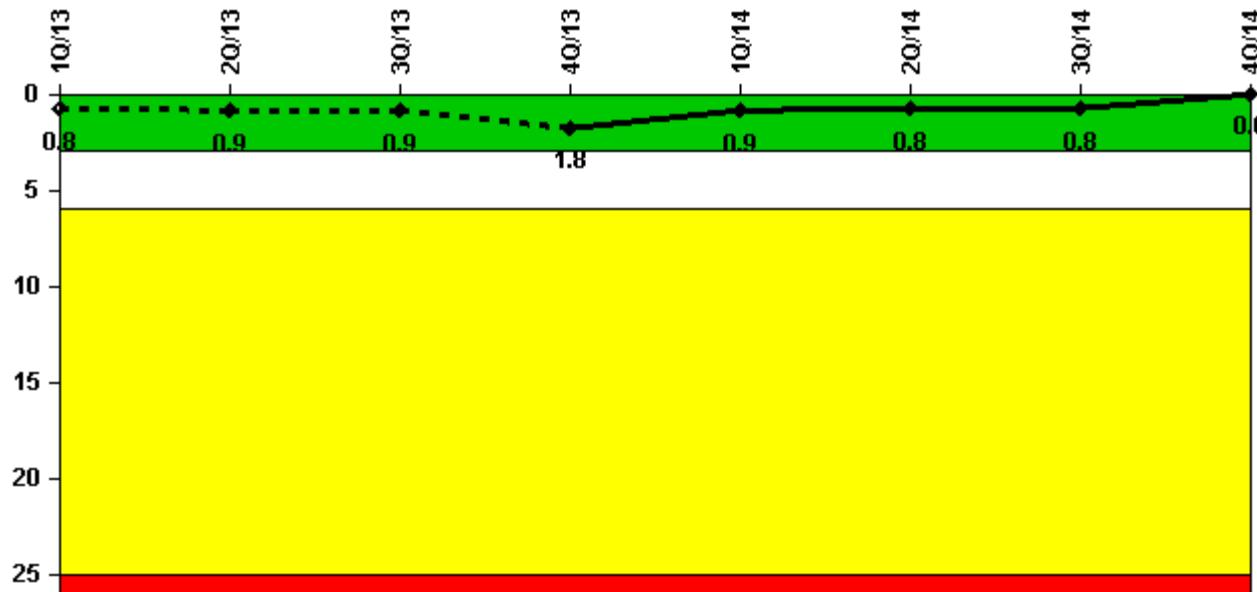
McGuire 1

4Q/2014 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



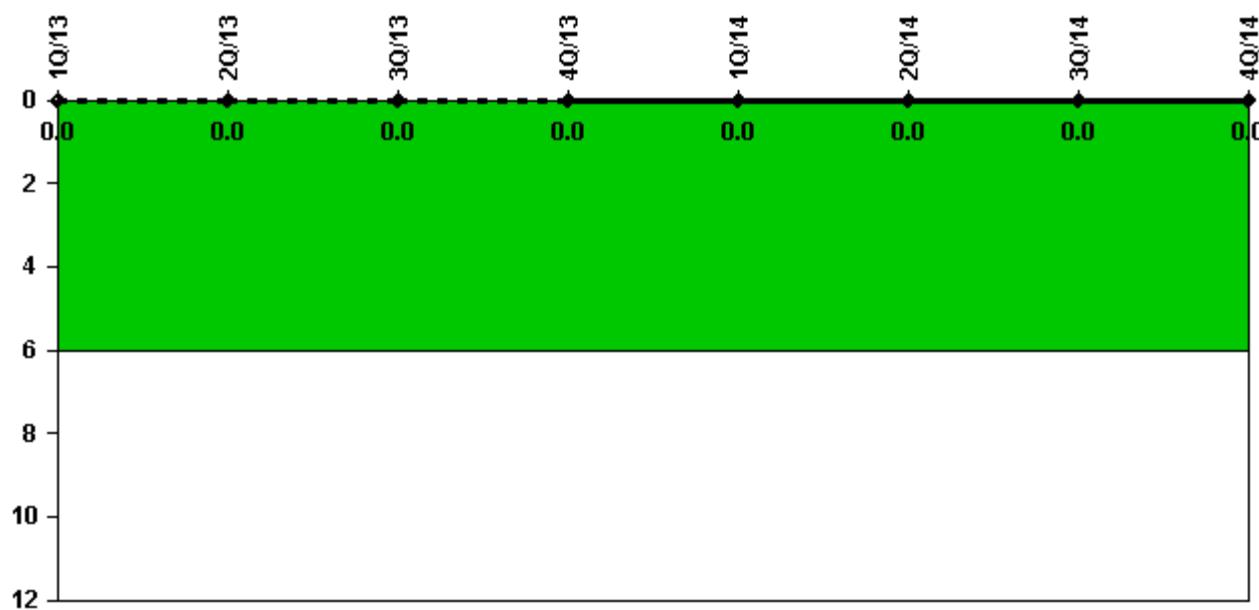
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned scrams	1.0	0	0	1.0	0	0	0	0
Critical hours	1719.4	1688.1	2208.0	2170.6	2159.0	2184.0	1780.2	1136.3
Indicator value	0.8	0.9	0.9	1.8	0.9	0.8	0.8	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

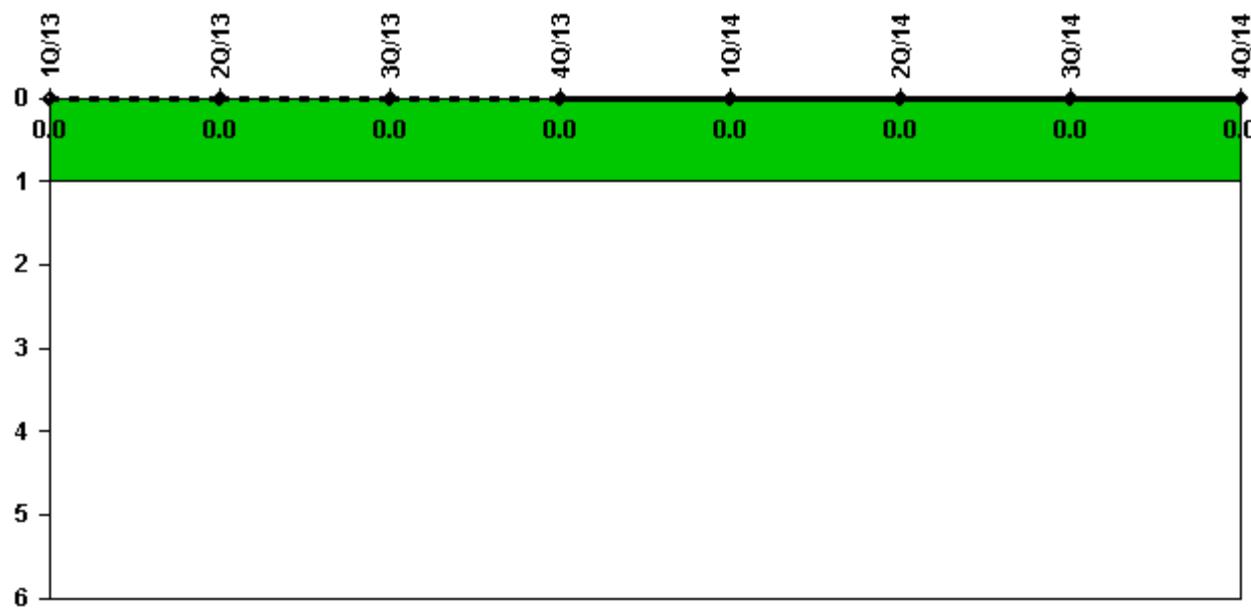
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1719.4	1688.1	2208.0	2170.6	2159.0	2184.0	1780.2	1136.3
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



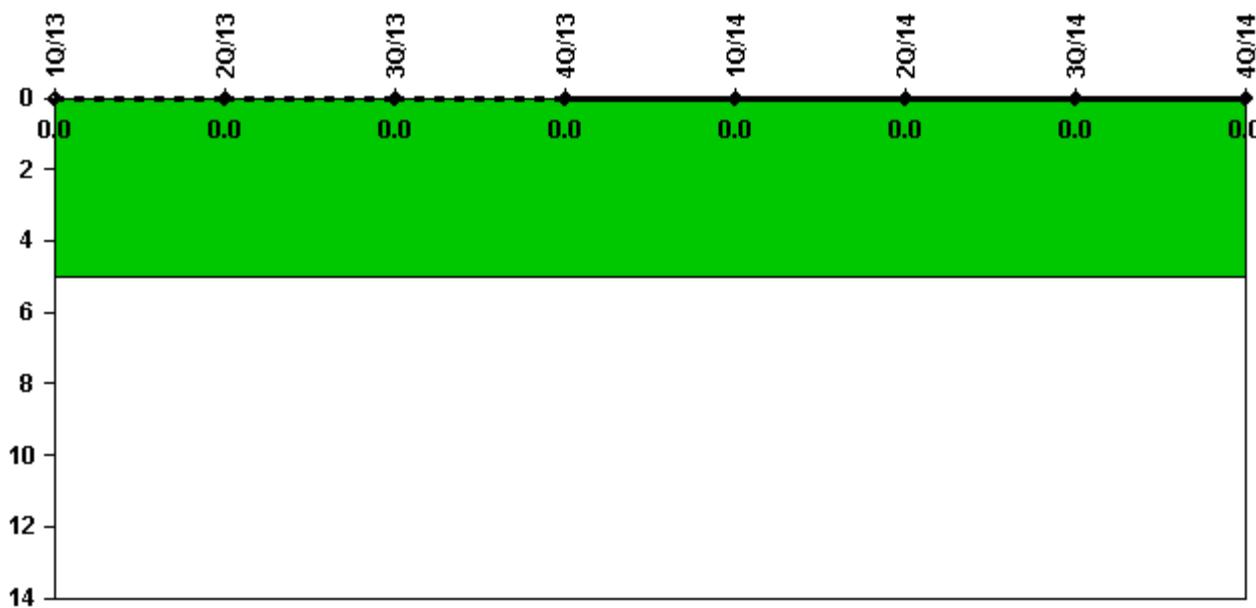
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



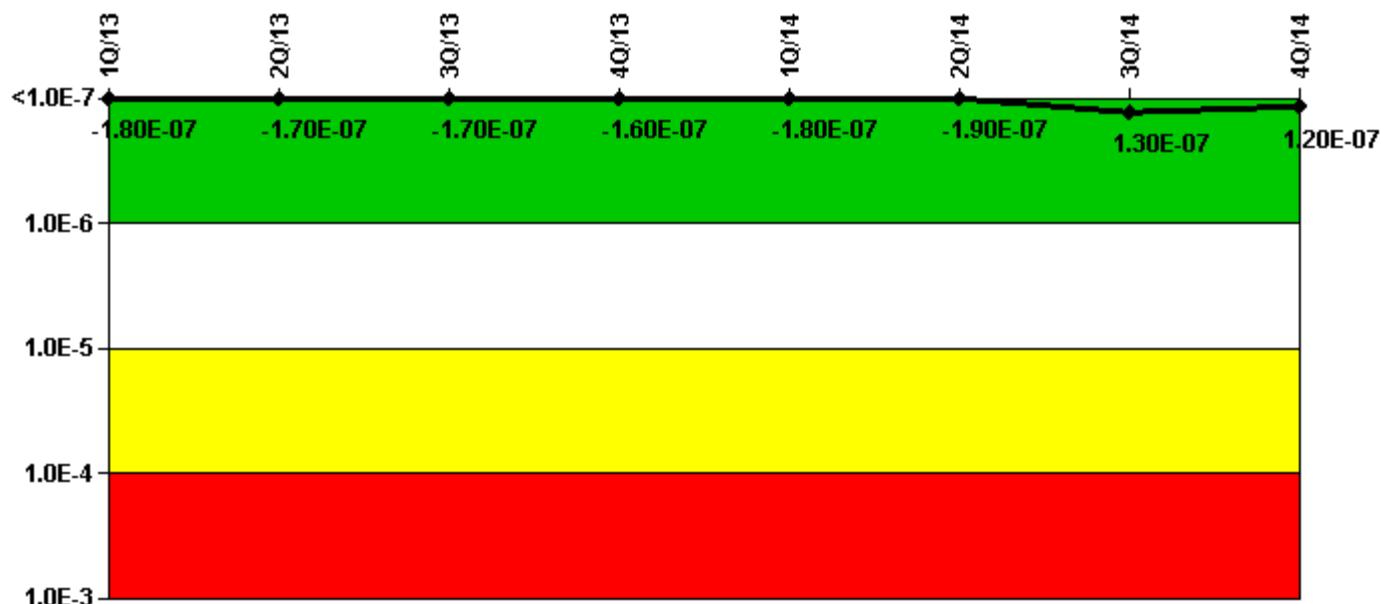
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



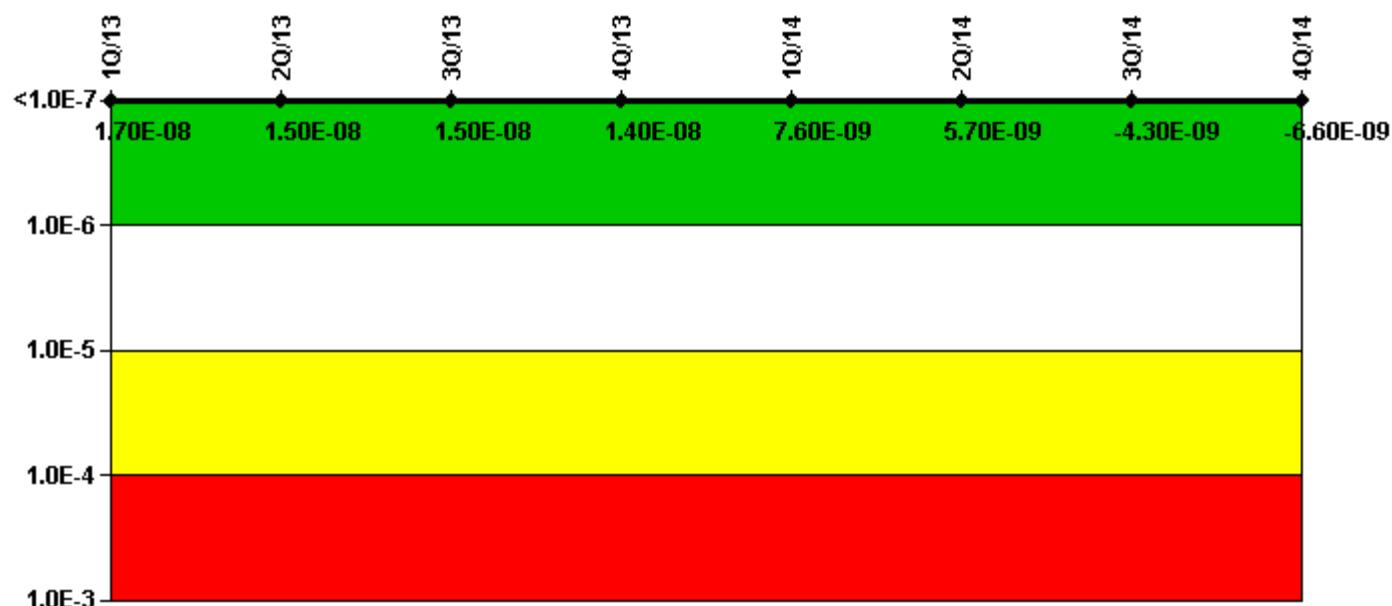
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.13E-08	1.83E-08	2.26E-08	2.50E-08	1.18E-08	-1.58E-09	3.88E-08	3.03E-08
URI (Δ CDF)	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	9.47E-08	9.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-07	-1.70E-07	-1.70E-07	-1.60E-07	-1.80E-07	-1.90E-07	1.30E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



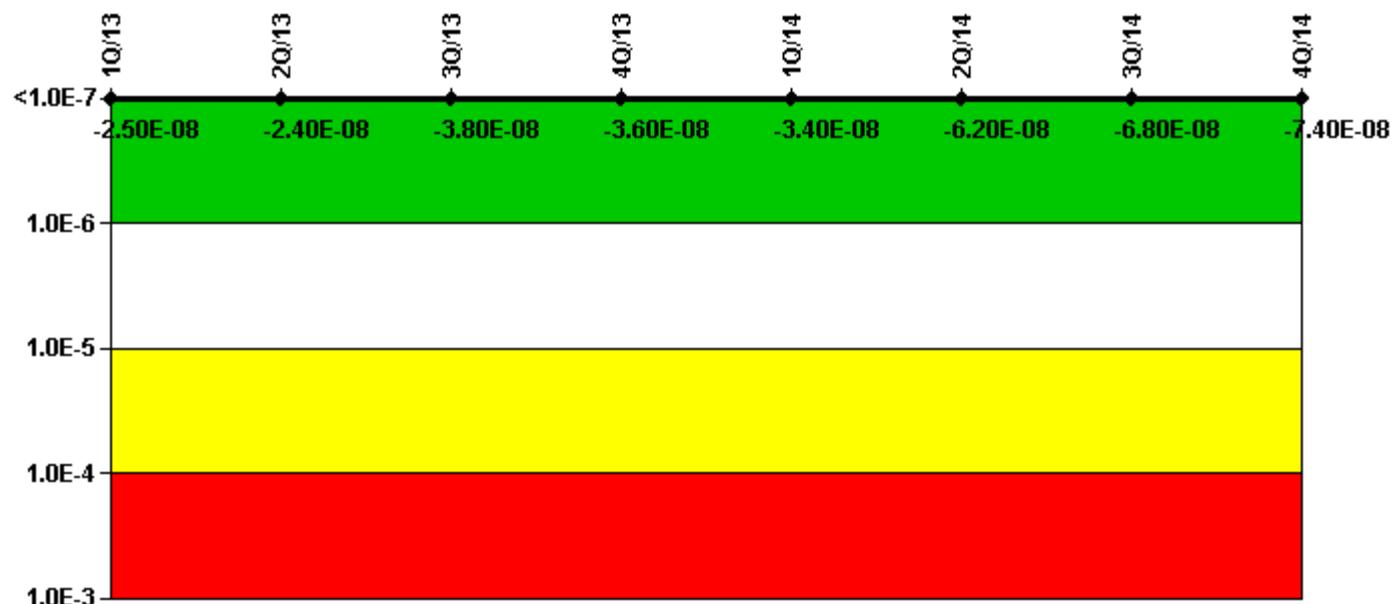
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.82E-08	2.67E-08	2.65E-08	2.52E-08	1.91E-08	1.72E-08	7.30E-09	4.98E-09
URI (Δ CDF)	-1.16E-08	-1.16E-08						
PLE	NO	NO						
Indicator value	1.70E-08	1.50E-08	1.50E-08	1.40E-08	7.60E-09	5.70E-09	-4.30E-09	-6.60E-09

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



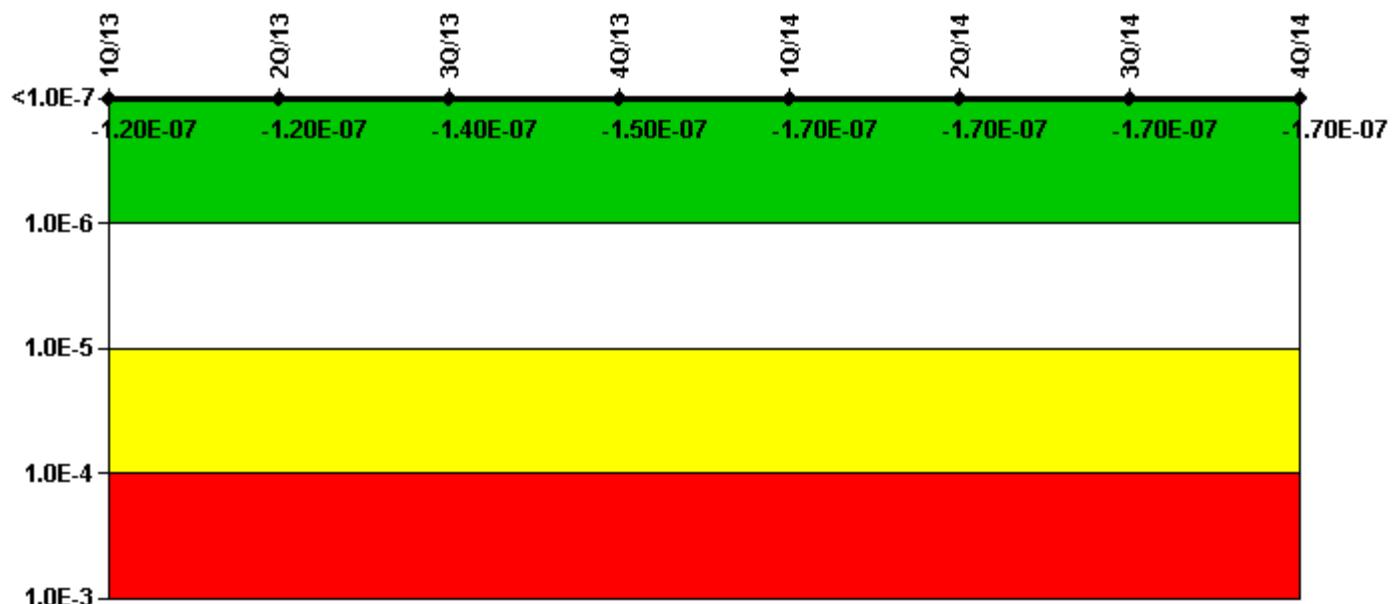
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.14E-07	1.15E-07	1.01E-07	1.03E-07	1.06E-07	7.69E-08	7.14E-08	6.51E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-2.50E-08	-2.40E-08	-3.80E-08	-3.60E-08	-3.40E-08	-6.20E-08	-6.80E-08	-7.40E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



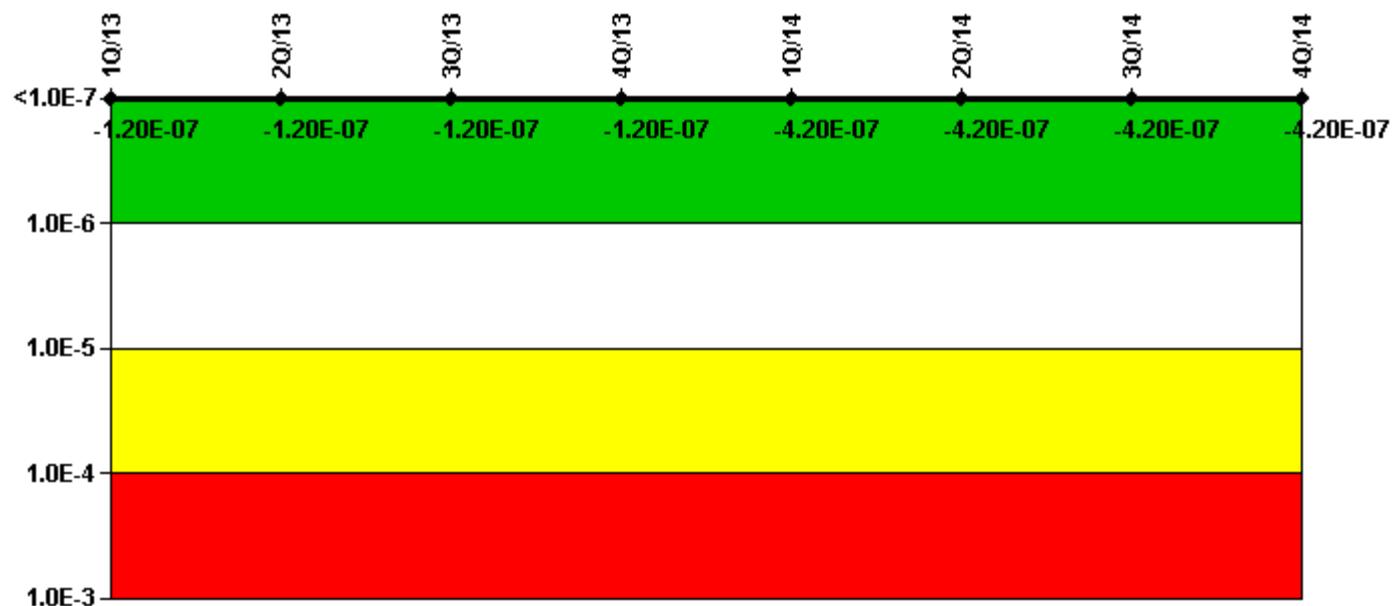
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	1.49E-08	1.55E-08	-5.92E-09	-1.45E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.20E-07	-1.20E-07	-1.40E-07	-1.50E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



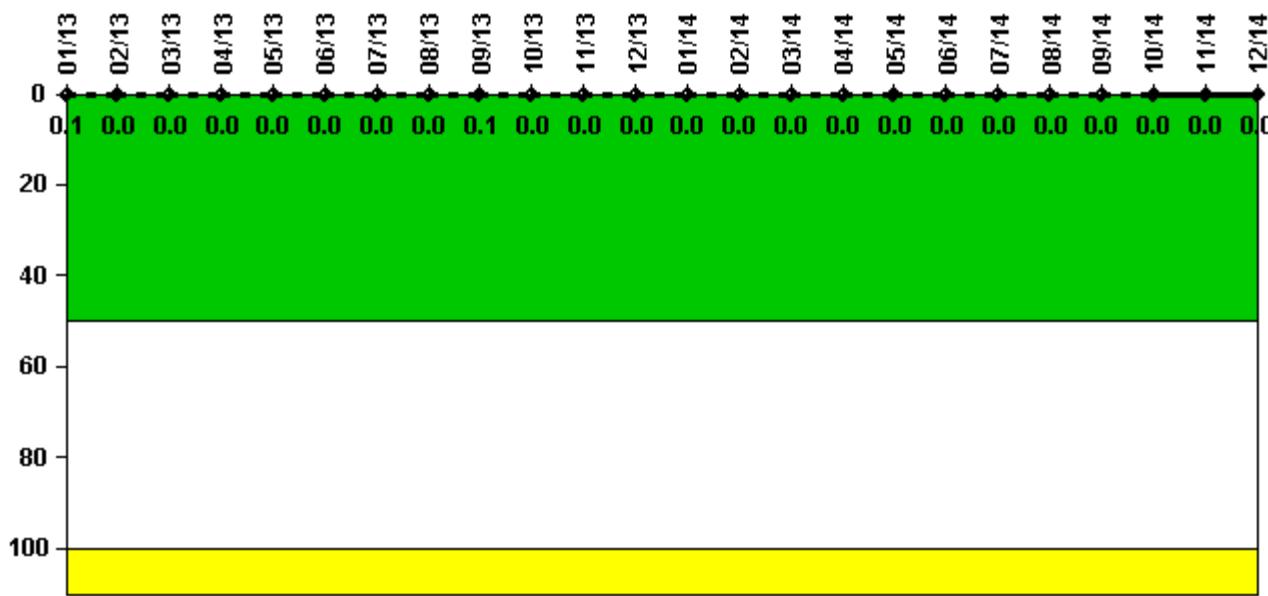
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
UAI (Δ CDF)	2.97E-07	2.98E-07	2.98E-07	2.98E-07	1.97E-09	1.65E-09	3.69E-10	2.89E-10
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-1.20E-07	-1.20E-07	-1.20E-07	-1.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07

Licensee Comments: none

Reactor Coolant System Activity



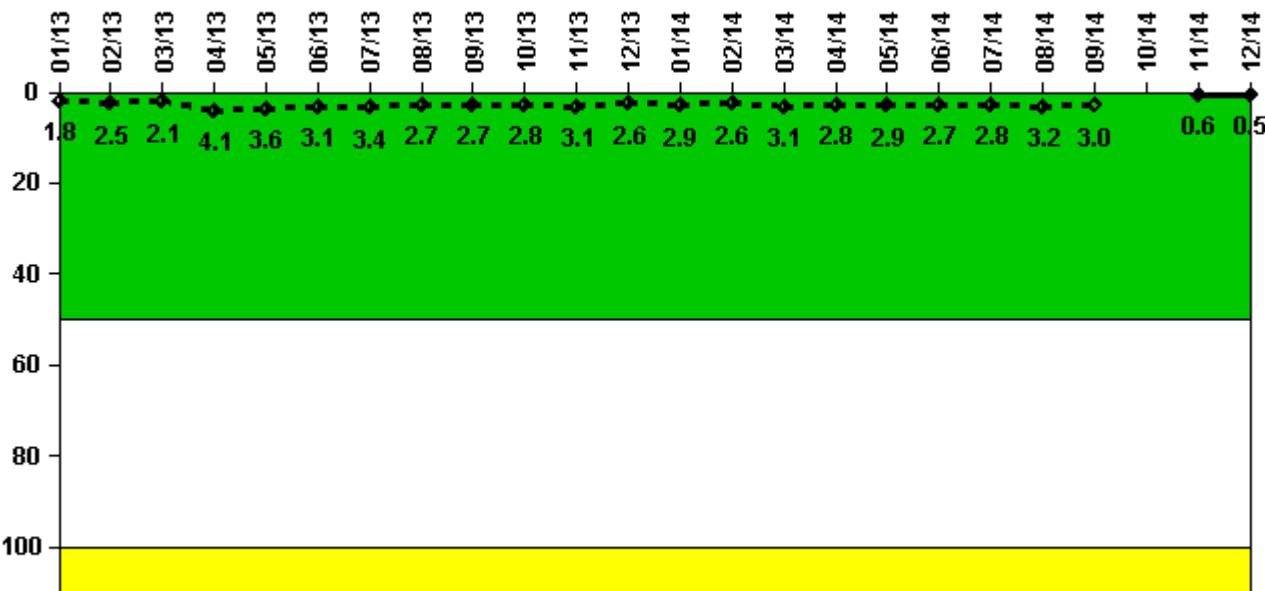
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum activity	0.000684	0.000267	0.000208	0.000097	0.000135	0.000468	0.000143	0.000362	0.000758	0.000144	0.000159	0.000338
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0	0.1	0	0	0
Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000175	0.000174	0.000187	0.000175	0.000331	0.000198	0.000196	0.000193	0.000194	0	0.000098	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



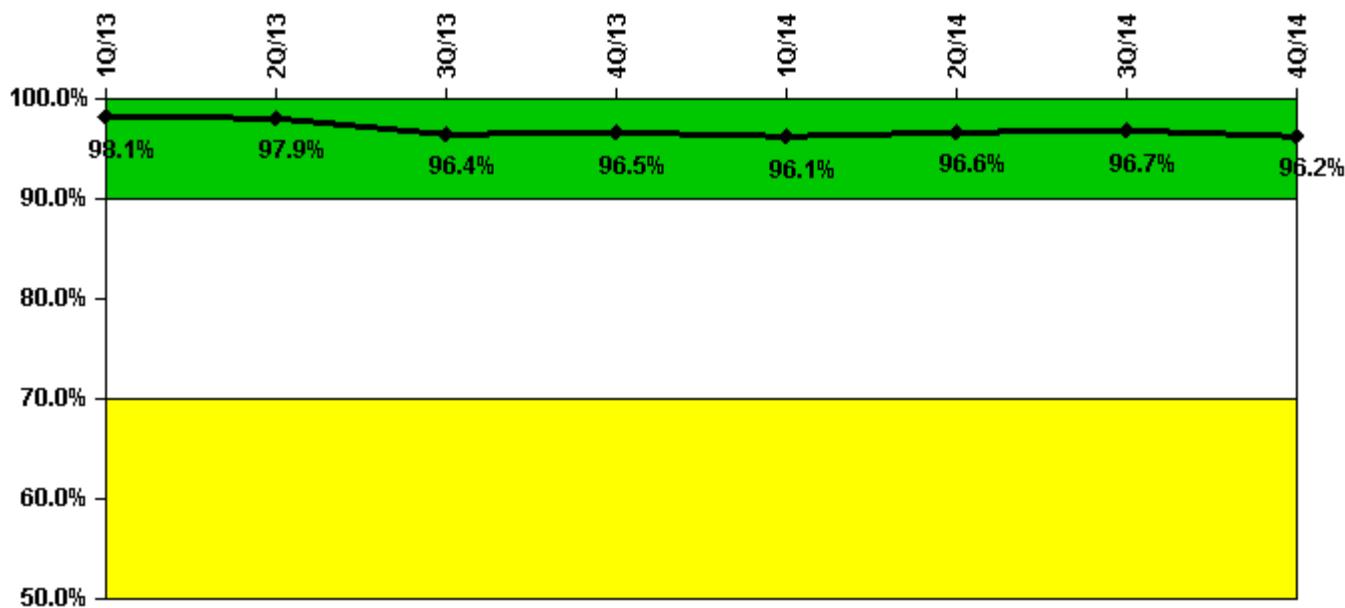
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/13	2/13	3/13	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13
Maximum leakage	0.184	0.254	0.211	0.405	0.355	0.314	0.340	0.269	0.271	0.284	0.307	0.258
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	1.8	2.5	2.1	4.1	3.6	3.1	3.4	2.7	2.7	2.8	3.1	2.6
Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.291	0.259	0.305	0.283	0.287	0.272	0.278	0.317	0.304	N/A	0.058	0.049
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	2.6	3.1	2.8	2.9	2.7	2.8	3.2	3.0	N/A	0.6	0.5

Licensee Comments: none

Drill/Exercise Performance



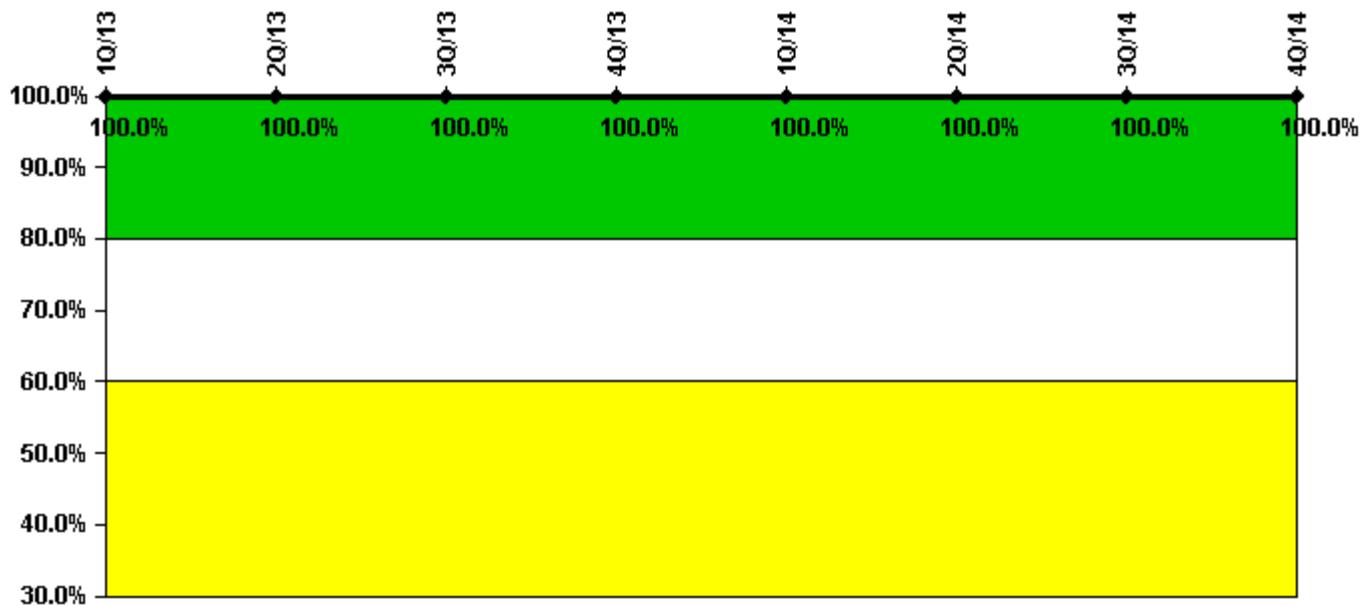
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful opportunities	8.0	44.0	33.0	73.0	20.0	38.0	49.0	12.0
Total opportunities	8.0	47.0	37.0	74.0	22.0	38.0	50.0	12.0
Indicator value	98.1%	97.9%	96.4%	96.5%	96.1%	96.6%	96.7%	96.2%

Licensee Comments: none

ERO Drill Participation



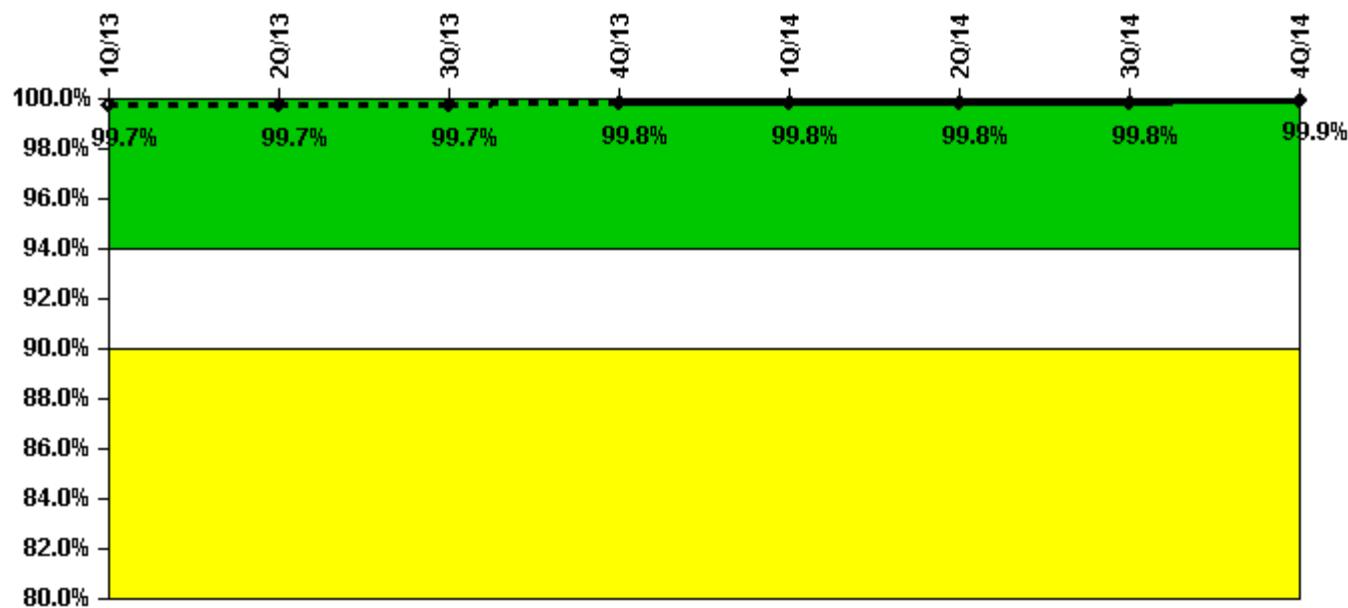
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Participating Key personnel	169.0	172.0	173.0	175.0	176.0	179.0	179.0	175.0
Total Key personnel	169.0	172.0	173.0	175.0	176.0	179.0	179.0	175.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



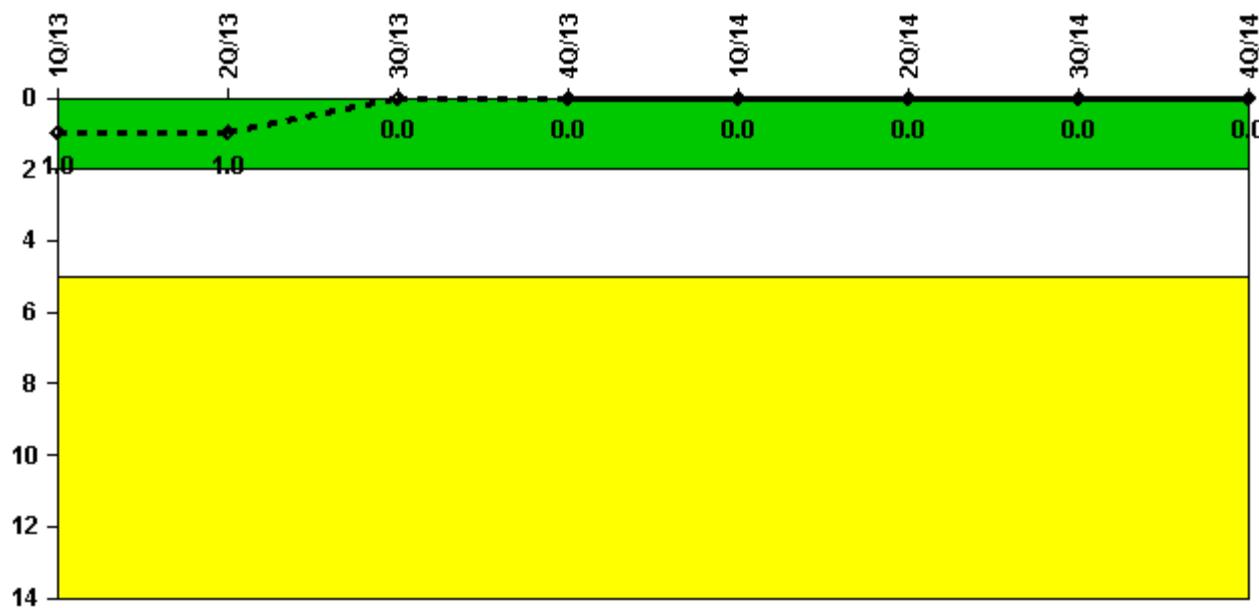
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
Successful siren-tests	1801	1807	1807	1873	1735	1807	1876	1809
Total sirens-tests	1809	1809	1809	1876	1742	1809	1876	1809
Indicator value	99.7%	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



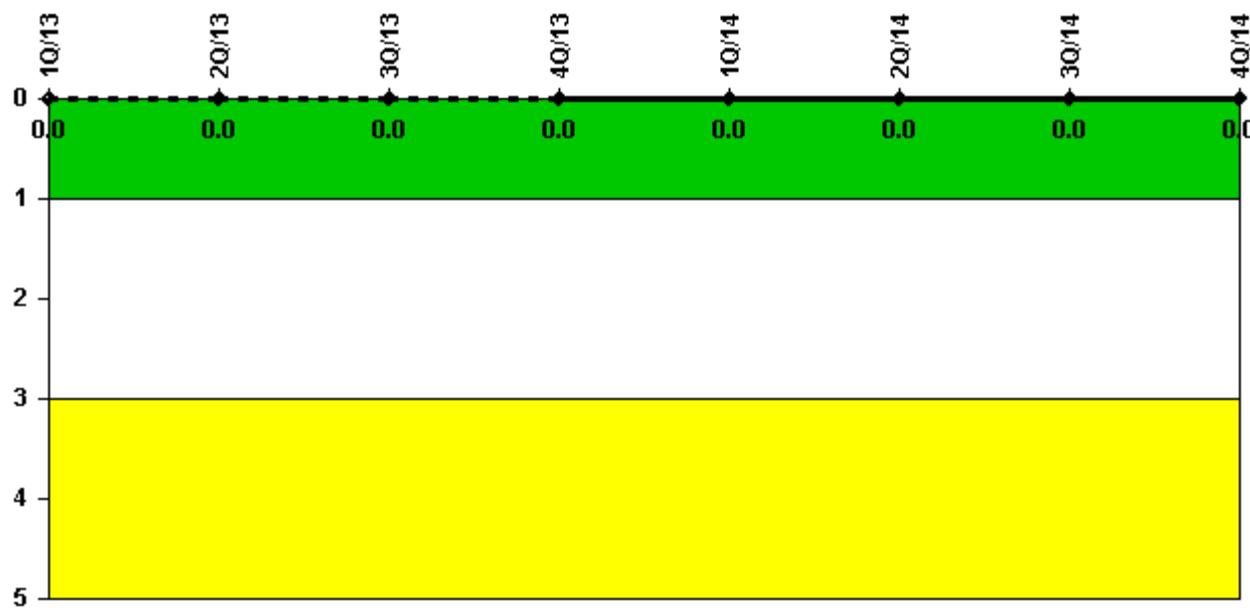
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	1	0	0	0	0	0	0

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/13	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

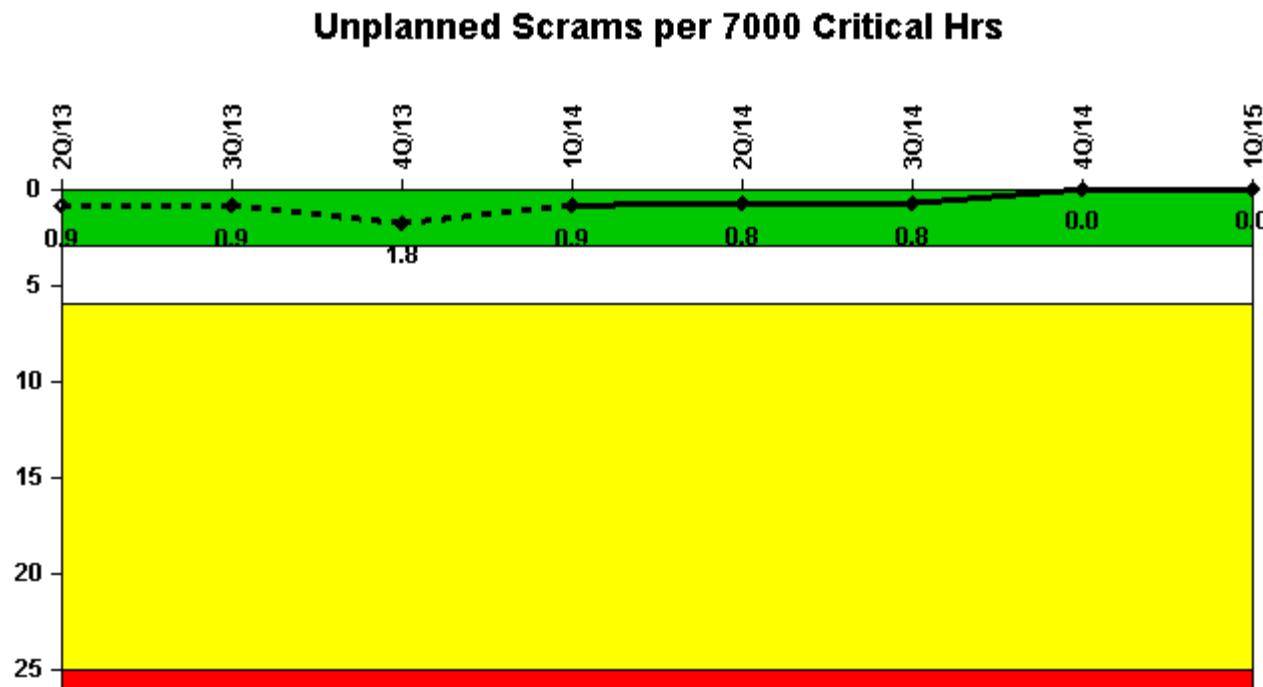
Last Modified: February 3, 2015

McGuire 1

1Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit1, Q1/2015, PI Data



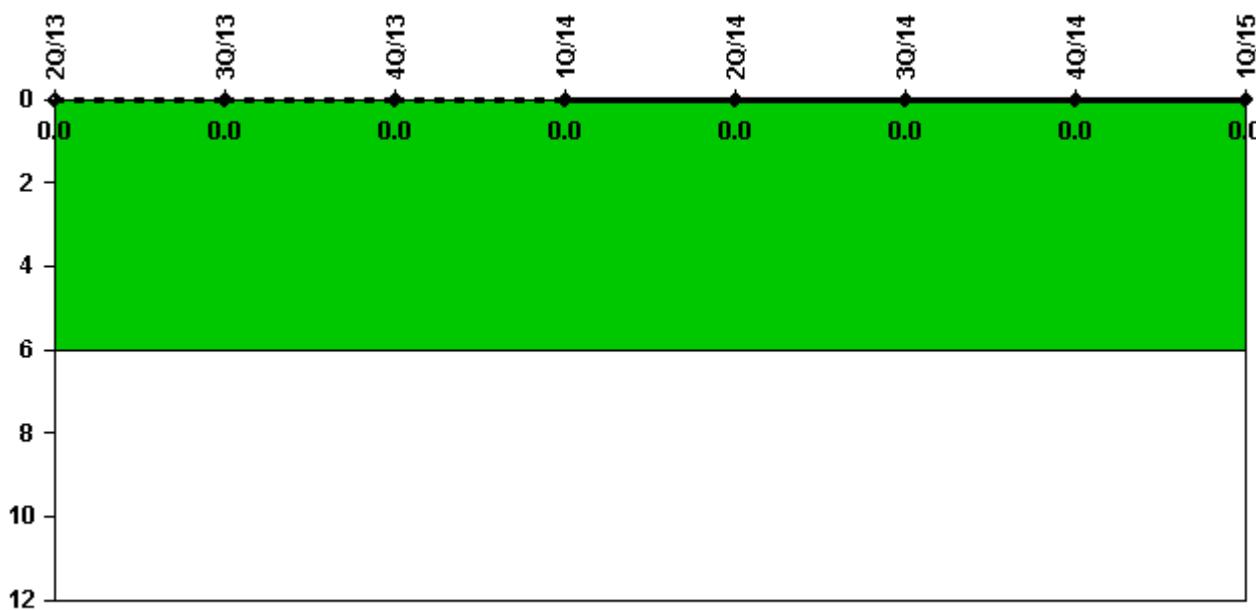
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned scrams	0	0	1.0	0	0	0	0	0
Critical hours	1688.1	2208.0	2170.6	2159.0	2184.0	1780.2	1136.3	2014.7
Indicator value	0.9	0.9	1.8	0.9	0.8	0.8	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

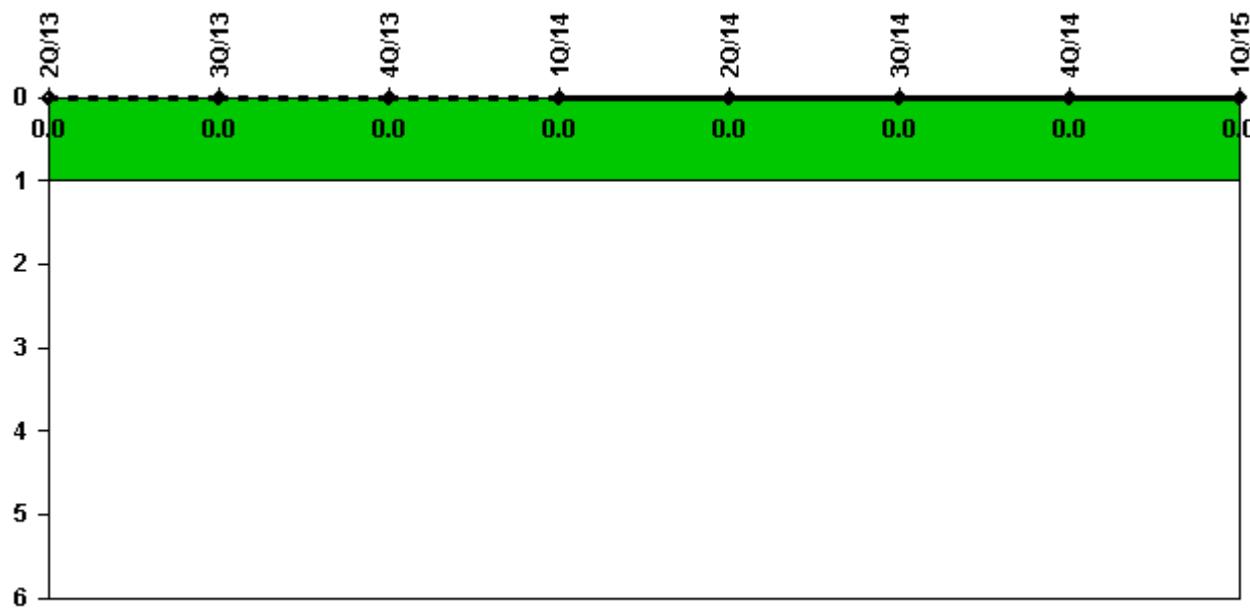
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1688.1	2208.0	2170.6	2159.0	2184.0	1780.2	1136.3	2014.7
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



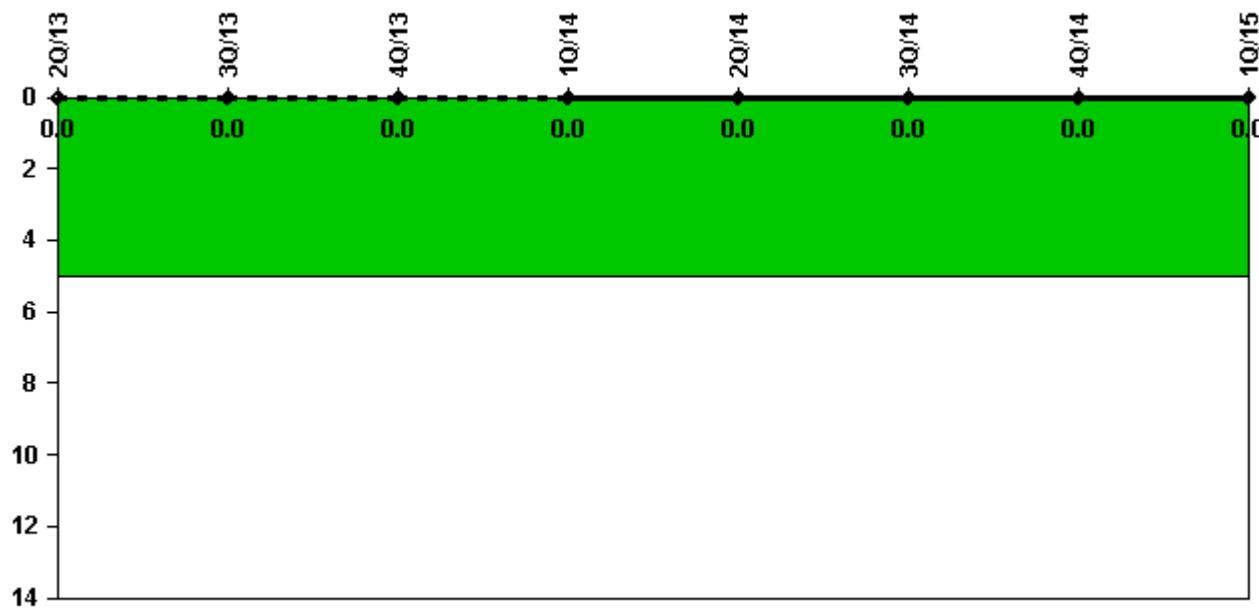
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



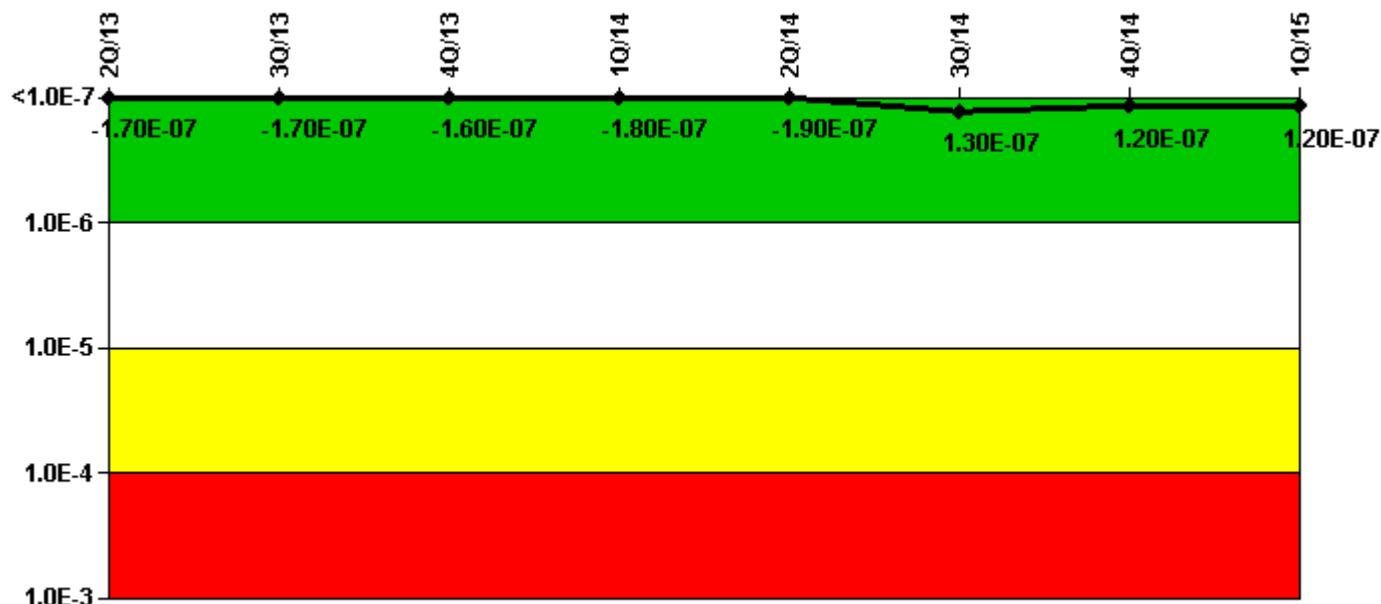
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



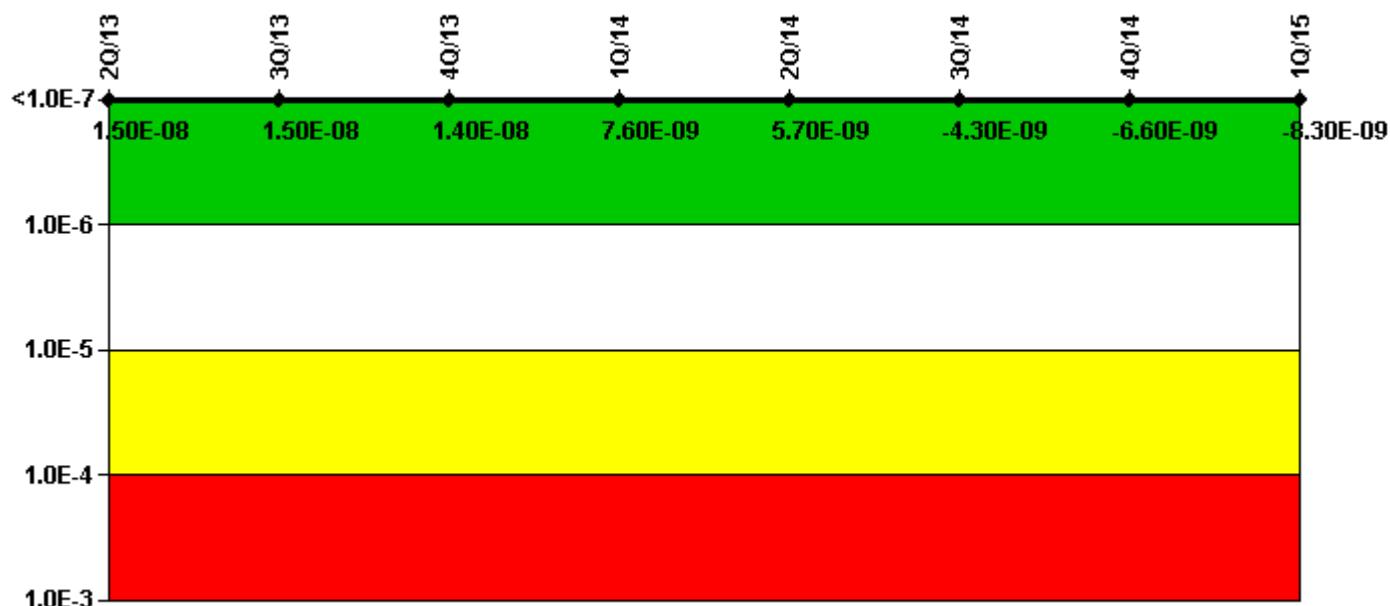
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.83E-08	2.26E-08	2.50E-08	1.18E-08	-1.58E-09	3.88E-08	3.03E-08	2.19E-08
URI (Δ CDF)	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	9.47E-08	9.47E-08	9.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-07	-1.70E-07	-1.60E-07	-1.80E-07	-1.90E-07	1.30E-07	1.20E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



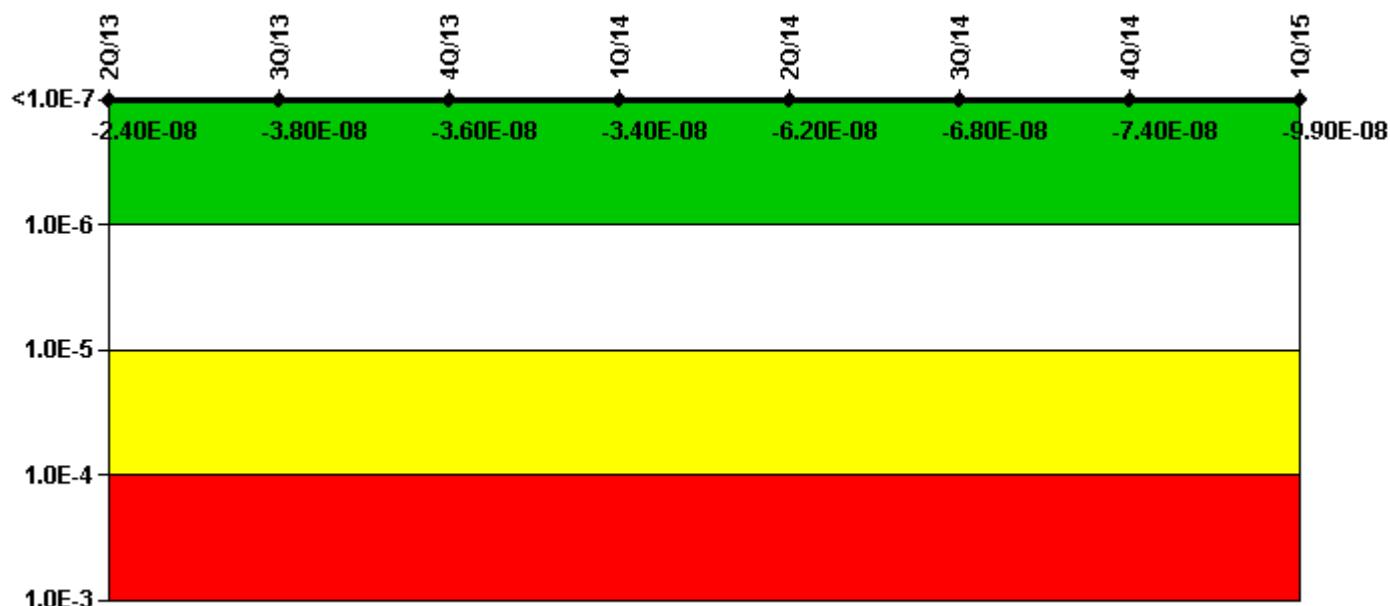
Thresholds: White > $1.00E-6$ Yellow > $1.00E-5$ Red > $1.00E-4$

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	$2.67E-08$	$2.65E-08$	$2.52E-08$	$1.91E-08$	$1.72E-08$	$7.30E-09$	$4.98E-09$	$3.22E-09$
URI (Δ CDF)	$-1.16E-08$	$-1.16E-08$	$-1.16E-08$	$-1.16E-08$	$-1.16E-08$	$-1.16E-08$	$-1.16E-08$	$-1.16E-08$
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	$1.50E-08$	$1.50E-08$	$1.40E-08$	$7.60E-09$	$5.70E-09$	$-4.30E-09$	$-6.60E-09$	$-8.30E-09$

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



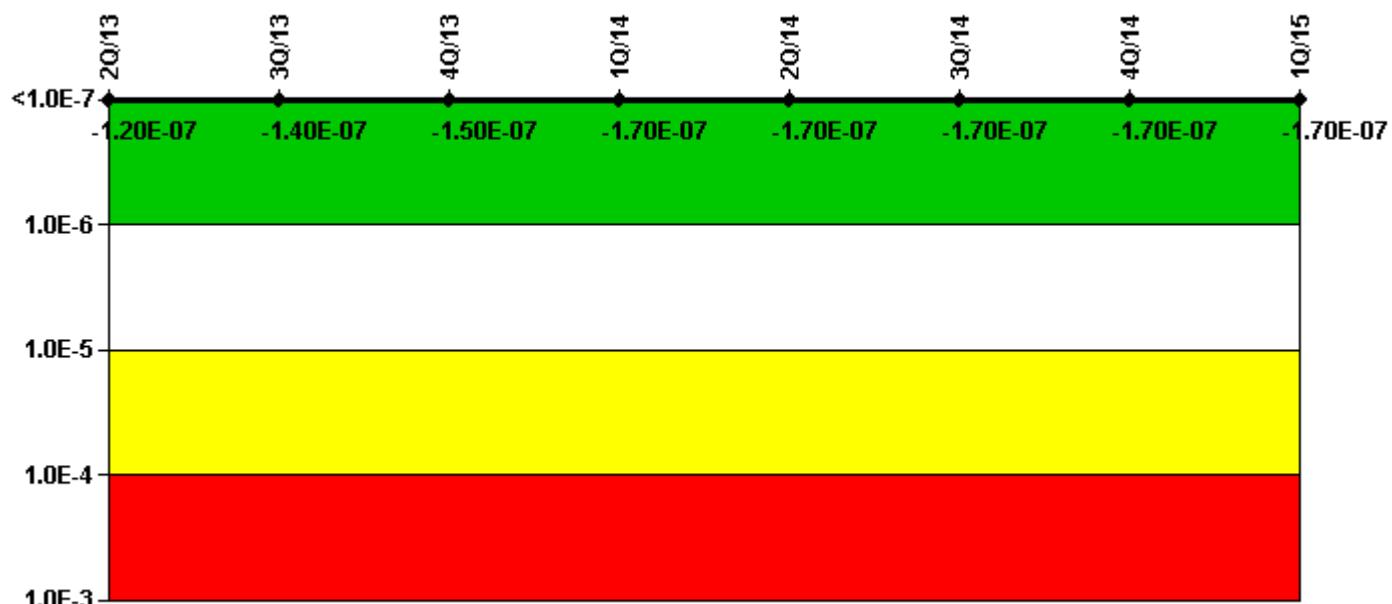
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.15E-07	1.01E-07	1.03E-07	1.06E-07	7.69E-08	7.14E-08	6.51E-08	4.04E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-2.40E-08	-3.80E-08	-3.60E-08	-3.40E-08	-6.20E-08	-6.80E-08	-7.40E-08	-9.90E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



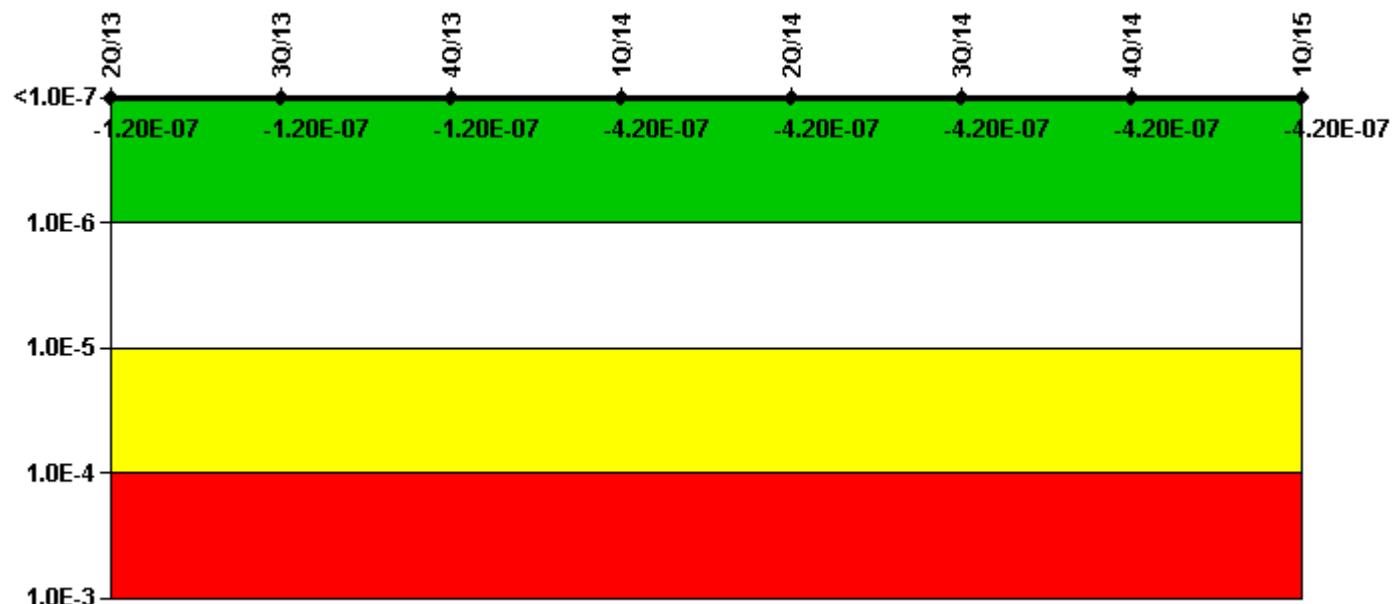
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	1.55E-08	-5.92E-09	-1.45E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.20E-07	-1.40E-07	-1.50E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



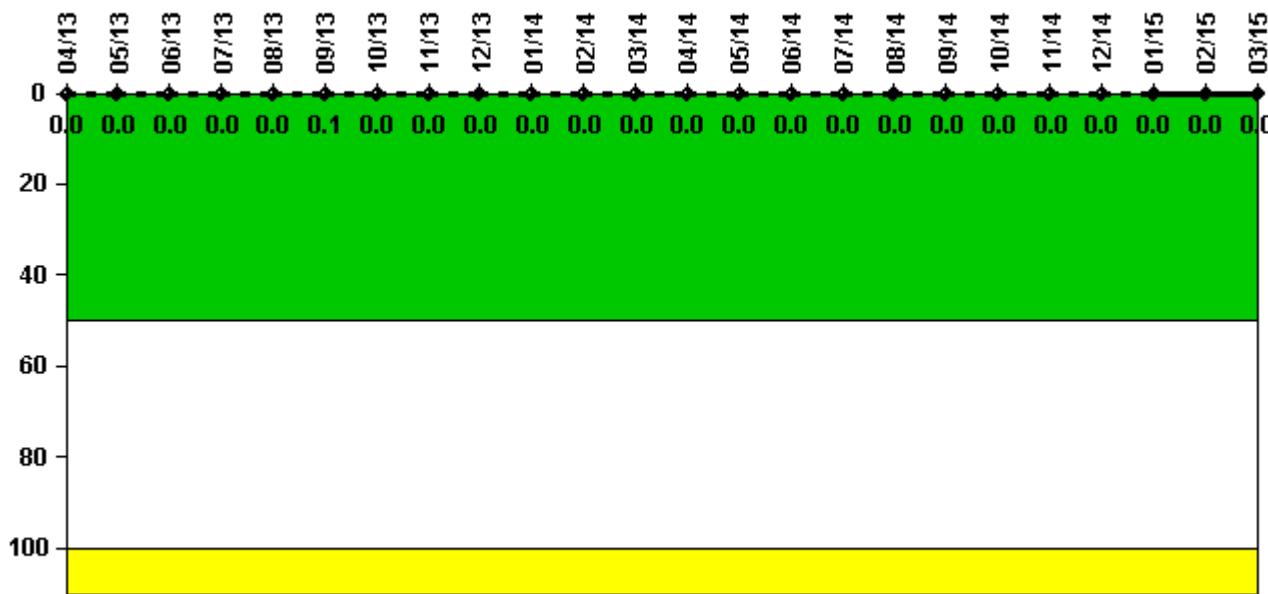
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
UAI (Δ CDF)	2.98E-07	2.98E-07	2.98E-07	1.97E-09	1.65E-09	3.69E-10	2.89E-10	5.11E-10
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-1.20E-07	-1.20E-07	-1.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07

Licensee Comments: none

Reactor Coolant System Activity



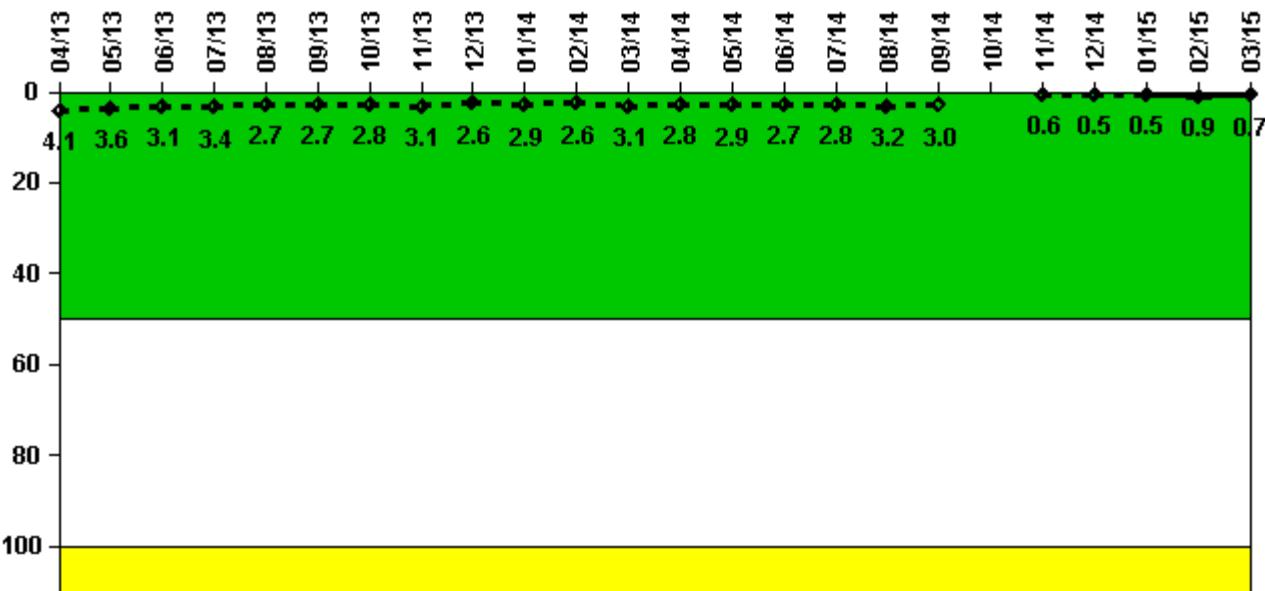
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum activity	0.000097	0.000135	0.000468	0.000143	0.000362	0.000758	0.000144	0.000159	0.000338	0.000175	0.000174	0.000187
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0	0	0	0	0	0
Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000175	0.000331	0.000198	0.000196	0.000193	0.000194	0	0.000098	0.000100	0.000116	0.000103	0.000174
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



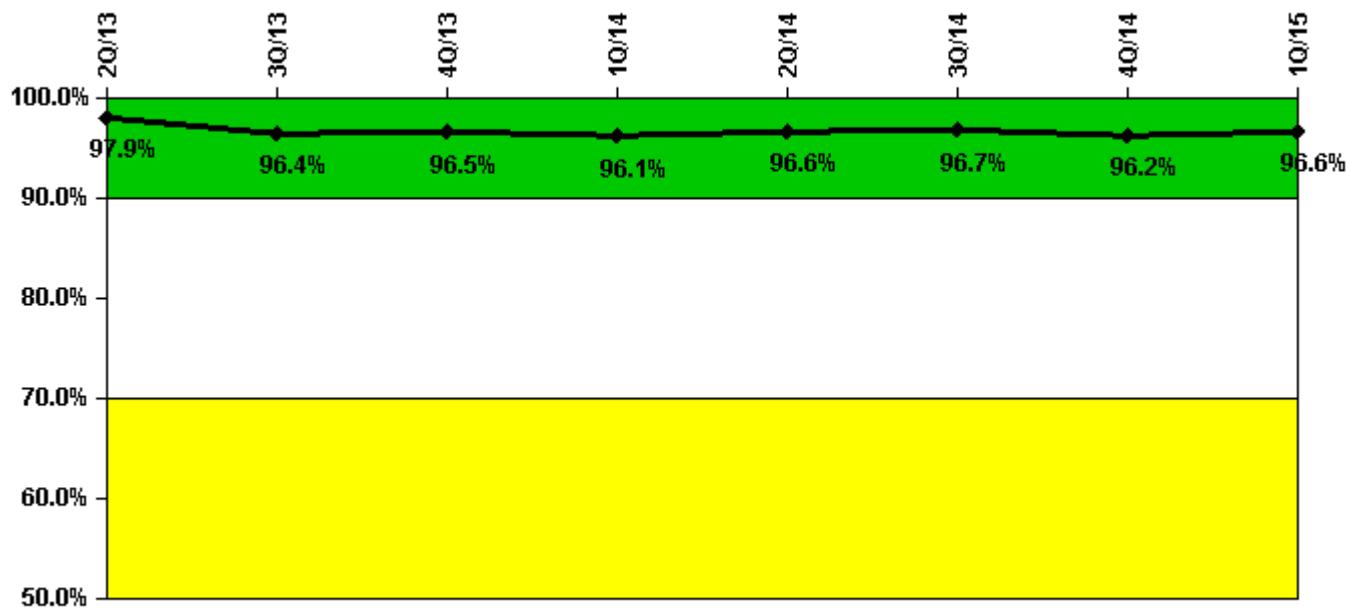
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/13	5/13	6/13	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14
Maximum leakage	0.405	0.355	0.314	0.340	0.269	0.271	0.284	0.307	0.258	0.291	0.259	0.305
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	4.1	3.6	3.1	3.4	2.7	2.7	2.8	3.1	2.6	2.9	2.6	3.1
Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.283	0.287	0.272	0.278	0.317	0.304	N/A	0.058	0.049	0.048	0.093	0.071
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	2.9	2.7	2.8	3.2	3.0	N/A	0.6	0.5	0.5	0.9	0.7

Licensee Comments: none

Drill/Exercise Performance



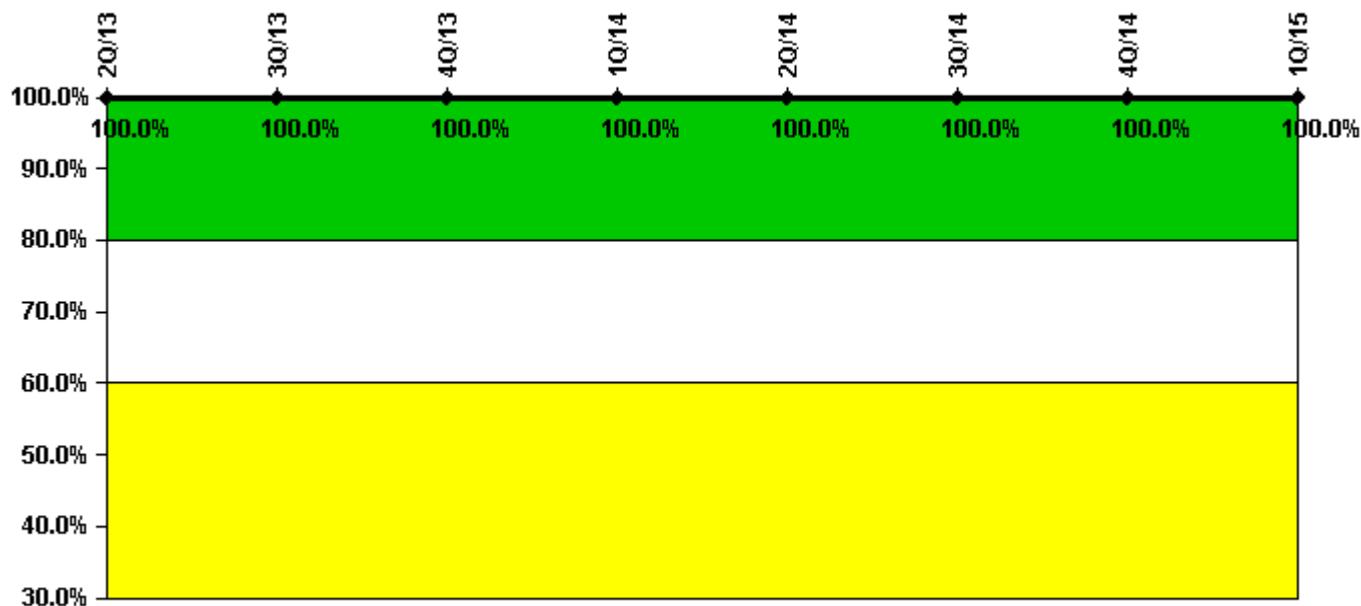
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful opportunities	44.0	33.0	73.0	20.0	38.0	49.0	12.0	41.0
Total opportunities	47.0	37.0	74.0	22.0	38.0	50.0	12.0	41.0
Indicator value	97.9%	96.4%	96.5%	96.1%	96.6%	96.7%	96.2%	96.6%

Licensee Comments: none

ERO Drill Participation



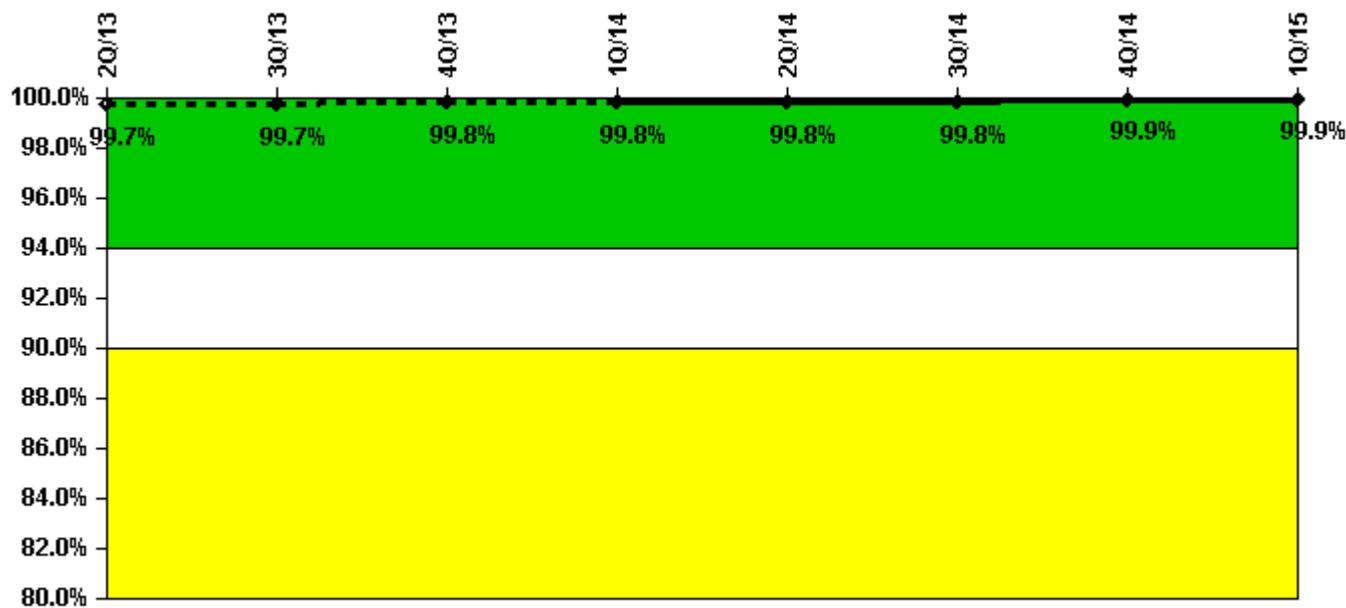
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Participating Key personnel	172.0	173.0	175.0	176.0	179.0	179.0	175.0	174.0
Total Key personnel	172.0	173.0	175.0	176.0	179.0	179.0	175.0	174.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



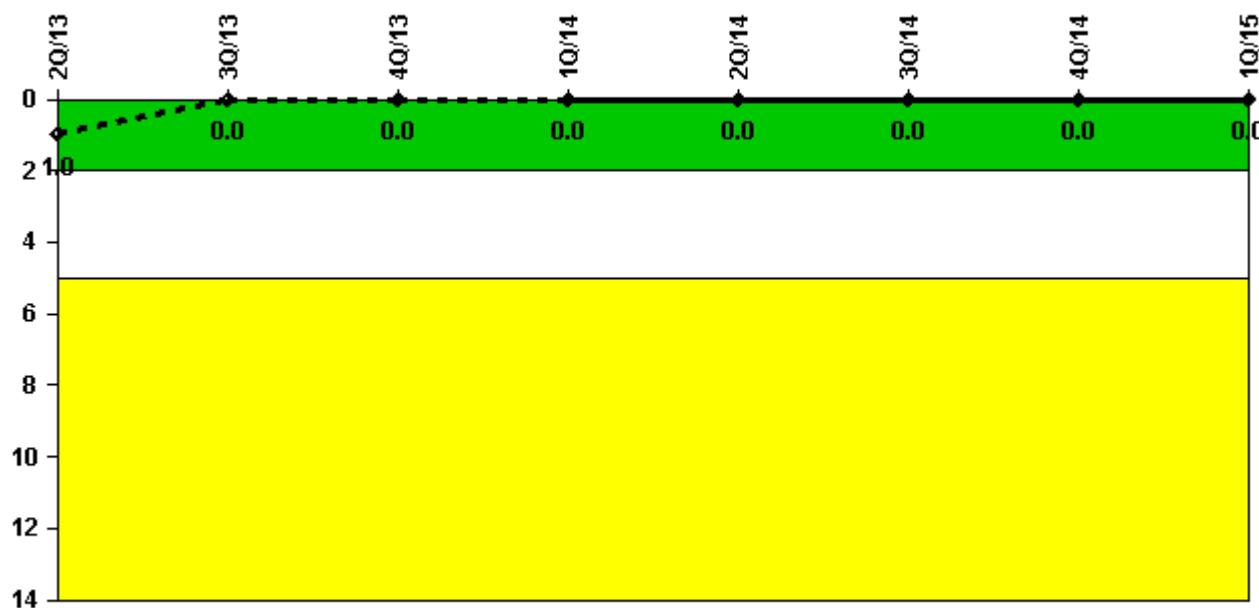
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
Successful siren-tests	1807	1807	1873	1735	1807	1876	1809	1807
Total sirens-tests	1809	1809	1876	1742	1809	1876	1809	1809
Indicator value	99.7%	99.7%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness

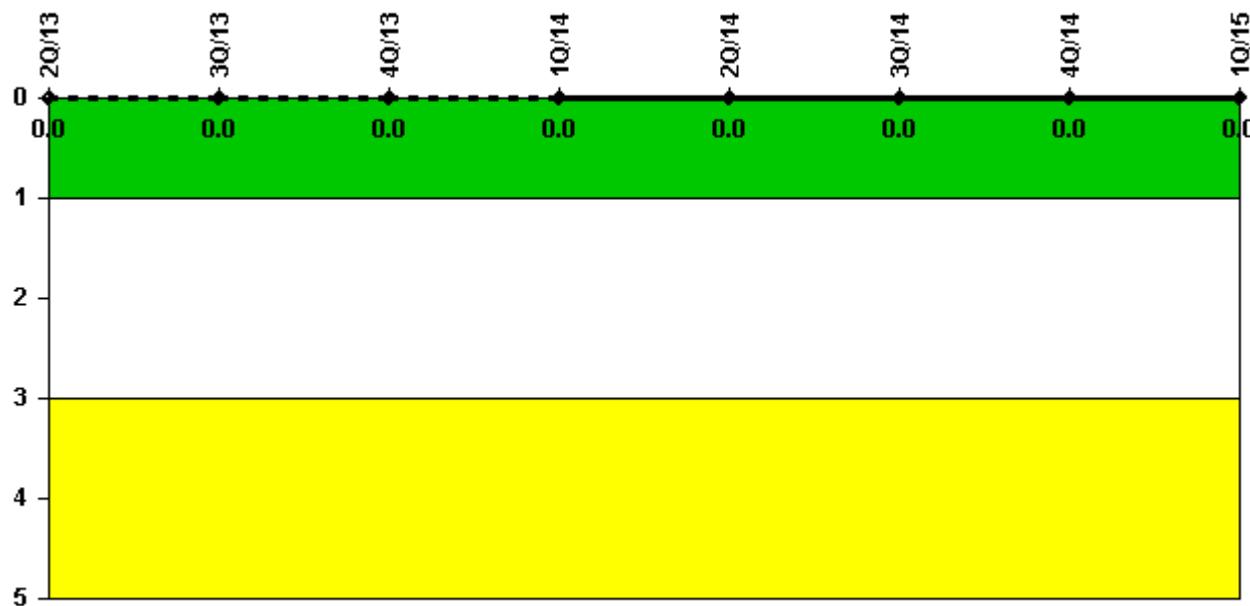


Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	1	0						

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/13	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

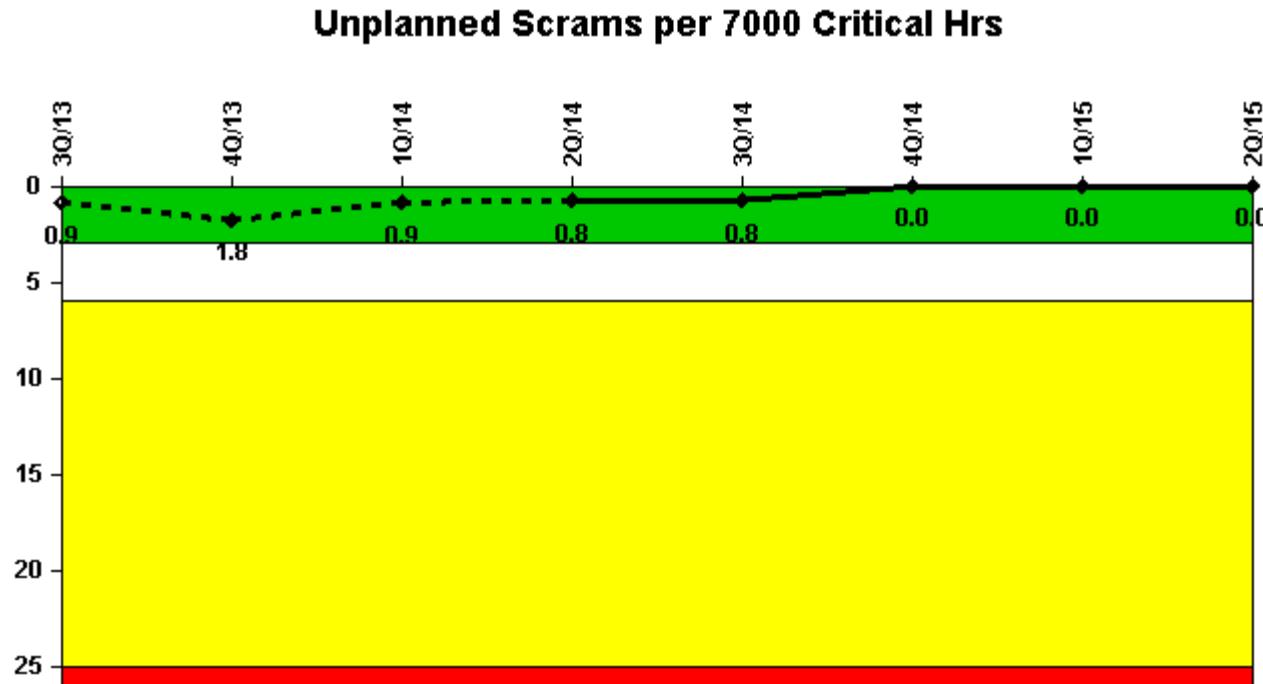
Last Modified: April 23, 2015

McGuire 1

2Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 2015Q2, PI Data



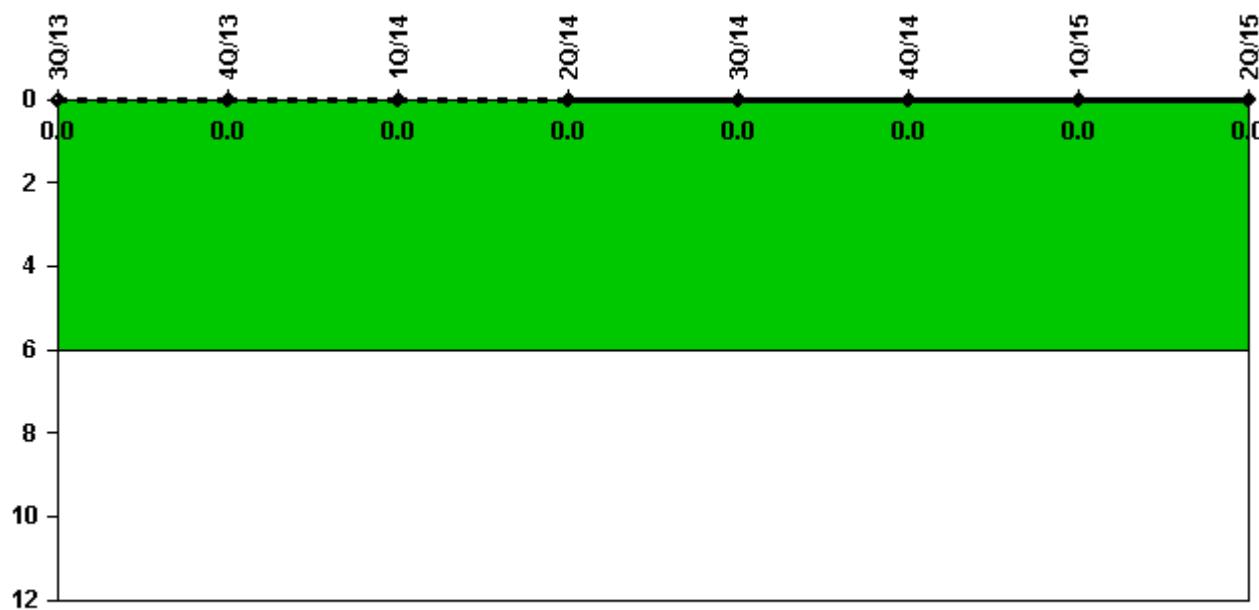
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned scrams	0	1.0	0	0	0	0	0	0
Critical hours	2208.0	2170.6	2159.0	2184.0	1780.2	1136.3	2014.7	2184.0
Indicator value	0.9	1.8	0.9	0.8	0.8	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

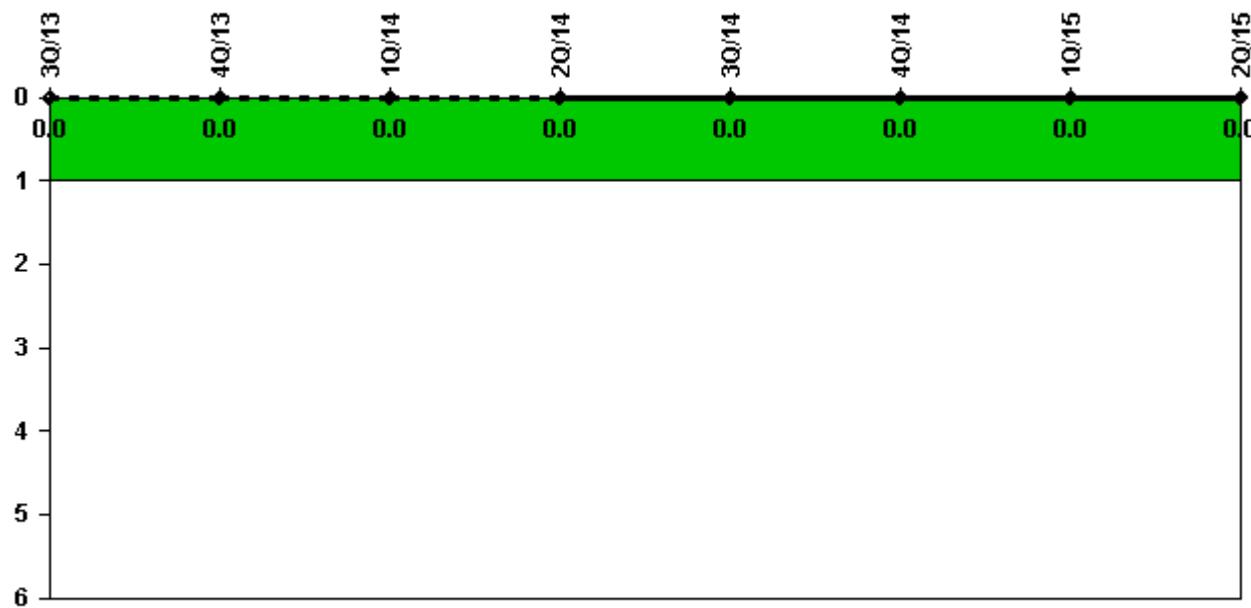
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2170.6	2159.0	2184.0	1780.2	1136.3	2014.7	2184.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



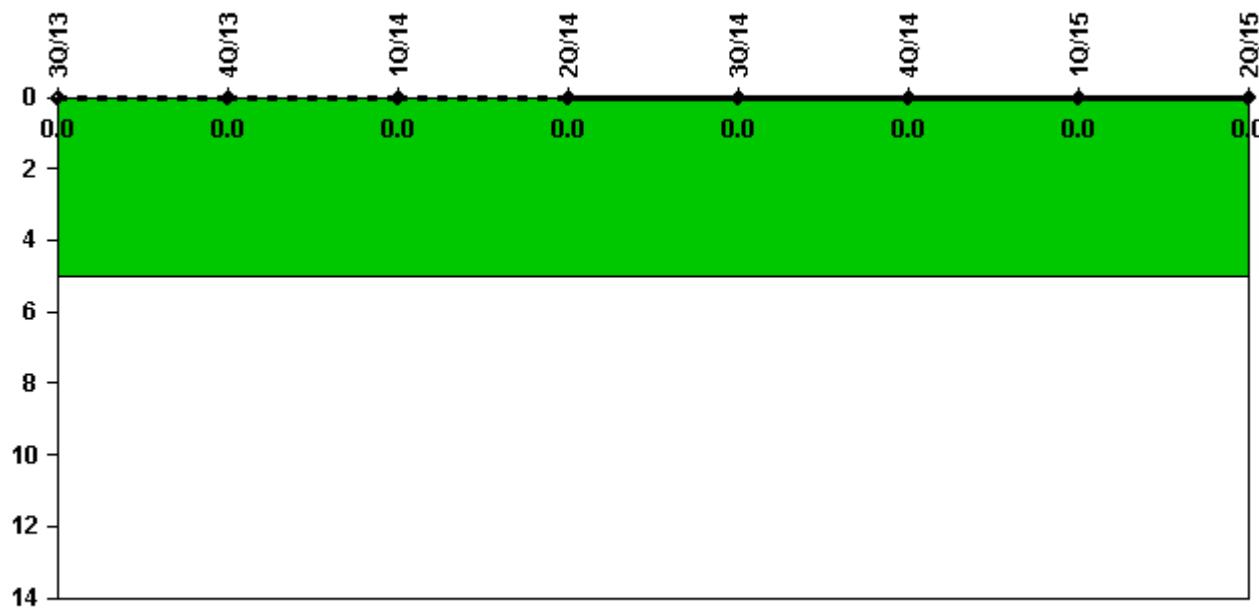
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



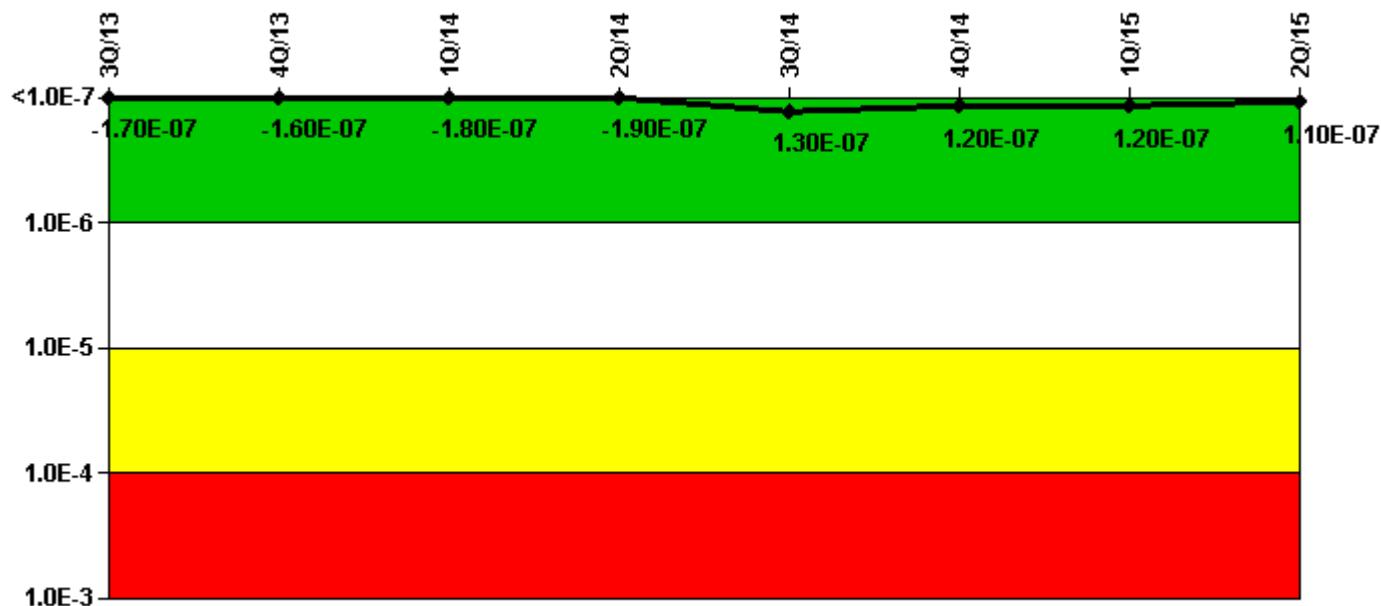
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



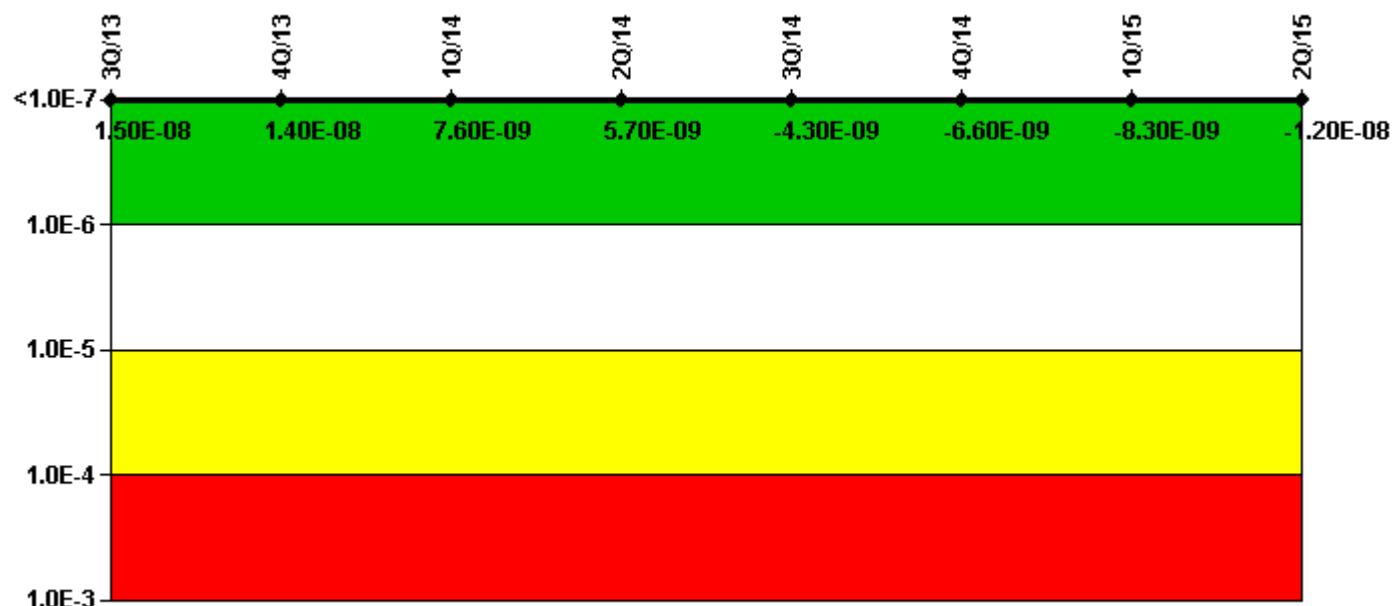
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	2.26E-08	2.50E-08	1.18E-08	-1.58E-09	3.88E-08	3.03E-08	2.19E-08	1.43E-08
URI (Δ CDF)	-1.89E-07	-1.89E-07	-1.89E-07	-1.89E-07	9.47E-08	9.47E-08	9.47E-08	9.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.70E-07	-1.60E-07	-1.80E-07	-1.90E-07	1.30E-07	1.20E-07	1.20E-07	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



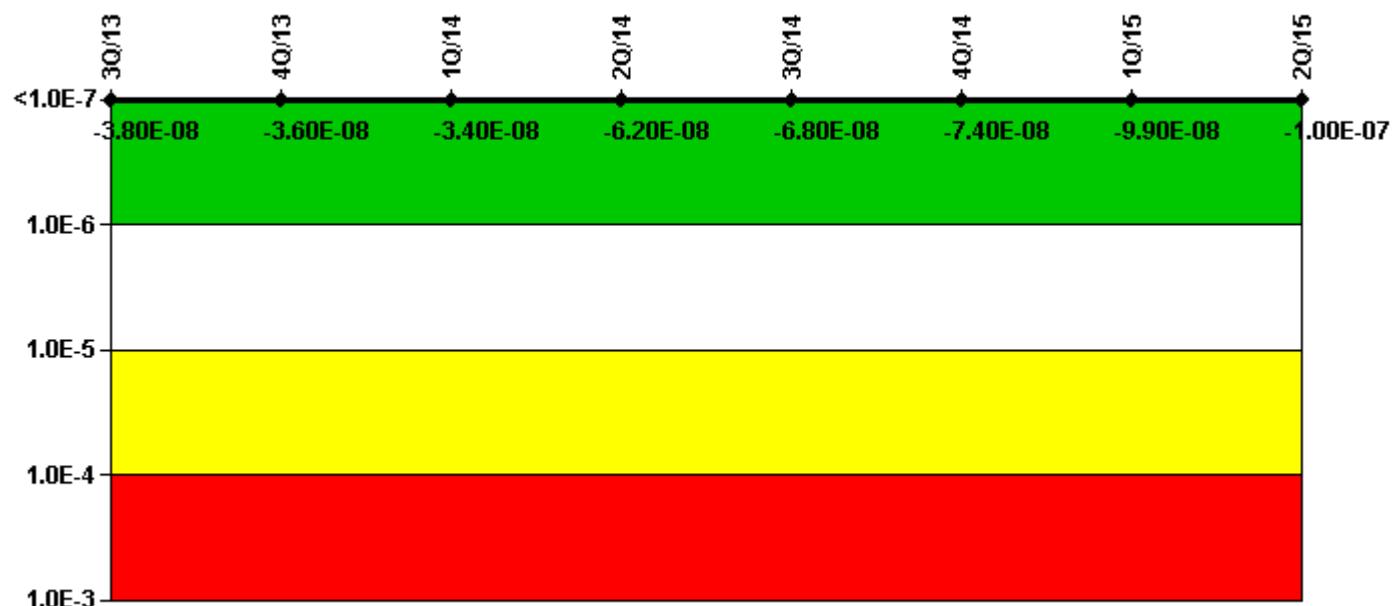
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	2.65E-08	2.52E-08	1.91E-08	1.72E-08	7.30E-09	4.98E-09	3.22E-09	-6.86E-10
URI (Δ CDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.50E-08	1.40E-08	7.60E-09	5.70E-09	-4.30E-09	-6.60E-09	-8.30E-09	-1.20E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



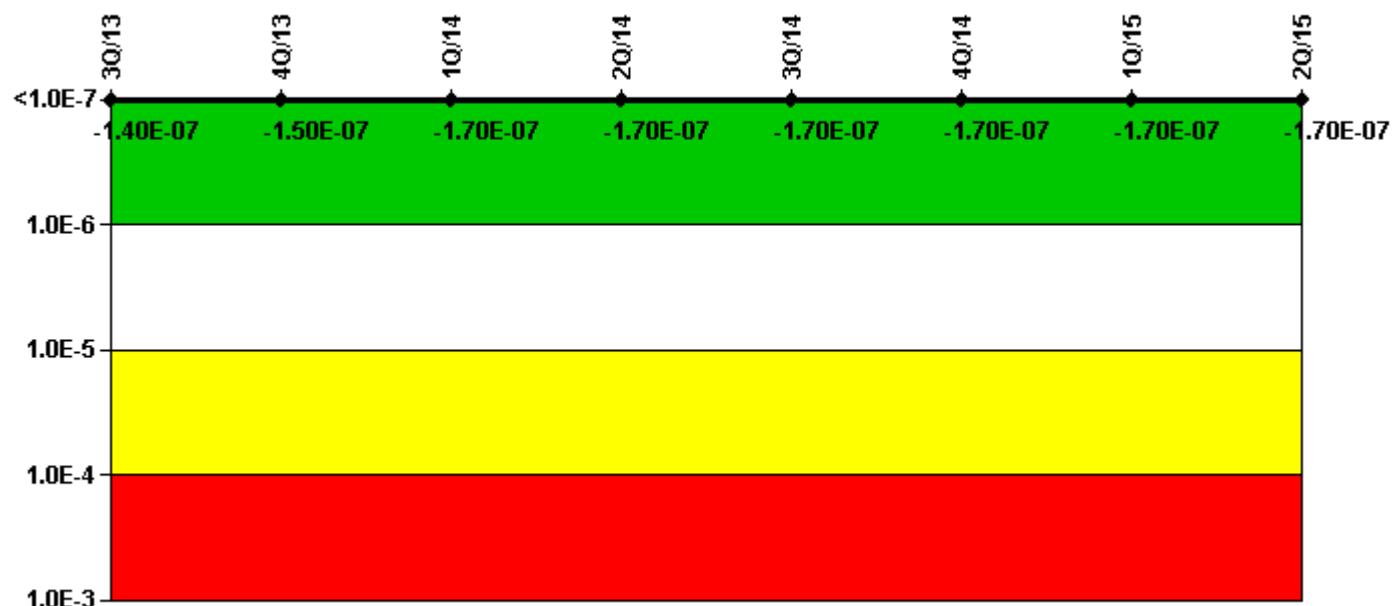
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	1.01E-07	1.03E-07	1.06E-07	7.69E-08	7.14E-08	6.51E-08	4.04E-08	3.61E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-3.80E-08	-3.60E-08	-3.40E-08	-6.20E-08	-6.80E-08	-7.40E-08	-9.90E-08	-1.00E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



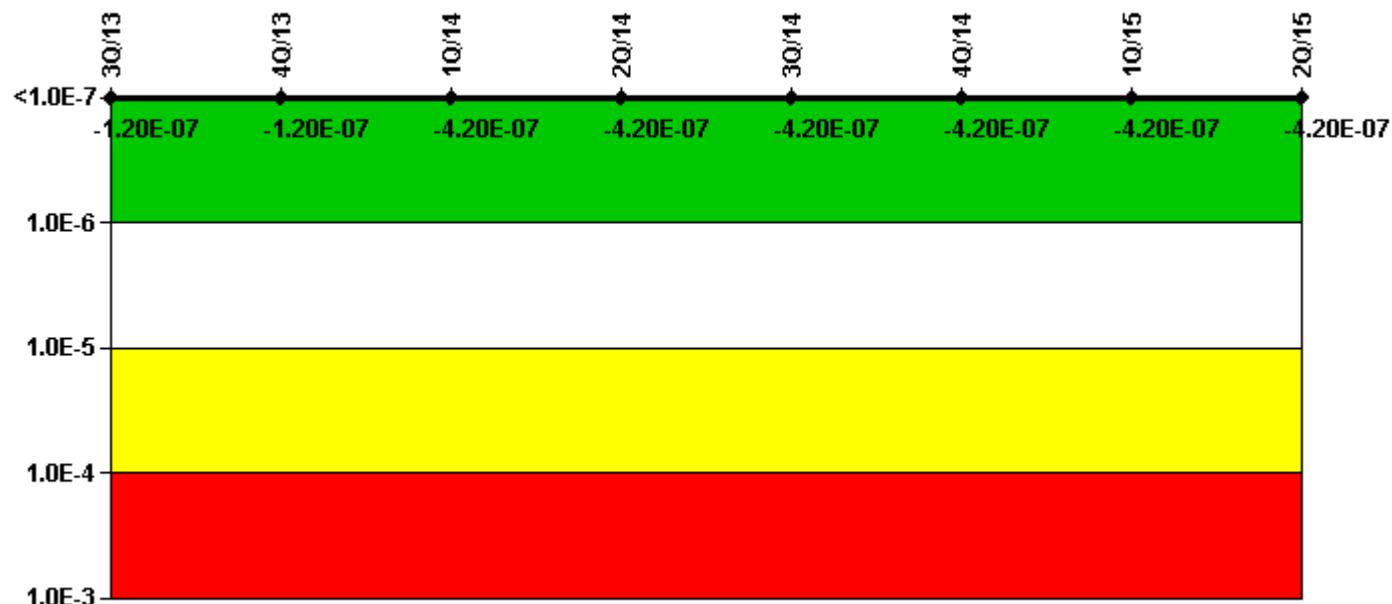
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	-5.92E-09	-1.45E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.40E-07	-1.50E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



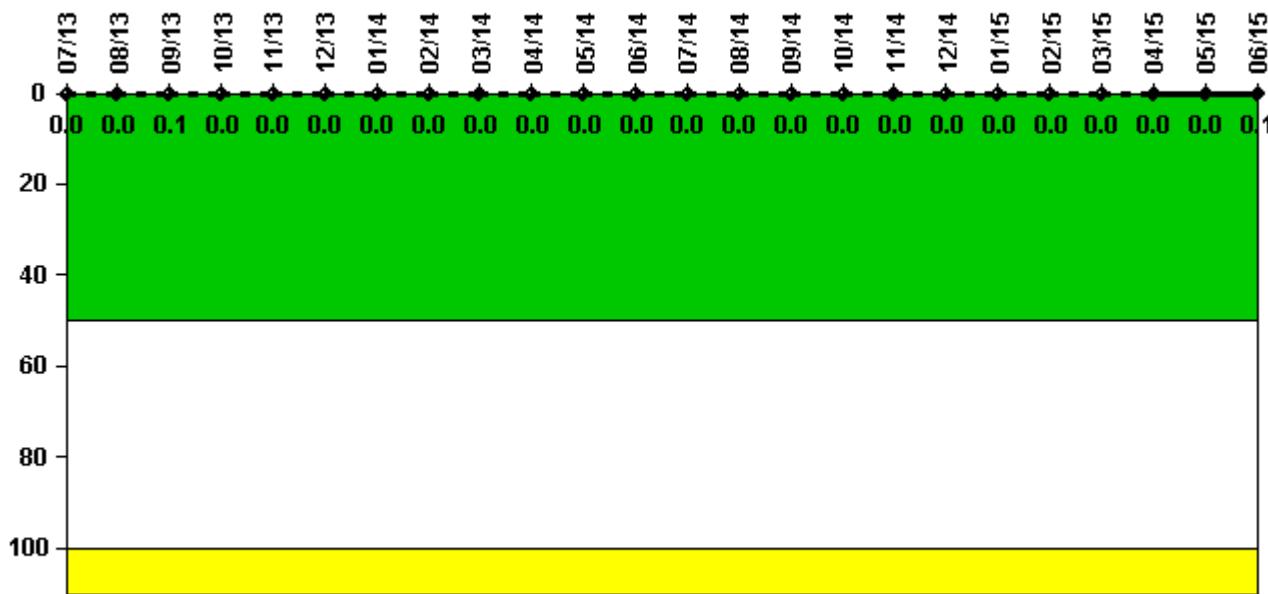
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
UAI (Δ CDF)	2.98E-07	2.98E-07	1.97E-09	1.65E-09	3.69E-10	2.89E-10	5.11E-10	6.37E-11
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-1.20E-07	-1.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07

Licensee Comments: none

Reactor Coolant System Activity



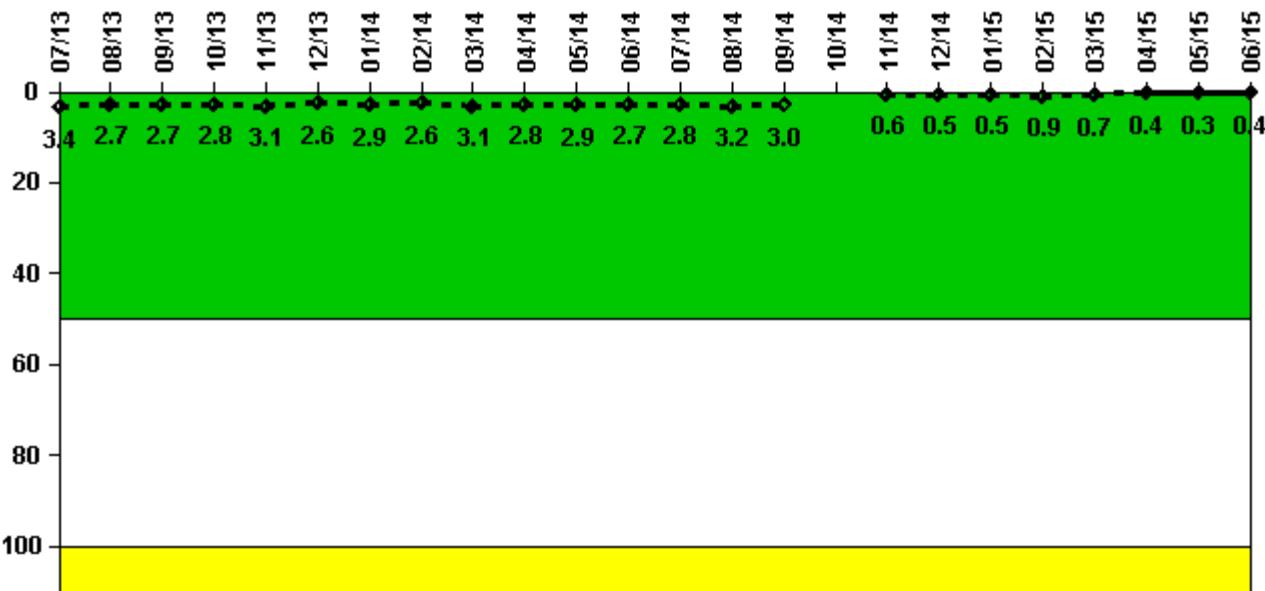
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum activity	0.000143	0.000362	0.000758	0.000144	0.000159	0.000338	0.000175	0.000174	0.000187	0.000175	0.000331	0.000198
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000196	0.000193	0.000194	0	0.000098	0.000100	0.000116	0.000103	0.000174	0.000331	0.000127	0.000944
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1

Licensee Comments: none

Reactor Coolant System Leakage



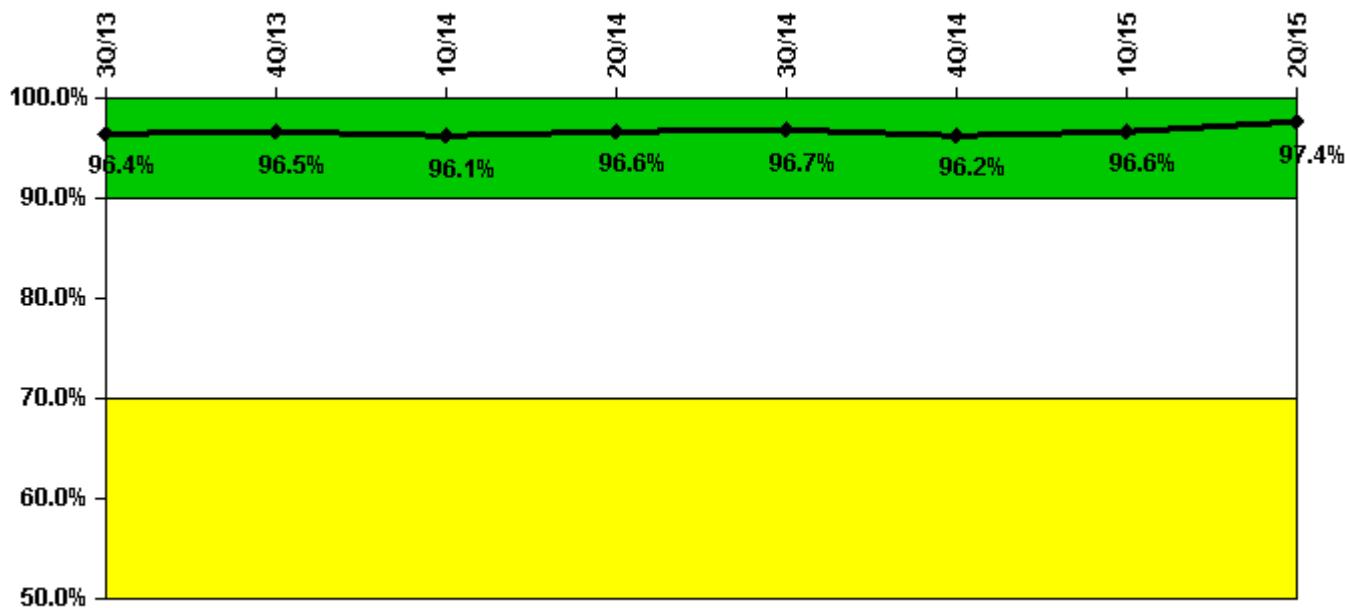
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/13	8/13	9/13	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14
Maximum leakage	0.340	0.269	0.271	0.284	0.307	0.258	0.291	0.259	0.305	0.283	0.287	0.272
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	3.4	2.7	2.7	2.8	3.1	2.6	2.9	2.6	3.1	2.8	2.9	2.7
Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.278	0.317	0.304	N/A	0.058	0.049	0.048	0.093	0.071	0.044	0.034	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	3.2	3.0	N/A	0.6	0.5	0.5	0.9	0.7	0.4	0.3	0.4

Licensee Comments: none

Drill/Exercise Performance



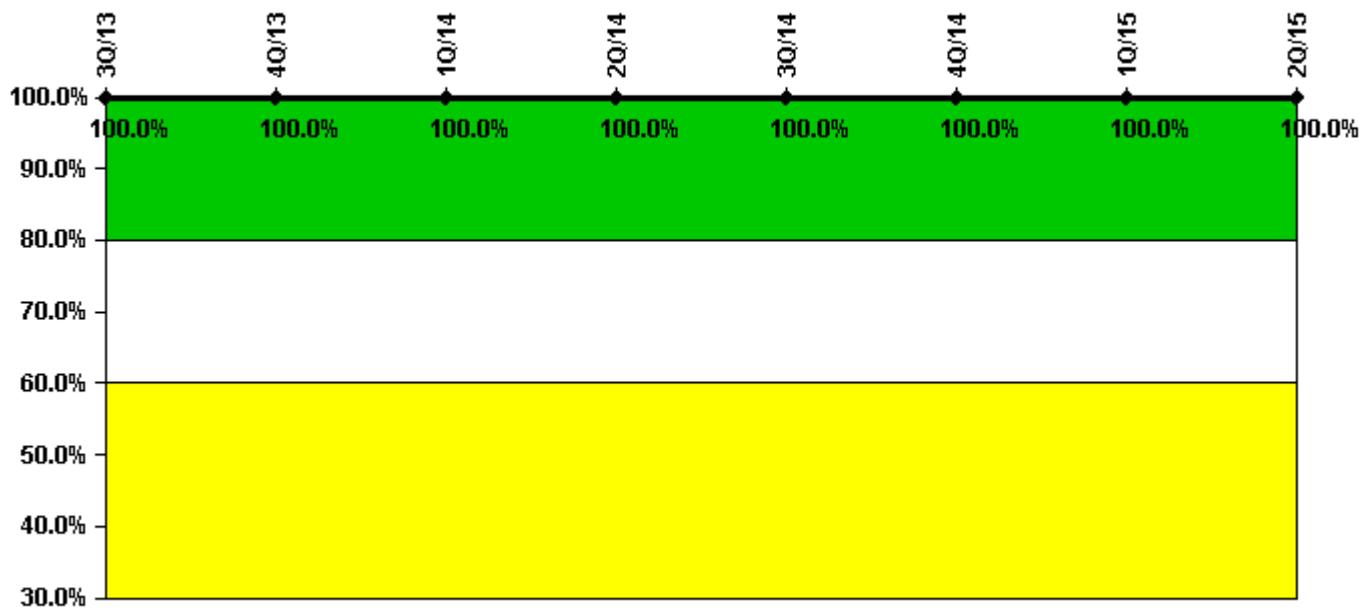
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful opportunities	33.0	73.0	20.0	38.0	49.0	12.0	41.0	36.0
Total opportunities	37.0	74.0	22.0	38.0	50.0	12.0	41.0	36.0
Indicator value	96.4%	96.5%	96.1%	96.6%	96.7%	96.2%	96.6%	97.4%

Licensee Comments: none

ERO Drill Participation



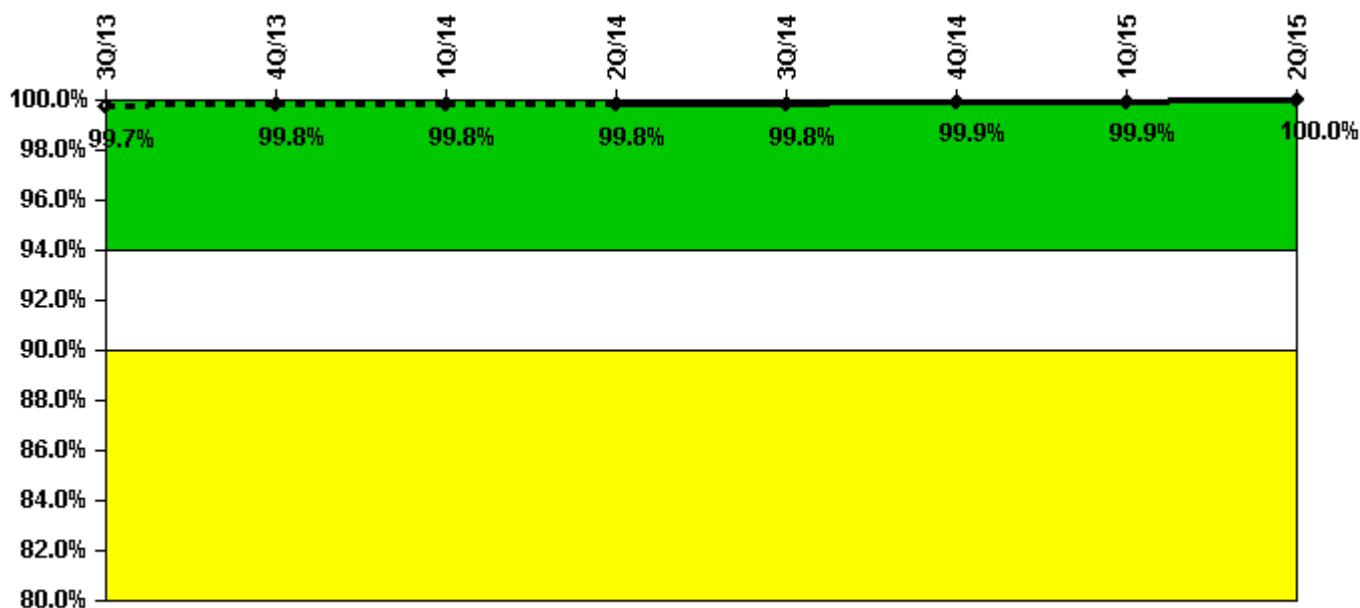
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Participating Key personnel	173.0	175.0	176.0	179.0	179.0	175.0	174.0	173.0
Total Key personnel	173.0	175.0	176.0	179.0	179.0	175.0	174.0	173.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



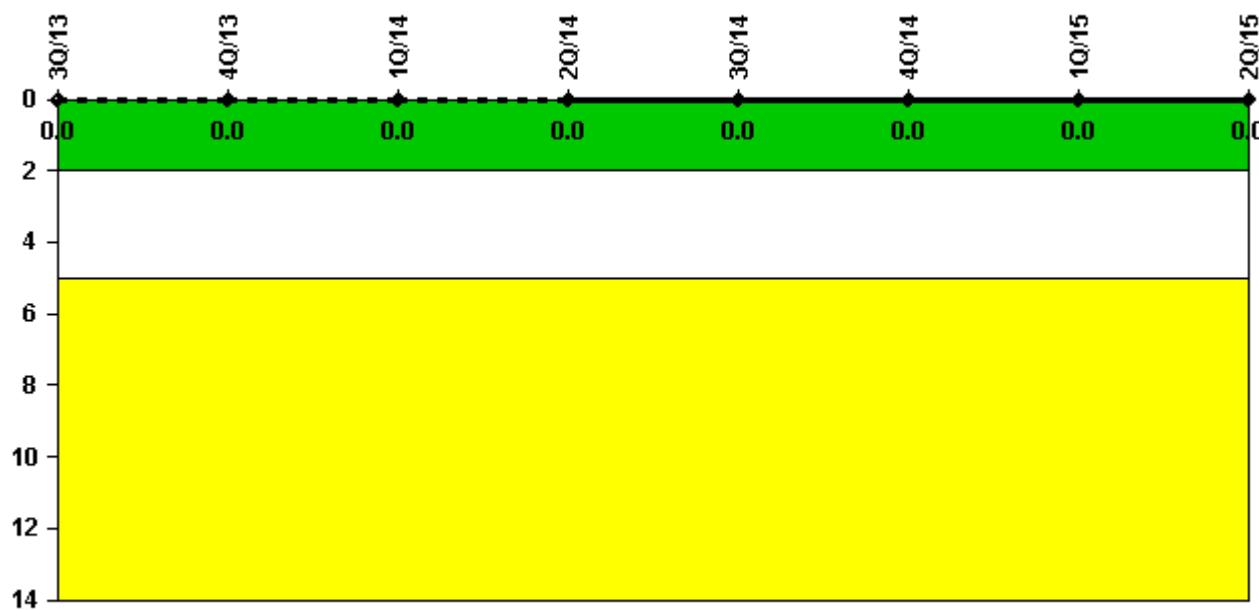
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
Successful siren-tests	1807	1873	1735	1807	1876	1809	1807	1797
Total sirens-tests	1809	1876	1742	1809	1876	1809	1809	1797
Indicator value	99.7%	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



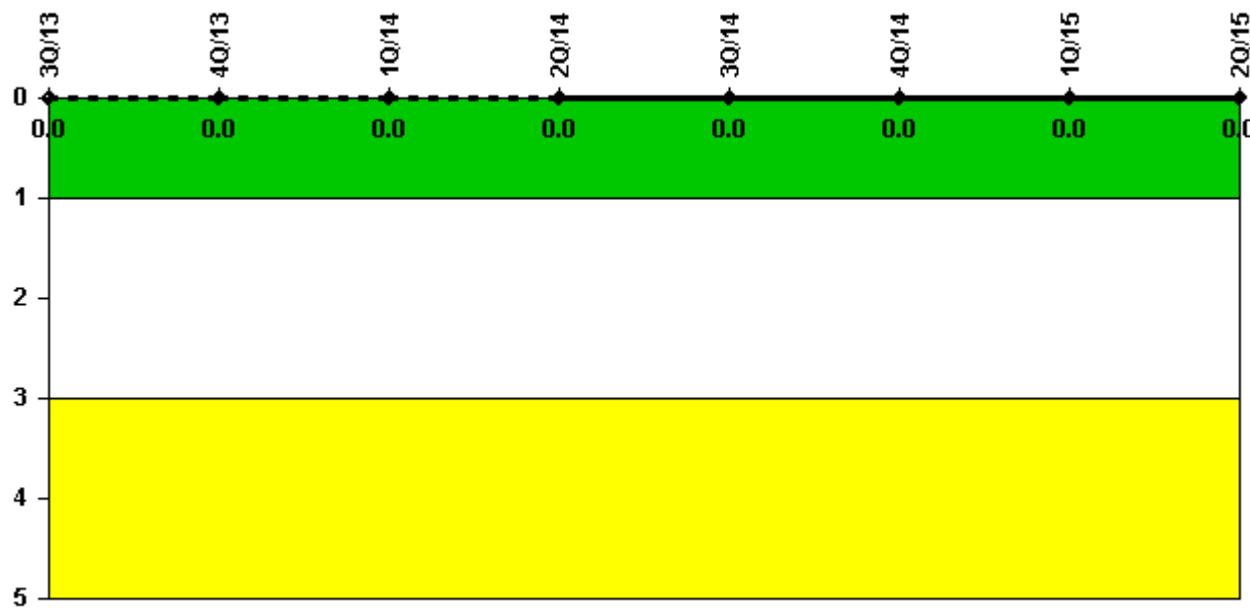
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/13	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

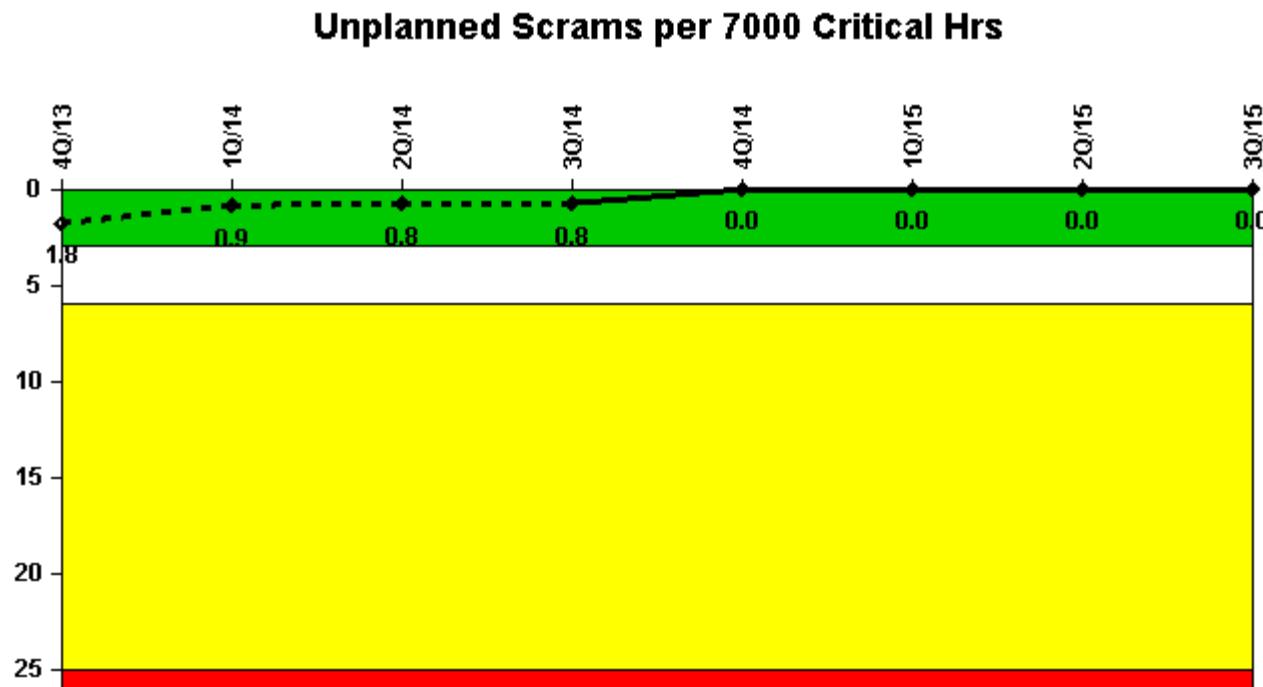
Last Modified: July 24, 2015

McGuire 1

3Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 2015Q3, PI Data



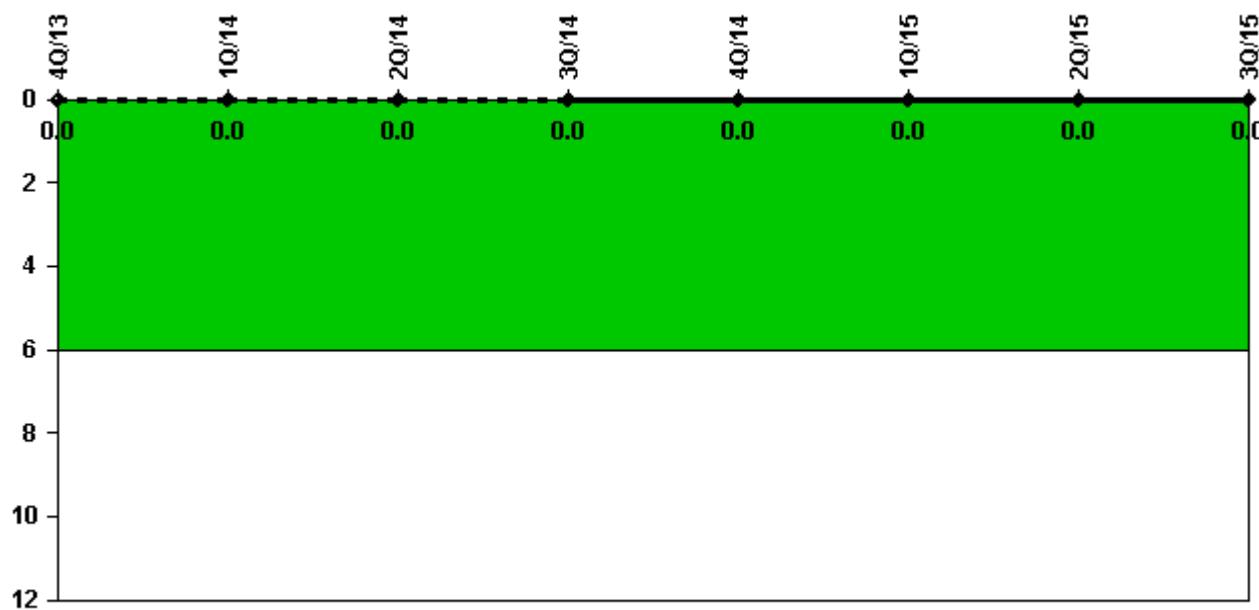
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	2170.6	2159.0	2184.0	1780.2	1136.3	2014.7	2184.0	2208.0
Indicator value	1.8	0.9	0.8	0.8	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

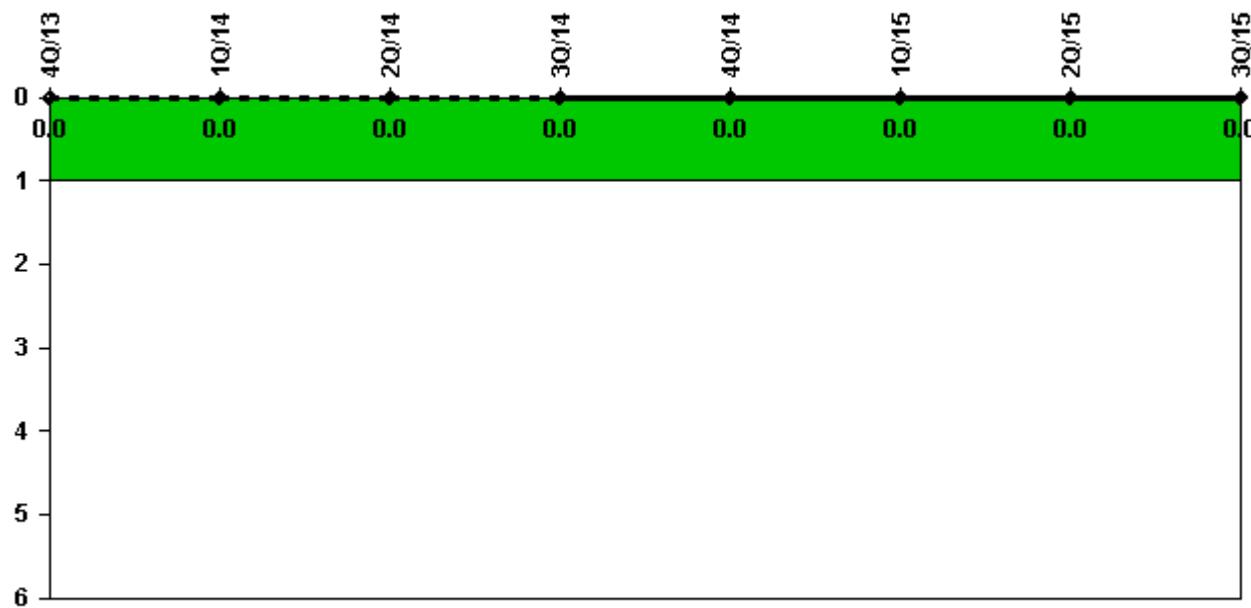
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2170.6	2159.0	2184.0	1780.2	1136.3	2014.7	2184.0	2208.0
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



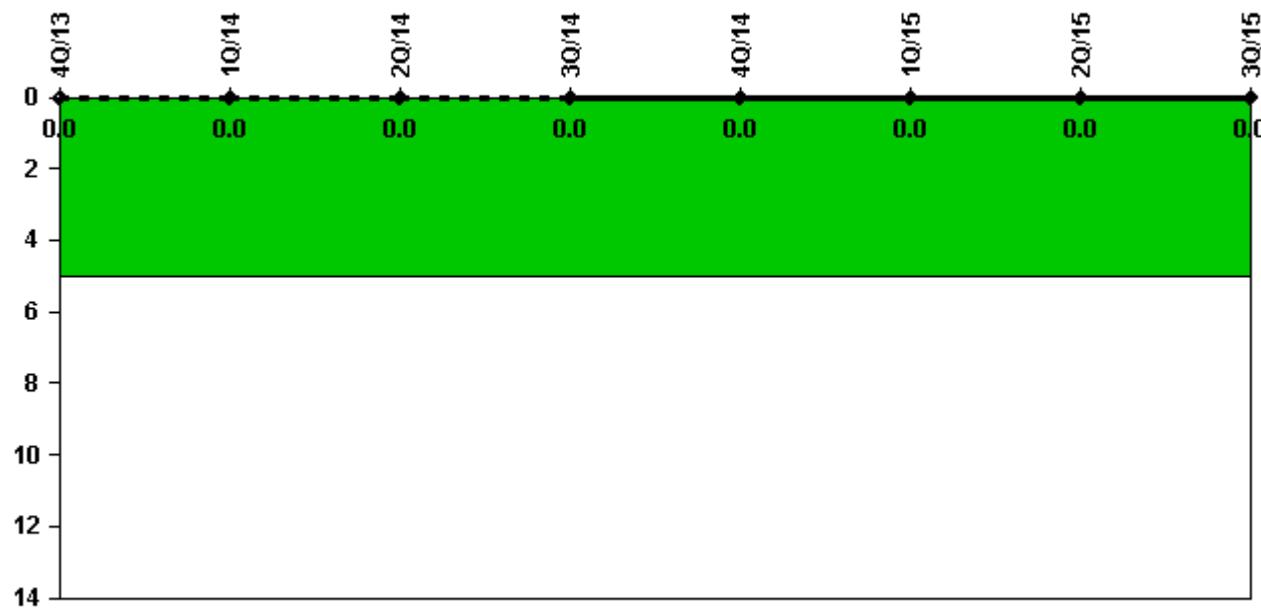
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



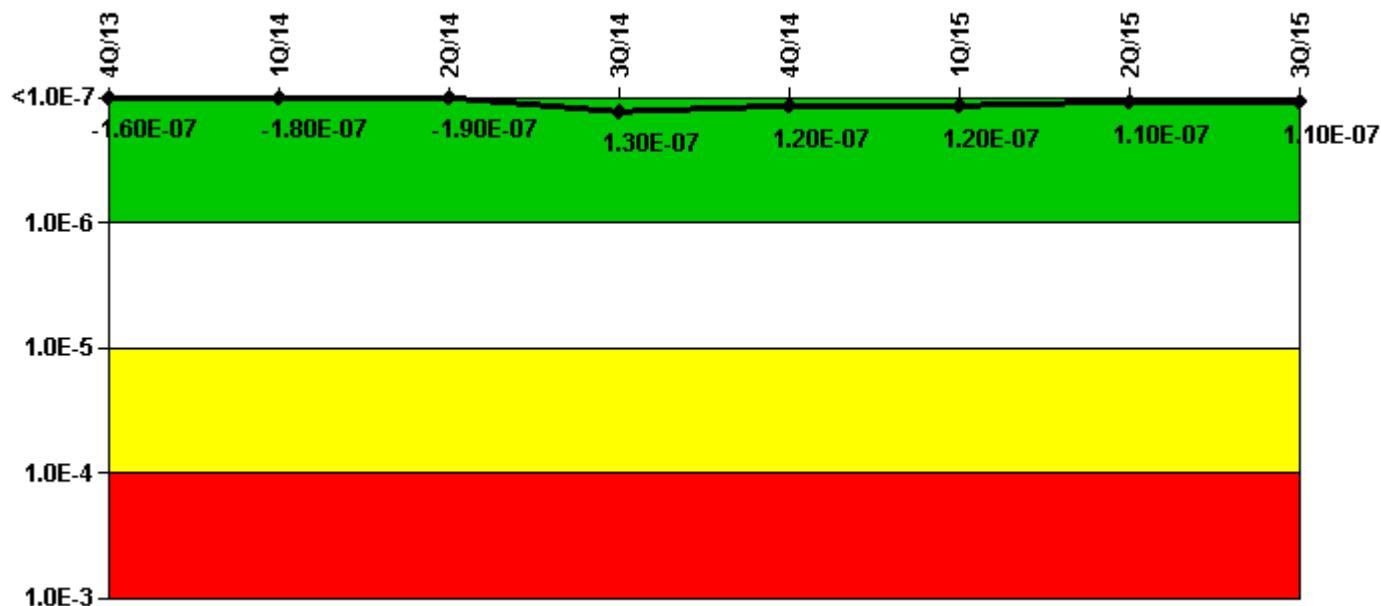
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



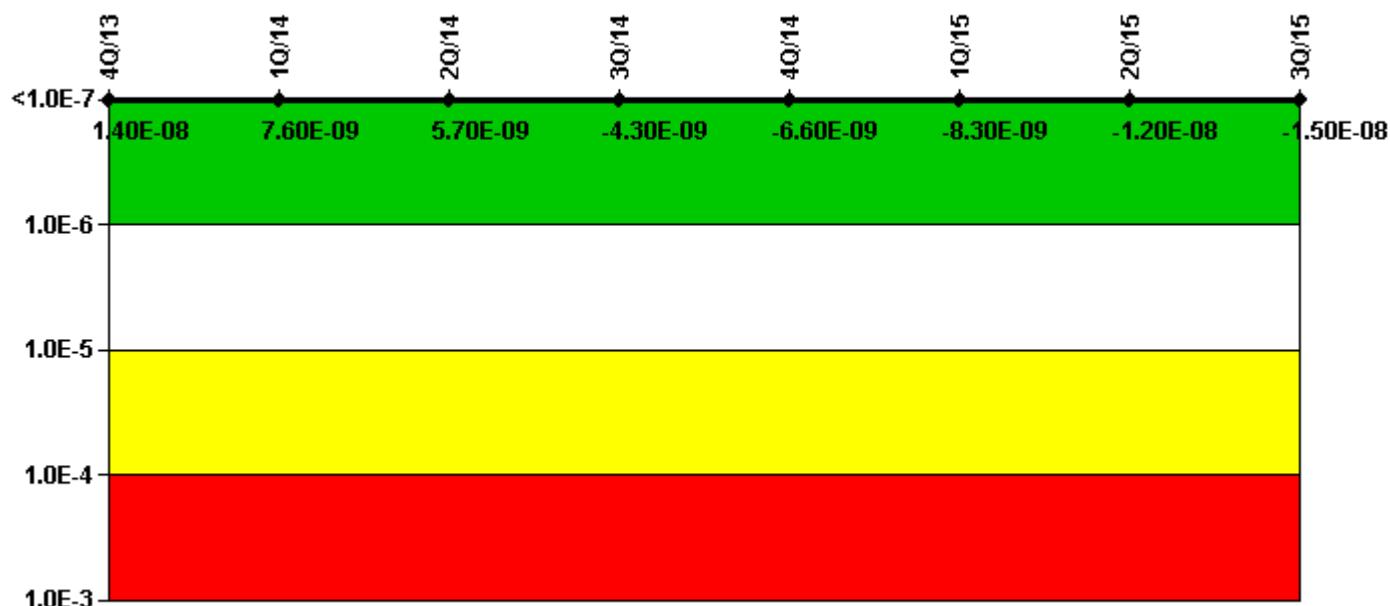
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	2.50E-08	1.18E-08	-1.58E-09	3.88E-08	3.03E-08	2.19E-08	1.43E-08	1.54E-08
URI (Δ CDF)	-1.89E-07	-1.89E-07	-1.89E-07	9.47E-08	9.47E-08	9.47E-08	9.47E-08	9.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.60E-07	-1.80E-07	-1.90E-07	1.30E-07	1.20E-07	1.20E-07	1.10E-07	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



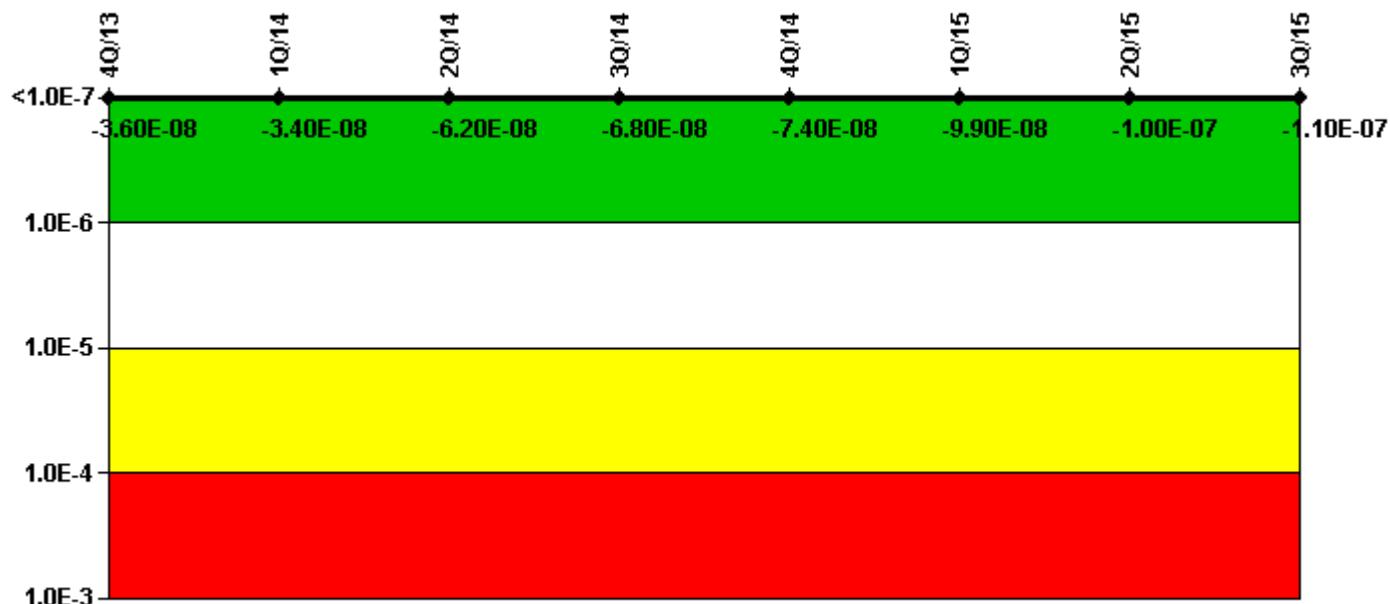
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	2.52E-08	1.91E-08	1.72E-08	7.30E-09	4.98E-09	3.22E-09	-6.86E-10	-3.56E-09
URI (Δ CDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-08	7.60E-09	5.70E-09	-4.30E-09	-6.60E-09	-8.30E-09	-1.20E-08	-1.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



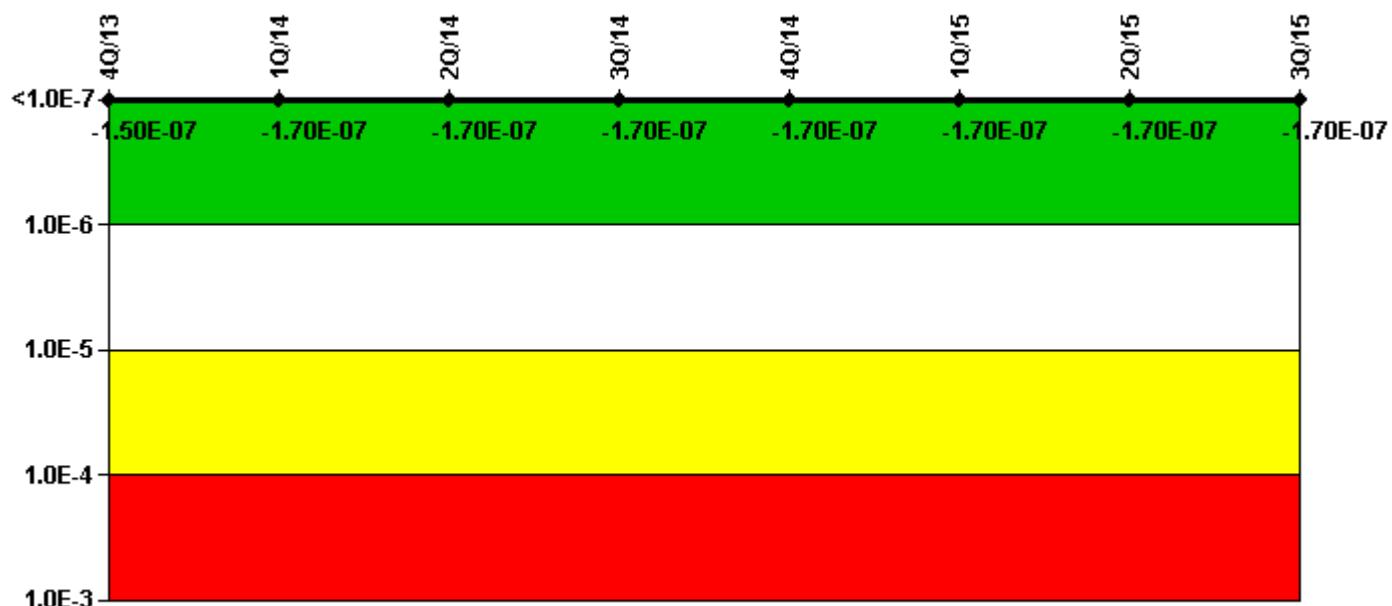
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	1.03E-07	1.06E-07	7.69E-08	7.14E-08	6.51E-08	4.04E-08	3.61E-08	2.89E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-3.60E-08	-3.40E-08	-6.20E-08	-6.80E-08	-7.40E-08	-9.90E-08	-1.00E-07	-1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



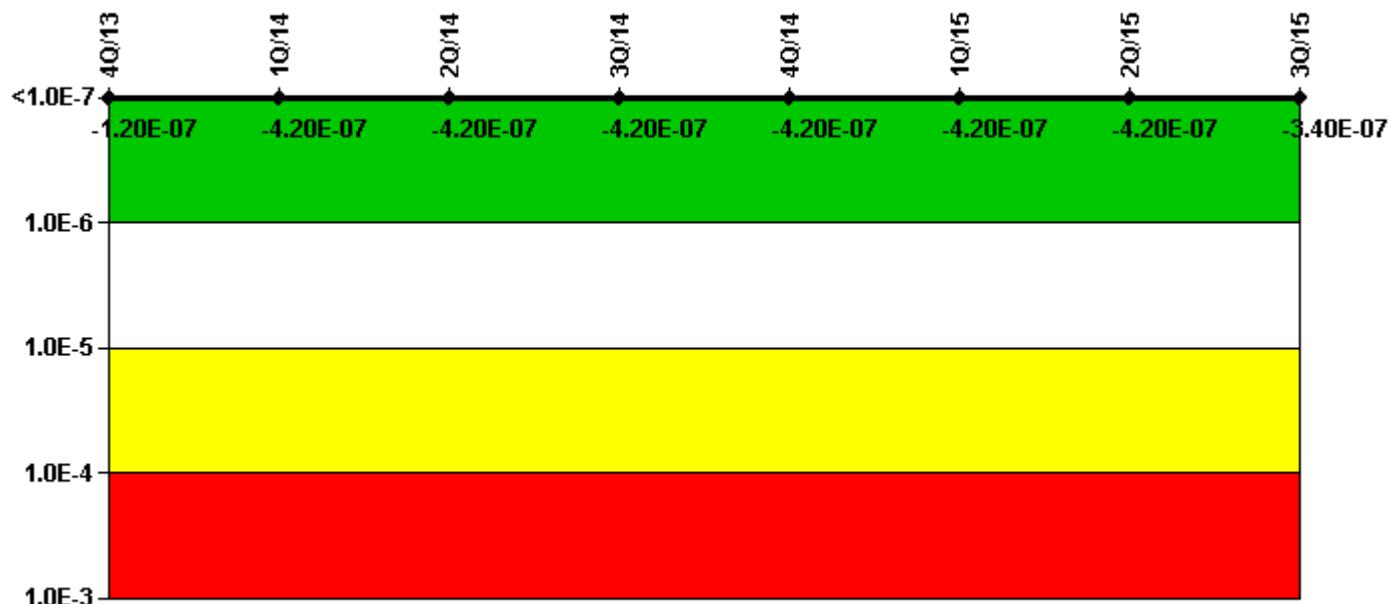
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	-1.45E-08	-3.28E-08						
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.50E-07	-1.70E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



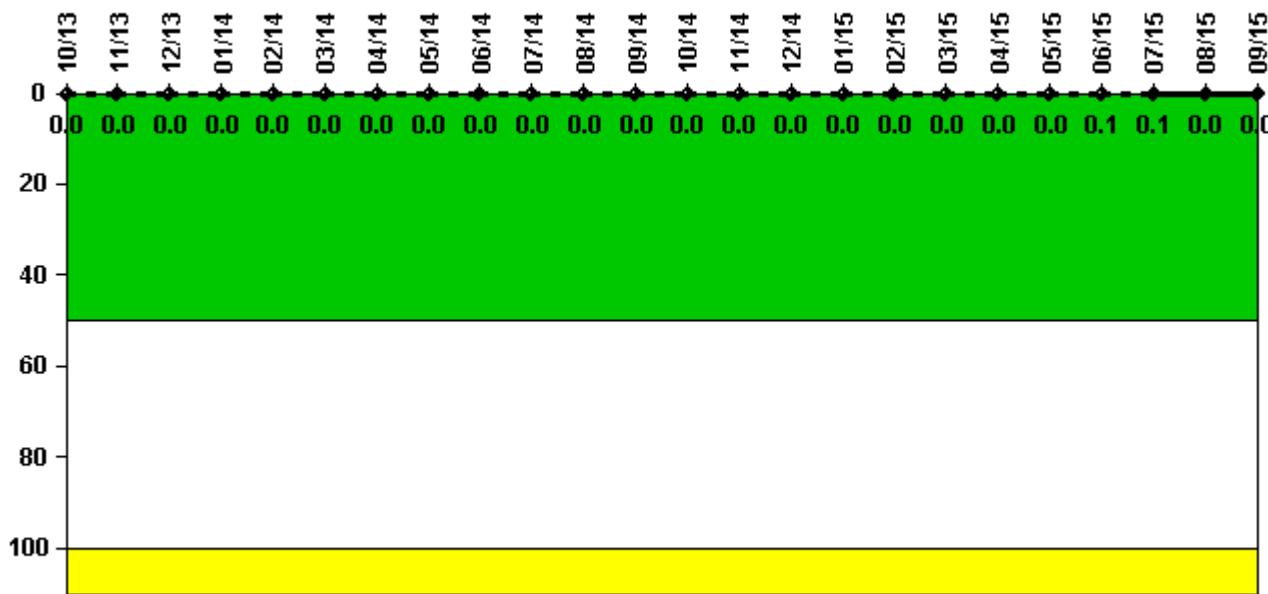
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
UAI (Δ CDF)	2.98E-07	1.97E-09	1.65E-09	3.69E-10	2.89E-10	5.11E-10	6.37E-11	7.85E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-1.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-3.40E-07

Licensee Comments: none

Reactor Coolant System Activity



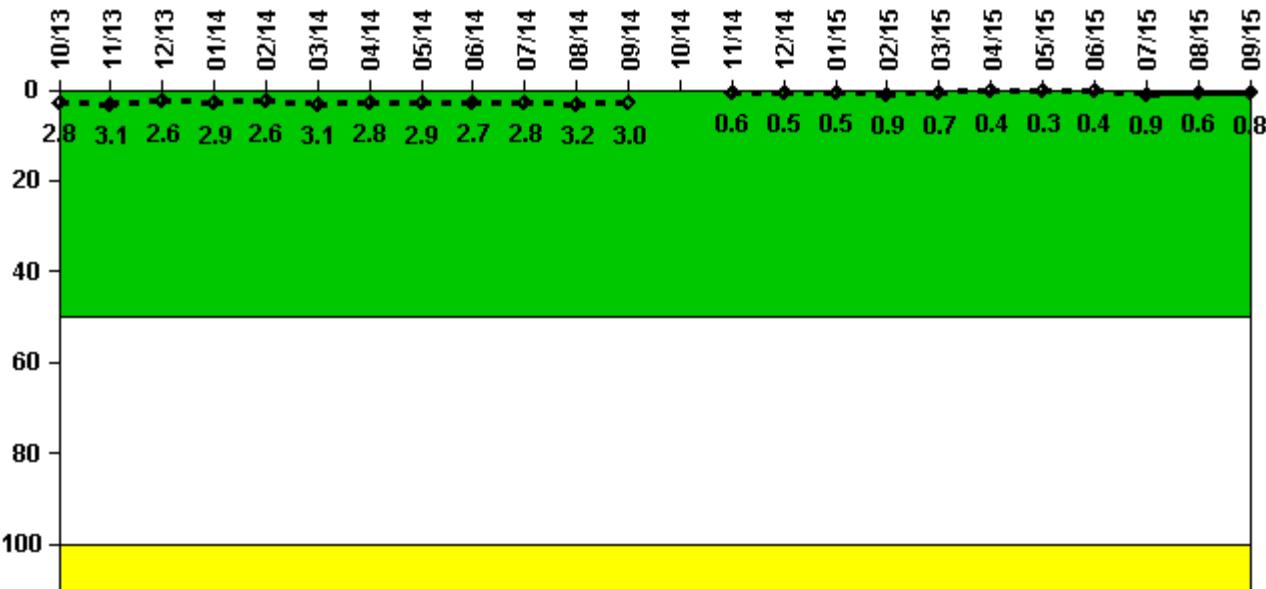
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum activity	0.000144	0.000159	0.000338	0.000175	0.000174	0.000187	0.000175	0.000331	0.000198	0.000196	0.000193	0.000194
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0	0.000098	0.000100	0.000116	0.000103	0.000174	0.000331	0.000127	0.000944	0.000824	0.000143	0.000146
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	0	0

Licensee Comments: none

Reactor Coolant System Leakage



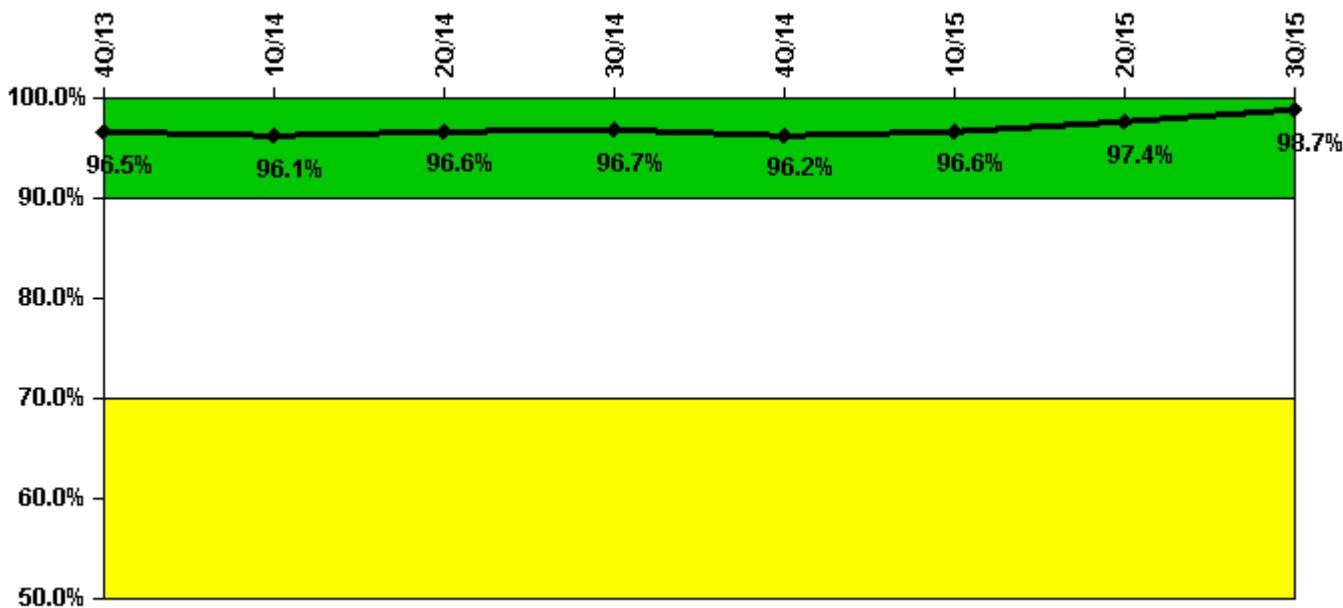
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/13	11/13	12/13	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14
Maximum leakage	0.284	0.307	0.258	0.291	0.259	0.305	0.283	0.287	0.272	0.278	0.317	0.304
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	3.1	2.6	2.9	2.6	3.1	2.8	2.9	2.7	2.8	3.2	3.0
Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	N/A	0.058	0.049	0.048	0.093	0.071	0.044	0.034	0.040	0.087	0.058	0.084
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.6	0.5	0.5	0.9	0.7	0.4	0.3	0.4	0.9	0.6	0.8

Licensee Comments: none

Drill/Exercise Performance



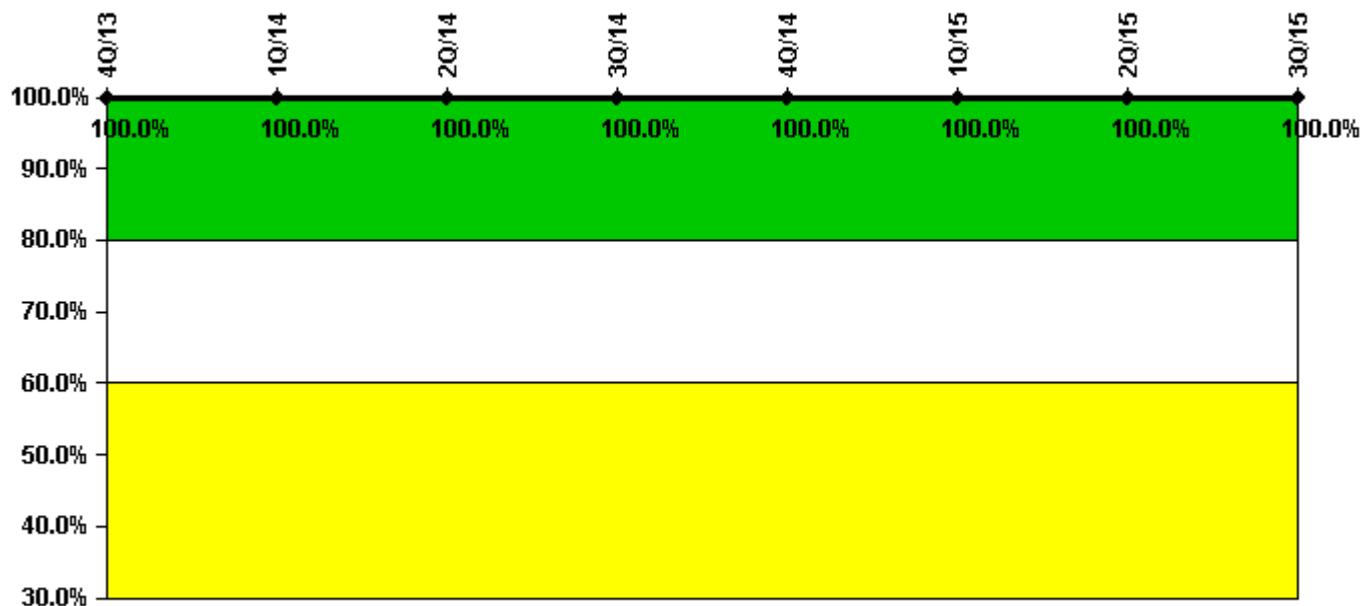
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful opportunities	73.0	20.0	38.0	49.0	12.0	41.0	36.0	44.0
Total opportunities	74.0	22.0	38.0	50.0	12.0	41.0	36.0	44.0
Indicator value	96.5%	96.1%	96.6%	96.7%	96.2%	96.6%	97.4%	98.7%

Licensee Comments: none

ERO Drill Participation



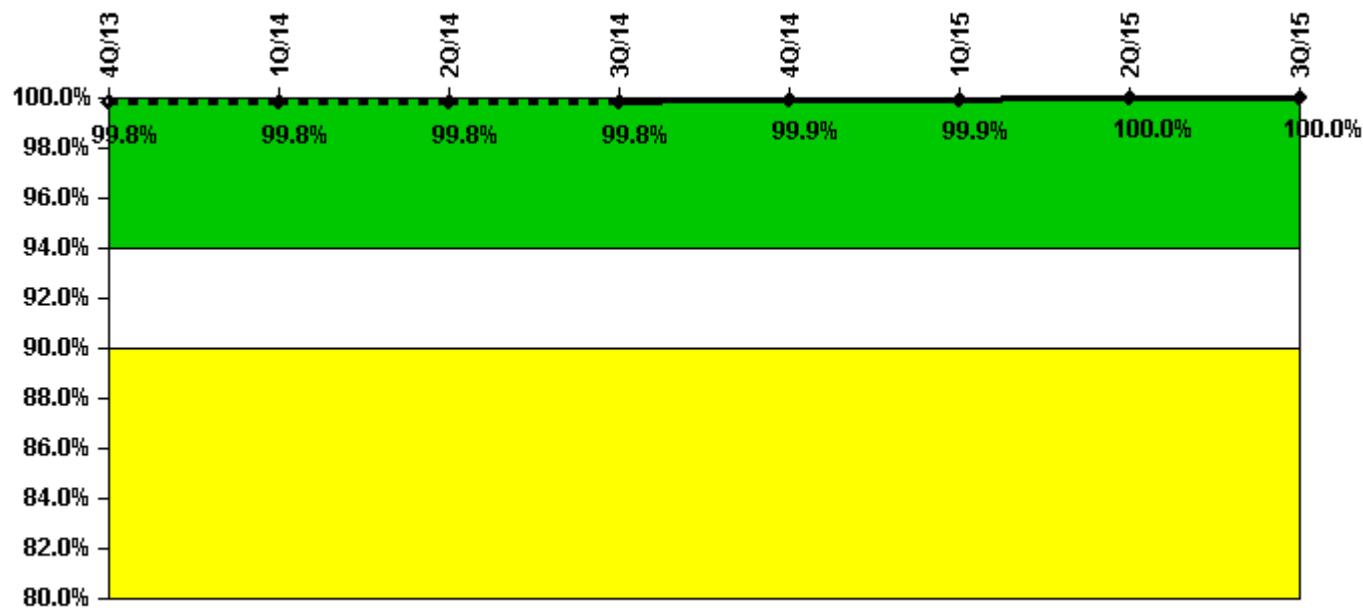
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Participating Key personnel	175.0	176.0	179.0	179.0	175.0	174.0	173.0	170.0
Total Key personnel	175.0	176.0	179.0	179.0	175.0	174.0	173.0	170.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



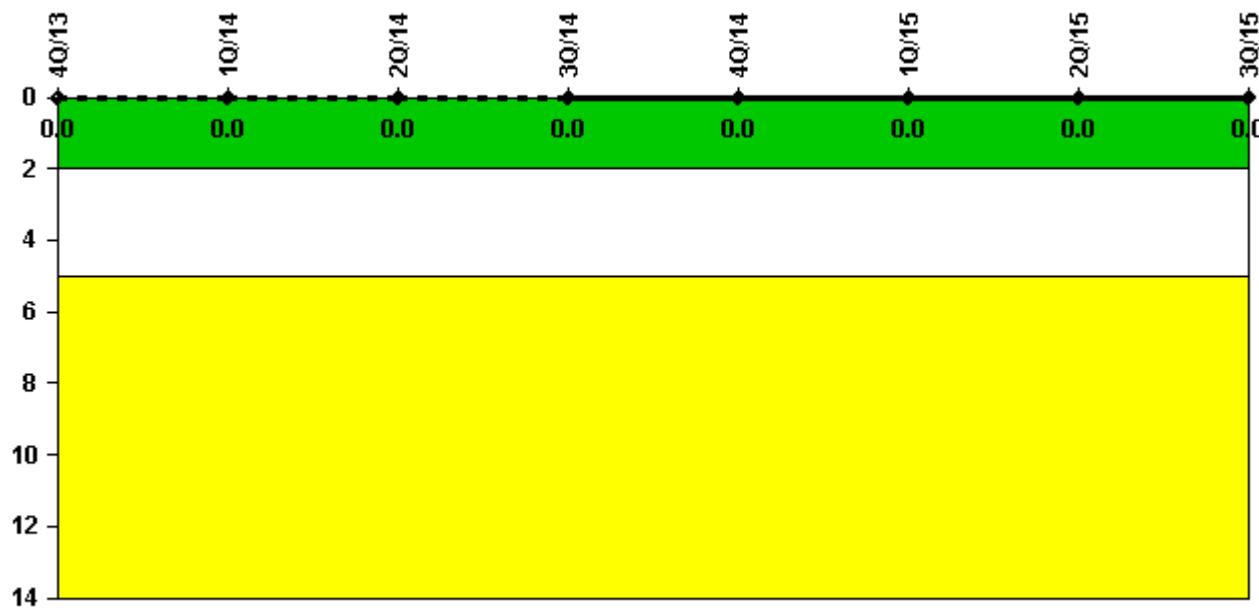
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
Successful siren-tests	1873	1735	1807	1876	1809	1807	1797	1804
Total sirens-tests	1876	1742	1809	1876	1809	1809	1797	1804
Indicator value	99.8%	99.8%	99.8%	99.8%	99.9%	99.9%	100.0%	100.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



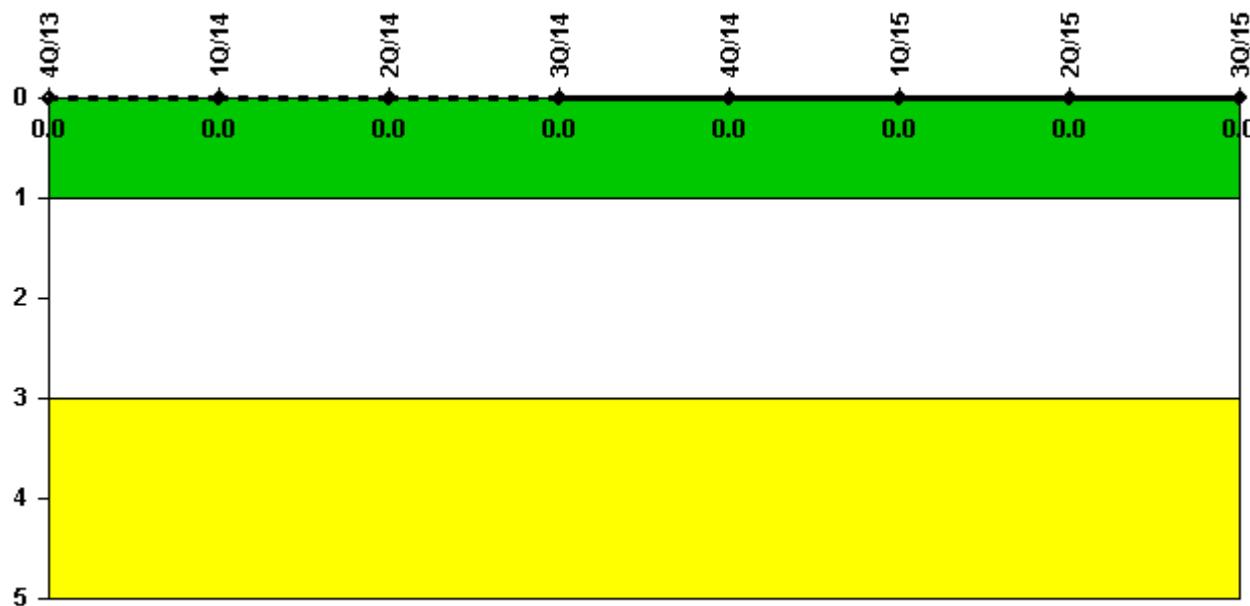
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/13	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: December 15, 2015

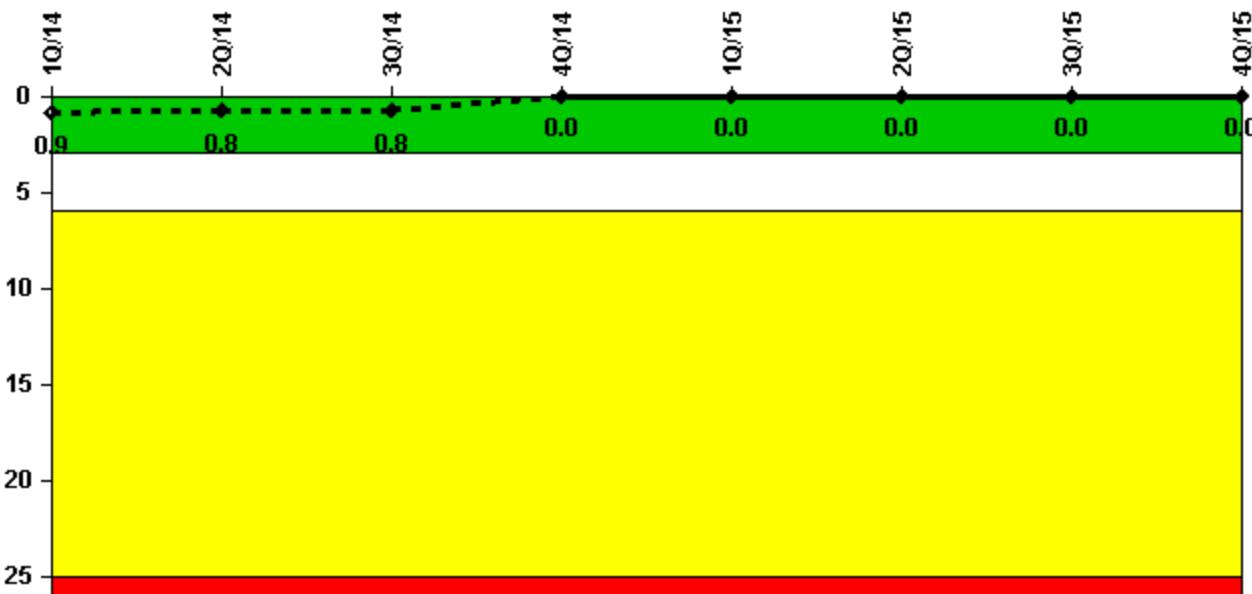
McGuire 1

4Q/2015 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 2015Q4, PI Data

Unplanned Scrams per 7000 Critical Hrs



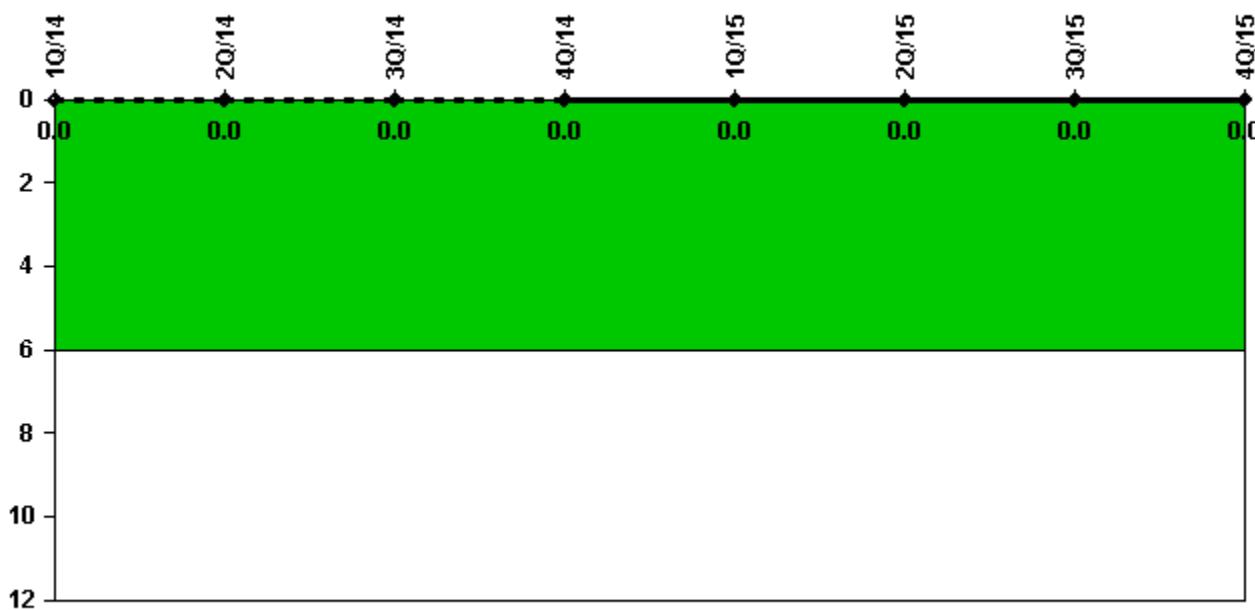
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	1780.2	1136.3	2014.7	2184.0	2208.0	2209.0
Indicator value	0.9	0.8	0.8	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

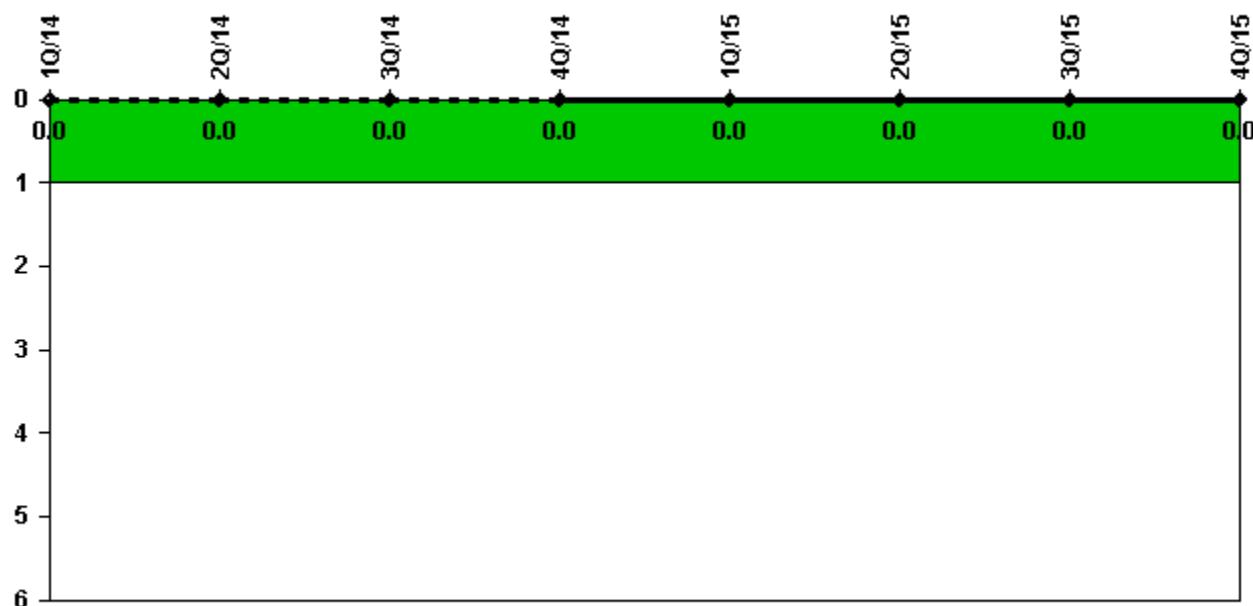
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2159.0	2184.0	1780.2	1136.3	2014.7	2184.0	2208.0	2209.0
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



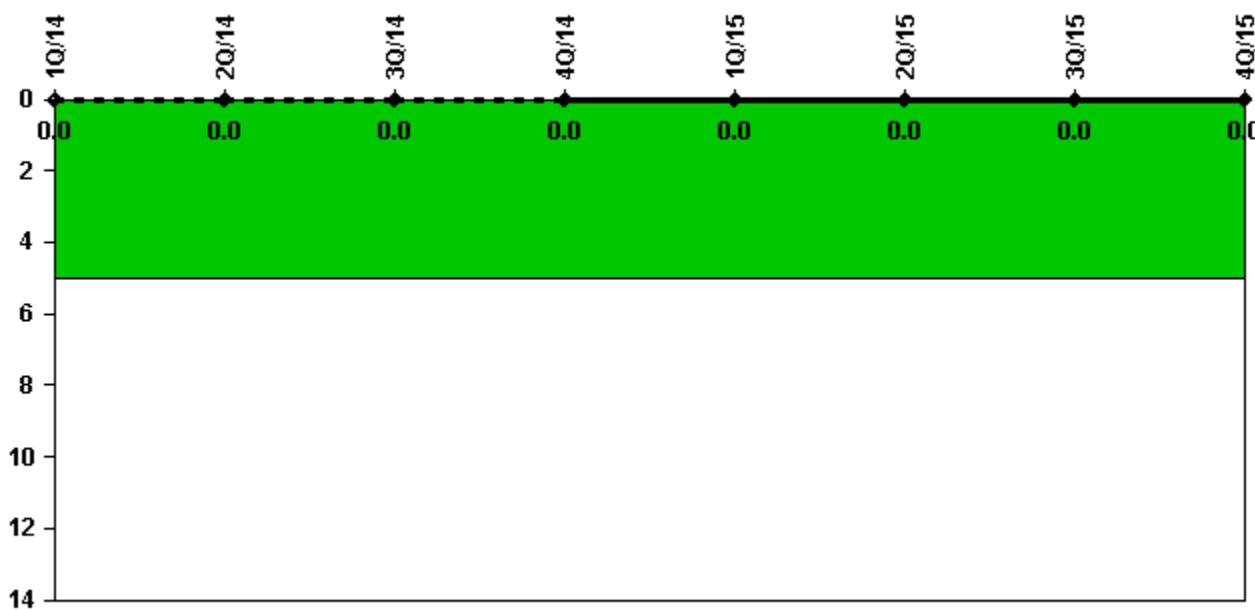
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



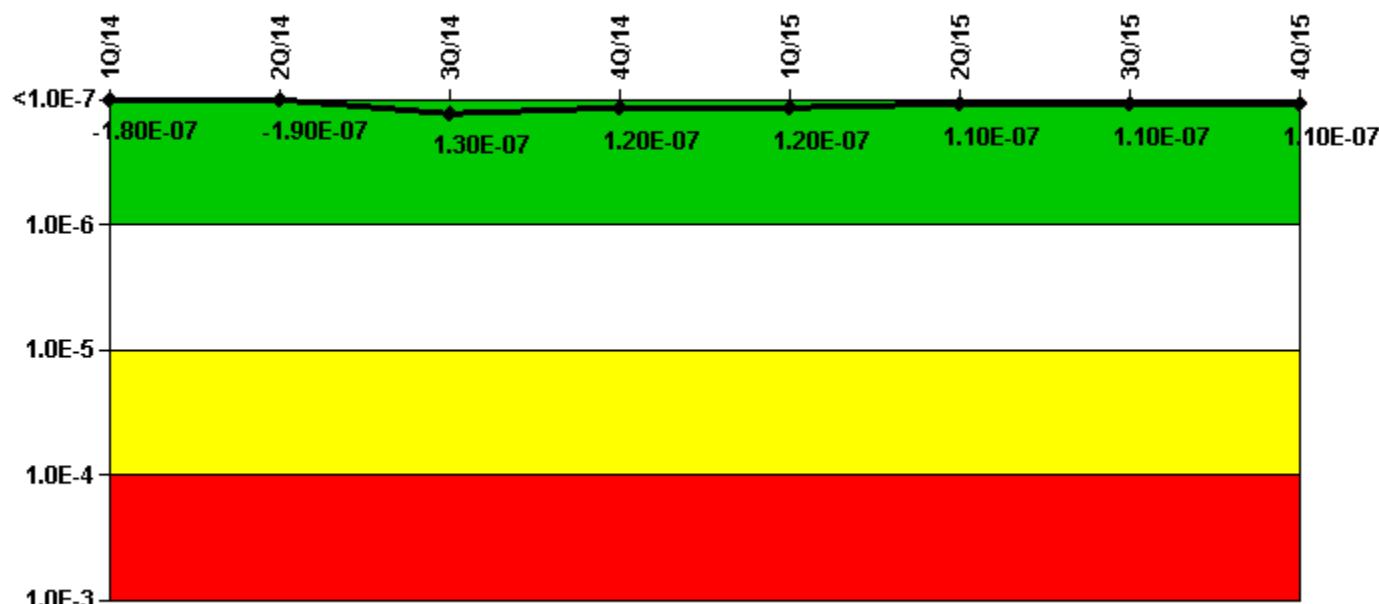
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



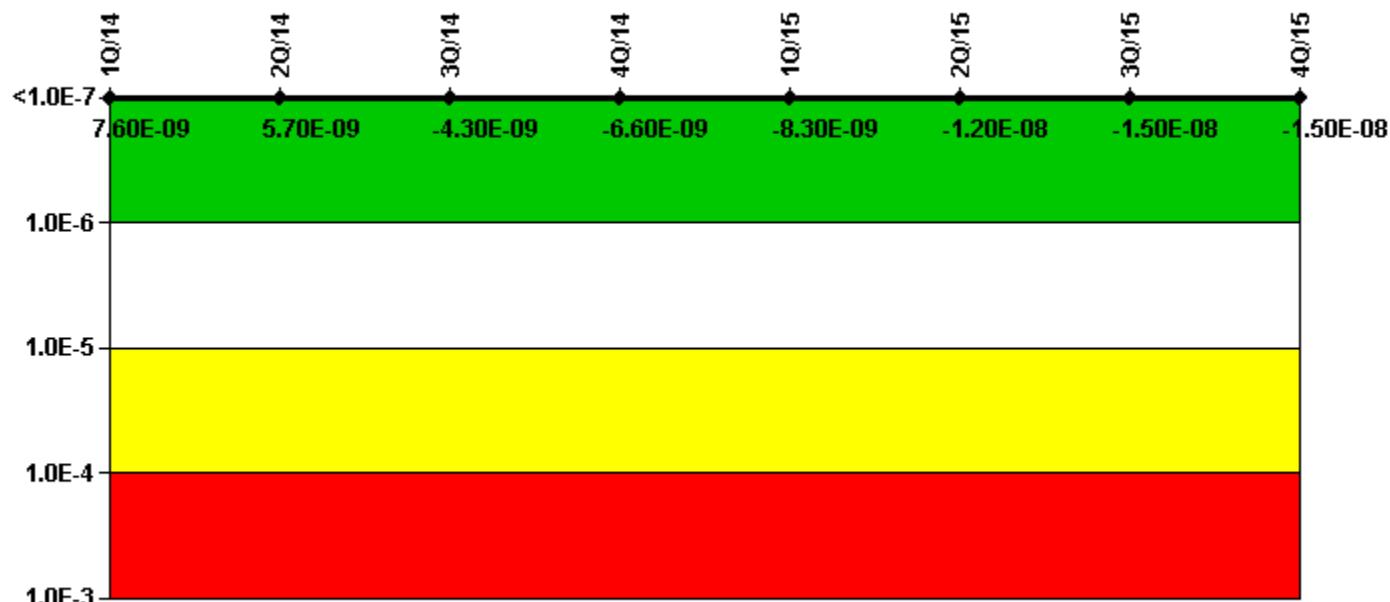
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.18E-08	-1.58E-09	3.88E-08	3.03E-08	2.19E-08	1.43E-08	1.54E-08	1.54E-08
URI (Δ CDF)	-1.89E-07	-1.89E-07	9.47E-08	9.47E-08	9.47E-08	9.47E-08	9.47E-08	9.47E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.80E-07	-1.90E-07	1.30E-07	1.20E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



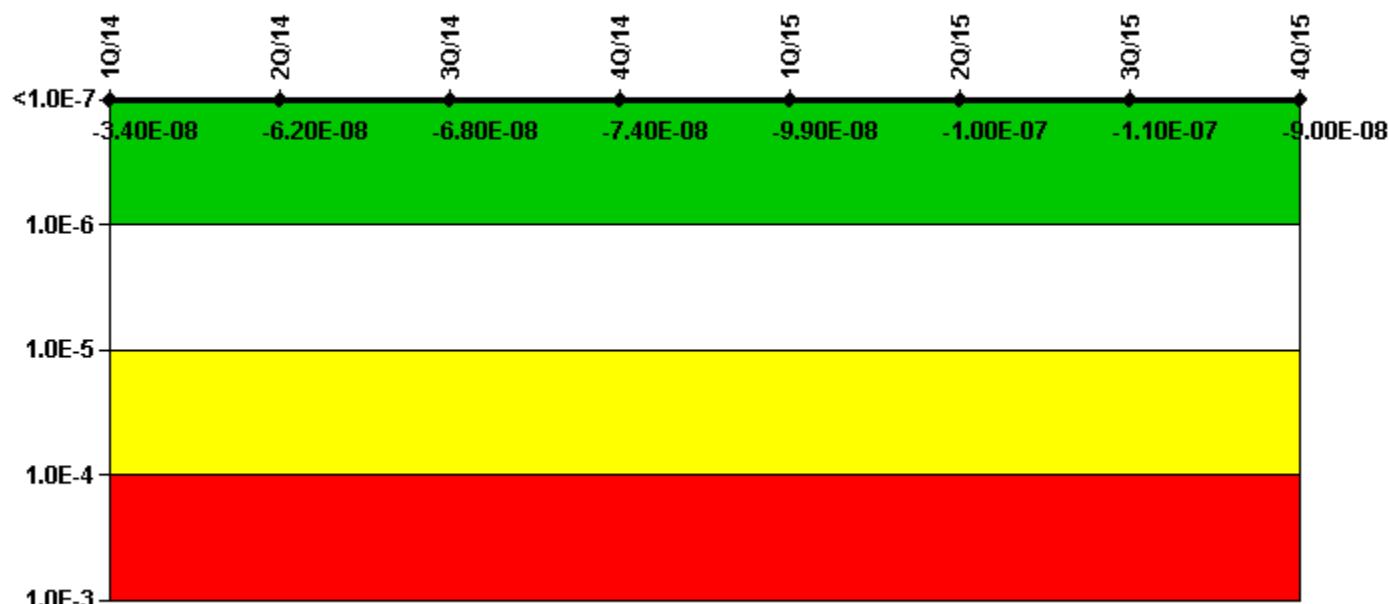
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.91E-08	1.72E-08	7.30E-09	4.98E-09	3.22E-09	-6.86E-10	-3.56E-09	-3.16E-09
URI (Δ CDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.60E-09	5.70E-09	-4.30E-09	-6.60E-09	-8.30E-09	-1.20E-08	-1.50E-08	-1.50E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



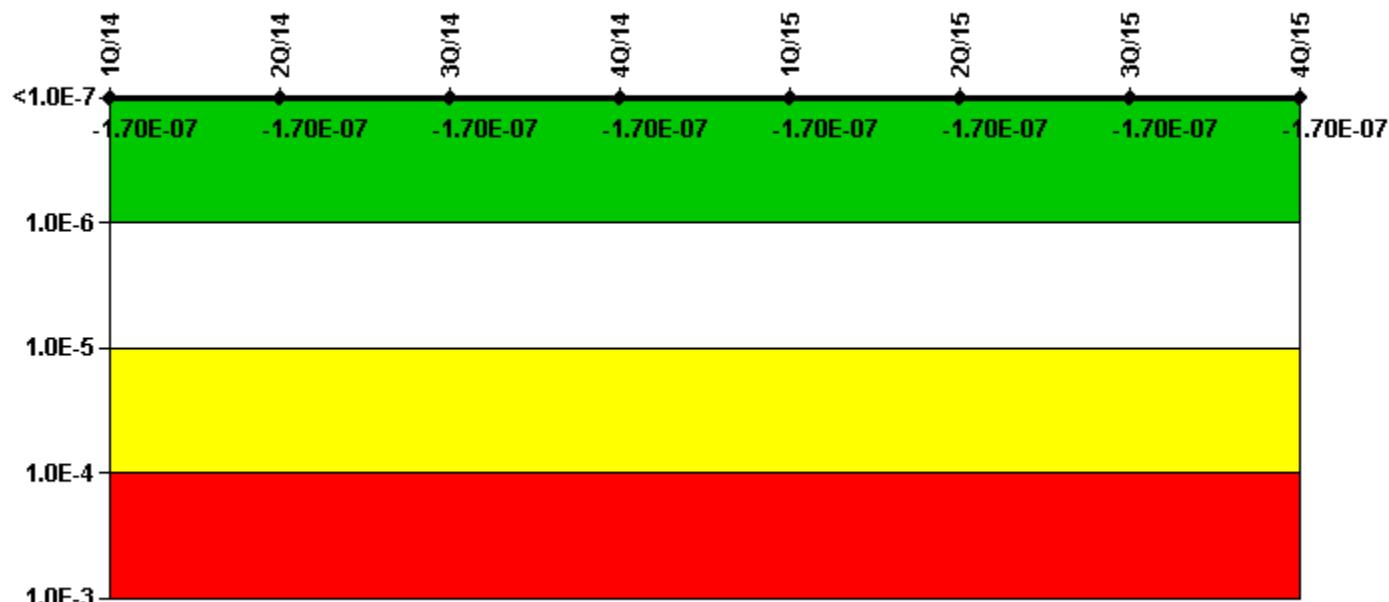
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.06E-07	7.69E-08	7.14E-08	6.51E-08	4.04E-08	3.61E-08	2.89E-08	4.94E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-3.40E-08	-6.20E-08	-6.80E-08	-7.40E-08	-9.90E-08	-1.00E-07	-1.10E-07	-9.00E-08

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



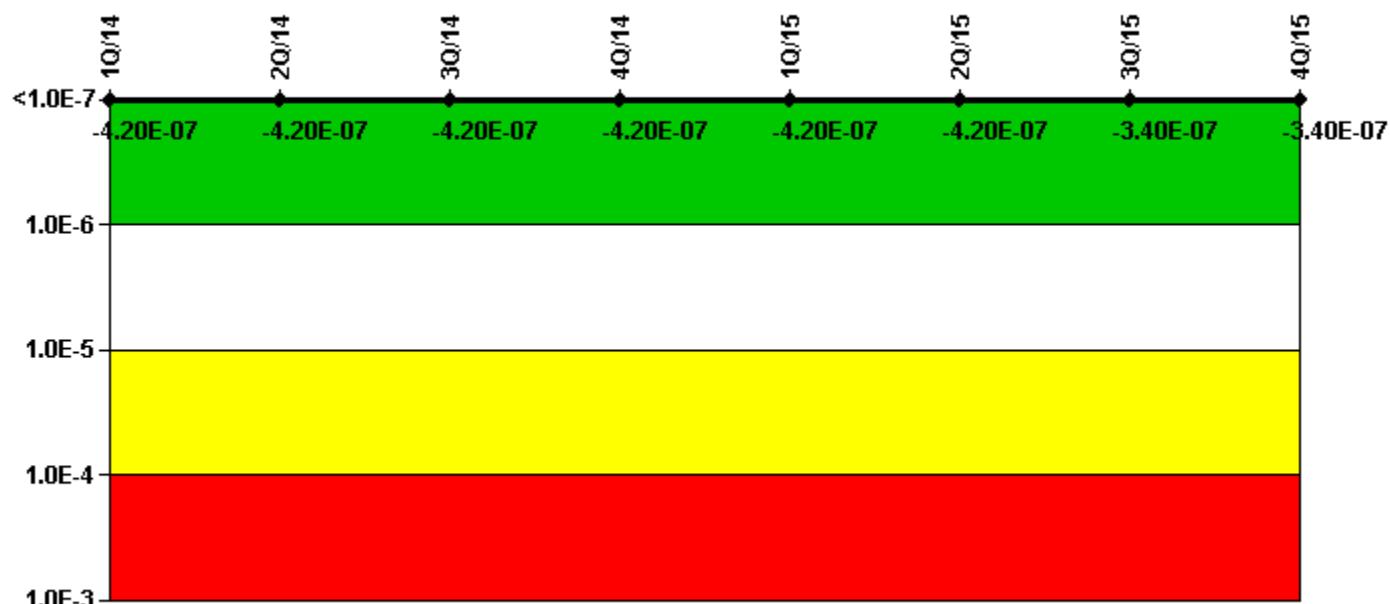
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	-3.28E-08							
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.70E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



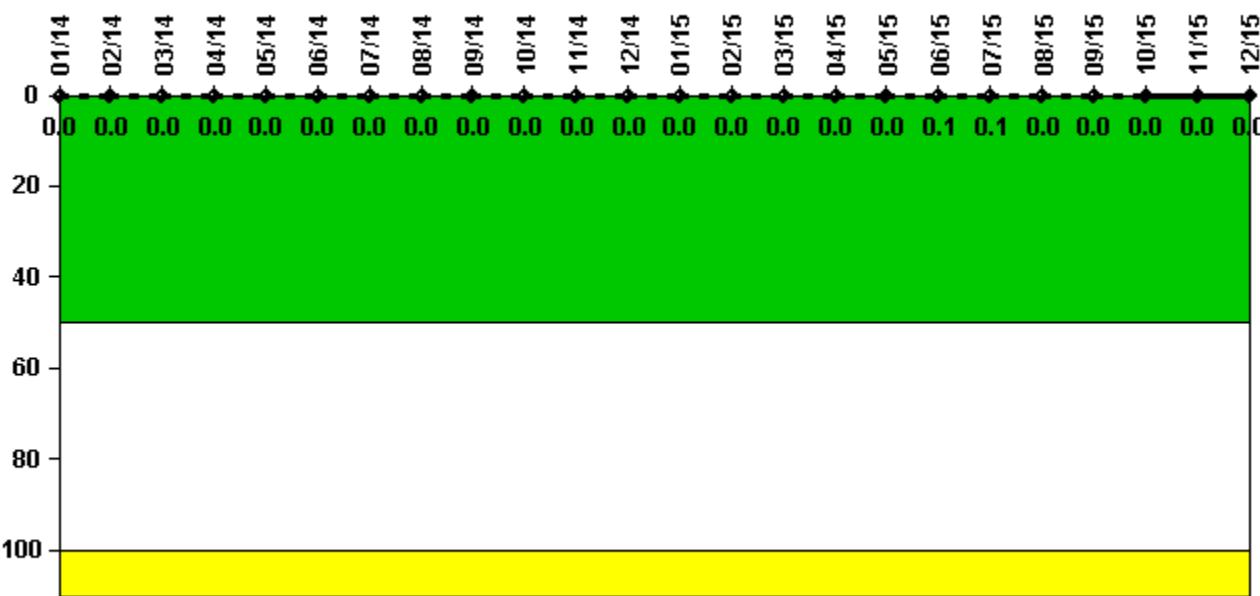
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
UAI (Δ CDF)	1.97E-09	1.65E-09	3.69E-10	2.89E-10	5.11E-10	6.37E-11	7.85E-08	7.82E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-3.40E-07	-3.40E-07

Licensee Comments: none

Reactor Coolant System Activity



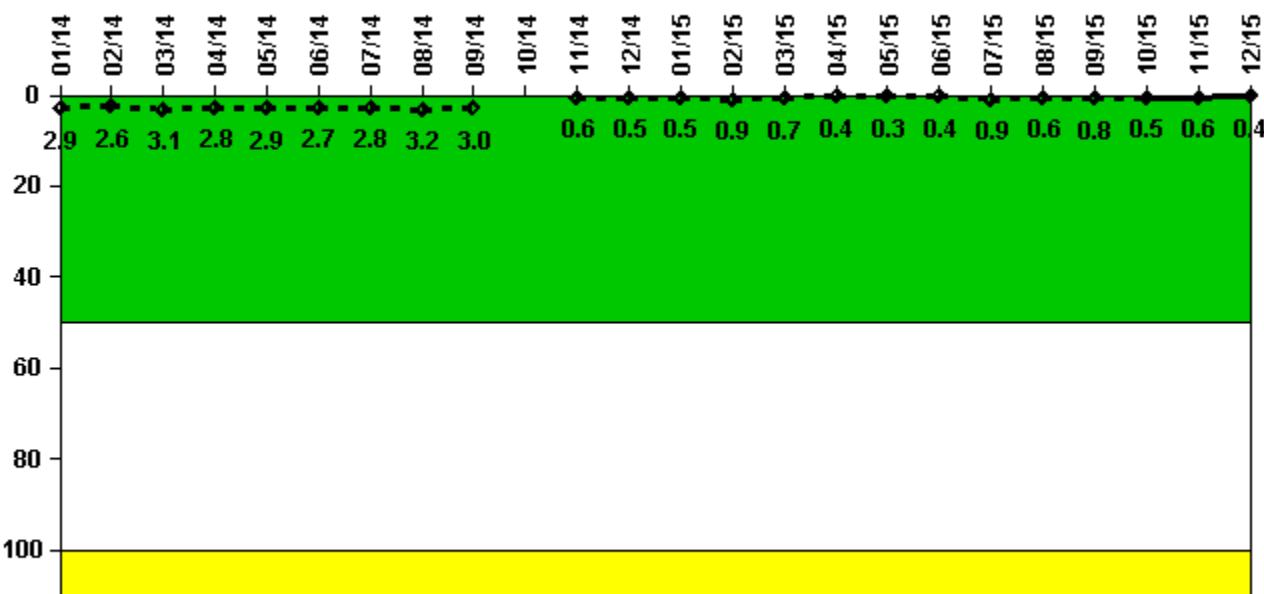
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum activity	0.000175	0.000174	0.000187	0.000175	0.000331	0.000198	0.000196	0.000193	0.000194	0	0.000098	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0									
Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000116	0.000103	0.000174	0.000331	0.000127	0.000944	0.000824	0.000143	0.000146	0.000132	0.000162	0.000163
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



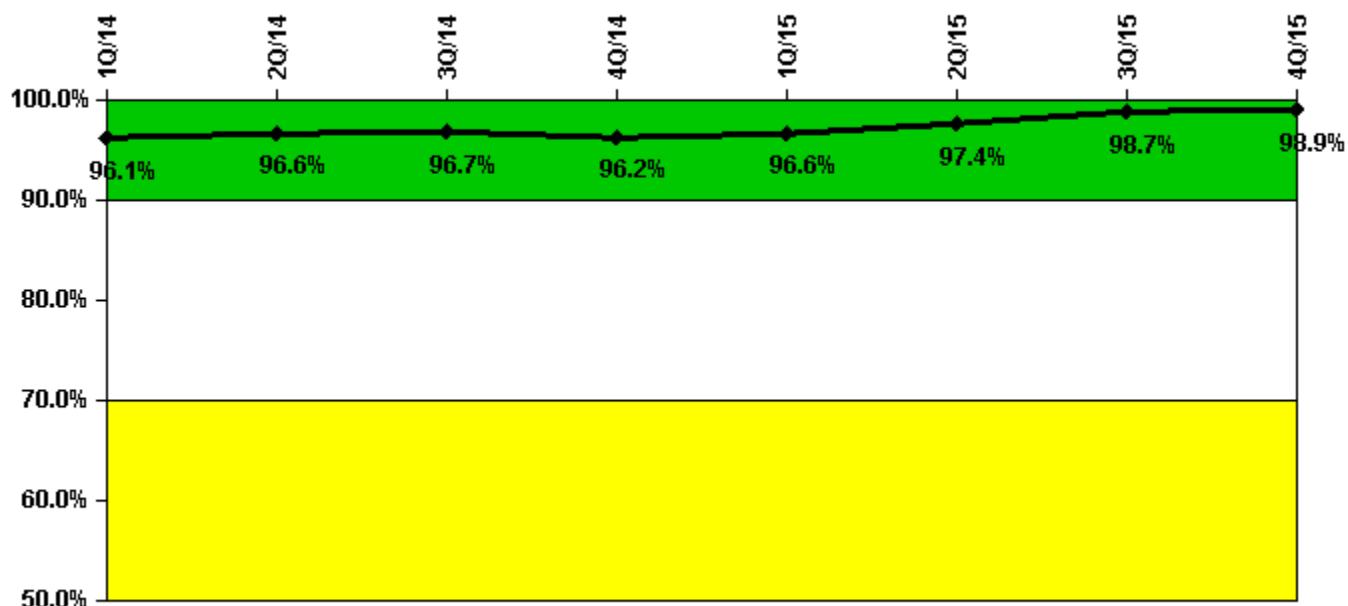
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/14	2/14	3/14	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14
Maximum leakage	0.291	0.259	0.305	0.283	0.287	0.272	0.278	0.317	0.304	N/A	0.058	0.049
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.9	2.6	3.1	2.8	2.9	2.7	2.8	3.2	3.0	N/A	0.6	0.5
Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.048	0.093	0.071	0.044	0.034	0.040	0.087	0.058	0.084	0.051	0.059	0.036
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.9	0.7	0.4	0.3	0.4	0.9	0.6	0.8	0.5	0.6	0.4

Licensee Comments: none

Drill/Exercise Performance



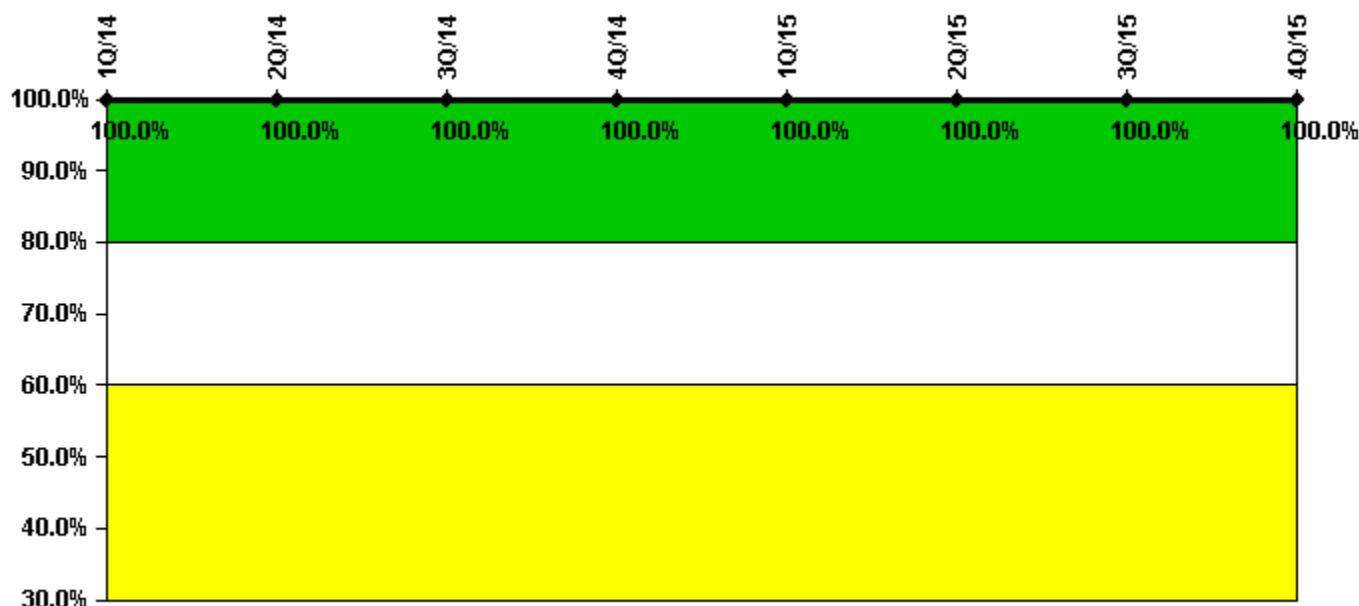
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful opportunities	20.0	38.0	49.0	12.0	41.0	36.0	44.0	34.0
Total opportunities	22.0	38.0	50.0	12.0	41.0	36.0	44.0	34.0
Indicator value	96.1%	96.6%	96.7%	96.2%	96.6%	97.4%	98.7%	98.9%

Licensee Comments: none

ERO Drill Participation



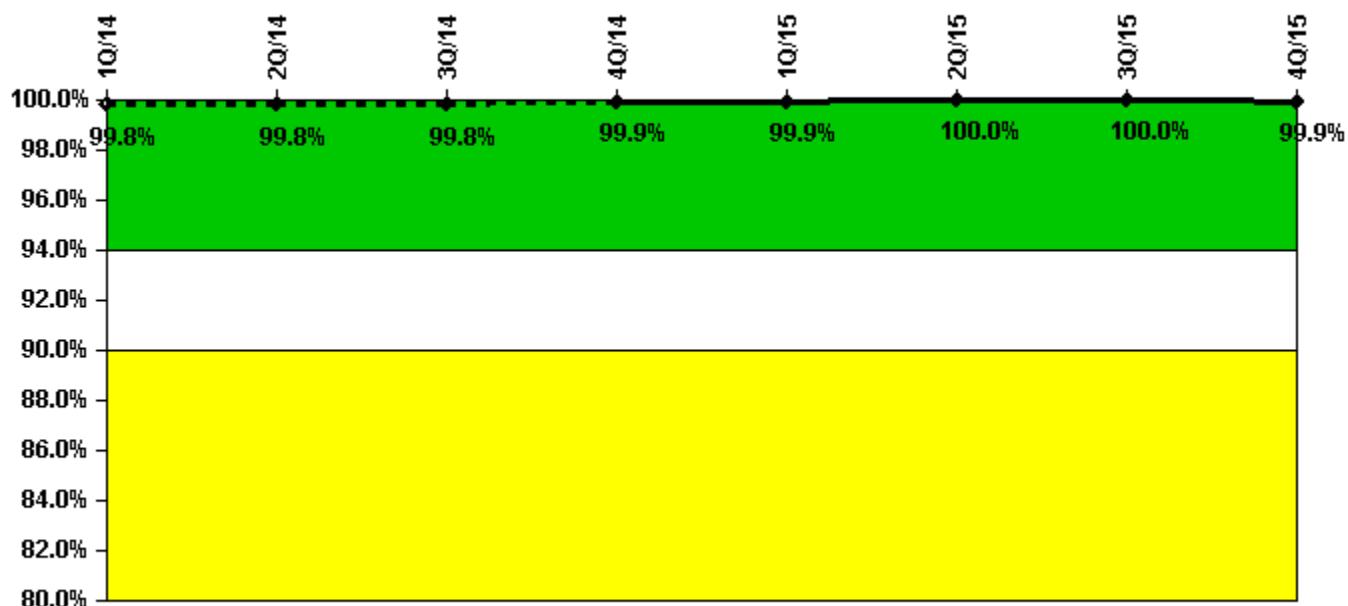
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Participating Key personnel	176.0	179.0	179.0	175.0	174.0	173.0	170.0	162.0
Total Key personnel	176.0	179.0	179.0	175.0	174.0	173.0	170.0	162.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



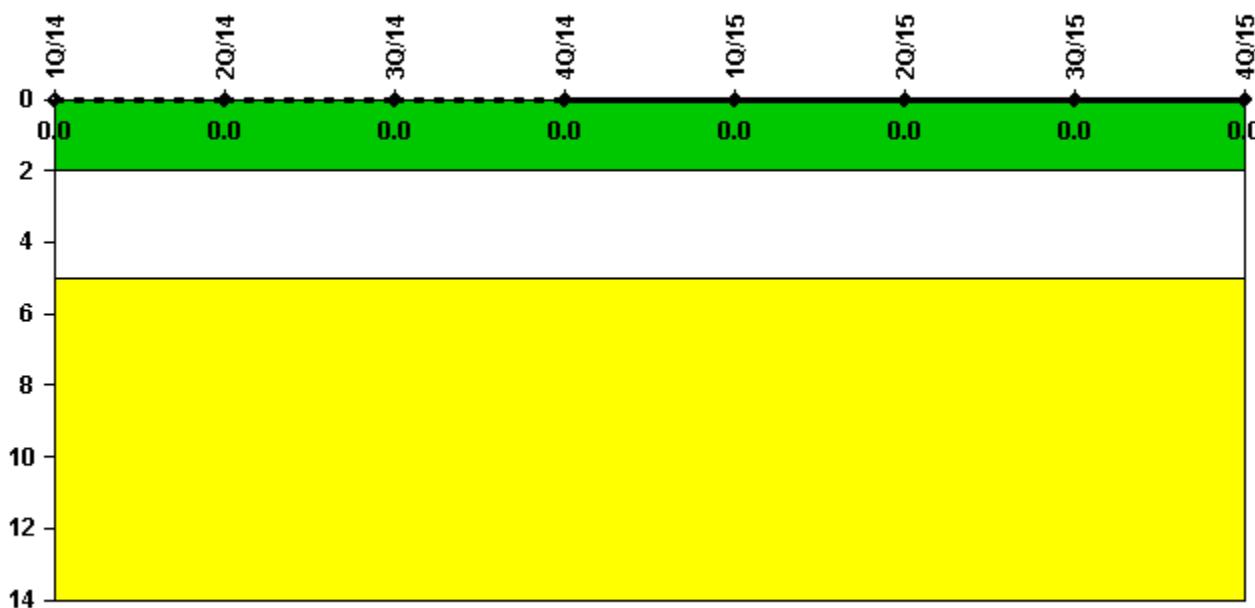
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
Successful siren-tests	1735	1807	1876	1809	1807	1797	1804	1874
Total sirens-tests	1742	1809	1876	1809	1809	1797	1804	1876
Indicator value	99.8%	99.8%	99.8%	99.9%	99.9%	100.0%	100.0%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



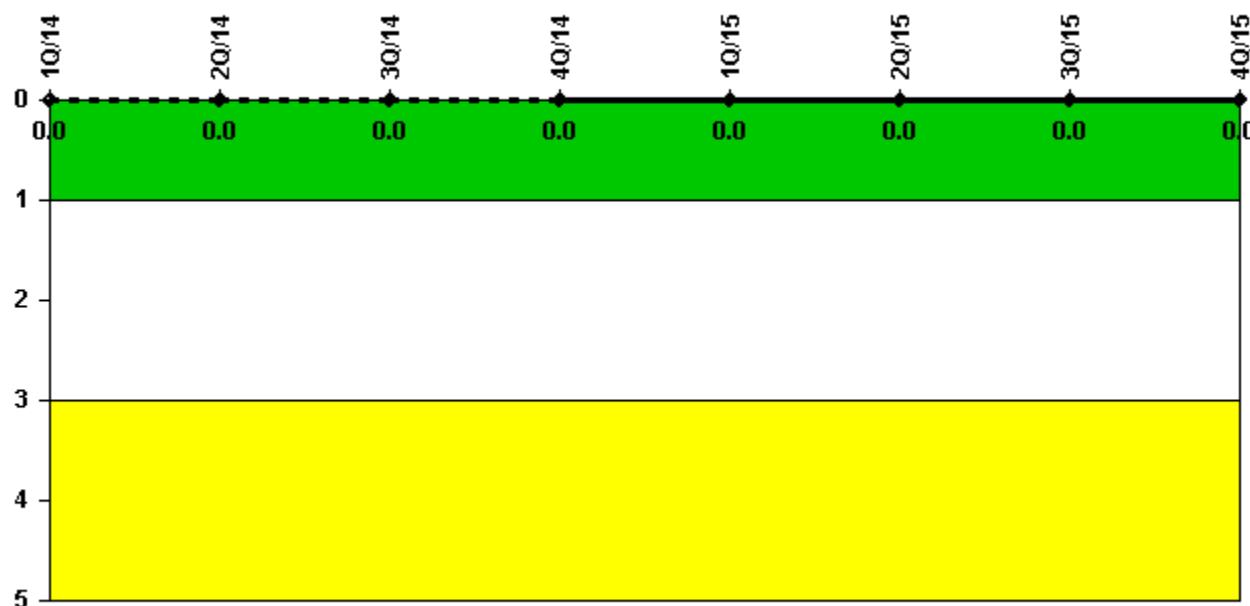
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/14	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: March 1, 2016

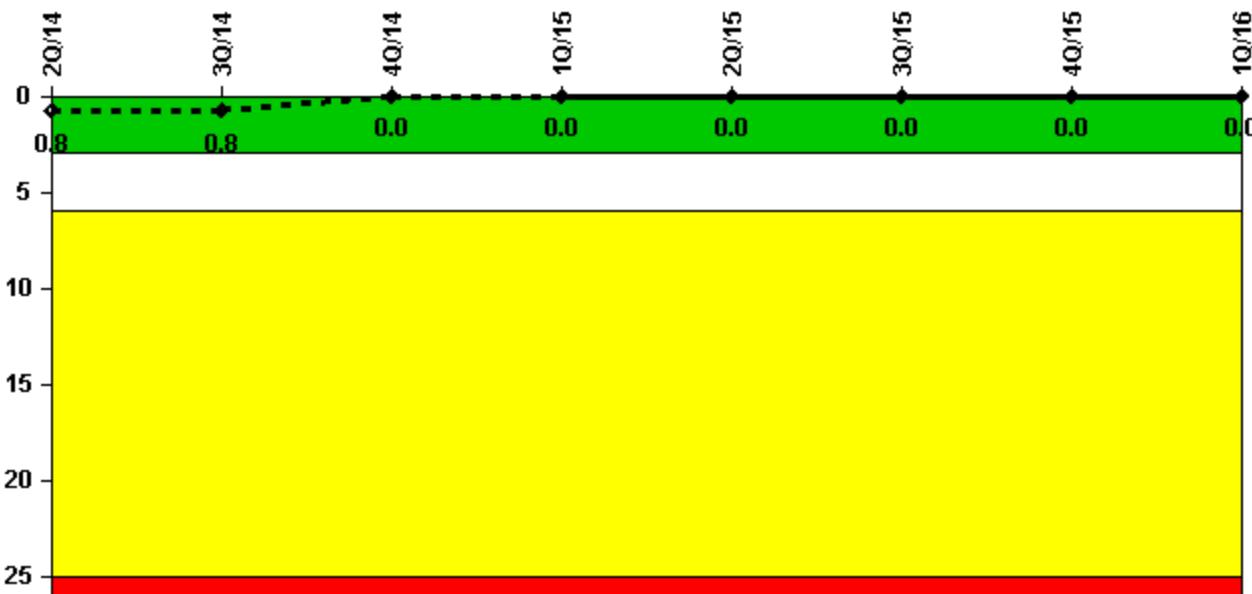
McGuire 1

1Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire Unit 1 2016Q1, PI Data

Unplanned Scrams per 7000 Critical Hrs



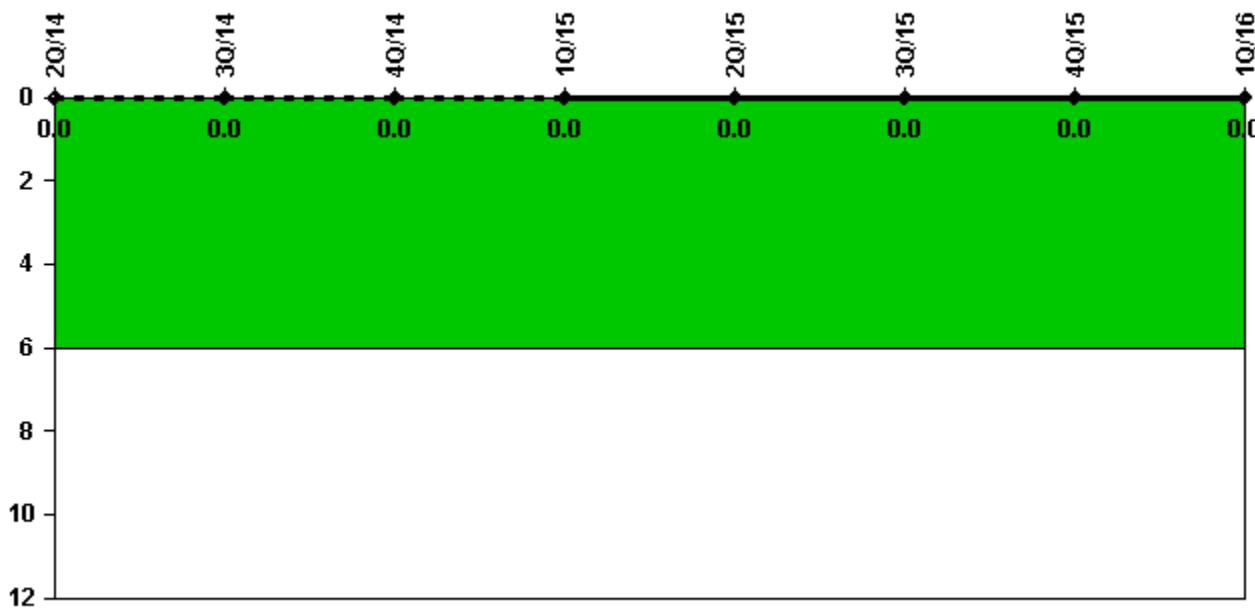
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	1780.2	1136.3	2014.7	2184.0	2208.0	2209.0	1875.2
Indicator value	0.8	0.8	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

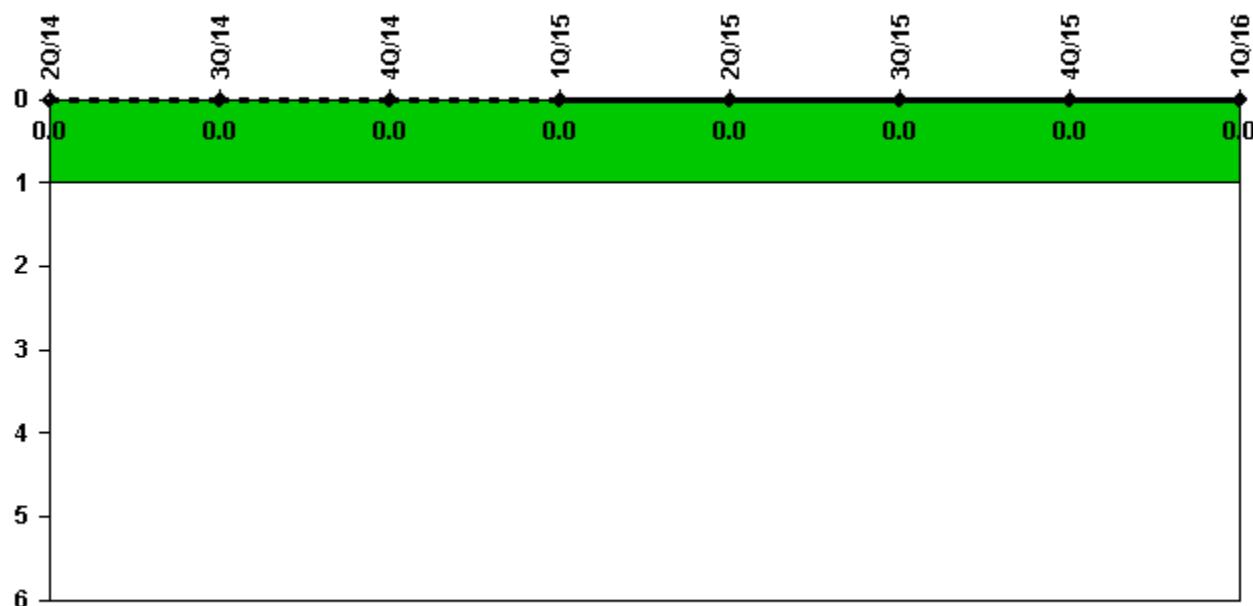
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	1780.2	1136.3	2014.7	2184.0	2208.0	2209.0	1875.2
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



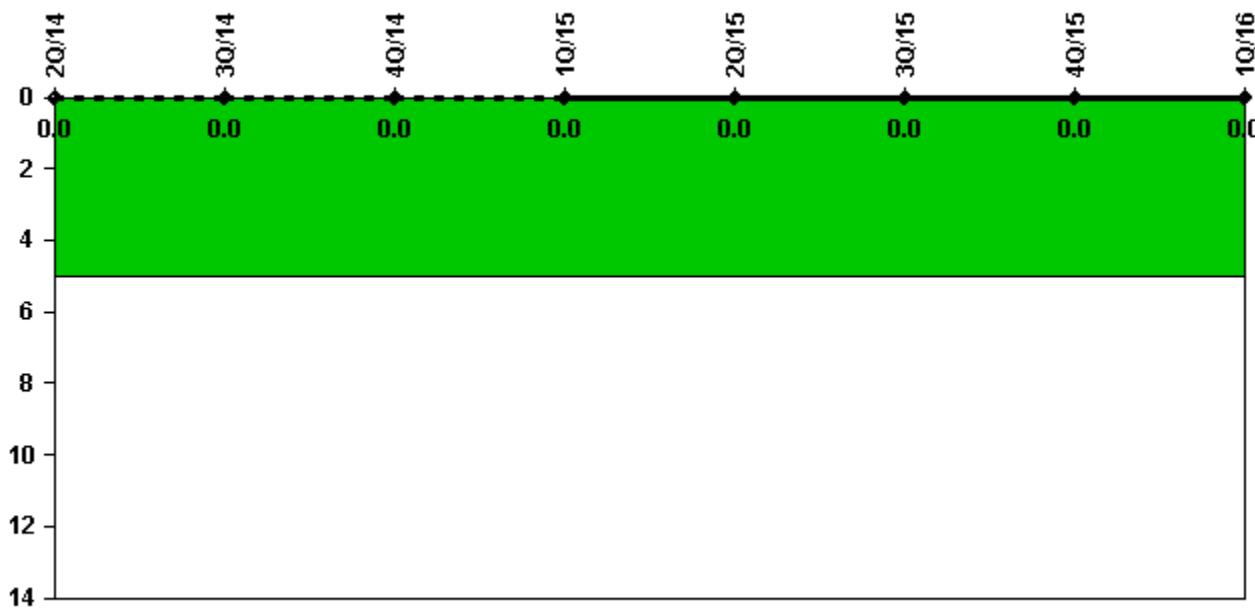
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



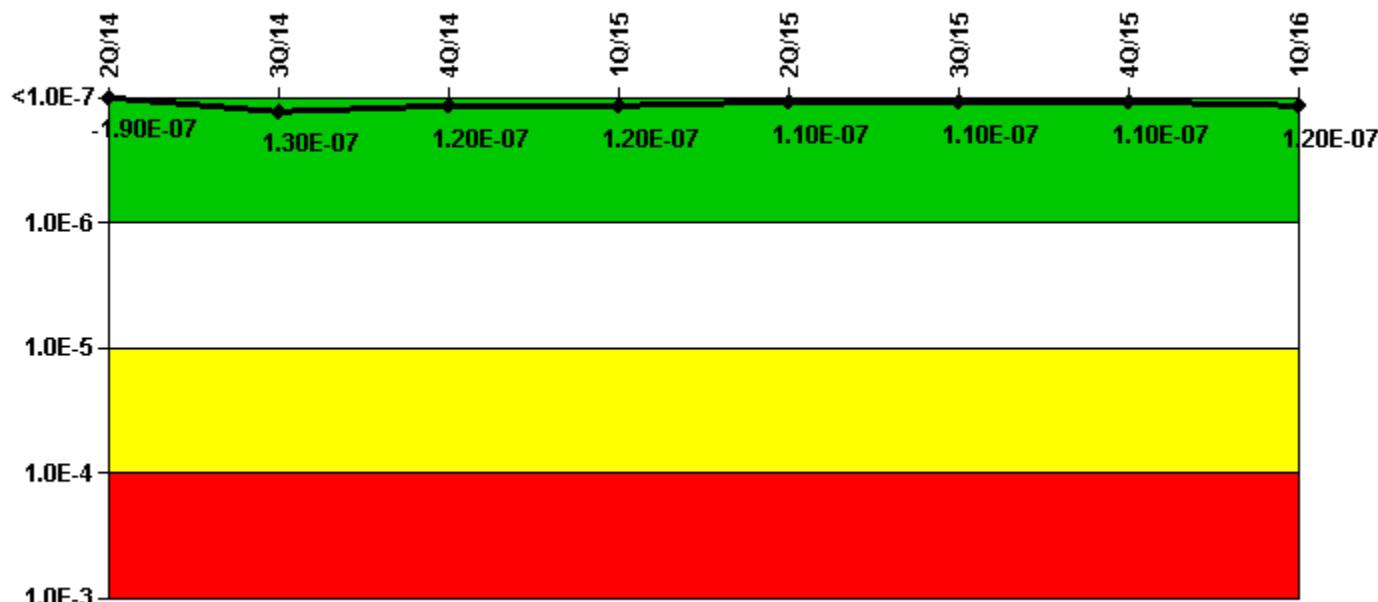
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



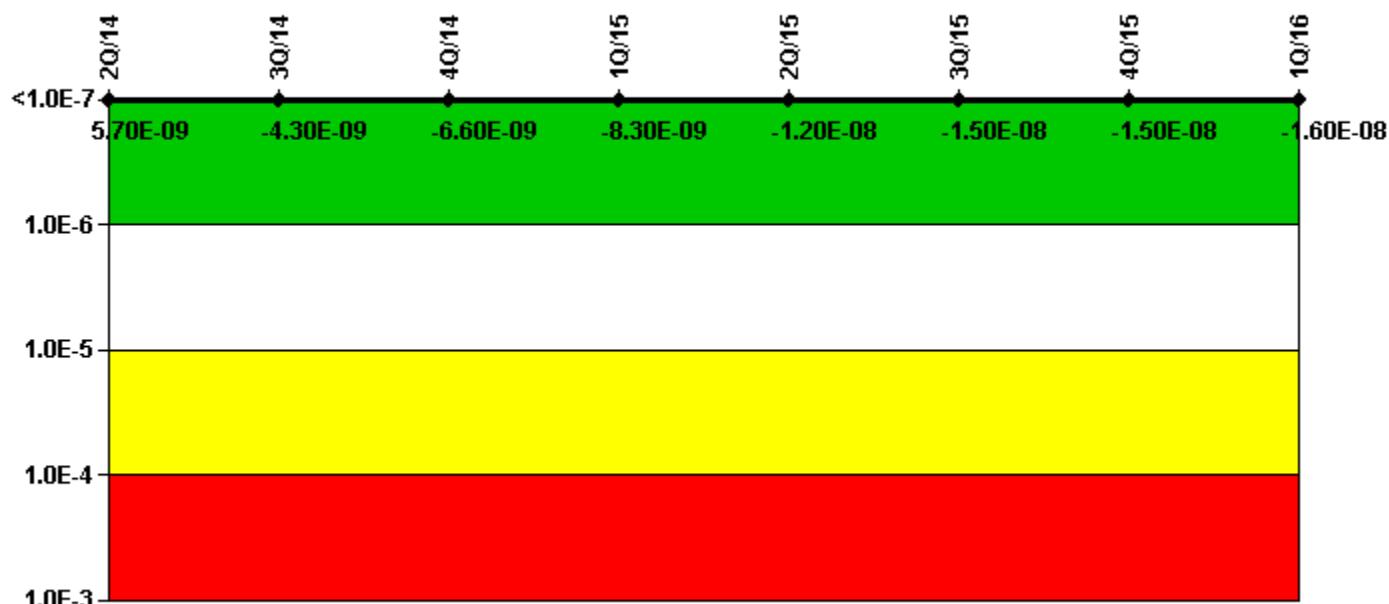
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-1.58E-09	3.88E-08	3.03E-08	2.19E-08	1.43E-08	1.54E-08	1.54E-08	2.13E-08
URI (Δ CDF)	-1.89E-07	9.47E-08						
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.90E-07	1.30E-07	1.20E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



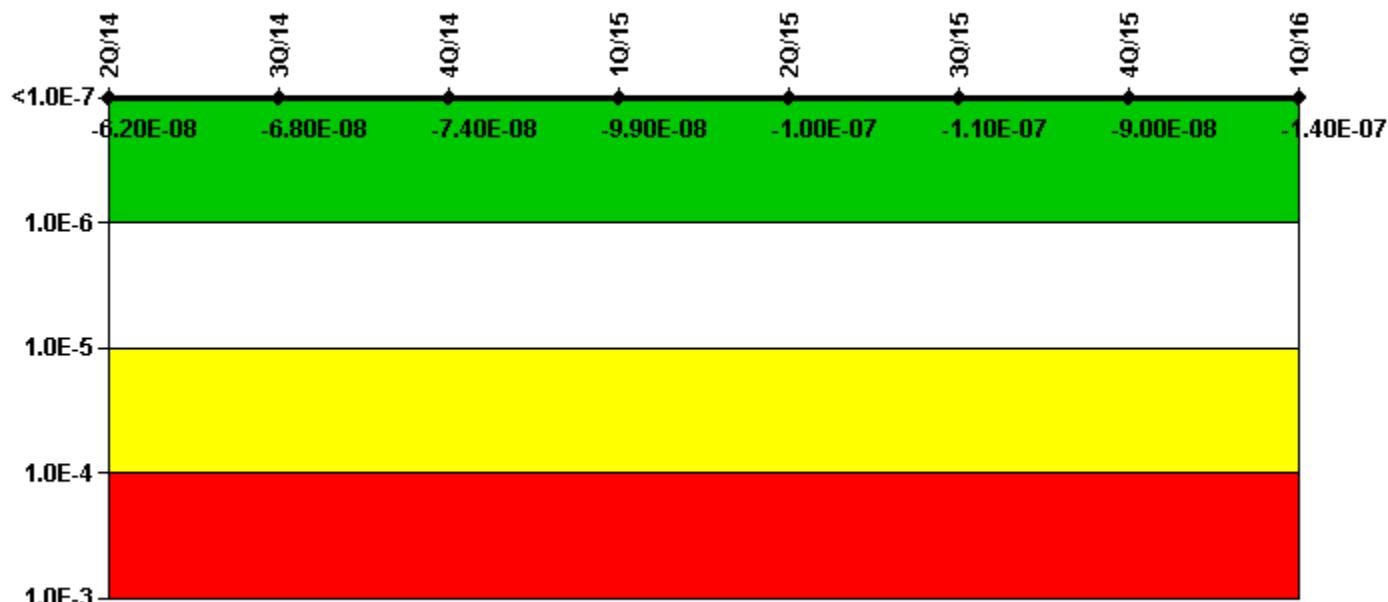
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	1.72E-08	7.30E-09	4.98E-09	3.22E-09	-6.86E-10	-3.56E-09	-3.16E-09	-4.38E-09
URI (Δ CDF)	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08	-1.16E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	5.70E-09	-4.30E-09	-6.60E-09	-8.30E-09	-1.20E-08	-1.50E-08	-1.50E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



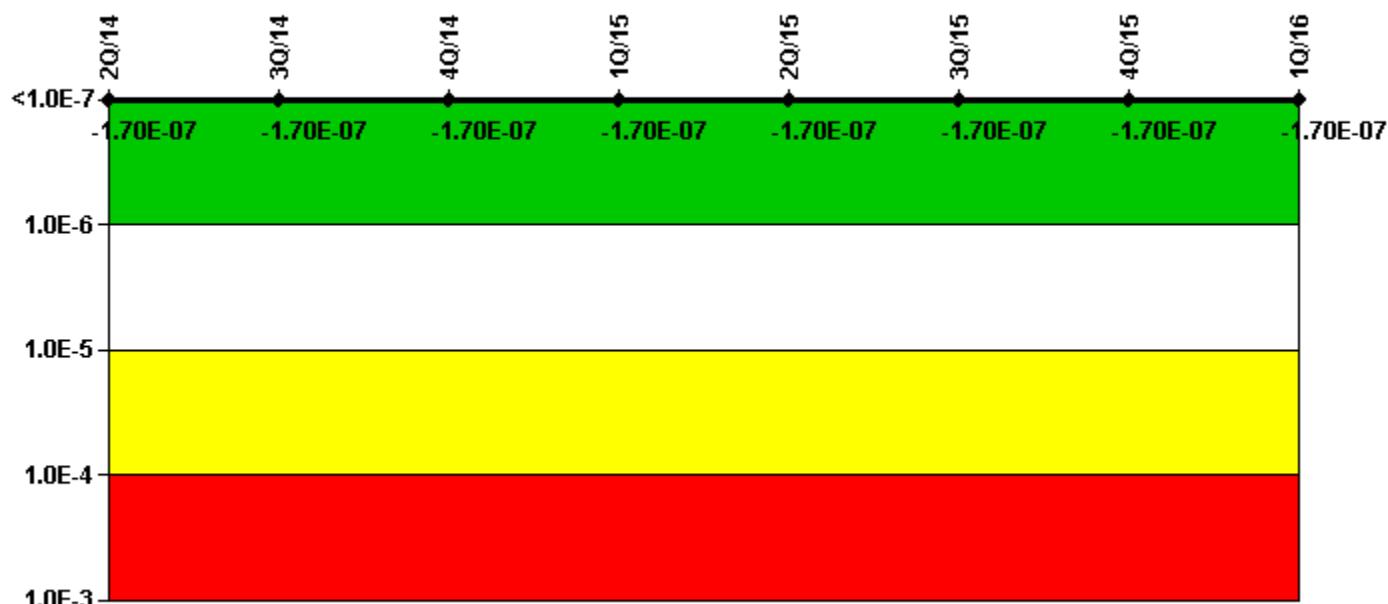
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	7.69E-08	7.14E-08	6.51E-08	4.04E-08	3.61E-08	2.89E-08	4.94E-08	2.03E-09
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-6.20E-08	-6.80E-08	-7.40E-08	-9.90E-08	-1.00E-07	-1.10E-07	-9.00E-08	-1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



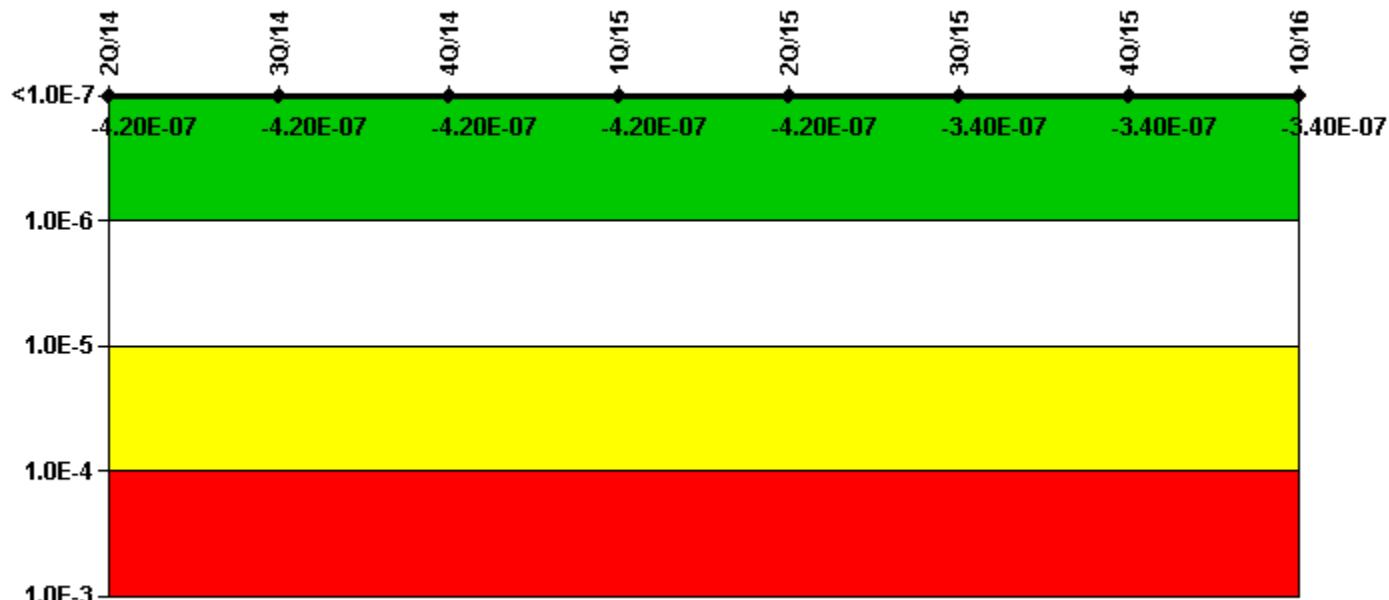
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	-3.28E-08							
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.70E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



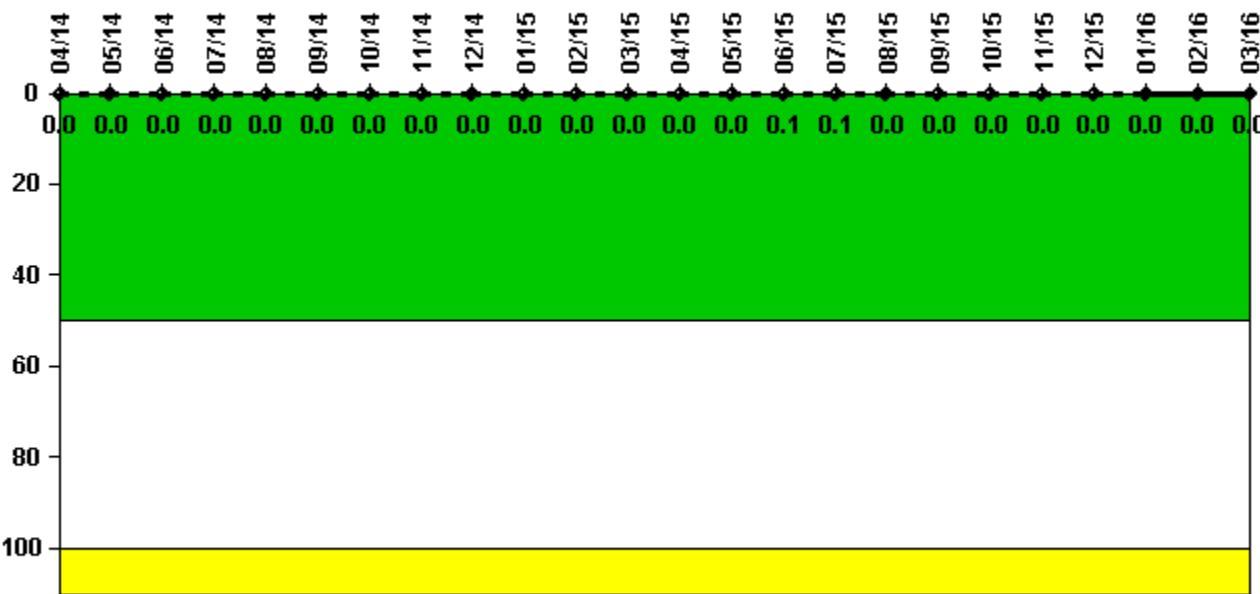
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
UAI (Δ CDF)	1.65E-09	3.69E-10	2.89E-10	5.11E-10	6.37E-11	7.85E-08	7.82E-08	7.77E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-3.40E-07	-3.40E-07	-3.40E-07

Licensee Comments: none

Reactor Coolant System Activity



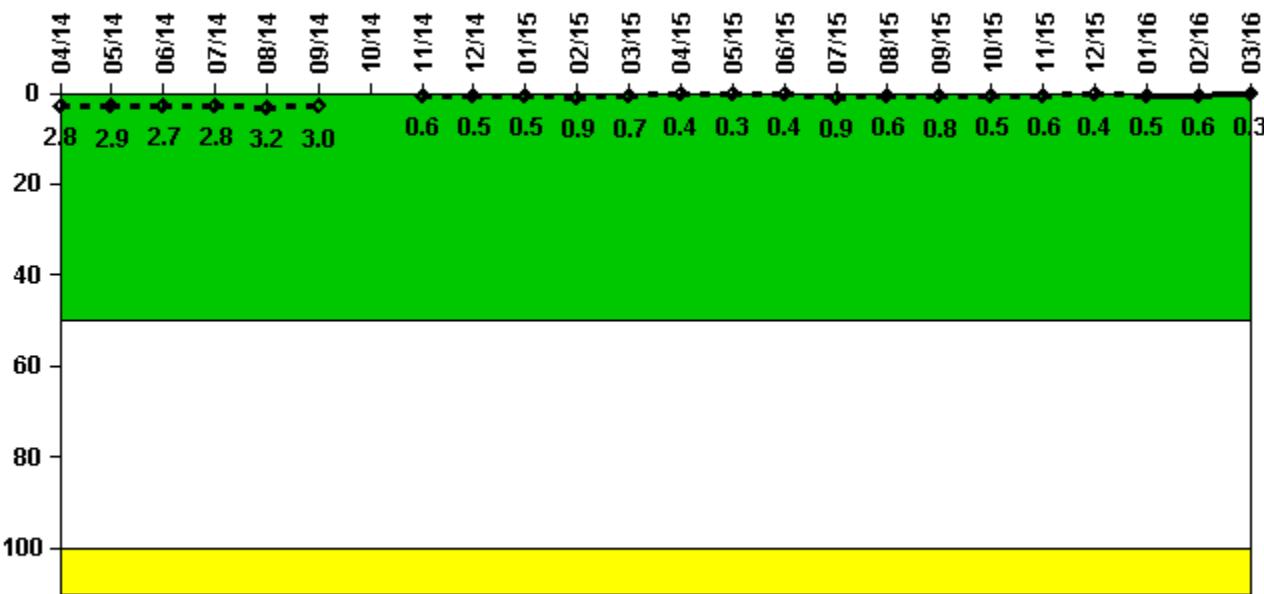
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum activity	0.000175	0.000331	0.000198	0.000196	0.000193	0.000194	0	0.000098	0.000100	0.000116	0.000103	0.000174
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.000331	0.000127	0.000944	0.000824	0.000143	0.000146	0.000132	0.000162	0.000163	0.000167	0.000172	0.000158
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



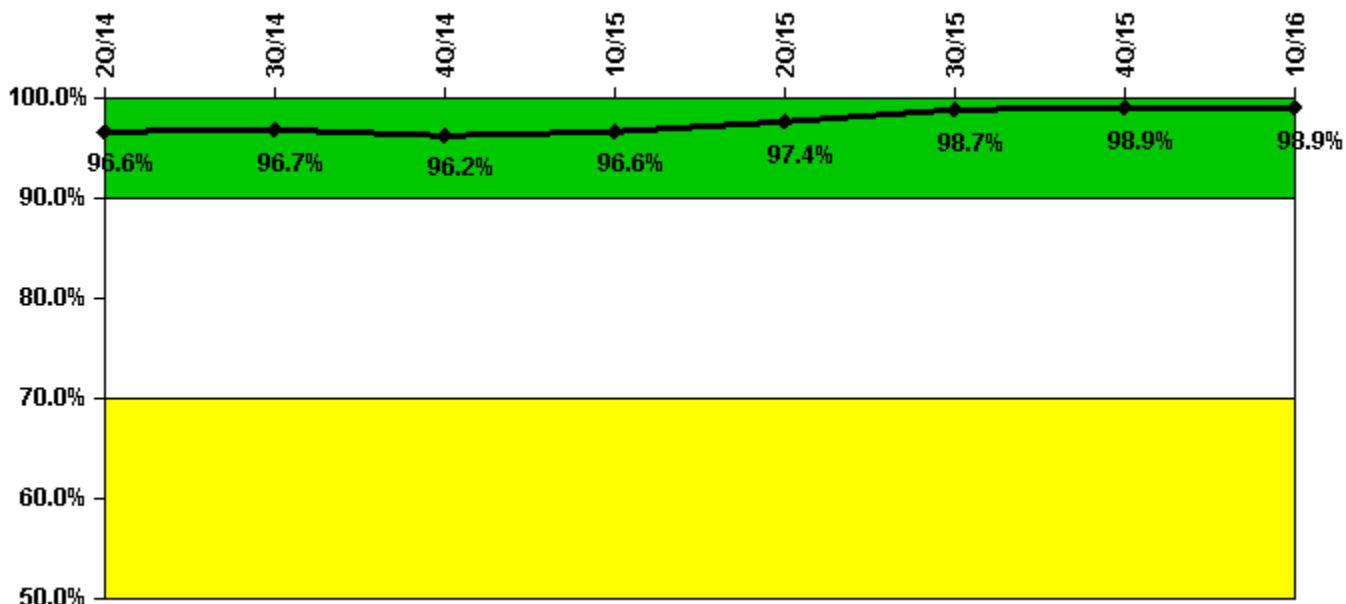
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	4/14	5/14	6/14	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15
Maximum leakage	0.283	0.287	0.272	0.278	0.317	0.304	N/A	0.058	0.049	0.048	0.093	0.071
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	2.9	2.7	2.8	3.2	3.0	N/A	0.6	0.5	0.5	0.9	0.7
Reactor Coolant System Leakage	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum leakage	0.044	0.034	0.040	0.087	0.058	0.084	0.051	0.059	0.036	0.051	0.057	0.025
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.4	0.3	0.4	0.9	0.6	0.8	0.5	0.6	0.4	0.5	0.6	0.3

Licensee Comments: none

Drill/Exercise Performance



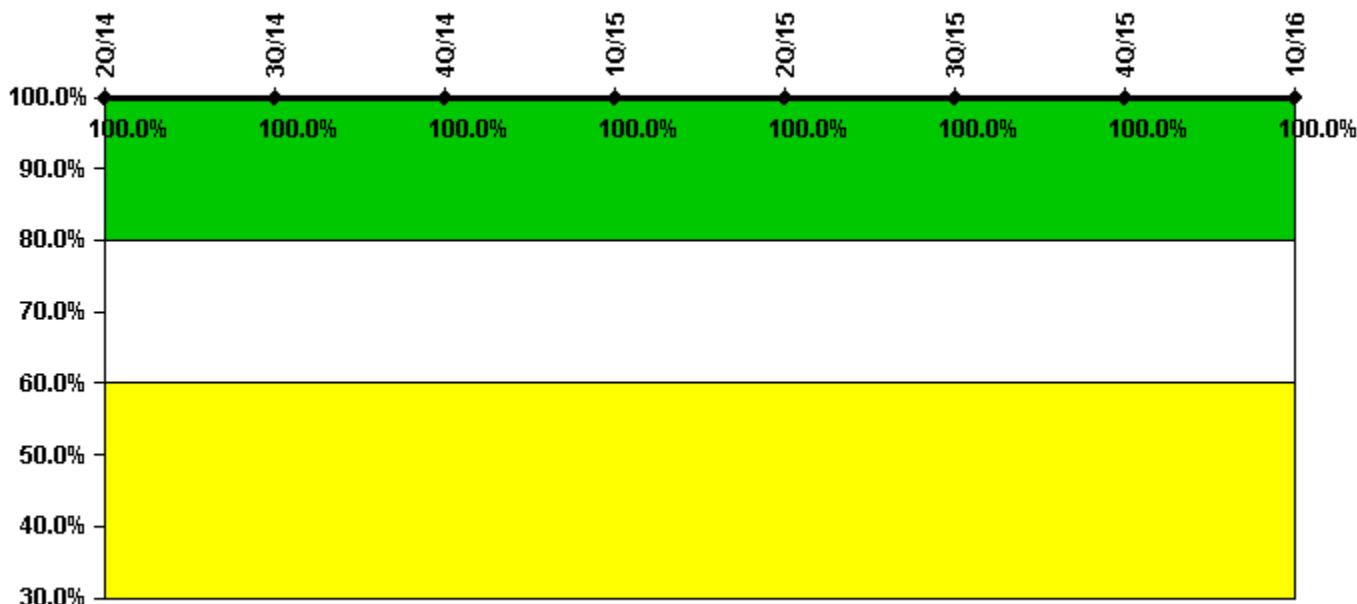
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful opportunities	38.0	49.0	12.0	41.0	36.0	44.0	34.0	21.0
Total opportunities	38.0	50.0	12.0	41.0	36.0	44.0	34.0	23.0
Indicator value	96.6%	96.7%	96.2%	96.6%	97.4%	98.7%	98.9%	98.9%

Licensee Comments: none

ERO Drill Participation



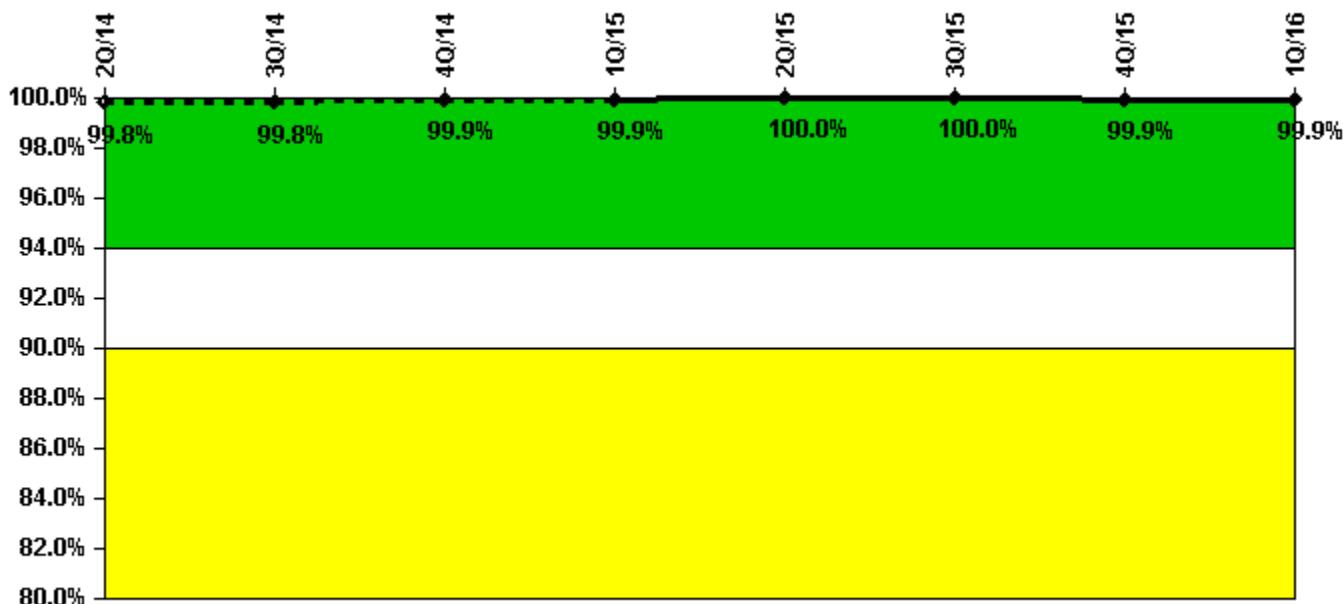
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Participating Key personnel	179.0	179.0	175.0	174.0	173.0	170.0	162.0	164.0
Total Key personnel	179.0	179.0	175.0	174.0	173.0	170.0	162.0	164.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



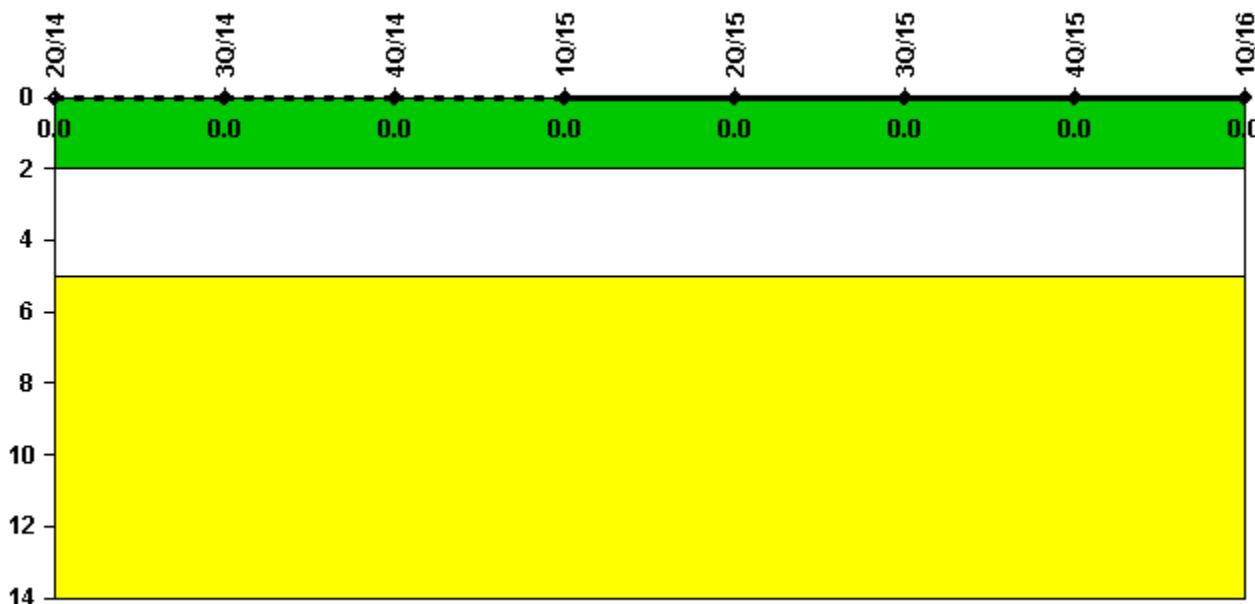
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
Successful siren-tests	1807	1876	1809	1807	1797	1804	1874	1807
Total sirens-tests	1809	1876	1809	1809	1797	1804	1876	1809
Indicator value	99.8%	99.8%	99.9%	99.9%	100.0%	100.0%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



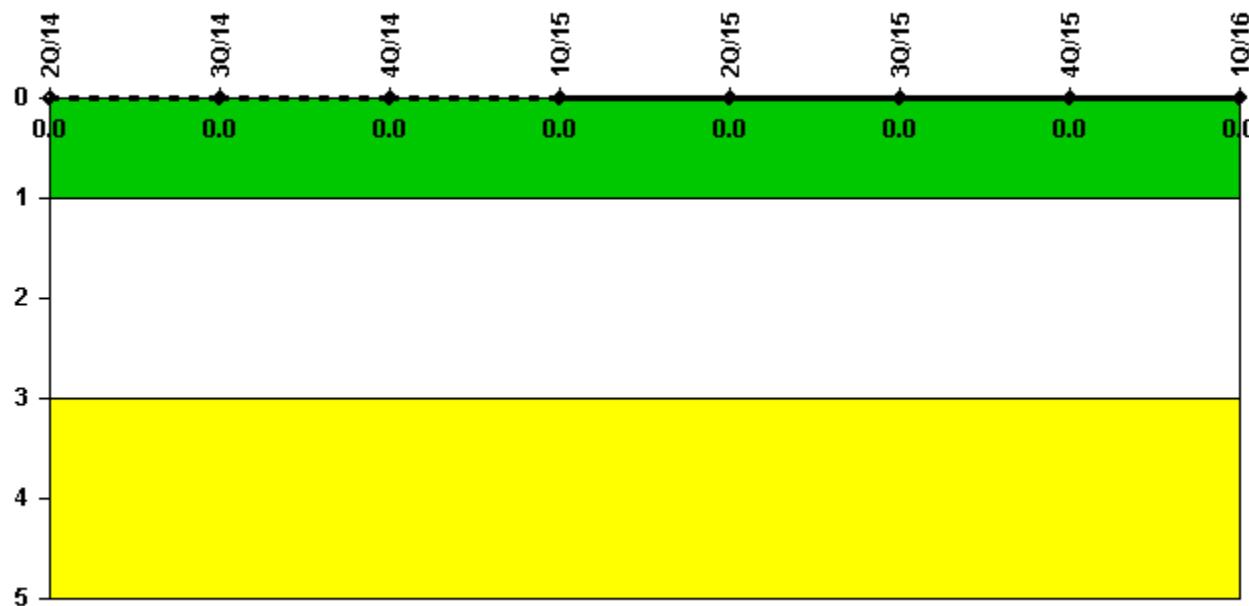
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	2Q/14	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 23, 2016

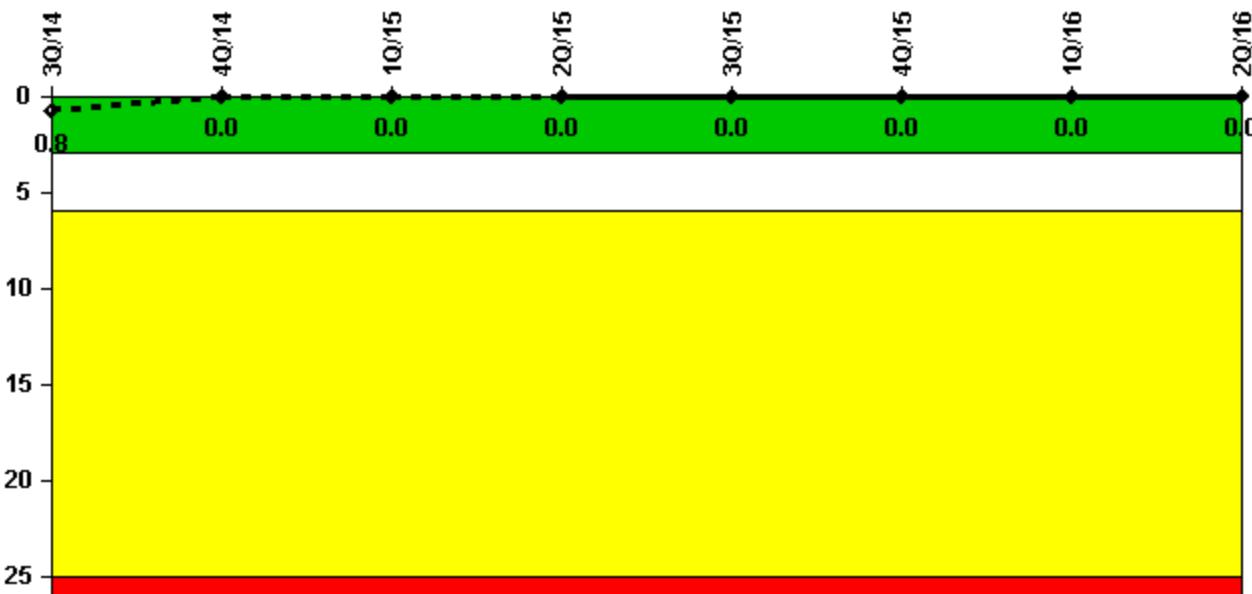
McGuire 1

2Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire Unit 1 2016Q2 PI Data

Unplanned Scrams per 7000 Critical Hrs



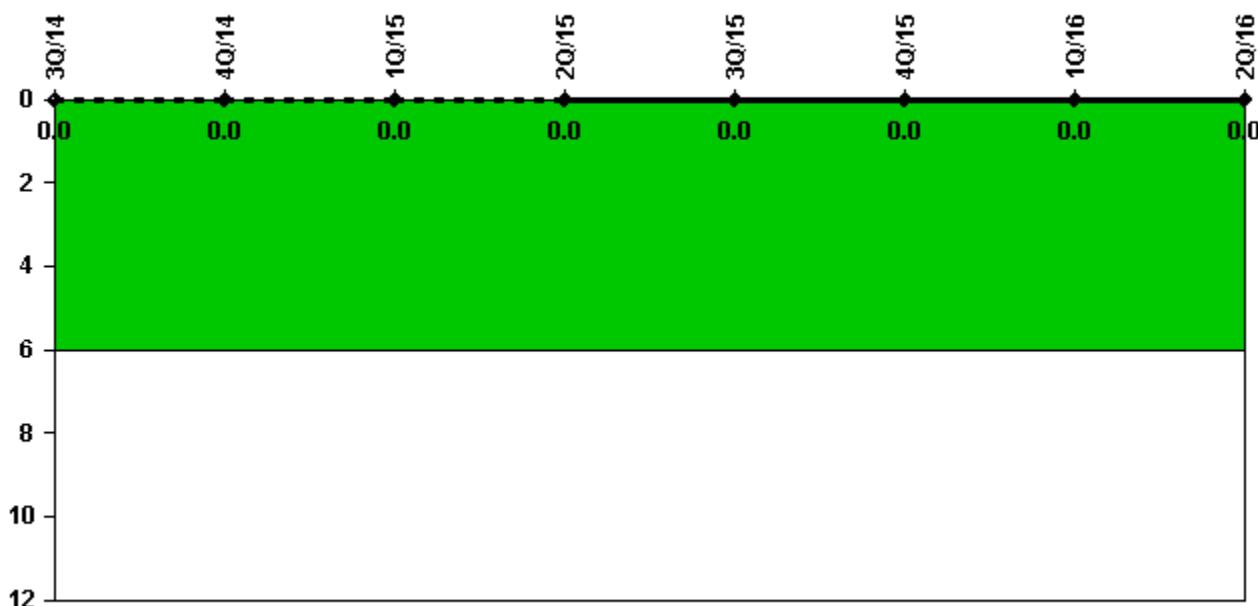
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1780.2	1136.3	2014.7	2184.0	2208.0	2209.0	1875.2	1810.6
Indicator value	0.8	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

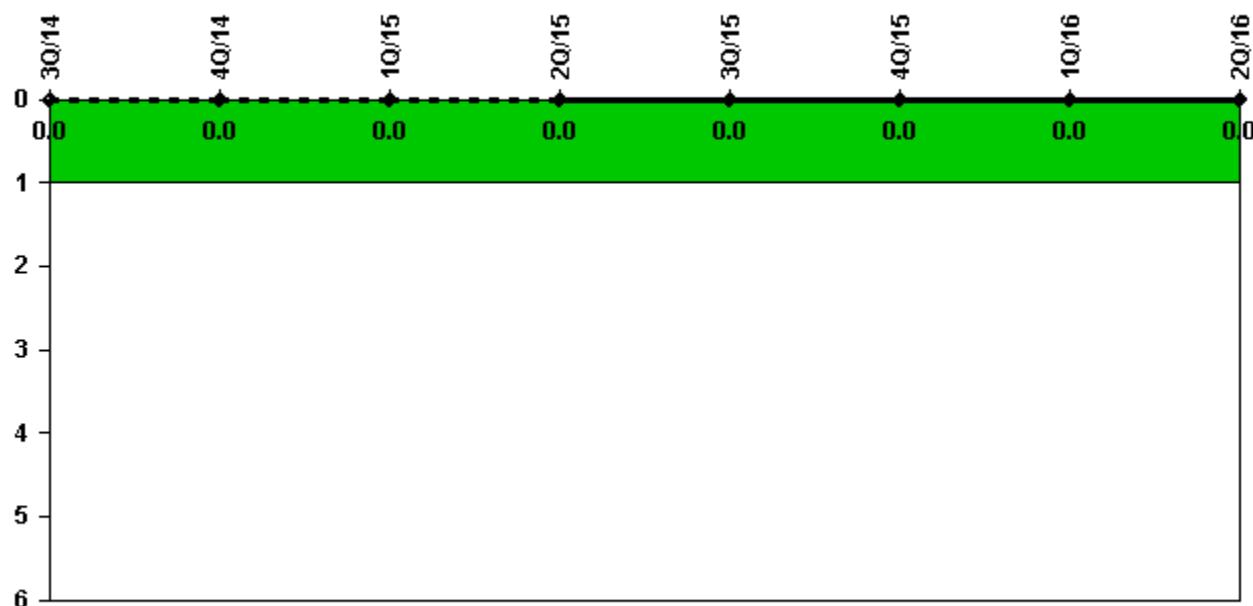
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1780.2	1136.3	2014.7	2184.0	2208.0	2209.0	1875.2	1810.6
Indicator value	0							

Licensee Comments:

3Q/14: A NOED was granted for MNS U1 on 8/21/2014, which if NOT granted would have resulted in an unplanned power change of greater than 20%.

Unplanned Scrams with Complications



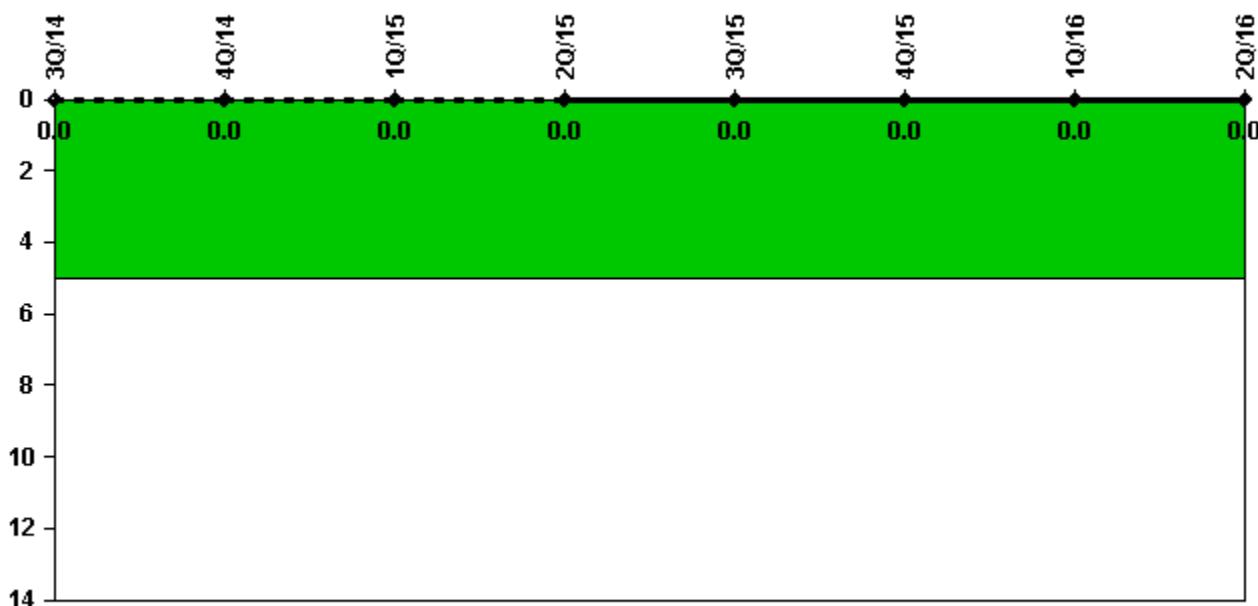
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



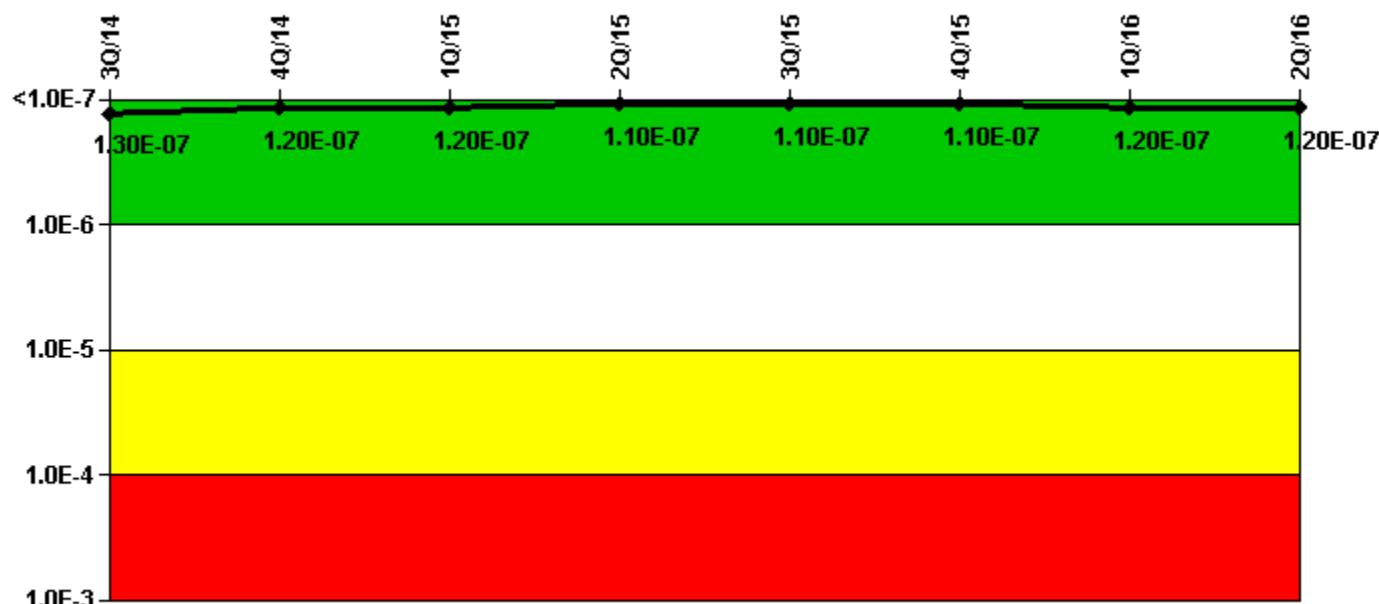
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



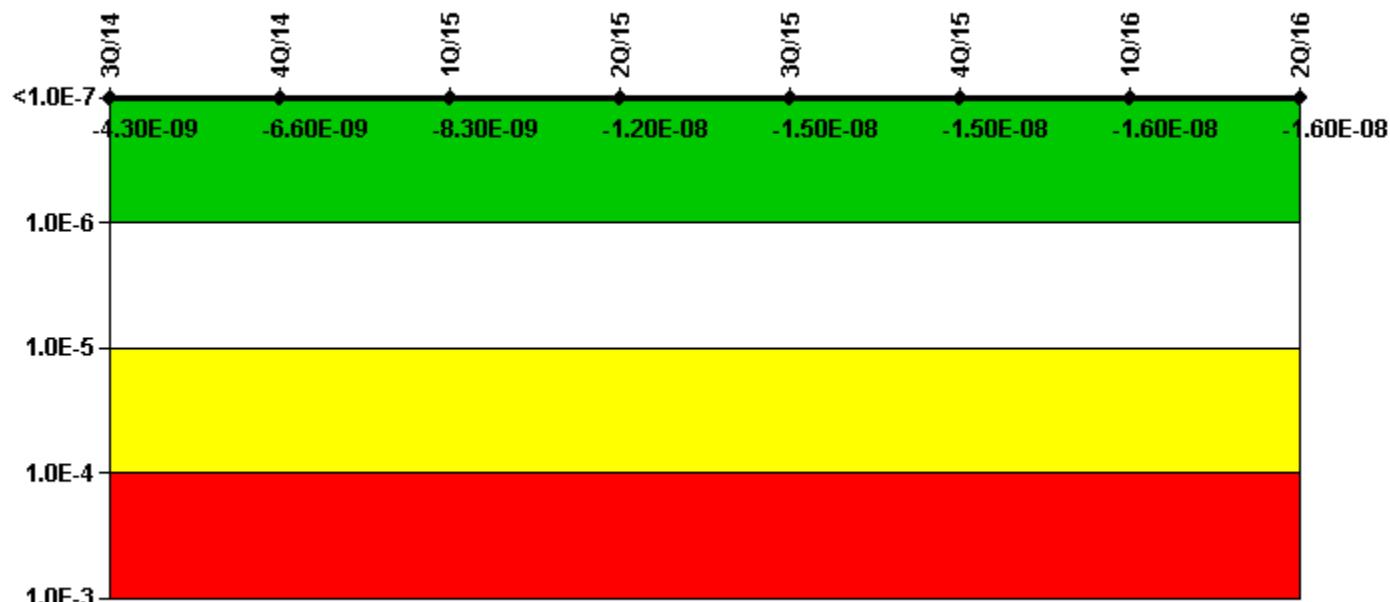
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	3.88E-08	3.03E-08	2.19E-08	1.43E-08	1.54E-08	1.54E-08	2.13E-08	2.54E-08
URI (Δ CDF)	9.47E-08							
PLE	NO							
Indicator value	1.30E-07	1.20E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



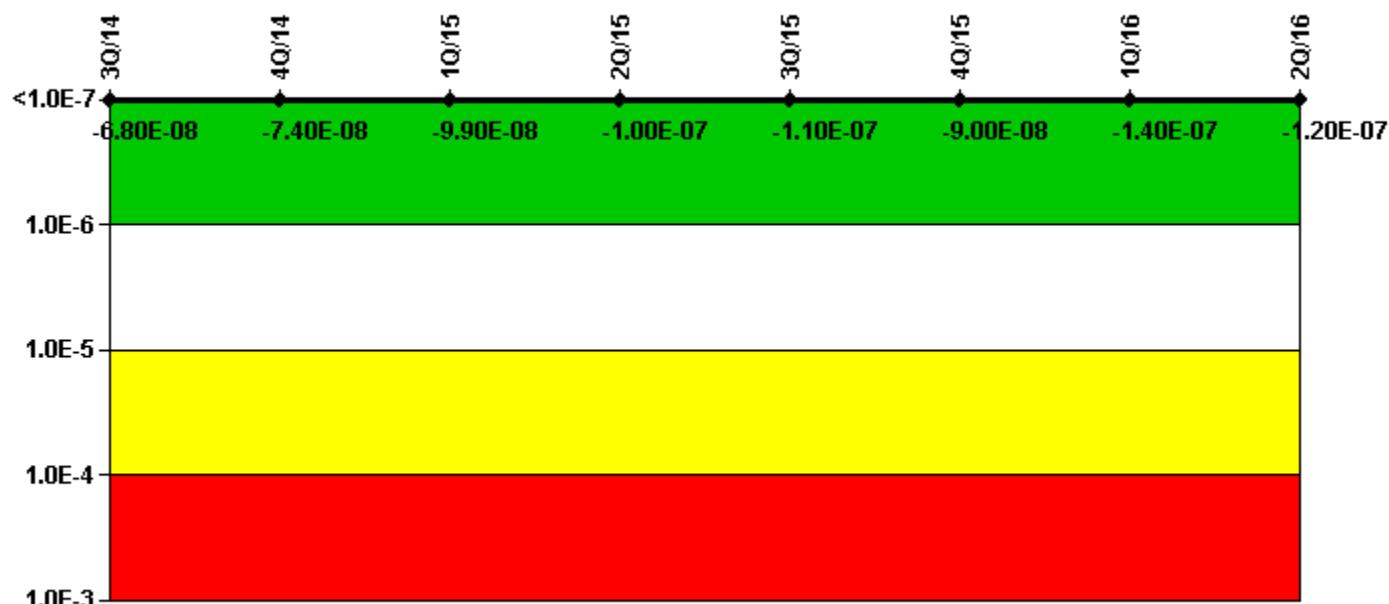
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	7.30E-09	4.98E-09	3.22E-09	-6.86E-10	-3.56E-09	-3.16E-09	-4.38E-09	-4.05E-09
URI (Δ CDF)	-1.16E-08							
PLE	NO							
Indicator value	-4.30E-09	-6.60E-09	-8.30E-09	-1.20E-08	-1.50E-08	-1.50E-08	-1.60E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



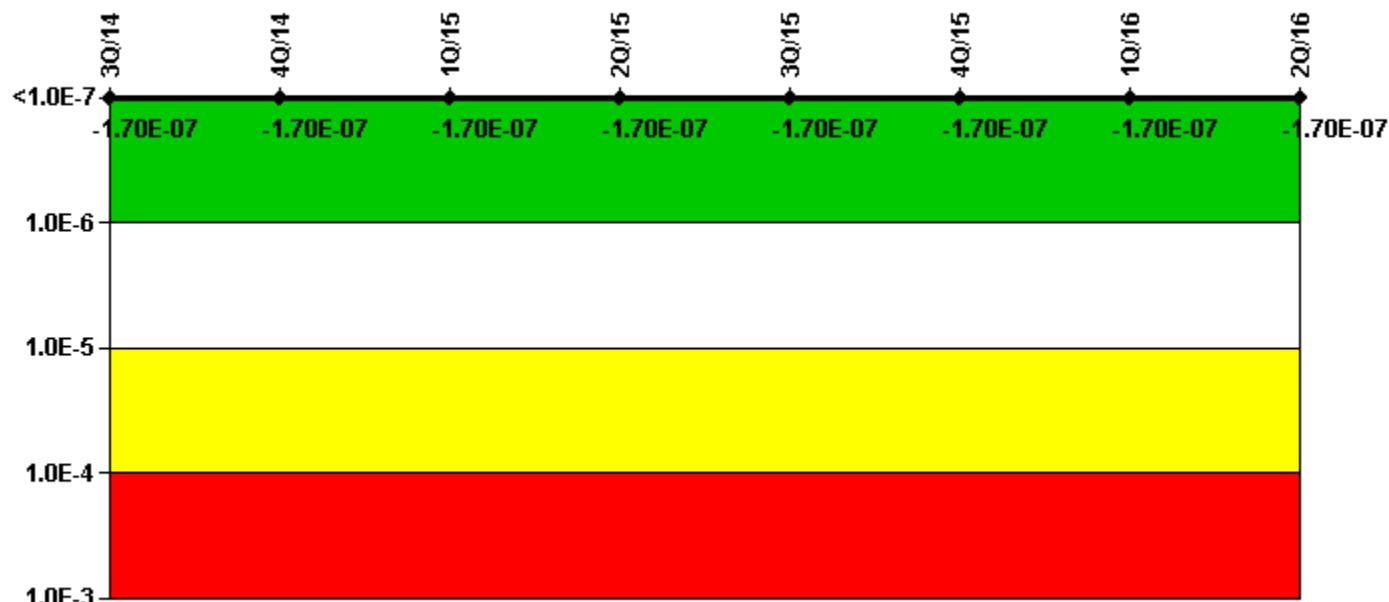
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	7.14E-08	6.51E-08	4.04E-08	3.61E-08	2.89E-08	4.94E-08	2.03E-09	1.63E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-6.80E-08	-7.40E-08	-9.90E-08	-1.00E-07	-1.10E-07	-9.00E-08	-1.40E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



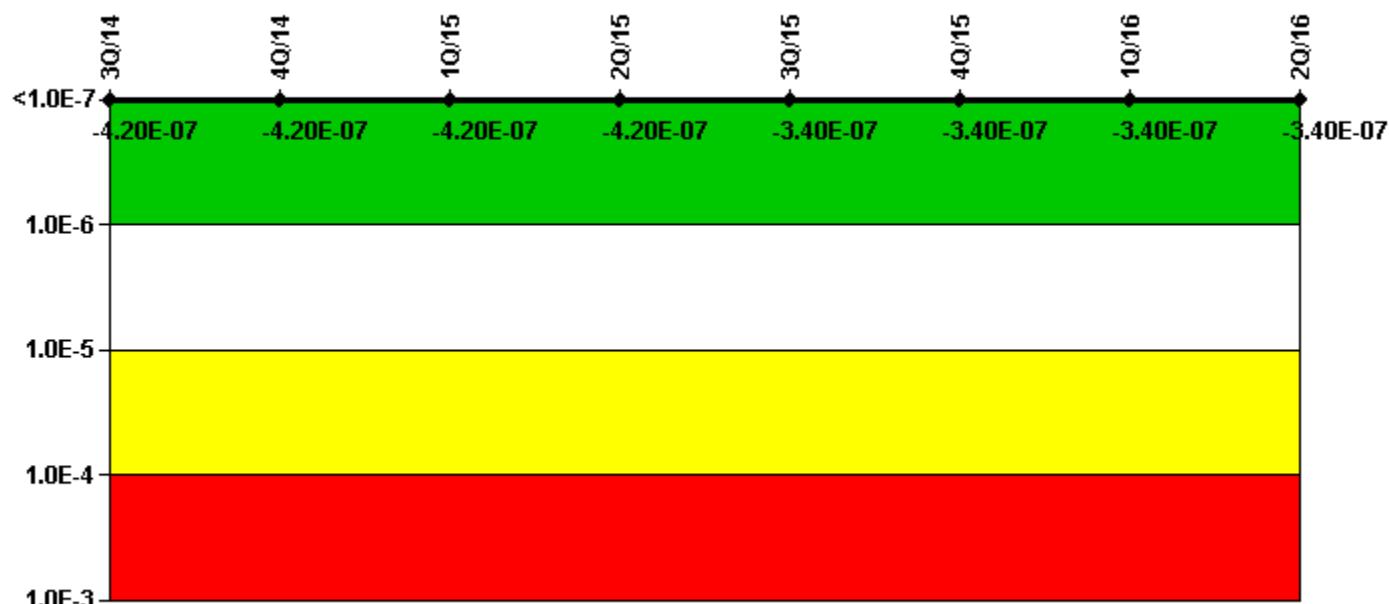
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	-3.28E-08							
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.70E-07							

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



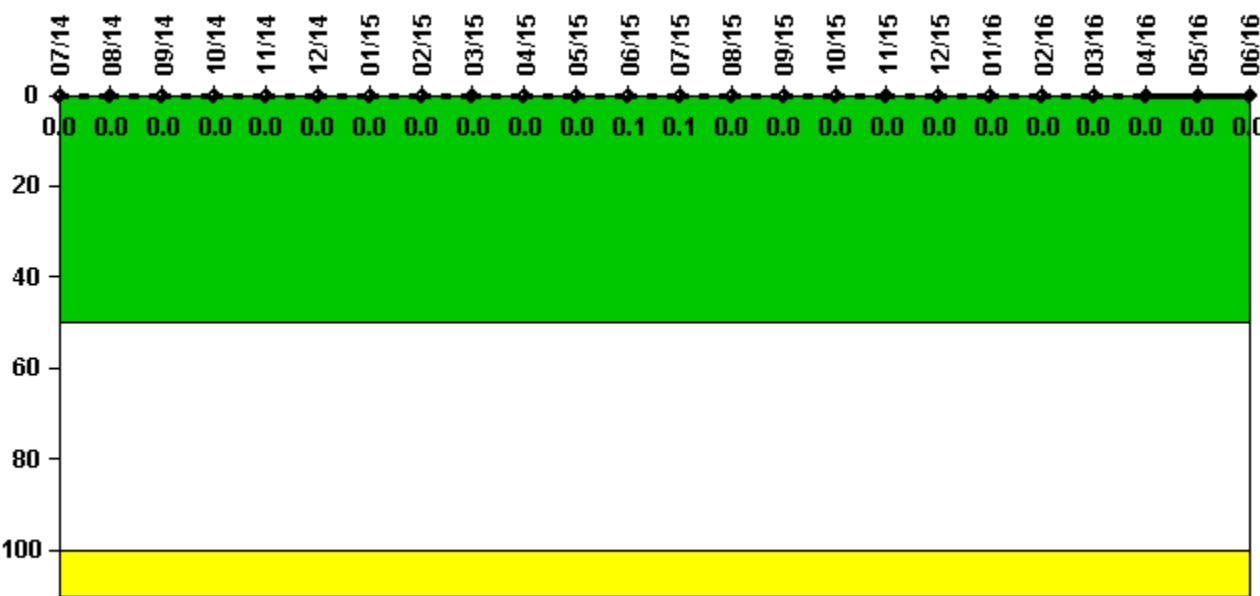
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
UAI (Δ CDF)	3.69E-10	2.89E-10	5.11E-10	6.37E-11	7.85E-08	7.82E-08	7.77E-08	7.71E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-4.20E-07	-4.20E-07	-4.20E-07	-4.20E-07	-3.40E-07	-3.40E-07	-3.40E-07	-3.40E-07

Licensee Comments: none

Reactor Coolant System Activity



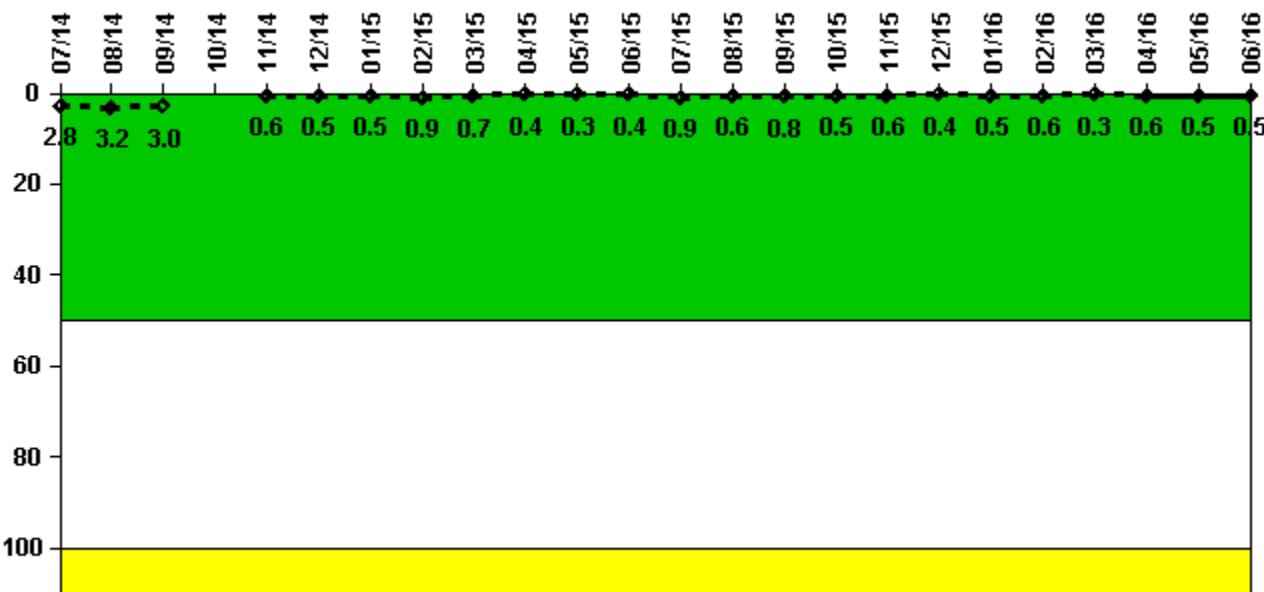
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum activity	0.000196	0.000193	0.000194	0	0.000098	0.000100	0.000116	0.000103	0.000174	0.000331	0.000127	0.000944
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0.1
Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000824	0.000143	0.000146	0.000132	0.000162	0.000163	0.000167	0.000172	0.000158	0.000074	0.000108	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



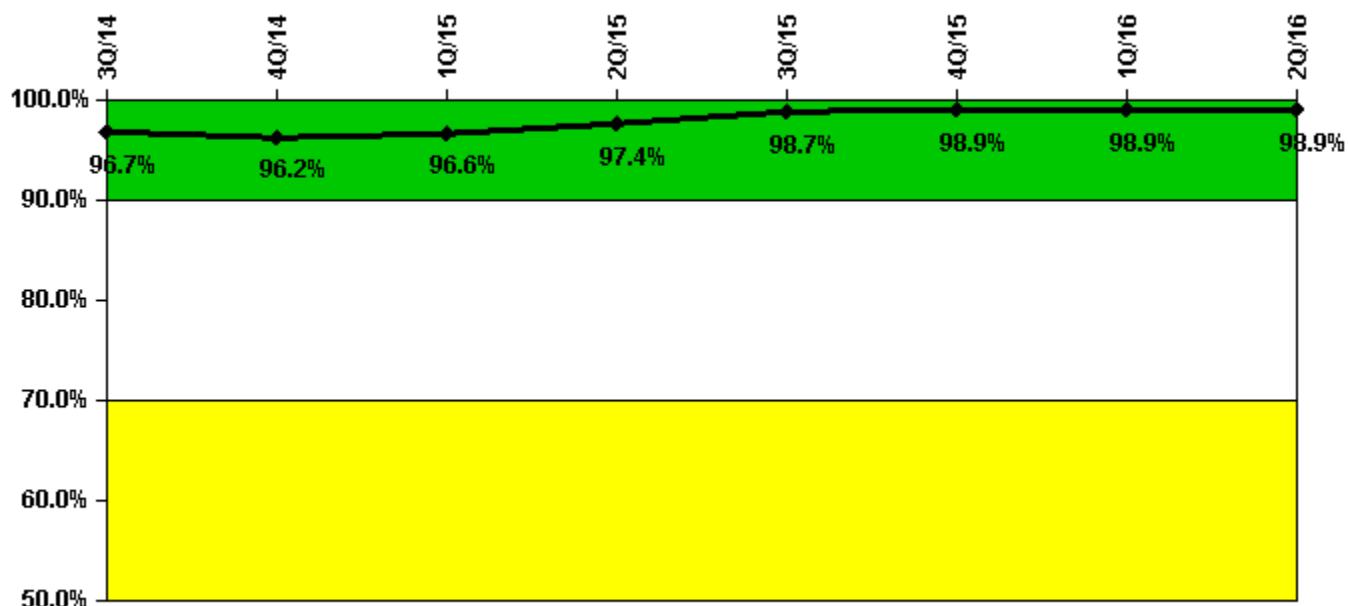
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	7/14	8/14	9/14	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15
Maximum leakage	0.278	0.317	0.304	N/A	0.058	0.049	0.048	0.093	0.071	0.044	0.034	0.040
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	2.8	3.2	3.0	N/A	0.6	0.5	0.5	0.9	0.7	0.4	0.3	0.4
Reactor Coolant System Leakage	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum leakage	0.087	0.058	0.084	0.051	0.059	0.036	0.051	0.057	0.025	0.055	0.047	0.052
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.9	0.6	0.8	0.5	0.6	0.4	0.5	0.6	0.3	0.6	0.5	0.5

Licensee Comments: none

Drill/Exercise Performance



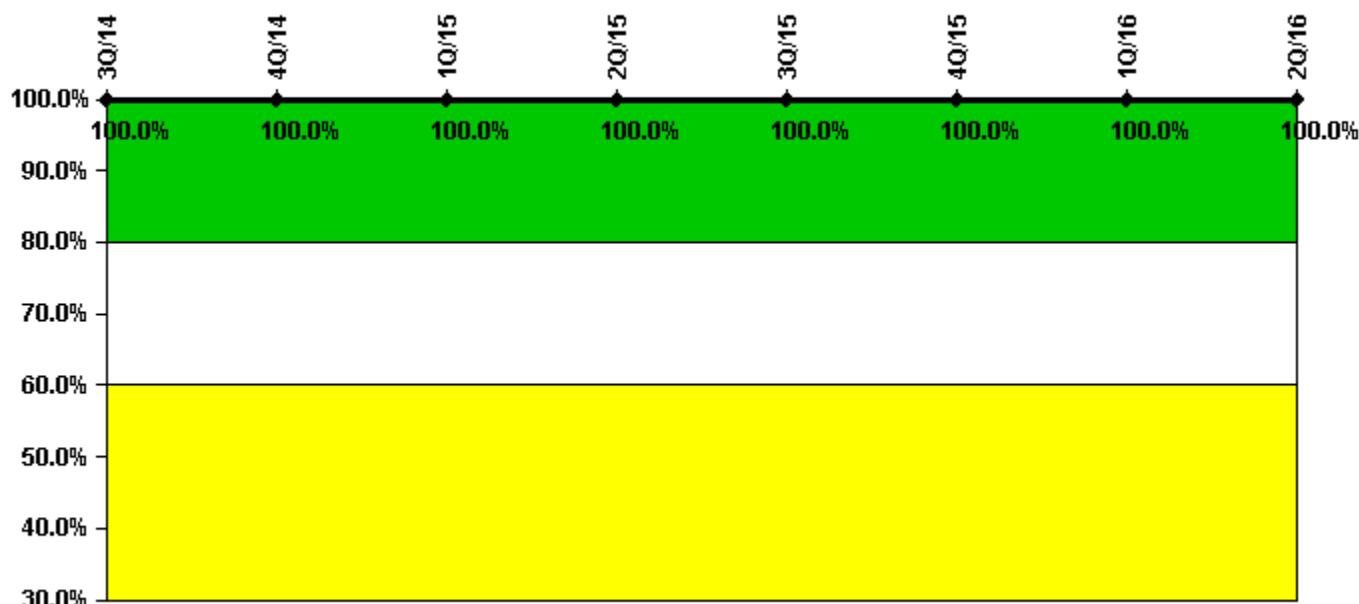
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful opportunities	49.0	12.0	41.0	36.0	44.0	34.0	21.0	39.0
Total opportunities	50.0	12.0	41.0	36.0	44.0	34.0	23.0	39.0
Indicator value	96.7%	96.2%	96.6%	97.4%	98.7%	98.9%	98.9%	98.9%

Licensee Comments: none

ERO Drill Participation



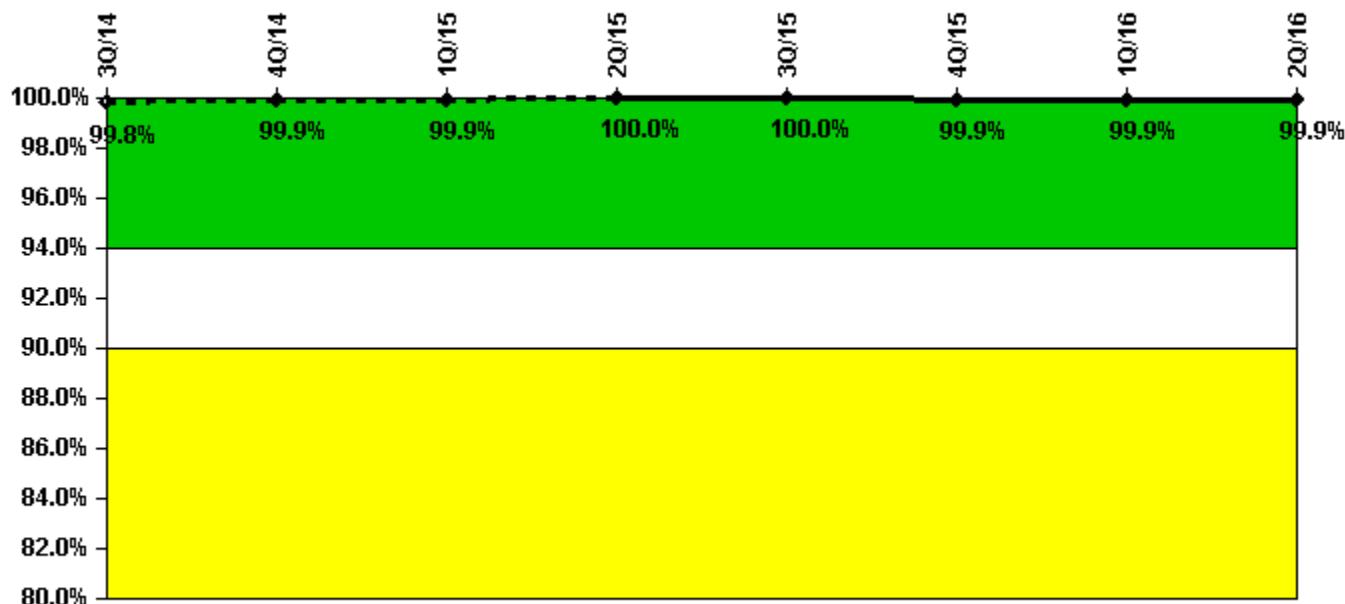
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Participating Key personnel	179.0	175.0	174.0	173.0	170.0	162.0	164.0	167.0
Total Key personnel	179.0	175.0	174.0	173.0	170.0	162.0	164.0	167.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



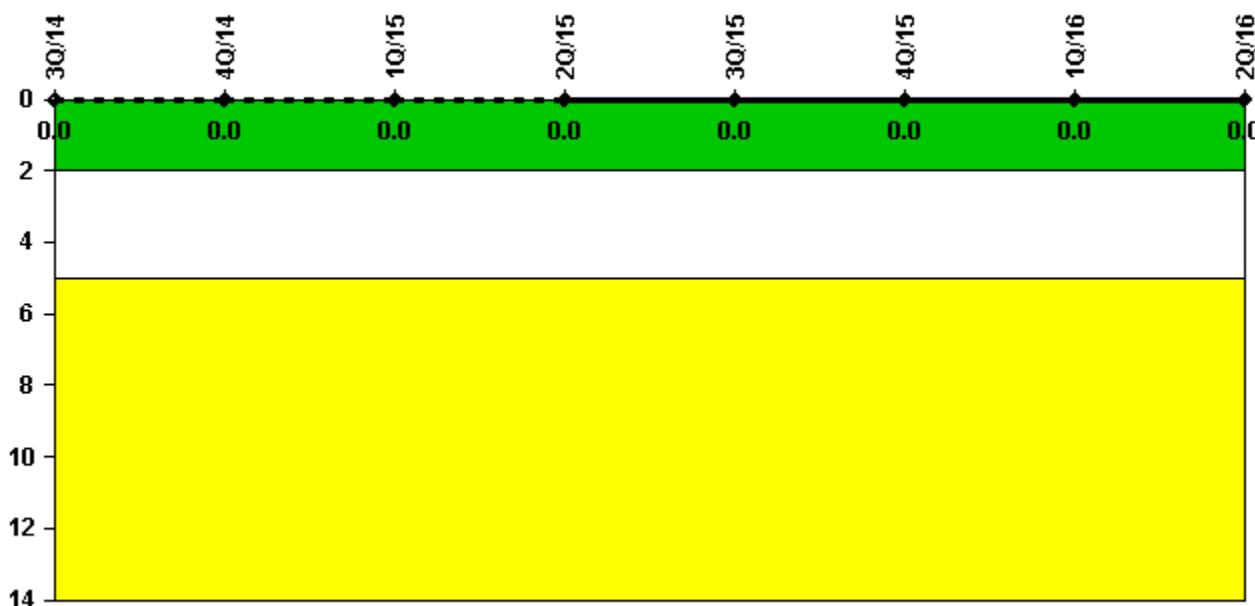
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
Successful siren-tests	1876	1809	1807	1797	1804	1874	1807	1806
Total sirens-tests	1876	1809	1809	1797	1804	1876	1809	1809
Indicator value	99.8%	99.9%	99.9%	100.0%	100.0%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



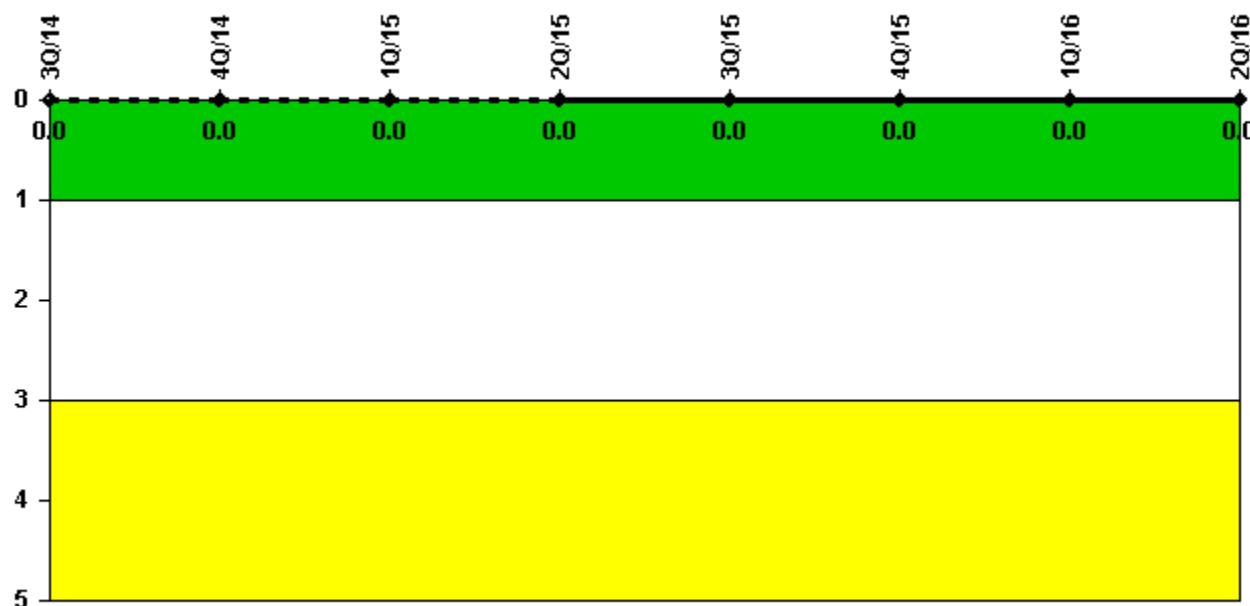
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	3Q/14	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: July 25, 2016

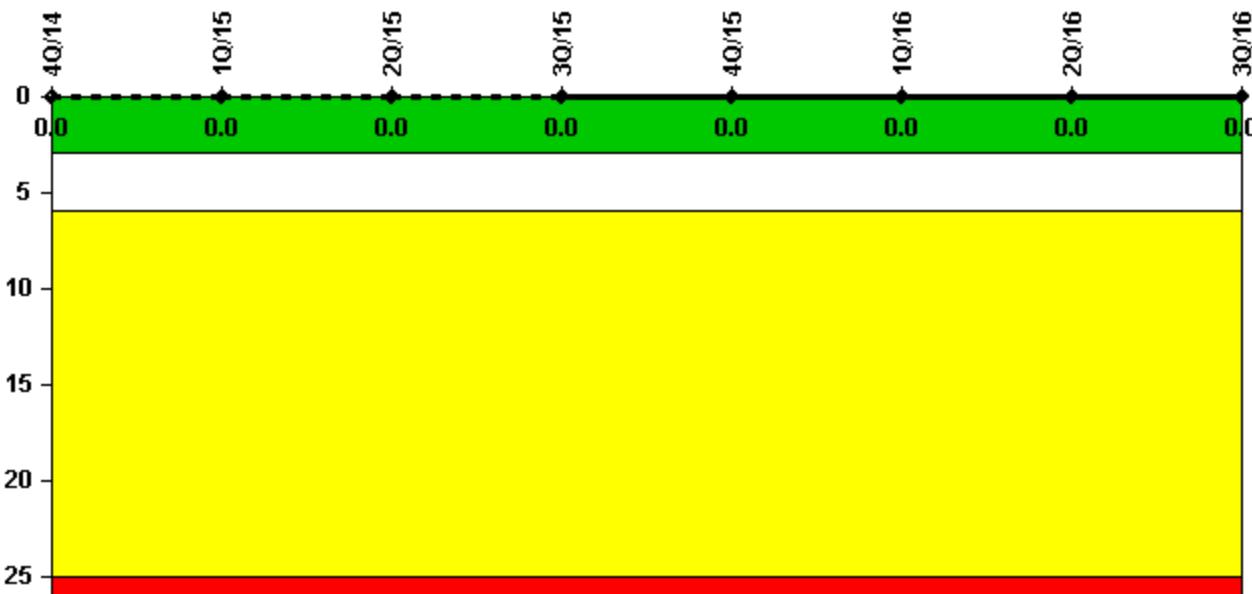
McGuire 1

3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire Unit 1 2016Q3 PI data

Unplanned Scrams per 7000 Critical Hrs



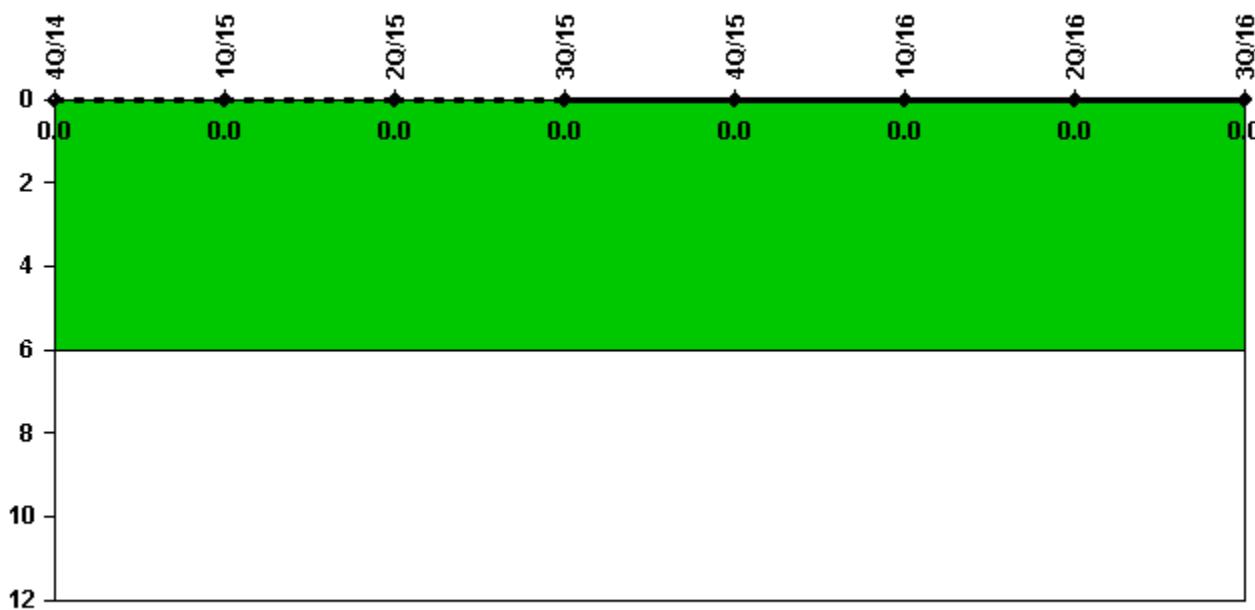
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1136.3	2014.7	2184.0	2208.0	2209.0	1875.2	1810.6	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



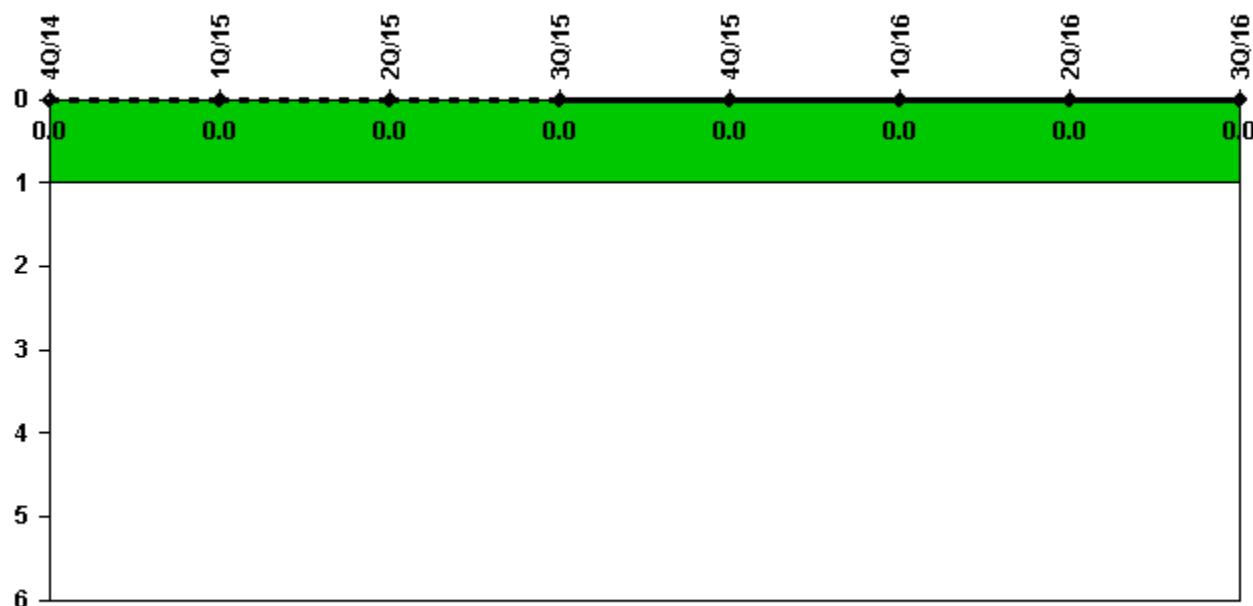
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1136.3	2014.7	2184.0	2208.0	2209.0	1875.2	1810.6	2208.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



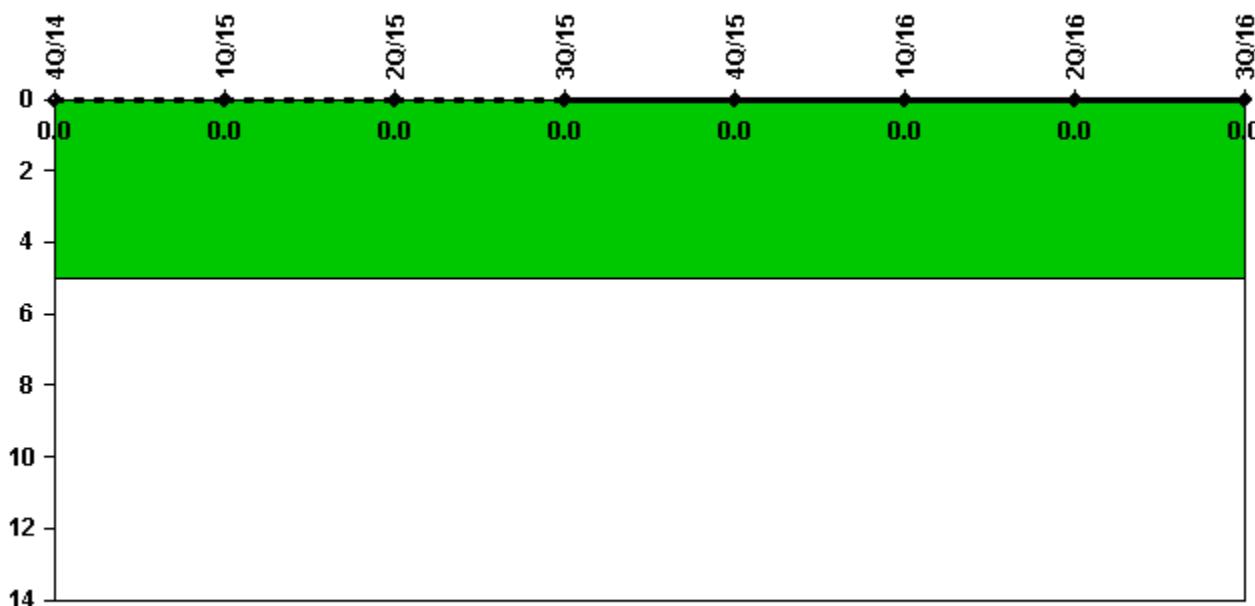
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



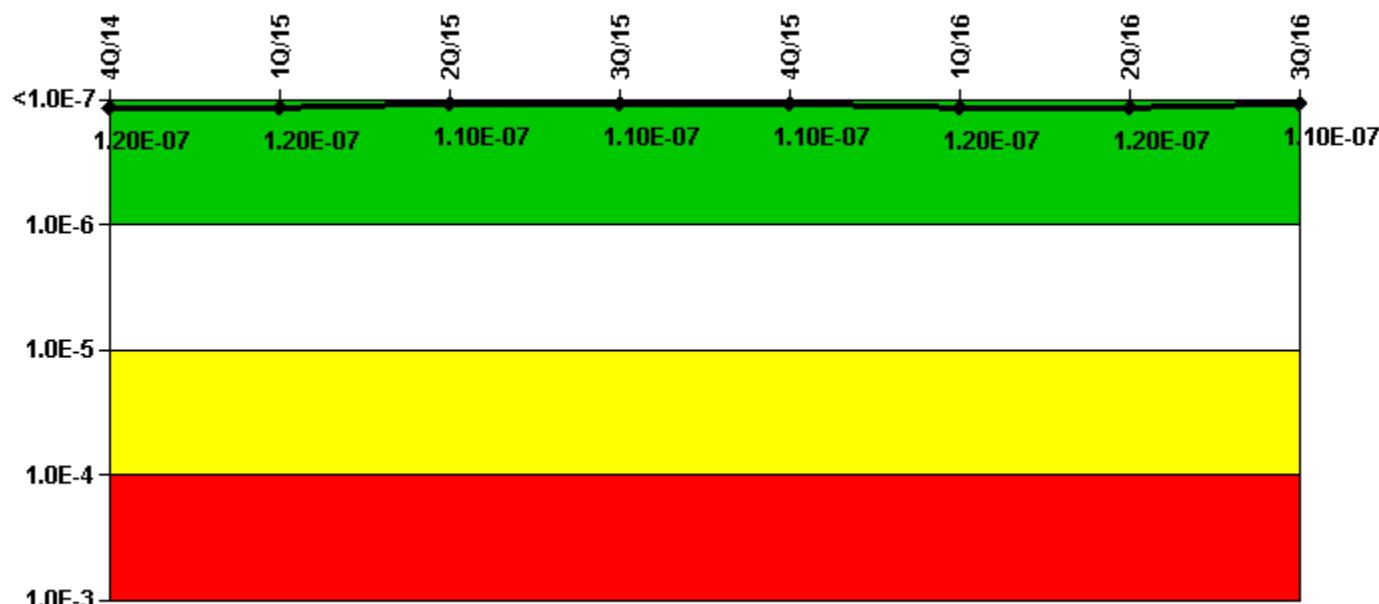
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



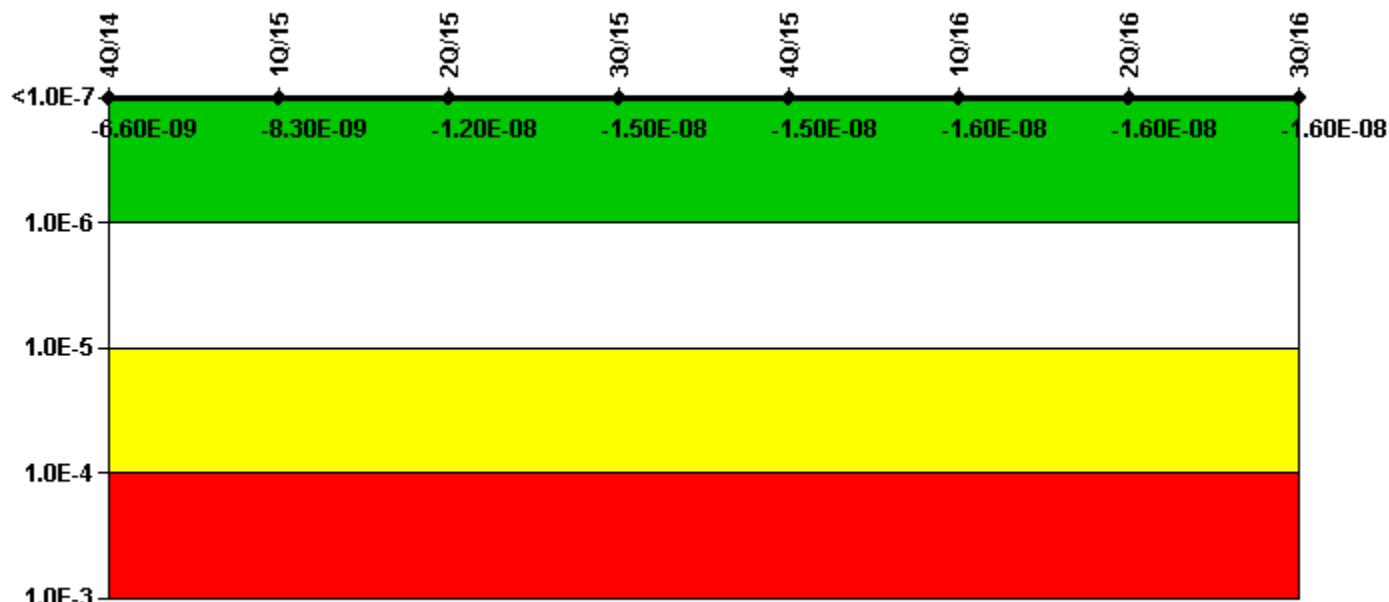
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	3.03E-08	2.19E-08	1.43E-08	1.54E-08	1.54E-08	2.13E-08	2.54E-08	1.87E-08
URI (Δ CDF)	9.47E-08							
PLE	NO							
Indicator value	1.20E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



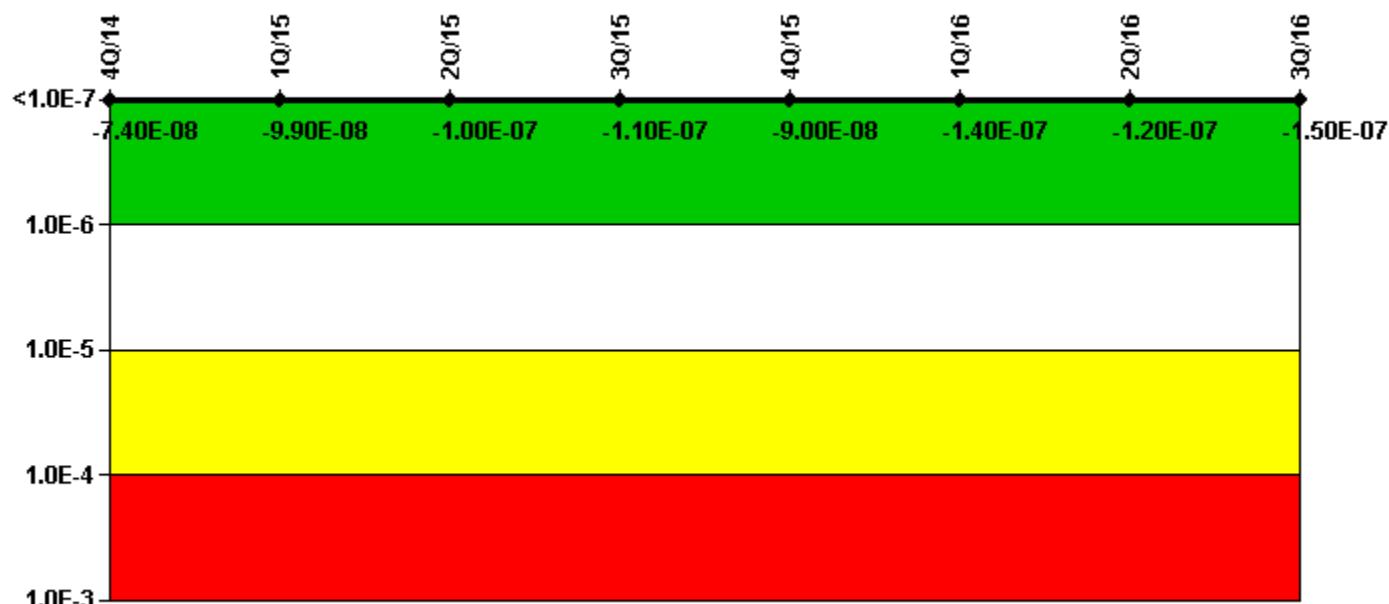
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	4.98E-09	3.22E-09	-6.86E-10	-3.56E-09	-3.16E-09	-4.38E-09	-4.05E-09	-4.52E-09
URI (Δ CDF)	-1.16E-08							
PLE	NO							
Indicator value	-6.60E-09	-8.30E-09	-1.20E-08	-1.50E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



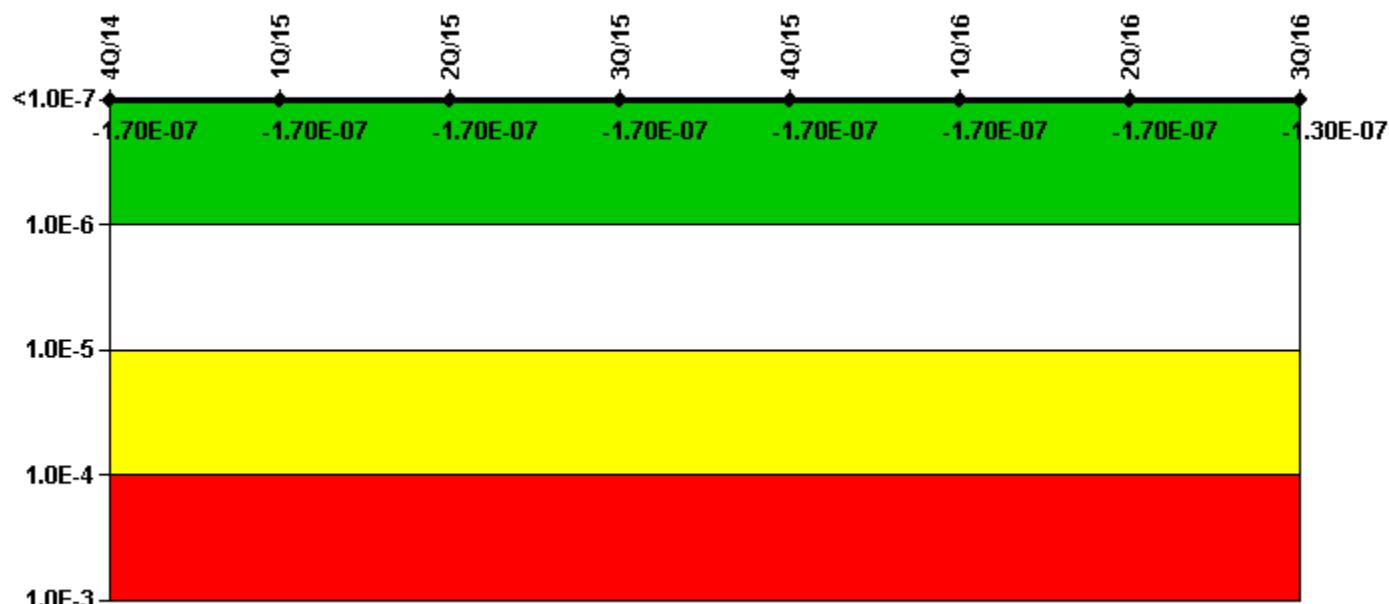
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	6.51E-08	4.04E-08	3.61E-08	2.89E-08	4.94E-08	2.03E-09	1.63E-08	-1.32E-08
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-7.40E-08	-9.90E-08	-1.00E-07	-1.10E-07	-9.00E-08	-1.40E-07	-1.20E-07	-1.50E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



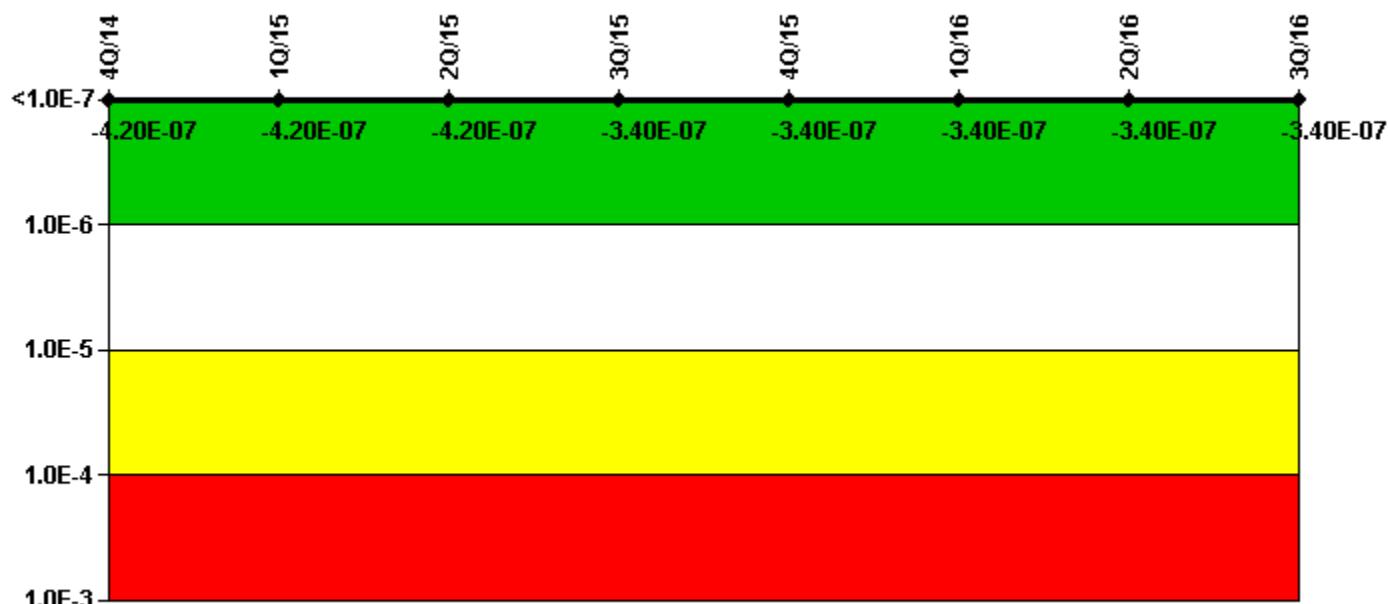
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	-3.28E-08	4.52E-09						
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.70E-07	-1.30E-07						

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



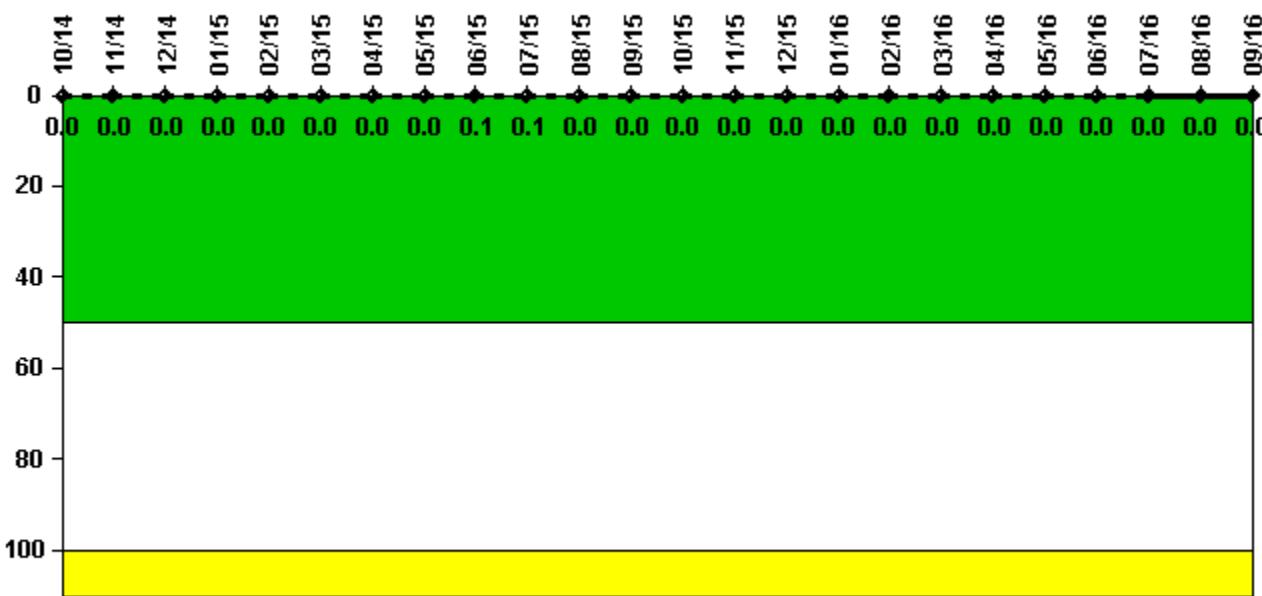
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (Δ CDF)	2.89E-10	5.11E-10	6.37E-11	7.85E-08	7.82E-08	7.77E-08	7.71E-08	7.90E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-4.20E-07	-4.20E-07	-4.20E-07	-3.40E-07	-3.40E-07	-3.40E-07	-3.40E-07	-3.40E-07

Licensee Comments: none

Reactor Coolant System Activity



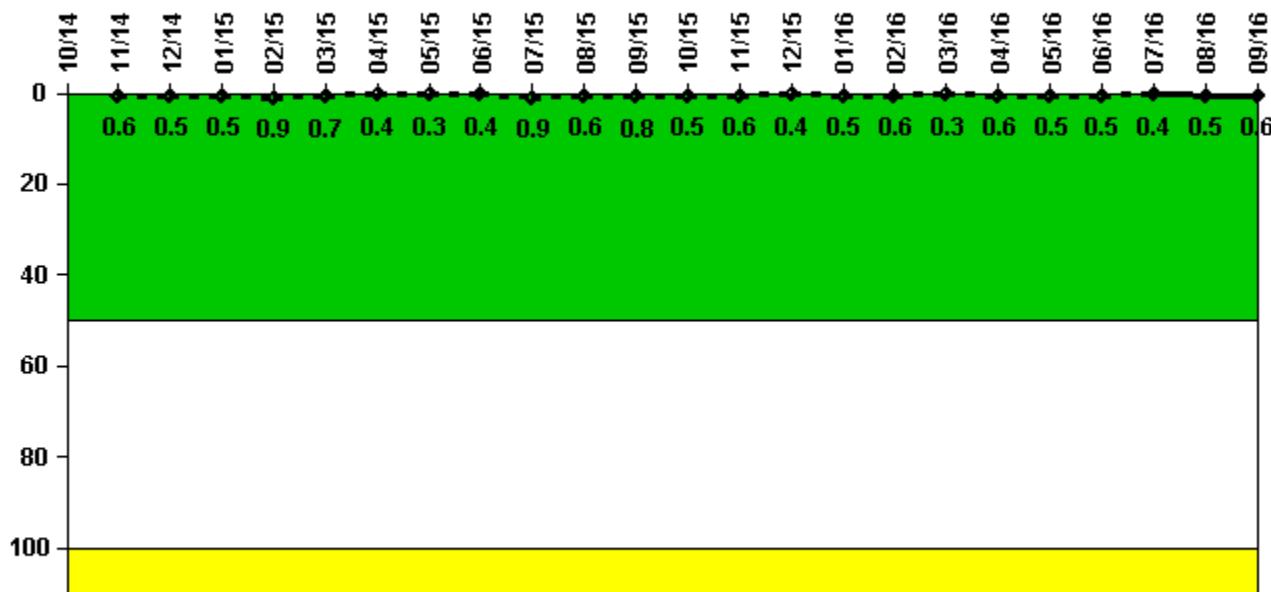
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0	0.000098	0.000100	0.000116	0.000103	0.000174	0.000331	0.000127	0.000944	0.000824	0.000143	0.000146
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0.1	0.1	0	0
Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000132	0.000162	0.000163	0.000167	0.000172	0.000158	0.000074	0.000108	0.000100	0.000125	0.000110	0.000117
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



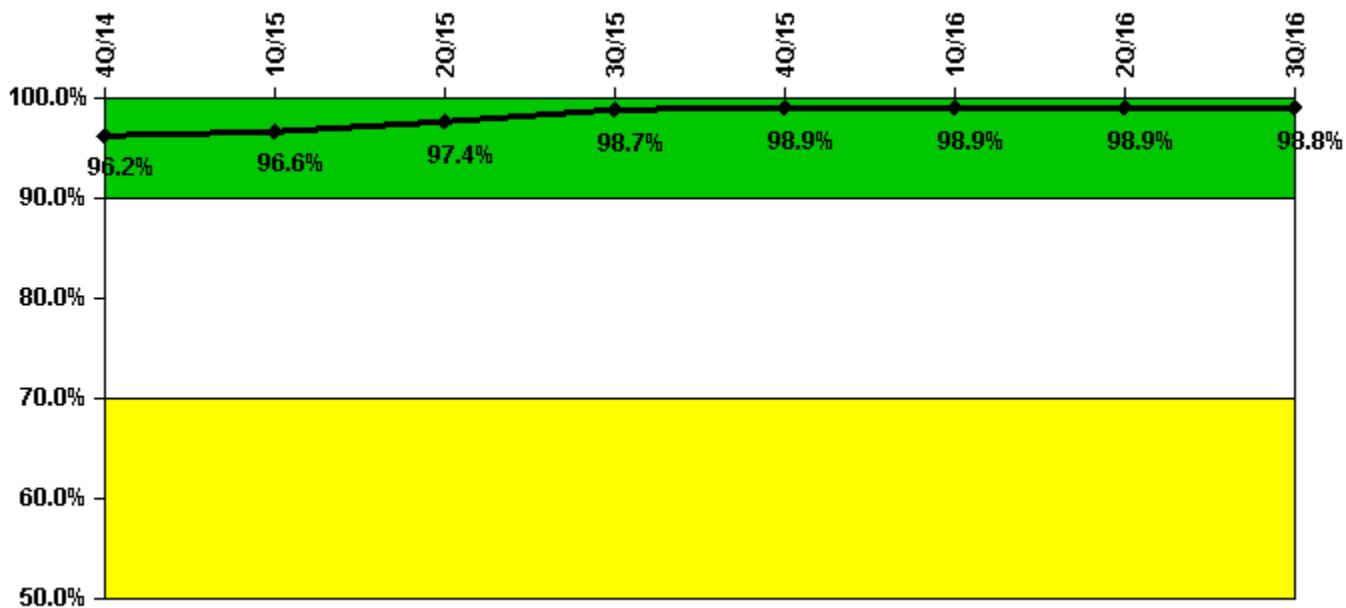
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	N/A	0.058	0.049	0.048	0.093	0.071	0.044	0.034	0.040	0.087	0.058	0.084
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	N/A	0.6	0.5	0.5	0.9	0.7	0.4	0.3	0.4	0.9	0.6	0.8
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.051	0.059	0.036	0.051	0.057	0.025	0.055	0.047	0.052	0.042	0.053	0.055
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.4	0.5	0.6	0.3	0.6	0.5	0.5	0.4	0.5	0.6

Licensee Comments: none

Drill/Exercise Performance



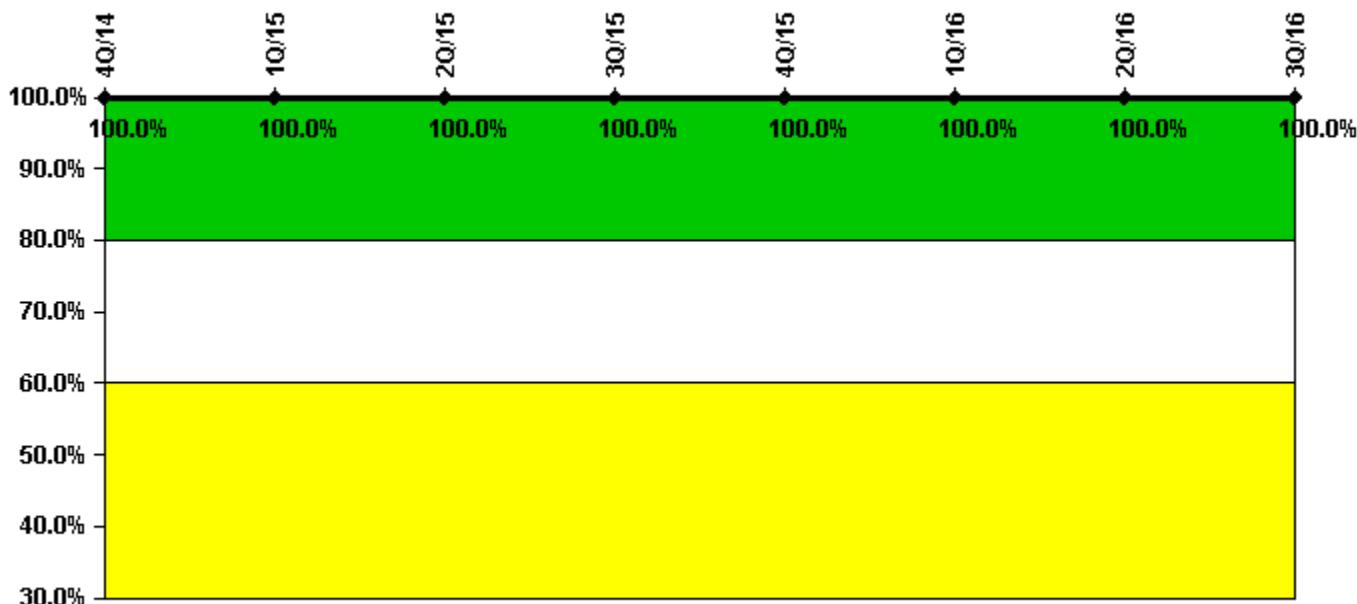
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	12.0	41.0	36.0	44.0	34.0	21.0	39.0	22.0
Total opportunities	12.0	41.0	36.0	44.0	34.0	23.0	39.0	23.0
Indicator value	96.2%	96.6%	97.4%	98.7%	98.9%	98.9%	98.9%	98.8%

Licensee Comments: none

ERO Drill Participation



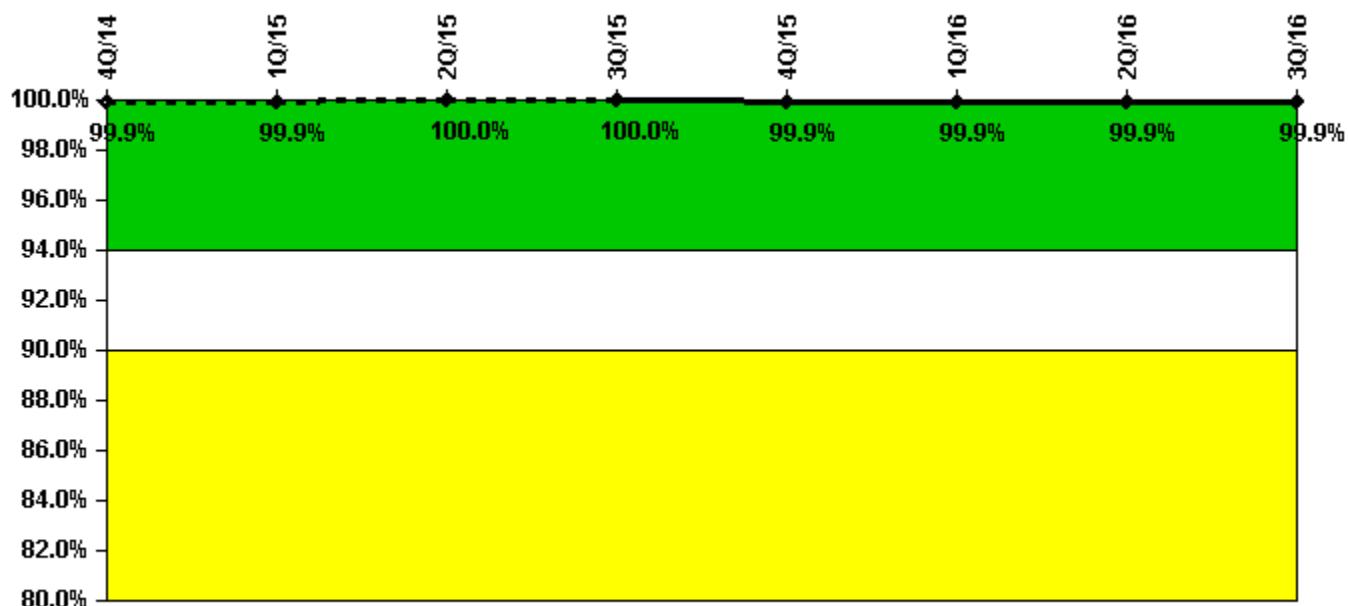
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	175.0	174.0	173.0	170.0	162.0	164.0	167.0	172.0
Total Key personnel	175.0	174.0	173.0	170.0	162.0	164.0	167.0	172.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



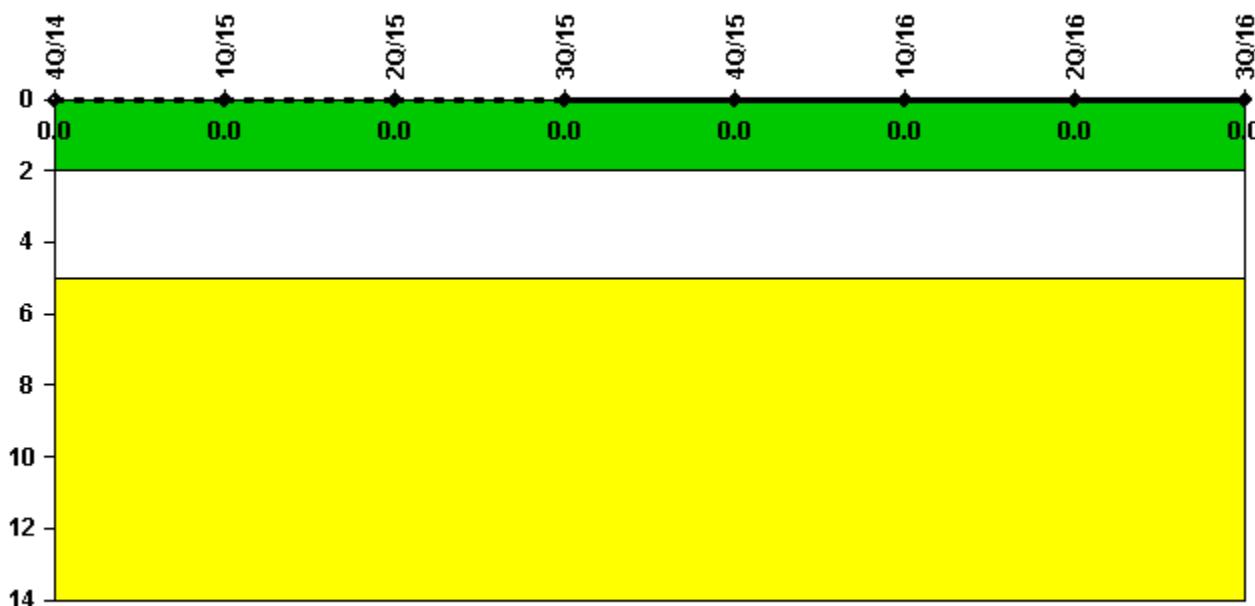
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	1809	1807	1797	1804	1874	1807	1806	1807
Total sirens-tests	1809	1809	1797	1804	1876	1809	1809	1809
Indicator value	99.9%	99.9%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



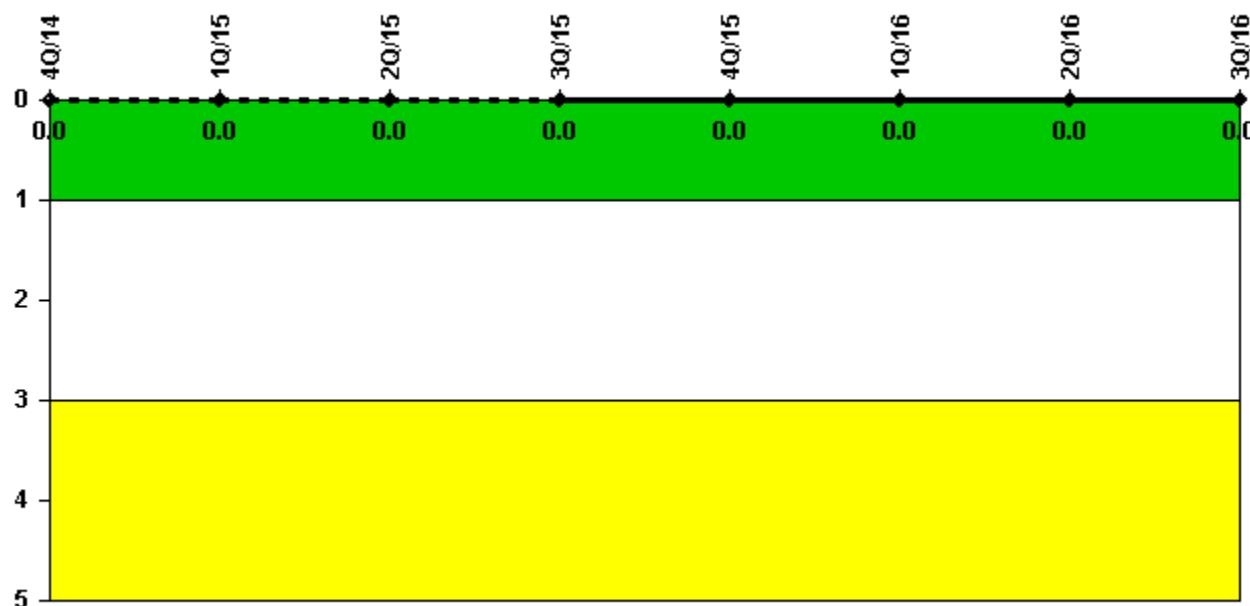
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

 [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: October 23, 2016

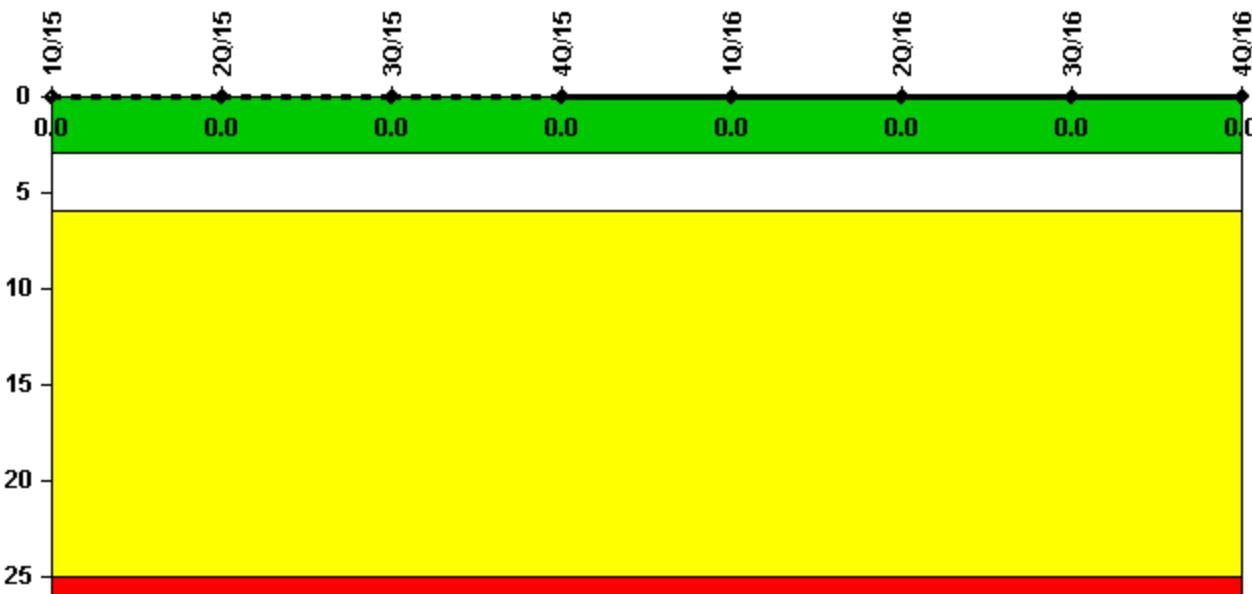
McGuire 1

4Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



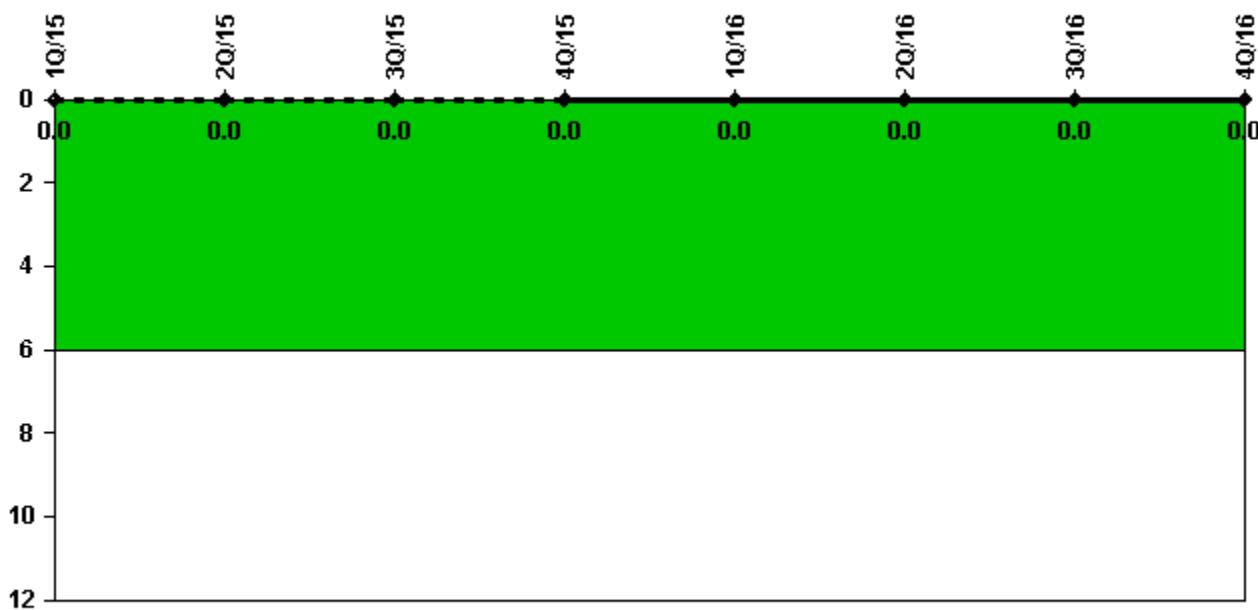
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2014.7	2184.0	2208.0	2209.0	1875.2	1810.6	2208.0	2209.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



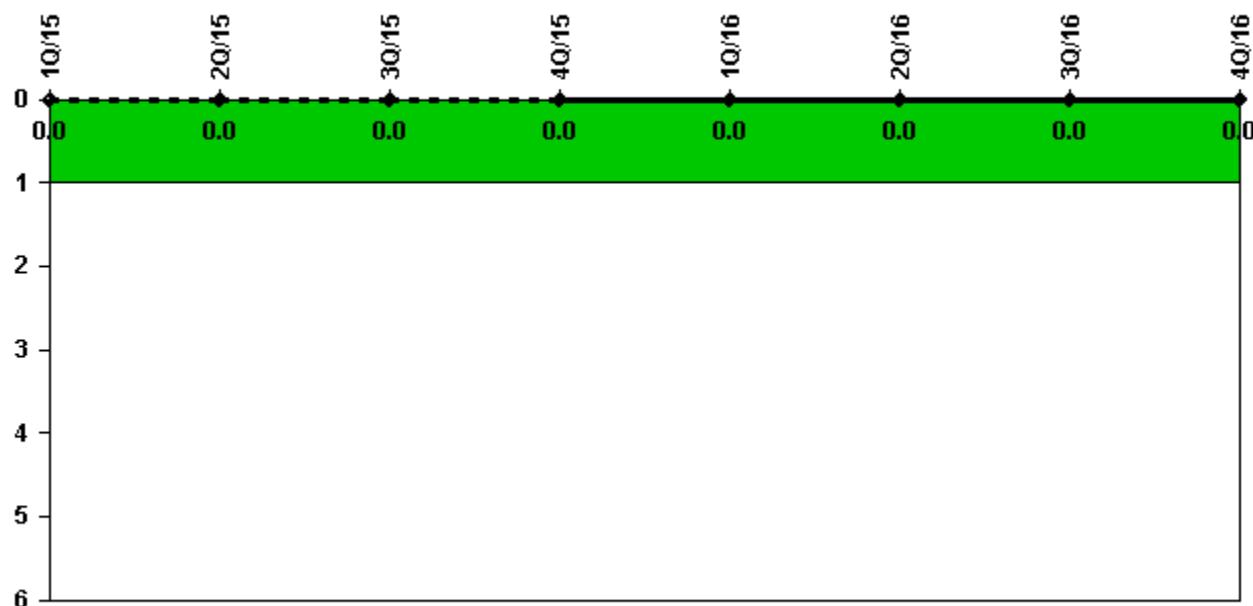
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2014.7	2184.0	2208.0	2209.0	1875.2	1810.6	2208.0	2209.0
Indicator value	0							

Licensee Comments: none

Unplanned Scrams with Complications



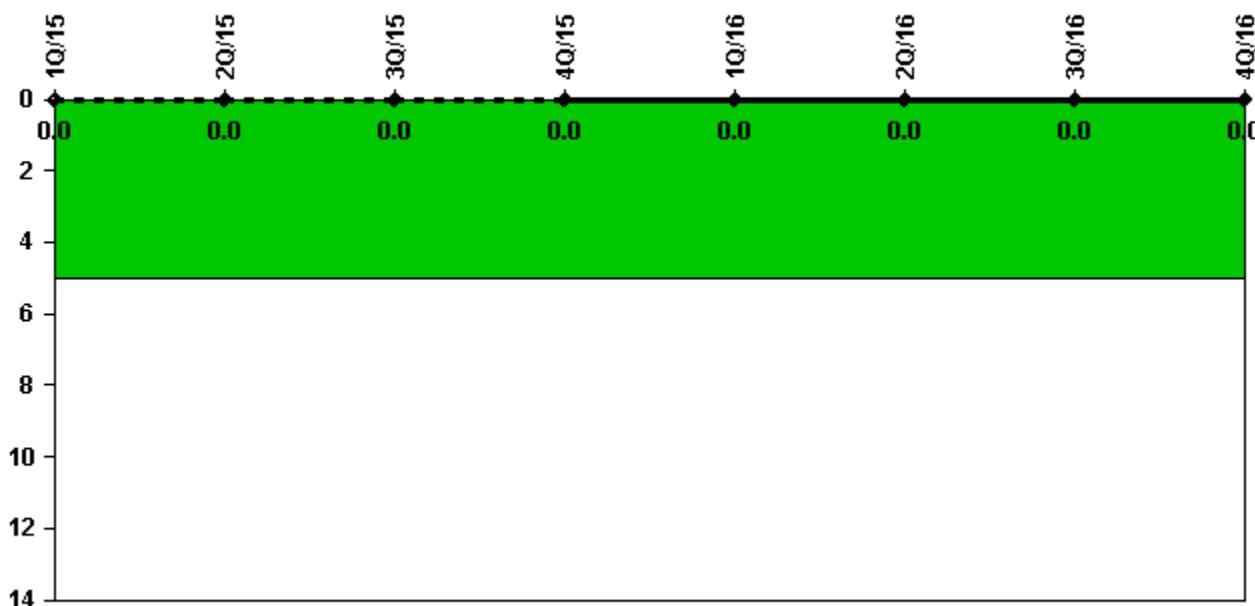
Thresholds: White > 1.0

Notes

Unplanned Scrams with Complications	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Scrams with complications	0	0	0	0	0	0	0	0
Indicator value	0.0							

Licensee Comments: none

Safety System Functional Failures (PWR)



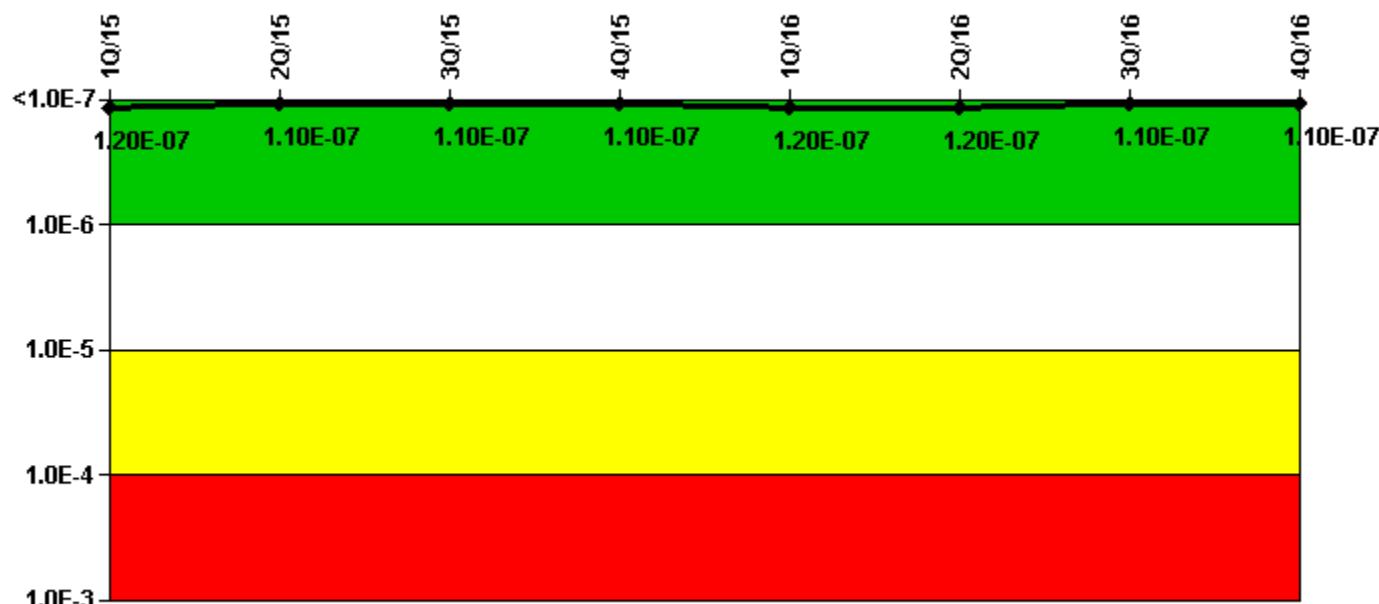
Thresholds: White > 5.0

Notes

Safety System Functional Failures (PWR)	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Safety System Functional Failures	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



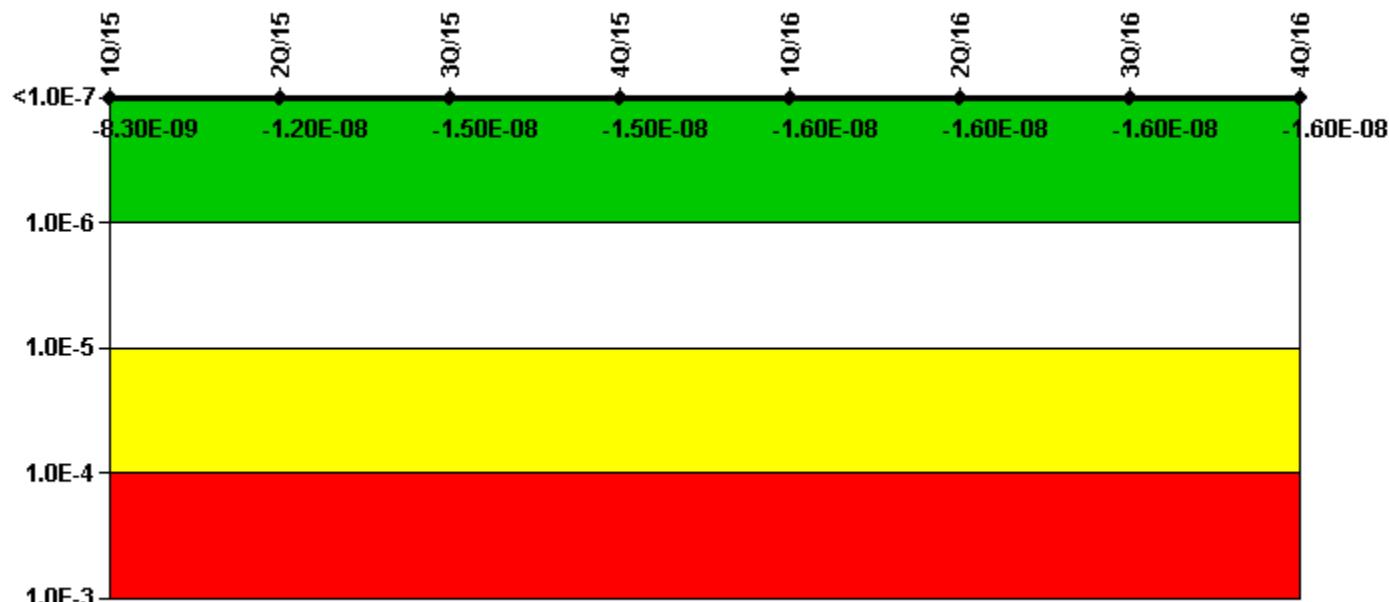
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Emergency AC Power System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	2.19E-08	1.43E-08	1.54E-08	1.54E-08	2.13E-08	2.54E-08	1.87E-08	1.24E-08
URI (Δ CDF)	9.47E-08							
PLE	NO							
Indicator value	1.20E-07	1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.10E-07	1.10E-07

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



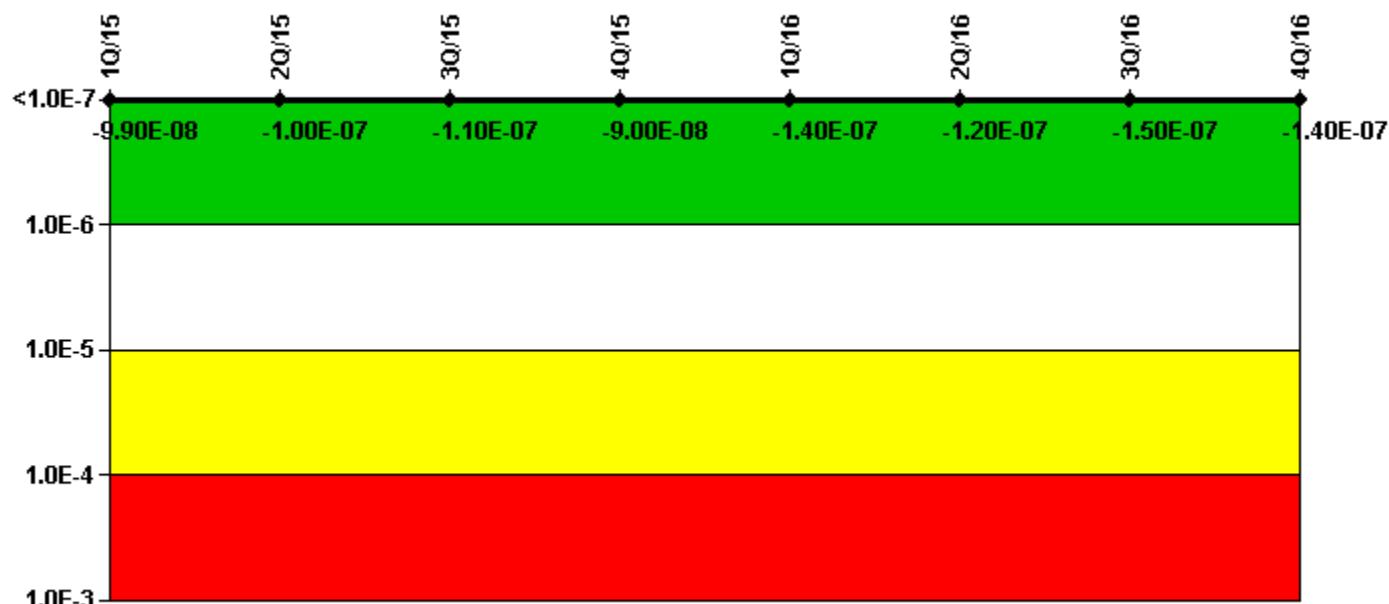
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, High Pressure Injection System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	3.22E-09	-6.86E-10	-3.56E-09	-3.16E-09	-4.38E-09	-4.05E-09	-4.52E-09	-4.46E-09
URI (Δ CDF)		-1.16E-08						
PLE	NO							
Indicator value	-8.30E-09	-1.20E-08	-1.50E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



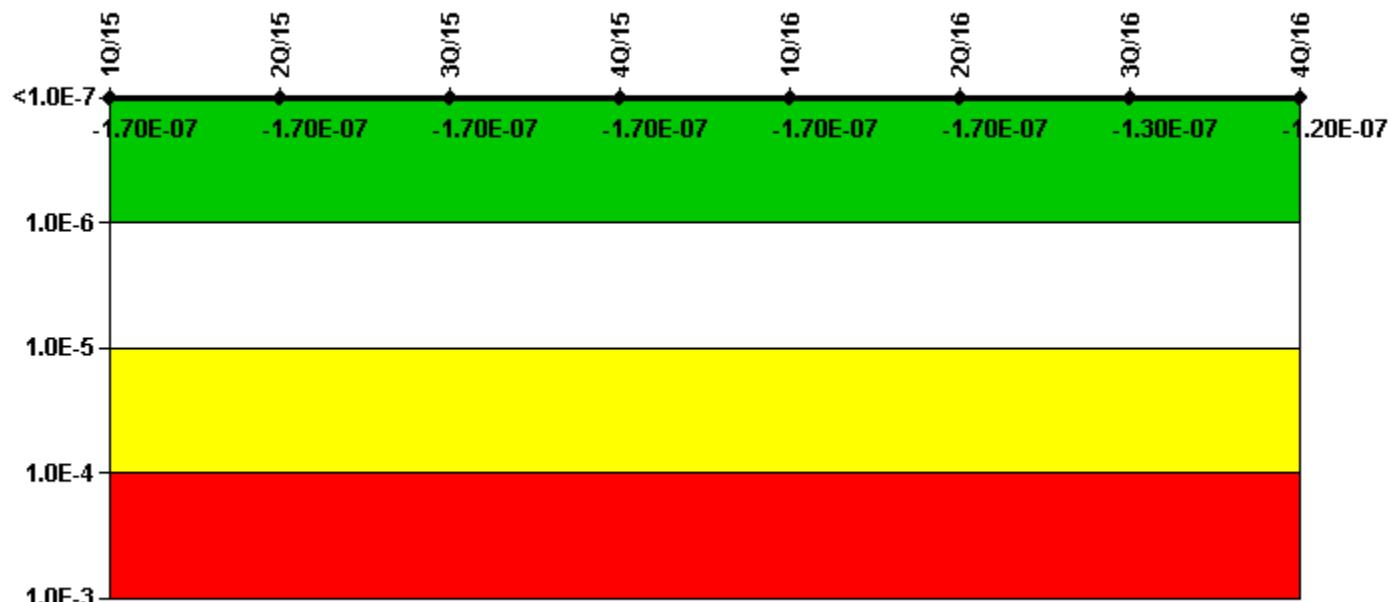
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	4.04E-08	3.61E-08	2.89E-08	4.94E-08	2.03E-09	1.63E-08	-1.32E-08	-1.54E-11
URI (Δ CDF)	-1.39E-07							
PLE	NO							
Indicator value	-9.90E-08	-1.00E-07	-1.10E-07	-9.00E-08	-1.40E-07	-1.20E-07	-1.50E-07	-1.40E-07

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



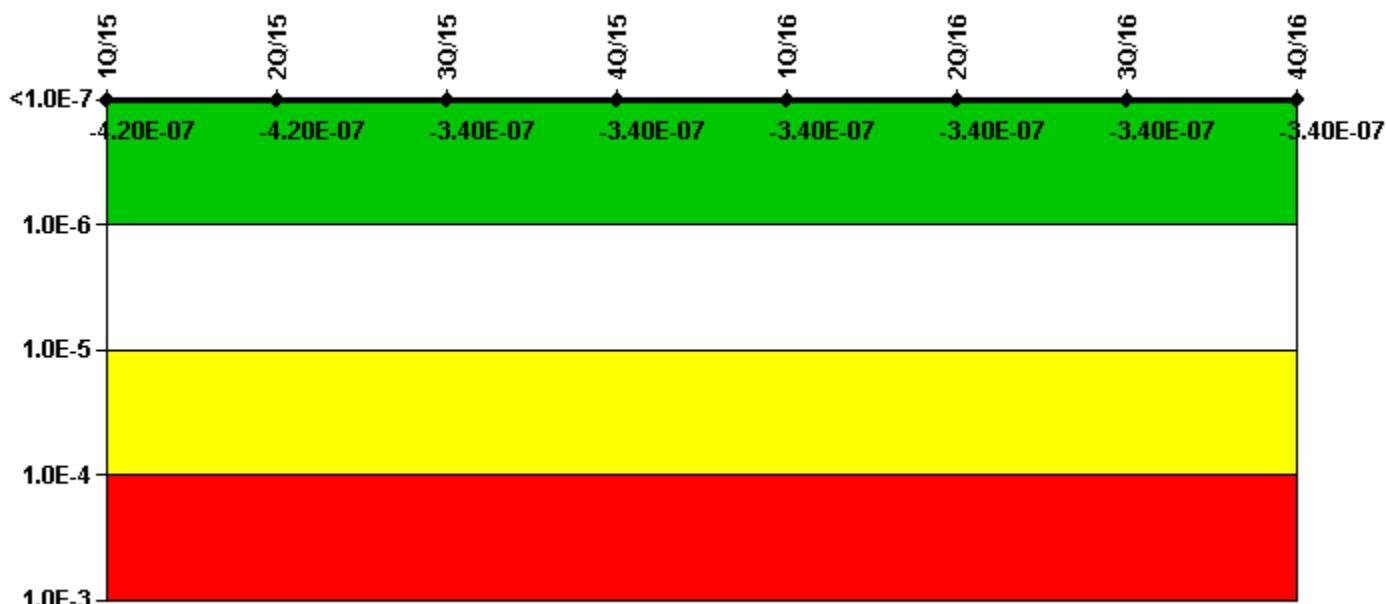
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	4.52E-09	1.08E-08
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.30E-07	-1.20E-07

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



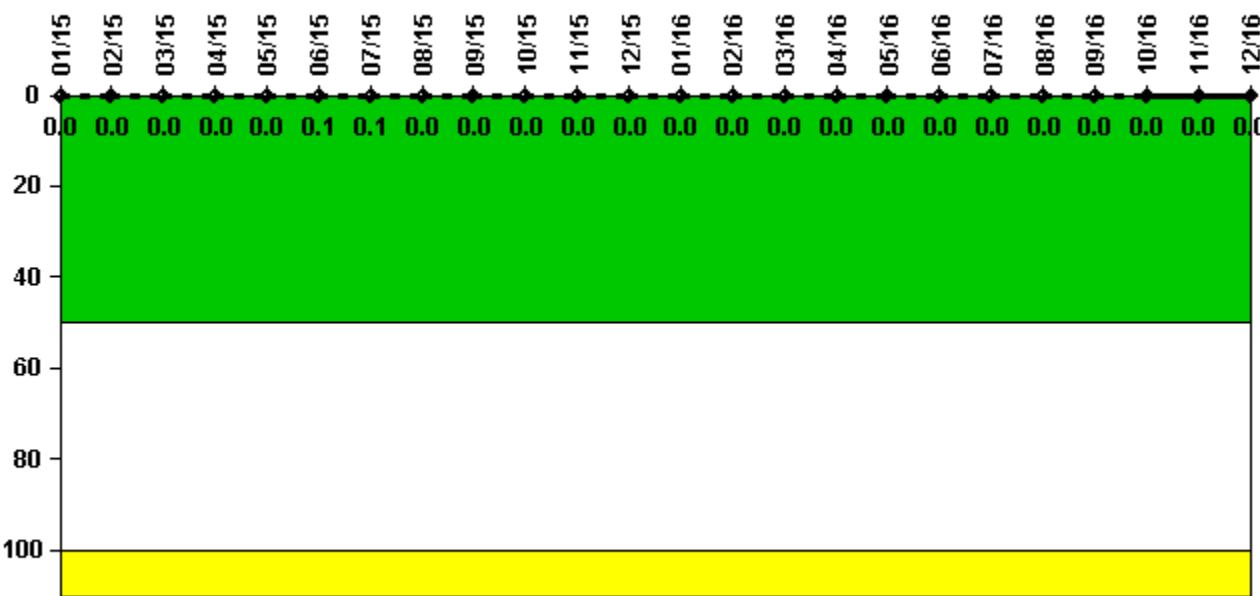
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling Water Systems	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
UAI (Δ CDF)	5.11E-10	6.37E-11	7.85E-08	7.82E-08	7.77E-08	7.71E-08	7.90E-08	7.85E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-4.20E-07	-4.20E-07	-3.40E-07	-3.40E-07	-3.40E-07	-3.40E-07	-3.40E-07	-3.40E-07

Licensee Comments: none

Reactor Coolant System Activity



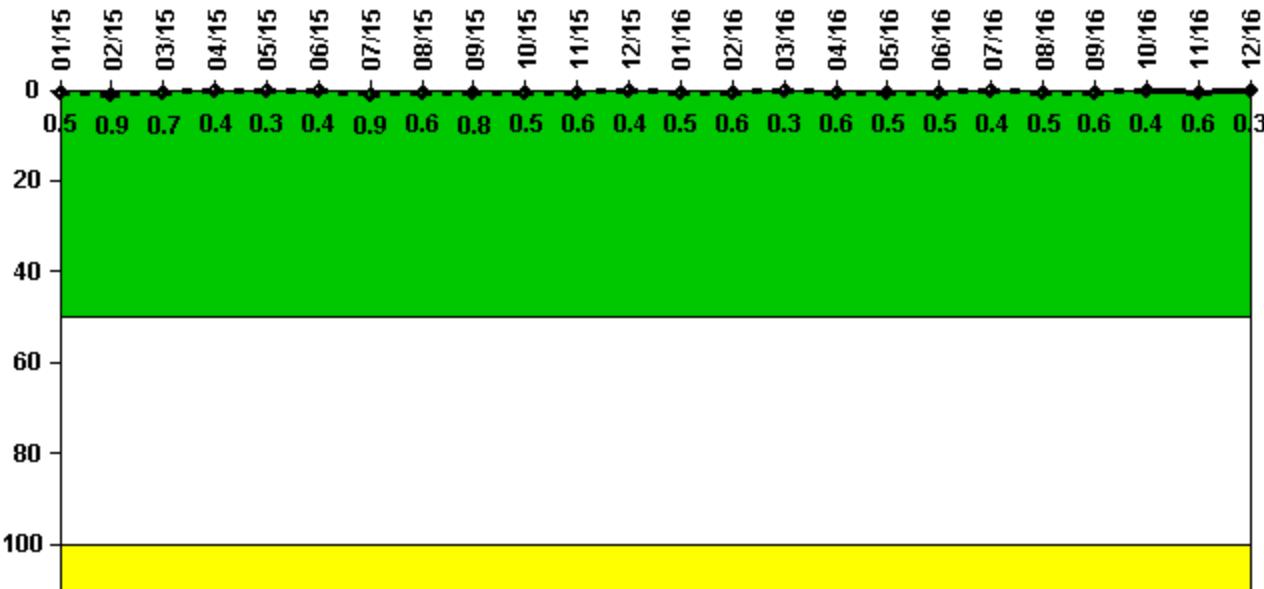
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum activity	0.000116	0.000103	0.000174	0.000331	0.000127	0.000944	0.000824	0.000143	0.000146	0.000132	0.000162	0.000163
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0.1	0.1	0	0	0	0	0
Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000167	0.000172	0.000158	0.000074	0.000108	0.000100	0.000125	0.000110	0.000117	0.000123	0.000125	0.000150
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments: none

Reactor Coolant System Leakage



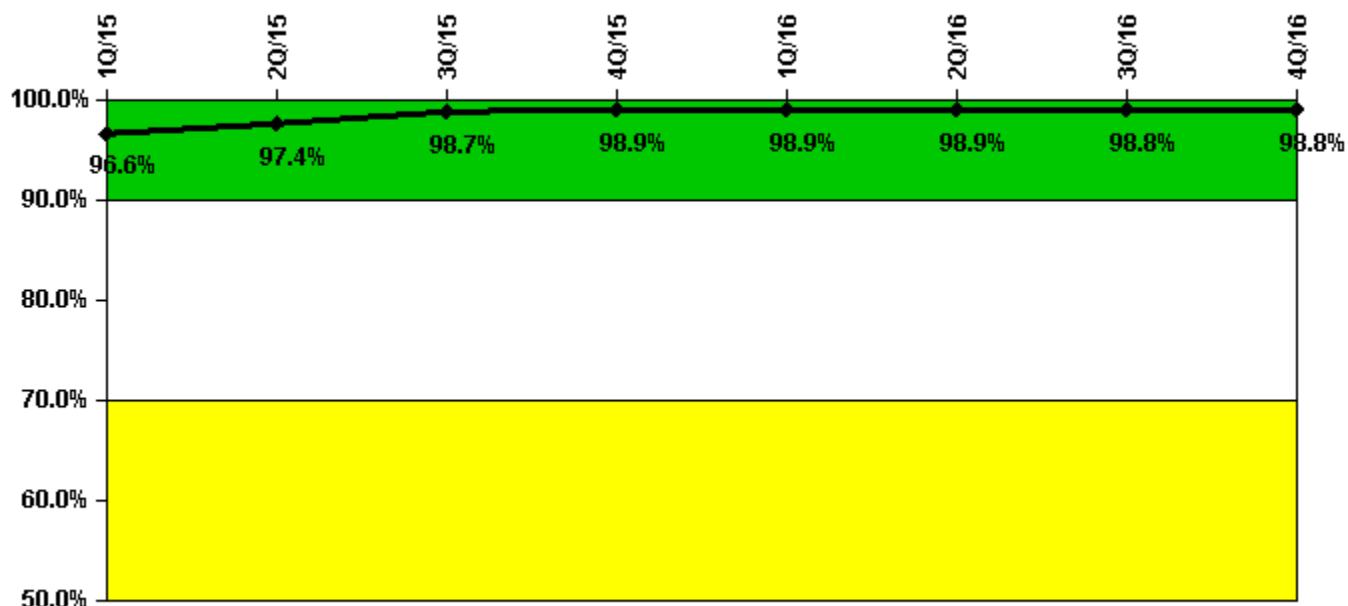
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15
Maximum leakage	0.048	0.093	0.071	0.044	0.034	0.040	0.087	0.058	0.084	0.051	0.059	0.036
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.9	0.7	0.4	0.3	0.4	0.9	0.6	0.8	0.5	0.6	0.4
Reactor Coolant System Leakage	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum leakage	0.051	0.057	0.025	0.055	0.047	0.052	0.042	0.053	0.055	0.037	0.064	0.029
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.5	0.6	0.3	0.6	0.5	0.5	0.4	0.5	0.6	0.4	0.6	0.3

Licensee Comments: none

Drill/Exercise Performance



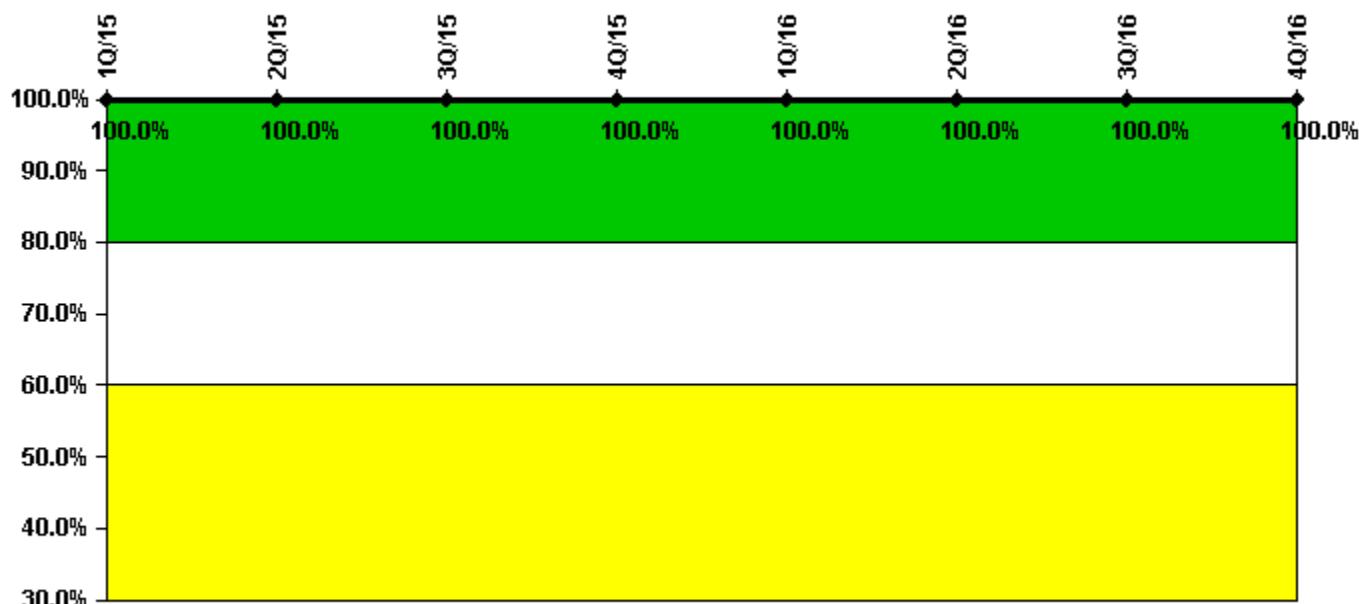
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful opportunities	41.0	36.0	44.0	34.0	21.0	39.0	22.0	18.0
Total opportunities	41.0	36.0	44.0	34.0	23.0	39.0	23.0	18.0
Indicator value	96.6%	97.4%	98.7%	98.9%	98.9%	98.9%	98.8%	98.8%

Licensee Comments: none

ERO Drill Participation



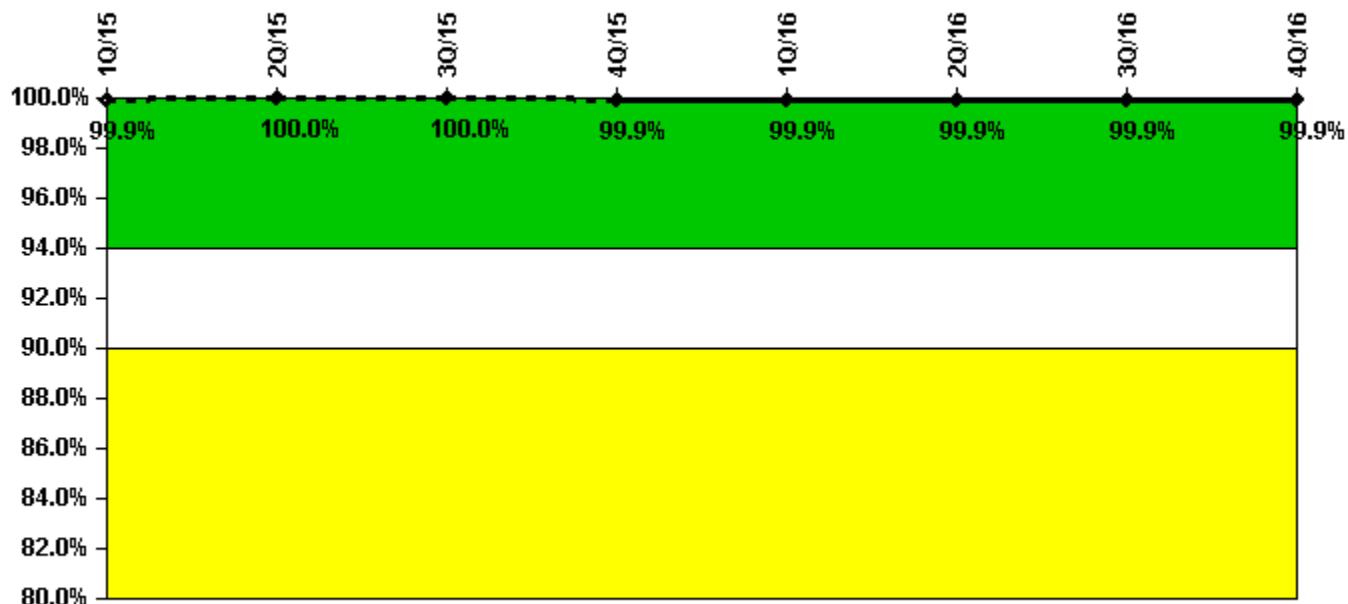
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Participating Key personnel	174.0	173.0	170.0	162.0	164.0	167.0	172.0	168.0
Total Key personnel	174.0	173.0	170.0	162.0	164.0	167.0	172.0	168.0
Indicator value	100.0%							

Licensee Comments: none

Alert & Notification System



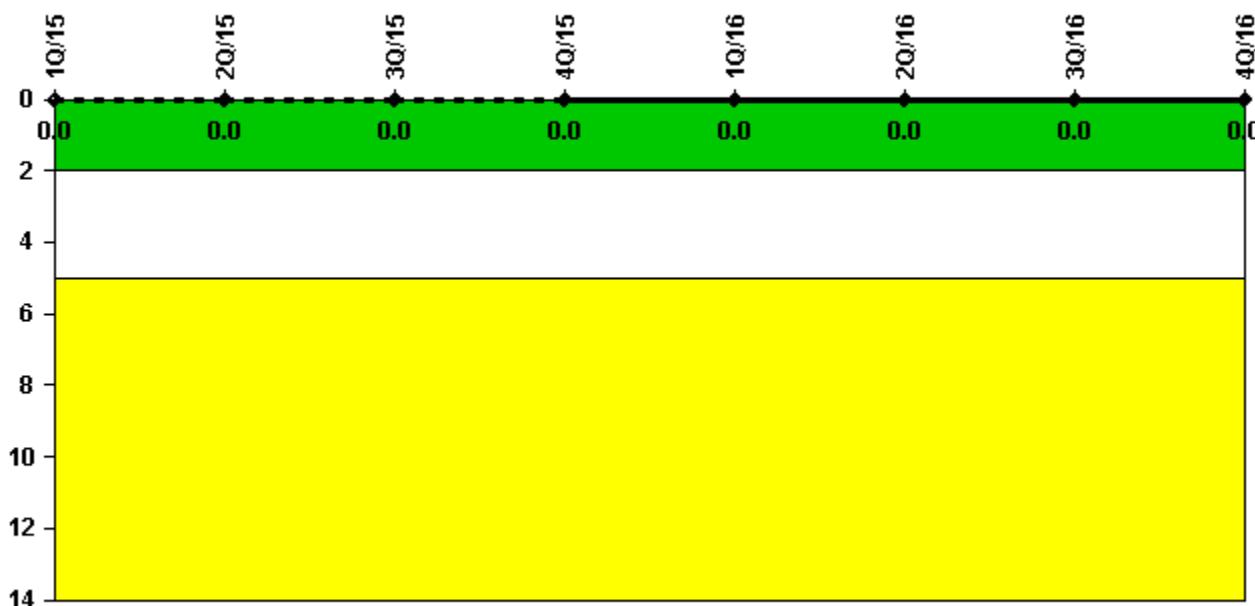
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
Successful siren-tests	1807	1797	1804	1874	1807	1806	1807	1793
Total sirens-tests	1809	1797	1804	1876	1809	1809	1809	1793
Indicator value	99.9%	100.0%	100.0%	99.9%	99.9%	99.9%	99.9%	99.9%

Licensee Comments: none

Occupational Exposure Control Effectiveness



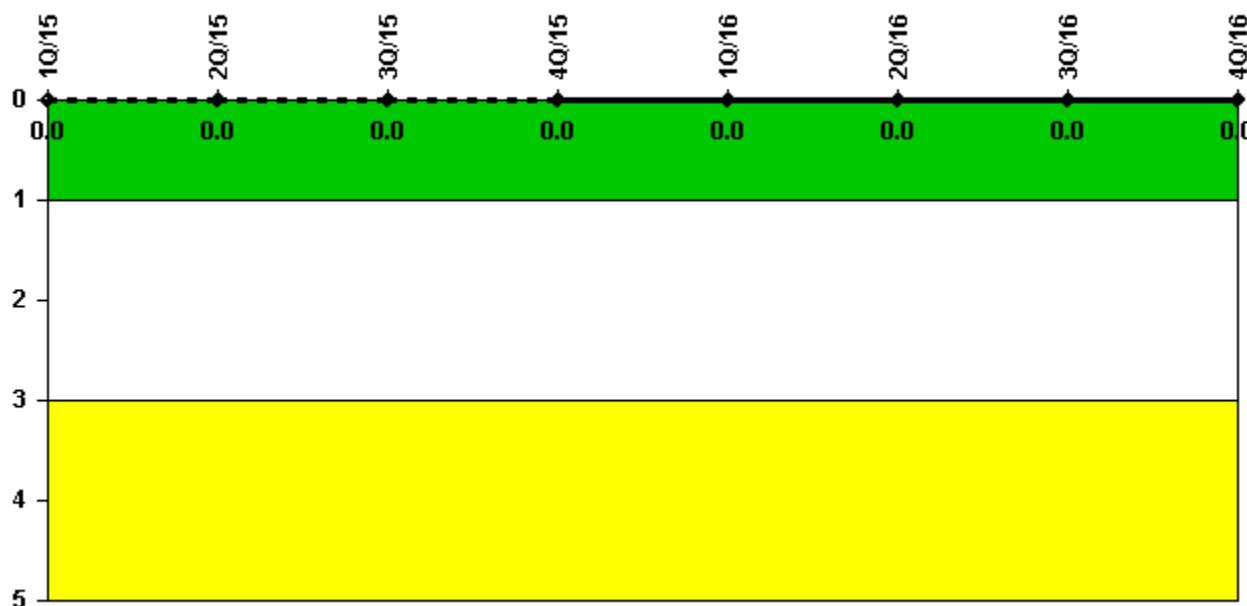
Thresholds: White > 2.0 Yellow > 5.0

Notes

Occupational Exposure Control Effectiveness	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

RETS/ODCM Radiological Effluent



Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

▲ [Action Matrix Summary](#) | [Inspection Findings Summary](#) | [PI Summary](#) | [Reactor Oversight Process](#)

Last Modified: January 24, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > McGuire 1 > Quarterly Performance Indicators

McGuire 1 – Quarterly Performance Indicators

1Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire Unit 1 2017Q1 PI Data

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

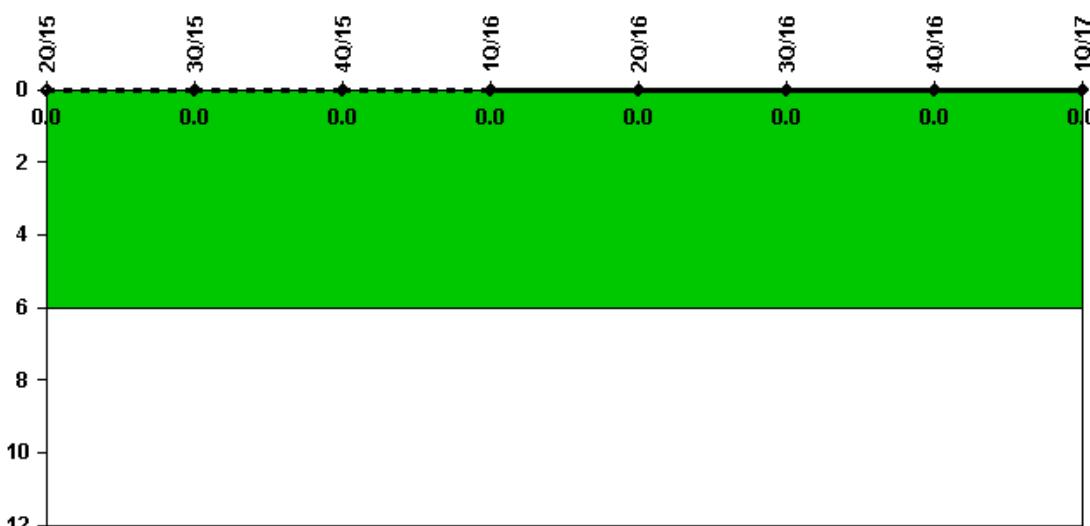
Unplanned Scrams per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1875.2	1810.6	2208.0	2209.0	2159.0

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

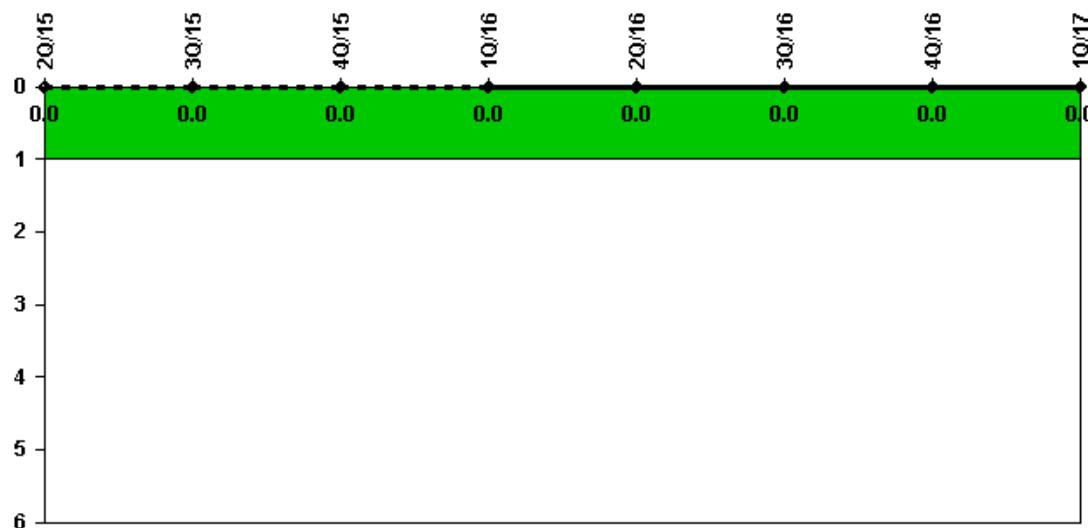
Notes

Unplanned Power Changes per 7000 Critical Hrs	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2184.0	2208.0	2209.0	1875.2	1810.6	2208.0	2209.0	2159.0

Indicator value 0 0 0 0 0 0 0 0



Licensee Comments: none



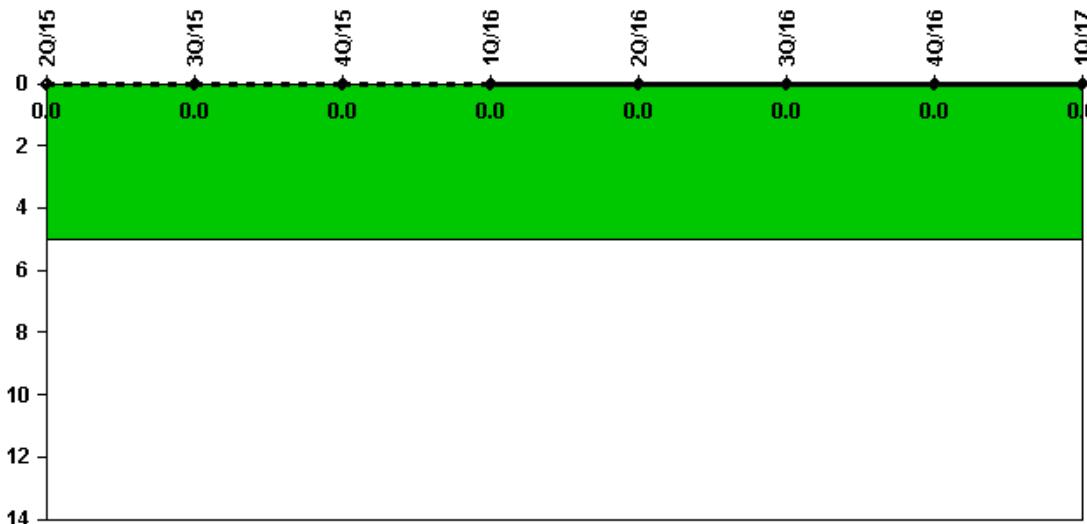
Thresholds: White > 1.0

Notes

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0



Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

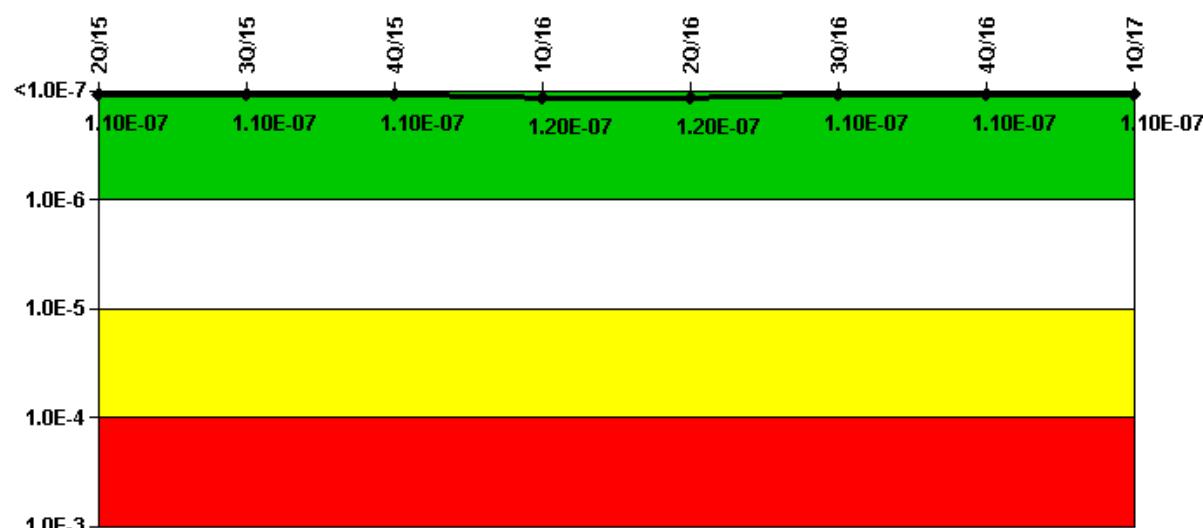
Notes

Safety System Functional Failures (PWR) 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17
Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

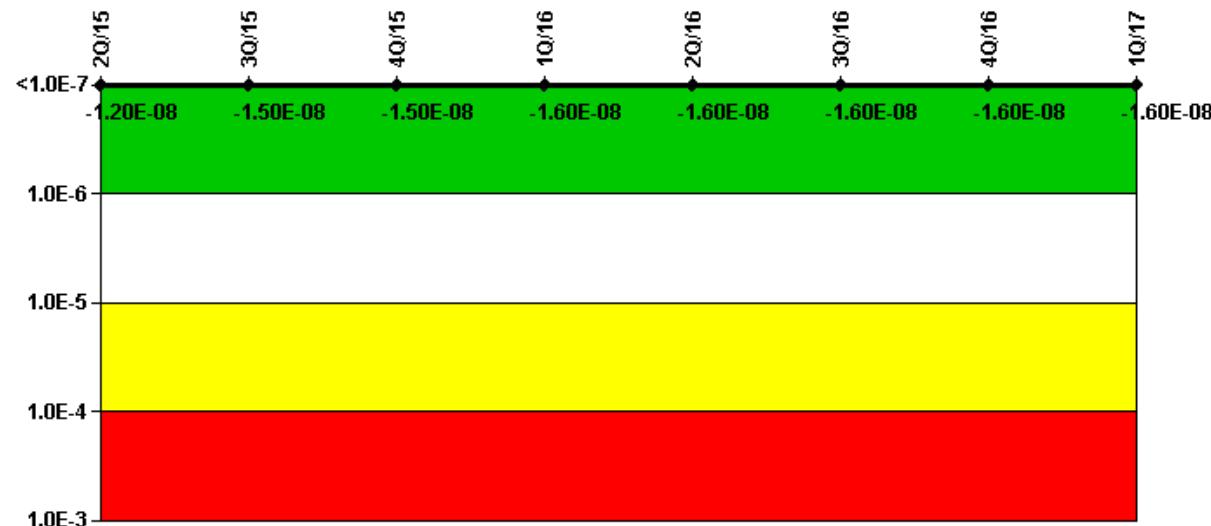
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes**Mitigating Systems Performance Index, Emergency AC**

Power System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	1.43E-08	1.54E-08	1.54E-08	2.13E-08	2.54E-08	1.87E-08	1.24E-08	1.90E-08
URI (Δ CDF)	9.47E-08							
PLE	NO							
Indicator value	1.10E-07	1.10E-07	1.10E-07	1.20E-07	1.20E-07	1.10E-07	1.10E-07	1.10E-07

 TOP

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

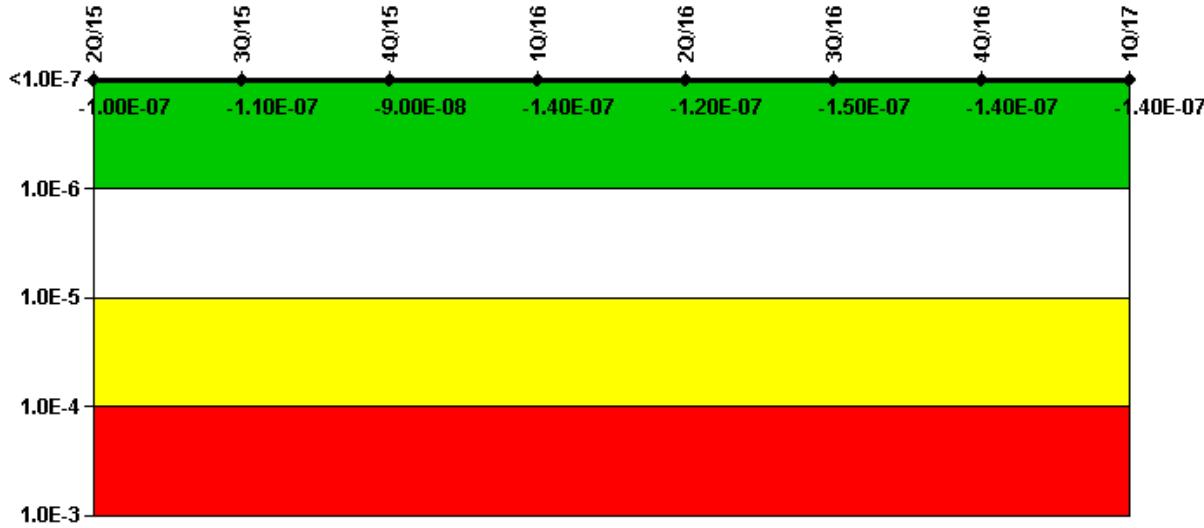
Notes**Mitigating Systems Performance Index, High Pressure Injection System**

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-6.86E-10	-3.56E-09	-3.16E-09	-4.38E-09	-4.05E-09	-4.52E-09	-4.46E-09	-4.46E-09
URI (Δ CDF)	-1.16E-08							
PLE	NO							
Indicator value	-1.20E-08	-1.50E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08	-1.60E-08

 TOP

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

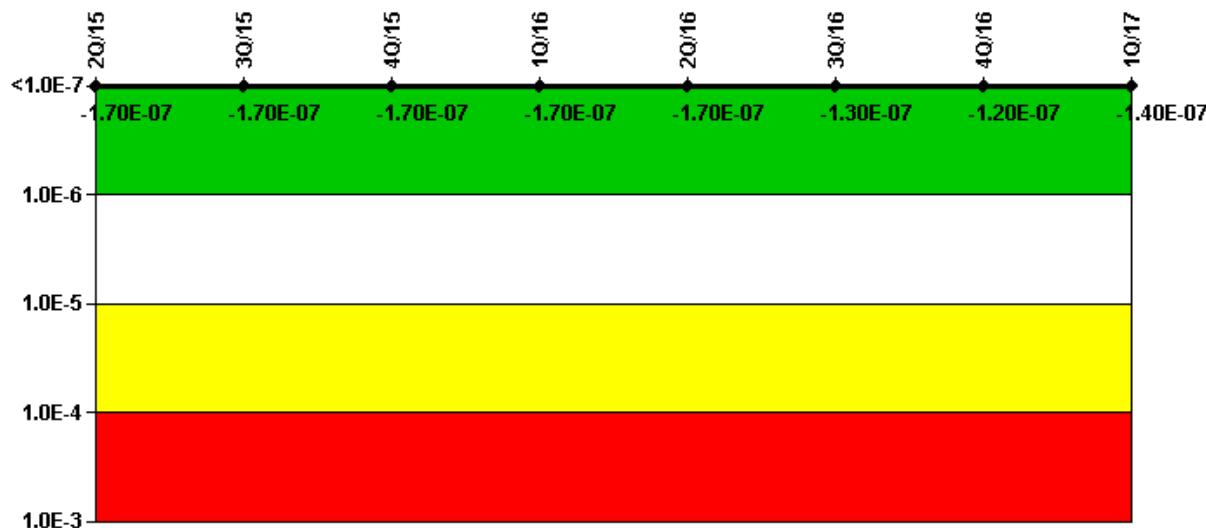
Mitigating Systems Performance Index, Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	3.61E-08	2.89E-08	4.94E-08	2.03E-09	1.63E-08	-1.32E-08	-1.54E-11	1.30E-08
URI (Δ CDF)	-1.39E-07	-1.54E-07						
PLE	NO							
Indicator value	-1.00E-07	-1.10E-07	-9.00E-08	-1.40E-07	-1.20E-07	-1.50E-07	-1.40E-07	-1.40E-07

TOP

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

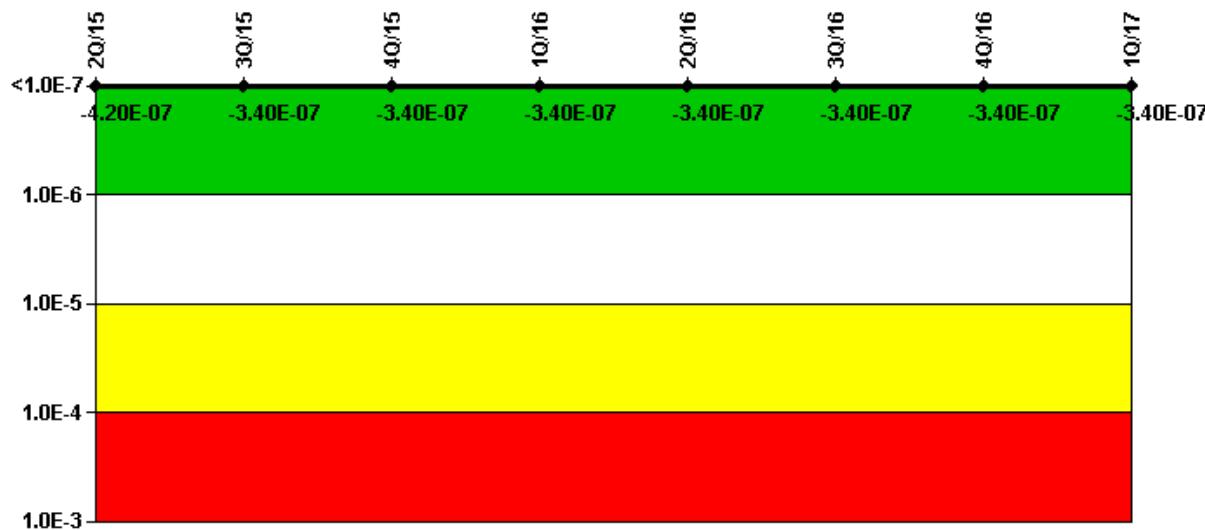
Mitigating Systems Performance Index, Residual Heat Removal System

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	4.52E-09	1.08E-08	-5.69E-09
URI (Δ CDF)	-1.35E-07							
PLE	NO							
Indicator value	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.30E-07	-1.20E-07	-1.40E-07

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

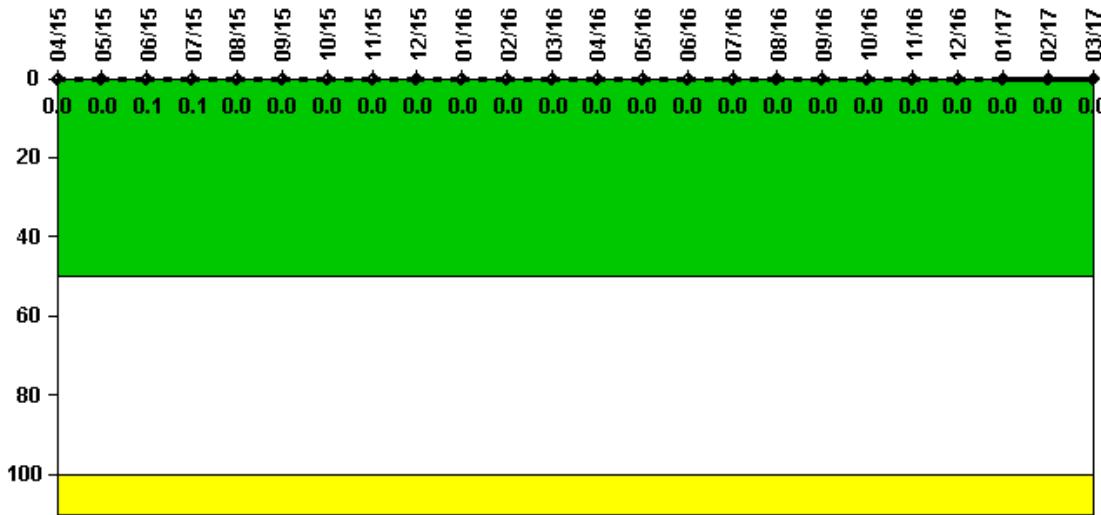
Mitigating Systems Performance Index, Cooling

Water Systems

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
UAI (Δ CDF)	6.37E-11	7.85E-08	7.82E-08	7.77E-08	7.71E-08	7.90E-08	7.85E-08	7.85E-08
URI (Δ CDF)	-4.18E-07							
PLE	NO							
Indicator value	-4.20E-07	-3.40E-07						

▲ TOP

Licensee Comments: none

Reactor Coolant System Activity

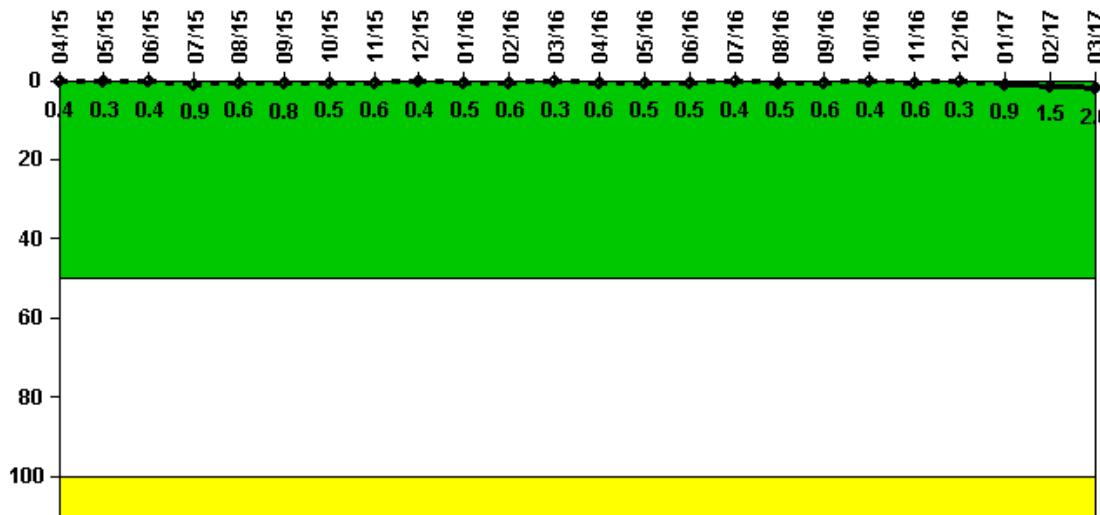
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	4/15	5/15	6/15	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16
Maximum activity	0.0000331	0.000127	0.000944	0.000824	0.000143	0.000146	0.000132	0.000162	0.000163	0.000167	0.000172	0.000158
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0.1	0.1	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17
Maximum activity	0.000074	0.000108	0.000100	0.000125	0.000110	0.000117	0.000123	0.000125	0.000150	0.000191	0.000169	0.000148
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes**Reactor Coolant System Leakage** 4/15 5/15 6/15 7/15 8/15 9/15 10/15 11/15 12/15 1/16 2/16 3/16

Maximum leakage 0.044 0.034 0.040 0.087 0.058 0.084 0.051 0.059 0.036 0.051 0.057 0.025

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.4 0.3 0.4 0.9 0.6 0.8 0.5 0.6 0.4 0.5 0.6 0.3**Reactor Coolant System Leakage** 4/16 5/16 6/16 7/16 8/16 9/16 10/16 11/16 12/16 1/17 2/17 3/17

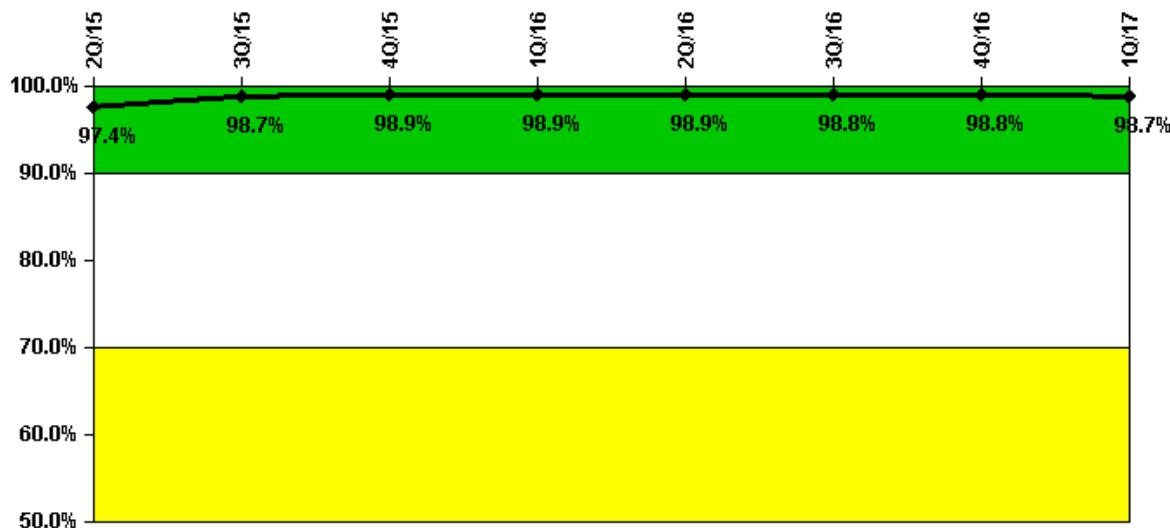
Maximum leakage 0.055 0.047 0.052 0.042 0.053 0.055 0.037 0.064 0.029 0.085 0.151 0.198

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.6 0.5 0.5 0.4 0.5 0.6 0.4 0.6 0.3 0.9 1.5 2.0

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

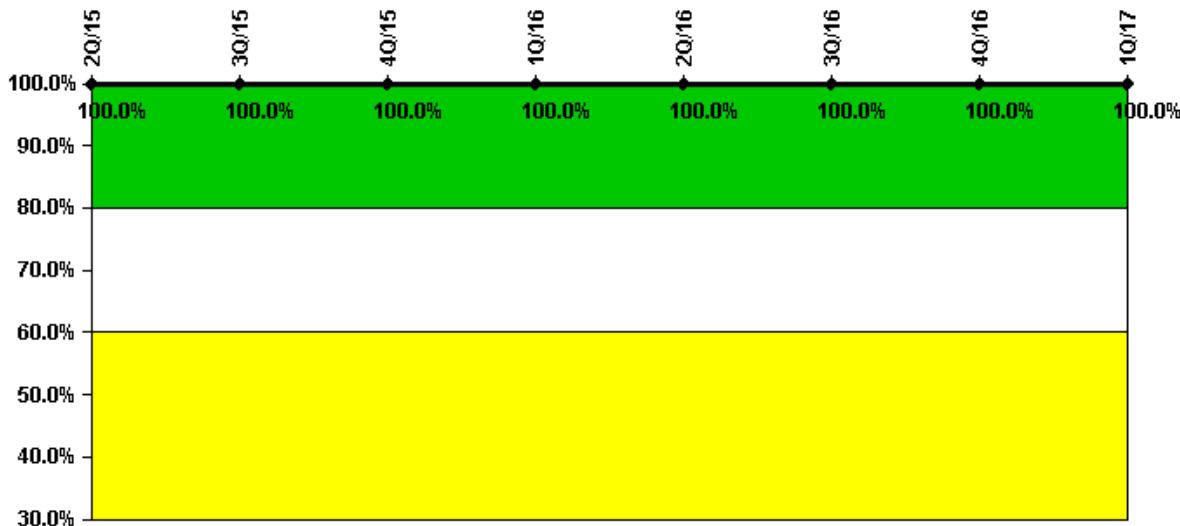
Drill/Exercise Performance	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful opportunities	36.0	44.0	34.0	21.0	39.0	22.0	18.0	12.0
Total opportunities	36.0	44.0	34.0	23.0	39.0	23.0	18.0	12.0

Indicator value 97.4% 98.7% 98.9% 98.9% 98.9% 98.8% 98.8% 98.7%

TOP

Licensee Comments: none

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

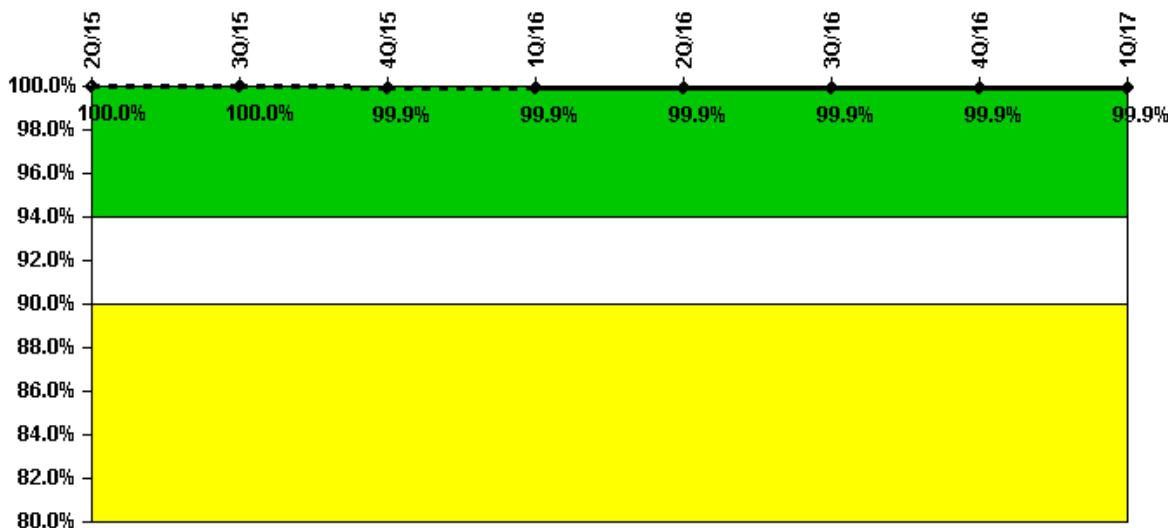
Notes

ERO Drill Participation	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Participating Key personnel	173.0	170.0	162.0	164.0	167.0	172.0	168.0	173.0
Total Key personnel	173.0	170.0	162.0	164.0	167.0	172.0	168.0	173.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

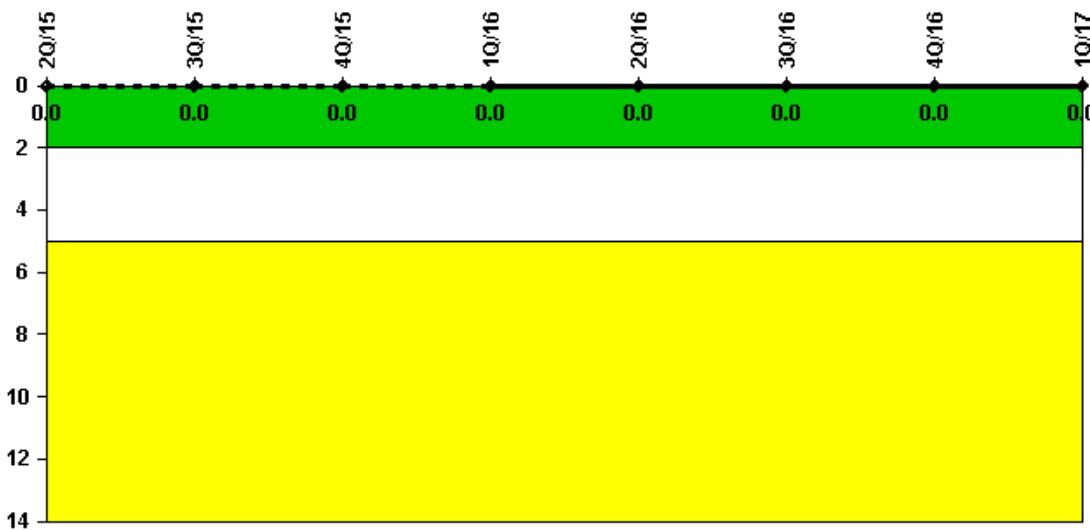
Notes

Alert & Notification System	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
Successful siren-tests	1797	1804	1874	1807	1806	1807	1793	1791
Total sirens-tests	1797	1804	1876	1809	1809	1809	1793	1792

Indicator value **100.0% 100.0% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9%**

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness

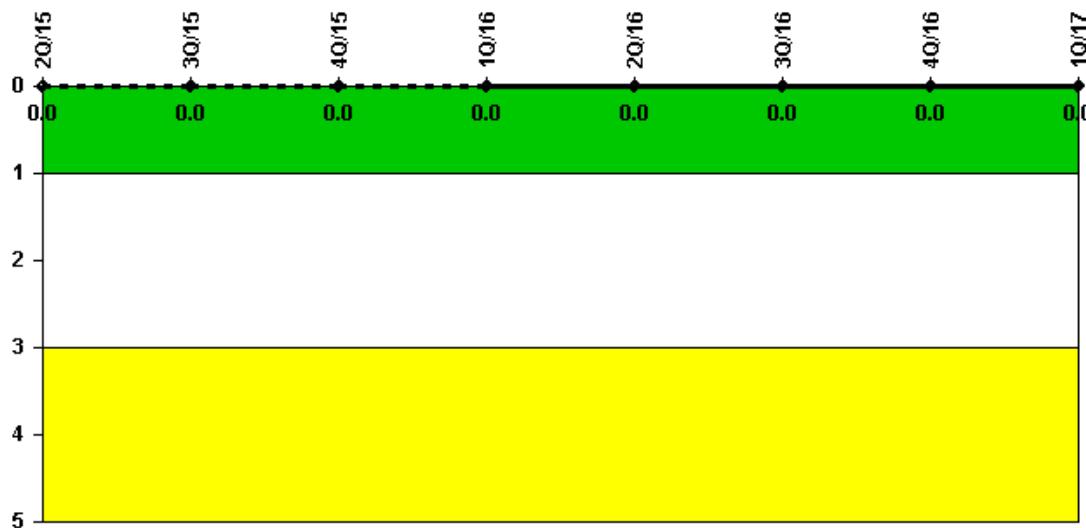
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness**

	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 2Q/15 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17
RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: May 5, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > McGuire 1 > Quarterly Performance Indicators

McGuire 1 – Quarterly Performance Indicators

2Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire Unit 1 Change File (2017Q2 submittal)

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

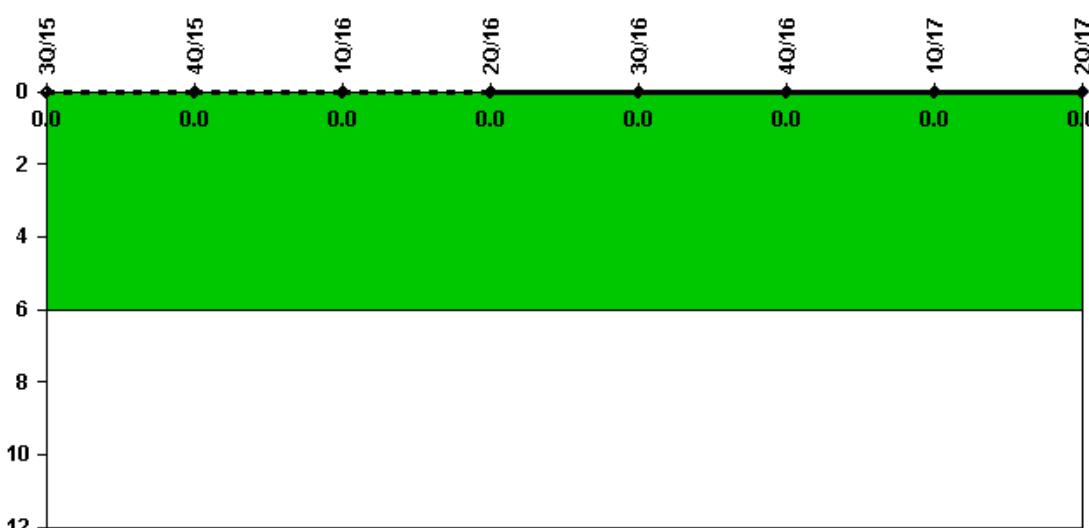
Unplanned Scrams per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1875.2	1810.6	2208.0	2209.0	2159.0	2184.0

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White ≥ 6.0

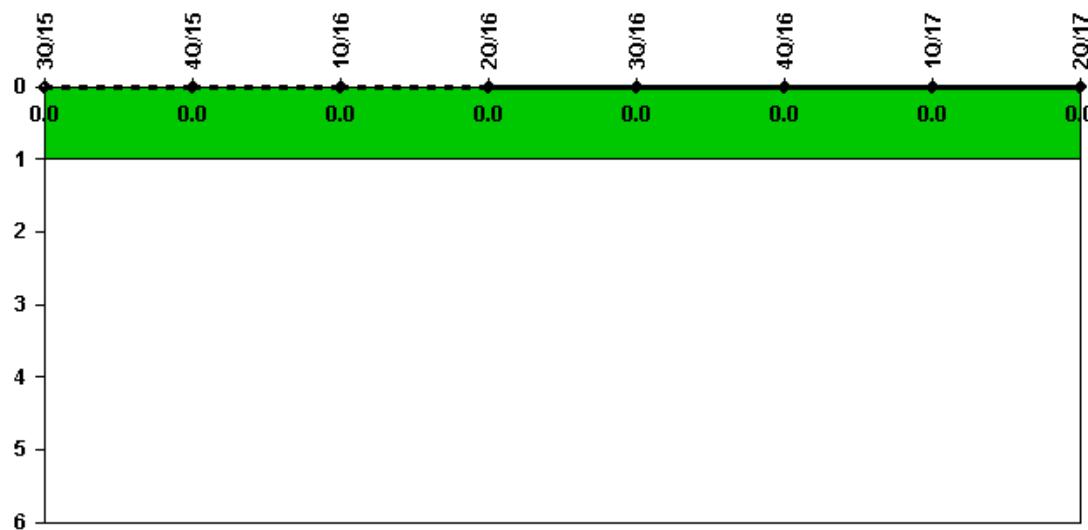
Notes

Unplanned Power Changes per 7000 Critical Hrs	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2208.0	2209.0	1875.2	1810.6	2208.0	2209.0	2159.0	2184.0

Indicator value 0 0 0 0 0 0 0 0



Licensee Comments: none



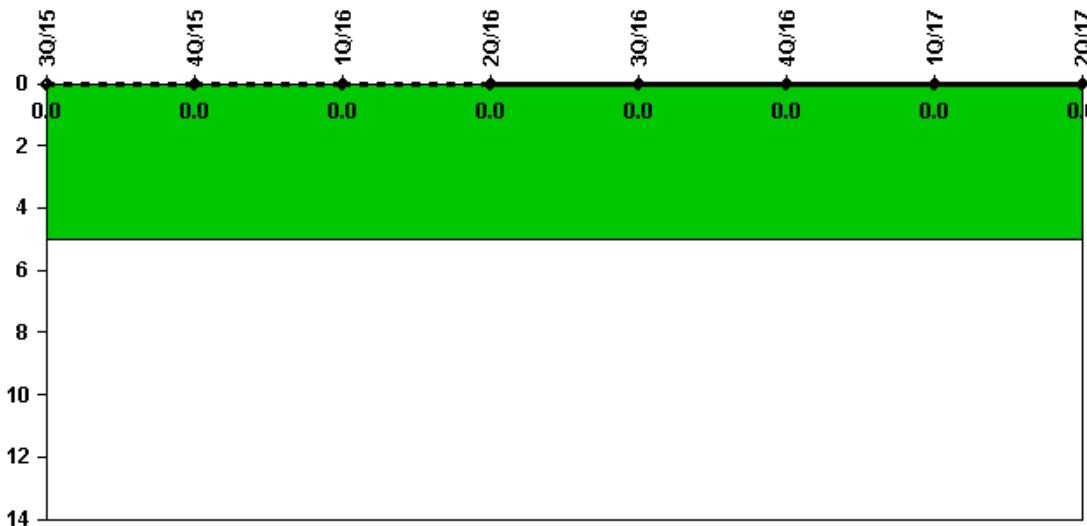
Thresholds: White > 1.0

Notes

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0



Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

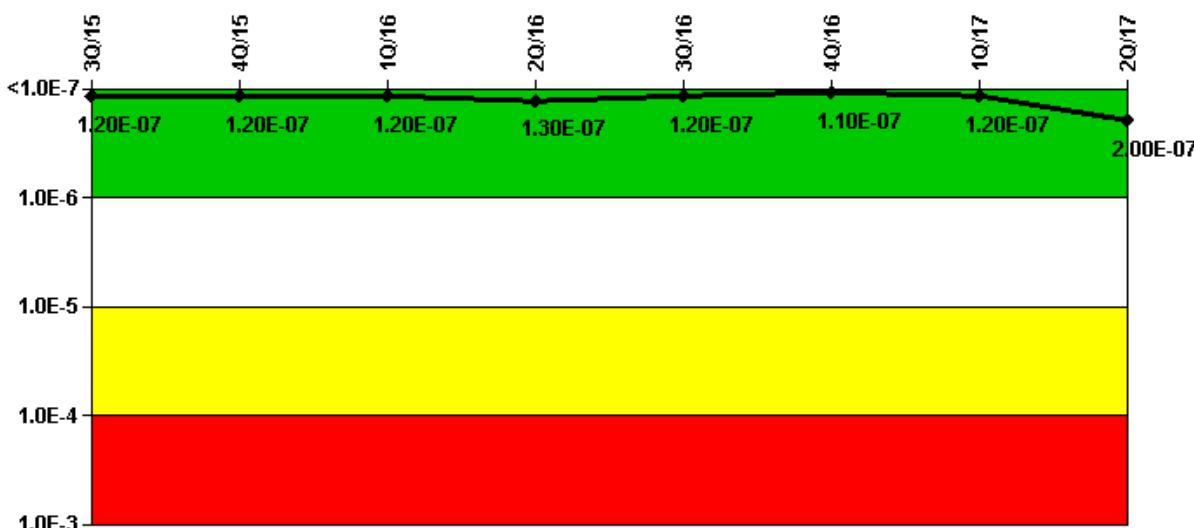
Notes

Safety System Functional Failures (PWR) 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17
 Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

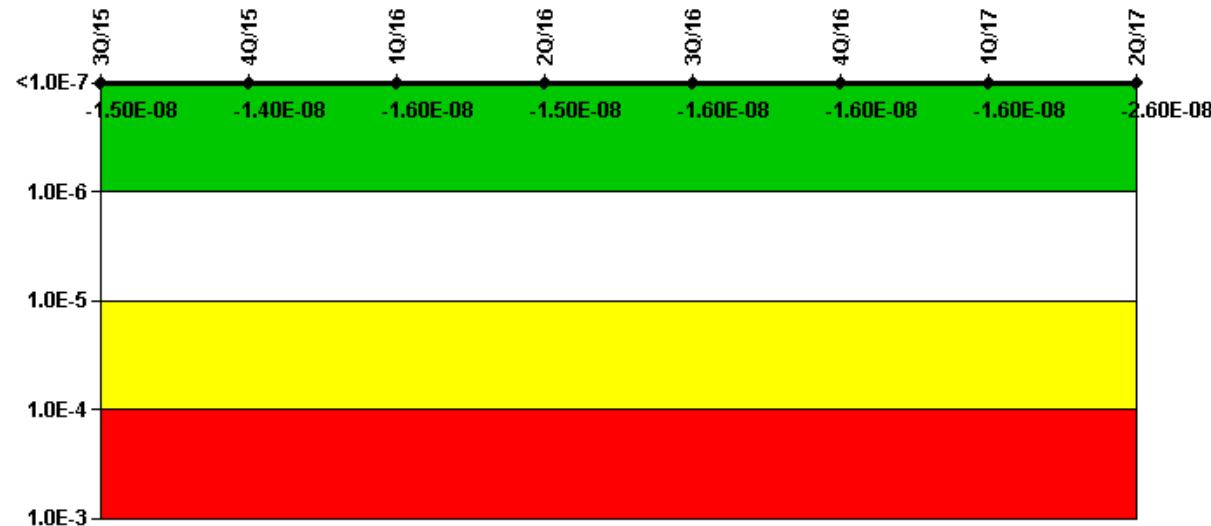
Notes**Mitigating Systems Performance Index, Emergency AC**

Power System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	1.54E-08	1.54E-08	2.13E-08	2.54E-08	1.87E-08	1.24E-08	1.90E-08	1.00E-08
URI (Δ CDF)	1.02E-07	1.91E-07						
PLE	NO							
Indicator value	1.20E-07	1.20E-07	1.20E-07	1.30E-07	1.20E-07	1.10E-07	1.20E-07	2.00E-07

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

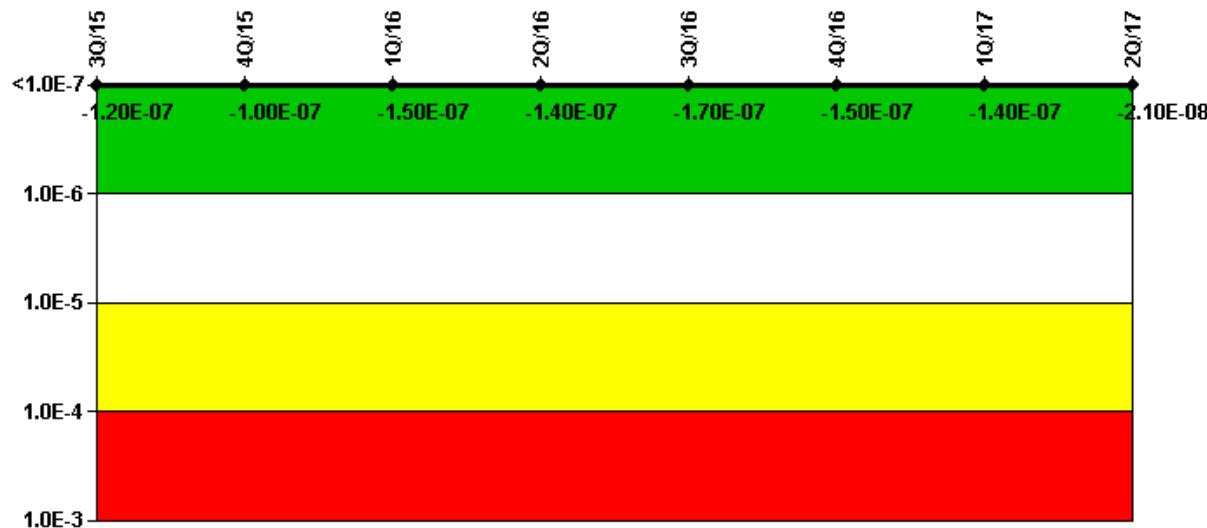
Notes**Mitigating Systems Performance Index, High**

Pressure Injection System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-3.56E-09	-3.16E-09	-4.38E-09	-4.05E-09	-4.52E-09	-4.46E-09	-4.46E-09	-1.88E-08
URI (Δ CDF)	-1.11E-08	-7.21E-09						
PLE	NO							
Indicator value	-1.50E-08	-1.40E-08	-1.60E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08	-2.60E-08

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes**Mitigating Systems Performance Index, Heat Removal System**

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	2.89E-08	4.94E-08	2.03E-09	1.63E-08	-1.32E-08	-1.54E-11	1.30E-08	3.91E-08
URI (Δ CDF)	-1.51E-07	-1.52E-07	-1.53E-07	-1.53E-07	-1.53E-07	-1.53E-07	-1.53E-07	-6.05E-08
PLE	NO							
Indicator value	-1.20E-07	-1.00E-07	-1.50E-07	-1.40E-07	-1.70E-07	-1.50E-07	-1.40E-07	-2.10E-08

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

1Q/17: Changed PRA Parameter(s).

4Q/16: Changed PRA Parameter(s).

3Q/16: Changed PRA Parameter(s).

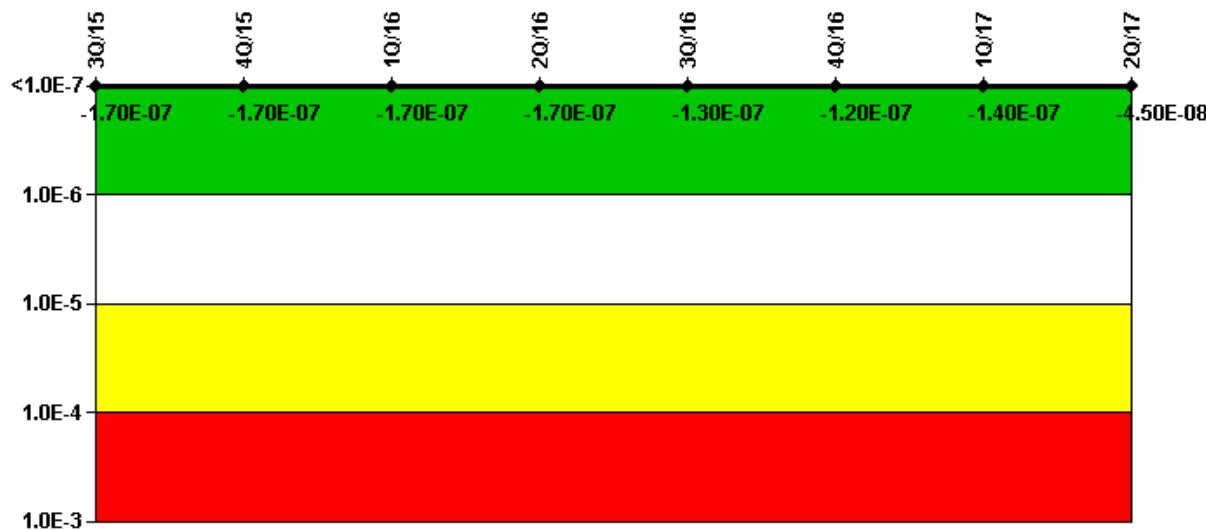
2Q/16: Changed PRA Parameter(s).

1Q/16: Changed PRA Parameter(s).

4Q/15: Changed PRA Parameter(s).

3Q/15: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

Mitigating Systems Performance Index, Residual Heat Removal System

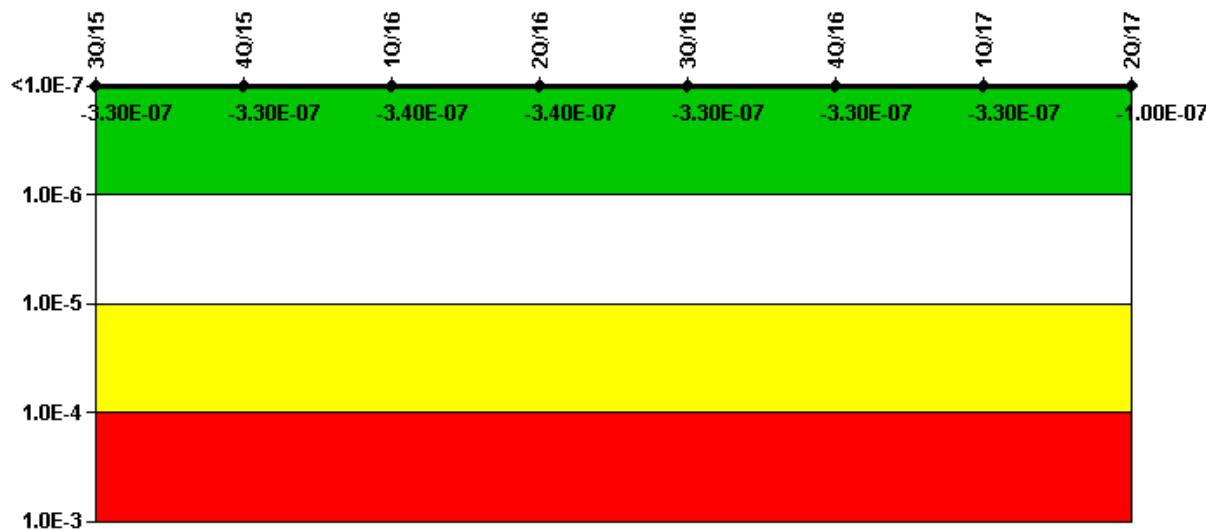
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	-3.28E-08	-3.28E-08	-3.28E-08	-3.28E-08	4.52E-09	1.08E-08	-5.69E-09	-3.78E-09
URI (Δ CDF)	-1.35E-07	-4.10E-08						
PLE	NO							
Indicator value	-1.70E-07	-1.70E-07	-1.70E-07	-1.70E-07	-1.30E-07	-1.20E-07	-1.40E-07	-4.50E-08

▲ TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling

Water Systems

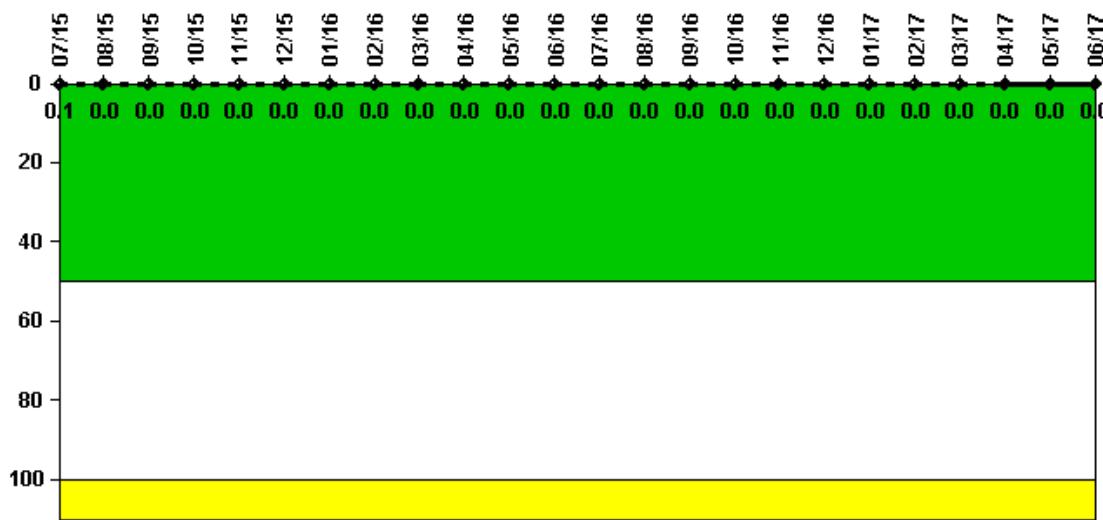
	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
UAI (Δ CDF)	7.85E-08	7.82E-08	7.77E-08	7.71E-08	7.90E-08	7.85E-08	7.85E-08	2.69E-08
URI (Δ CDF)	-4.13E-07	-1.28E-07						
PLE	NO							
Indicator value	-3.30E-07	-3.30E-07	-3.40E-07	-3.40E-07	-3.30E-07	-3.30E-07	-3.30E-07	-1.00E-07

▲ TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Reactor Coolant System Activity



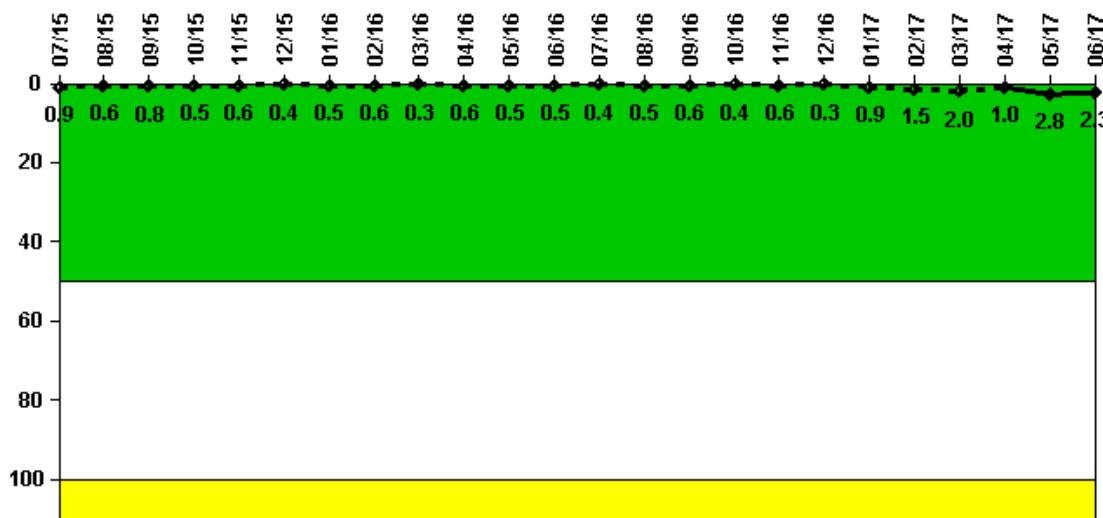
Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	7/15	8/15	9/15	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16
Maximum activity	0.000824	0.000143	0.000146	0.000132	0.000162	0.000163	0.000167	0.000172	0.000158	0.000074	0.000108	0.000100
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	7/16	8/16	9/16	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17
Maximum activity	0.000125	0.000110	0.000117	0.000123	0.000125	0.000150	0.000191	0.000169	0.000148	0.000153	0.000152	0.000153
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage 7/15 8/15 9/15 10/15 11/15 12/15 1/16 2/16 3/16 4/16 5/16 6/16

Maximum leakage 0.087 0.058 0.084 0.051 0.059 0.036 0.051 0.057 0.025 0.055 0.047 0.052

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.9 0.6 0.8 0.5 0.6 0.4 0.5 0.6 0.3 0.6 0.5 0.5

Reactor Coolant System Leakage 7/16 8/16 9/16 10/16 11/16 12/16 1/17 2/17 3/17 4/17 5/17 6/17

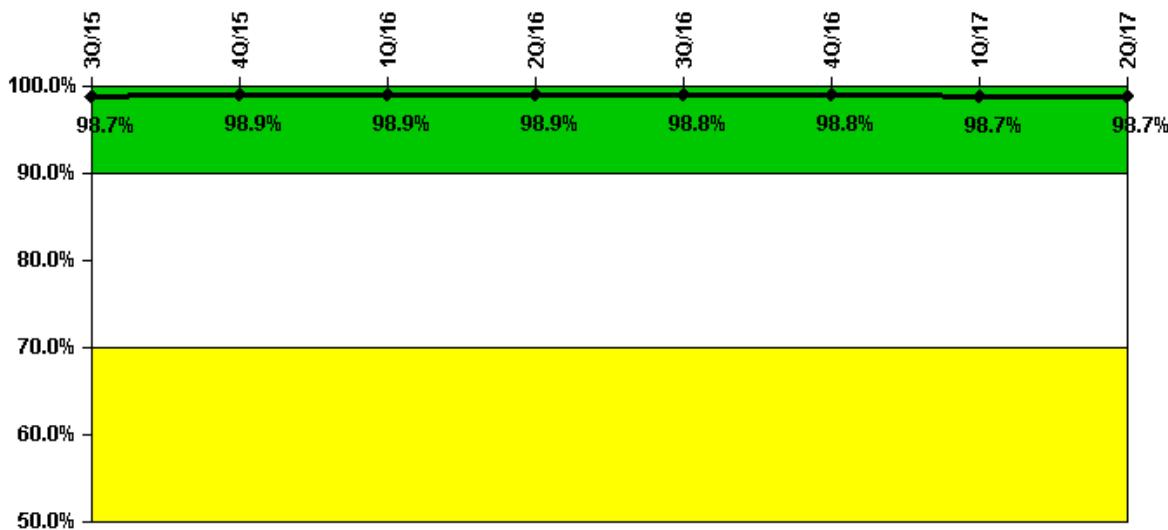
Maximum leakage 0.042 0.053 0.055 0.037 0.064 0.029 0.085 0.151 0.198 0.104 0.279 0.225

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.4 0.5 0.6 0.4 0.6 0.3 0.9 1.5 2.0 1.0 2.8 2.3

TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful opportunities	44.0	34.0	21.0	39.0	23.0	18.0	12.0	32.0
Total opportunities	44.0	34.0	23.0	39.0	24.0	18.0	12.0	32.0

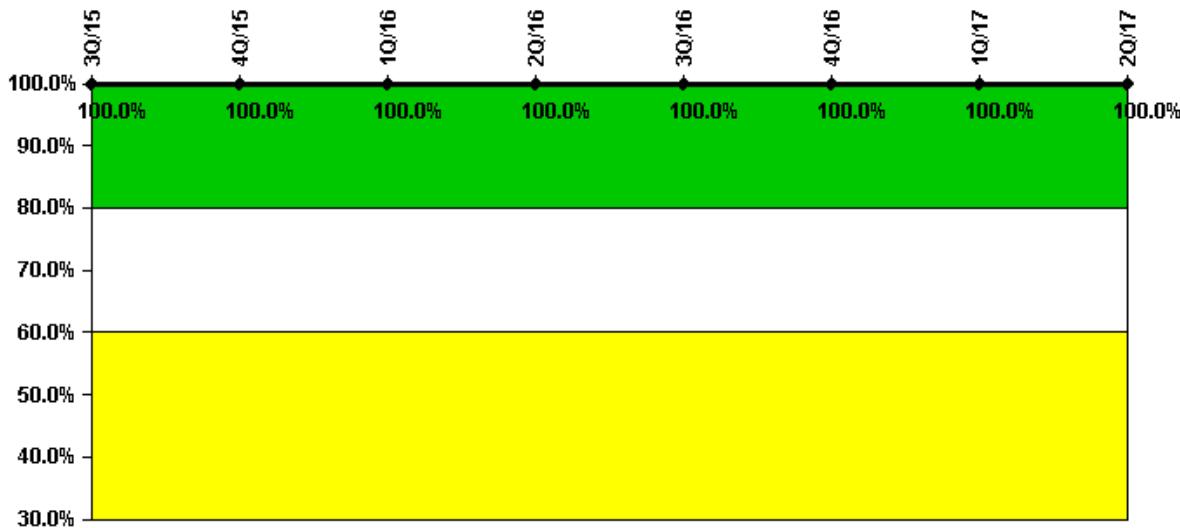
Indicator value **98.7% 98.9% 98.9% 98.9% 98.8% 98.8% 98.7% 98.7%**

TOP

Licensee Comments:

3Q/16: In 2017Q2, an error to the Drill/Exercise Performance indicator for 2016Q3 was identified. One opportunity/success was not previously accounted for but has since been corrected. This error did not affect the indicator color.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

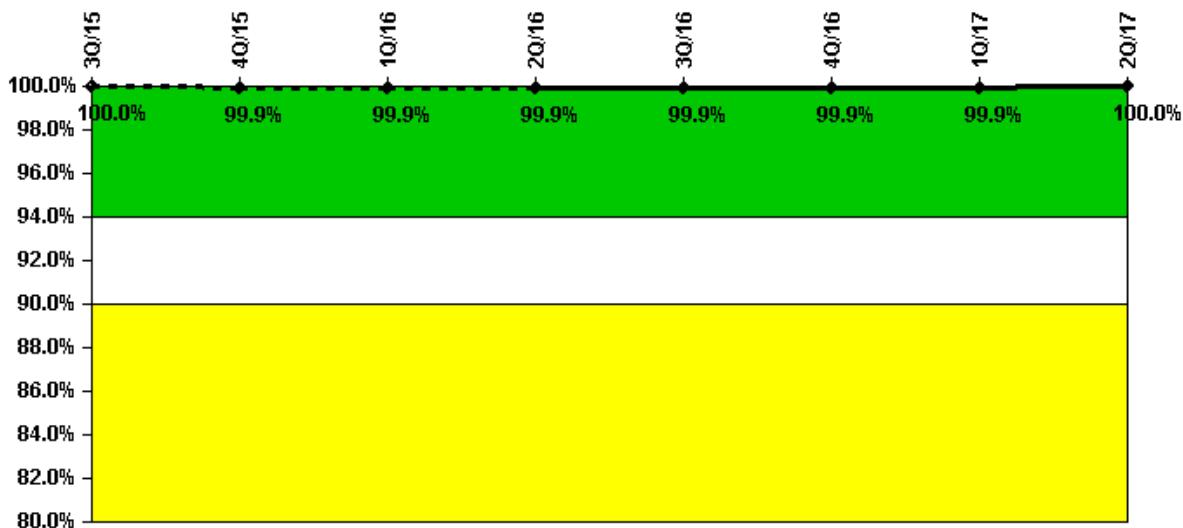
ERO Drill Participation	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Participating Key personnel	170.0	162.0	164.0	167.0	172.0	168.0	173.0	172.0
Total Key personnel	170.0	162.0	164.0	167.0	172.0	168.0	173.0	172.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

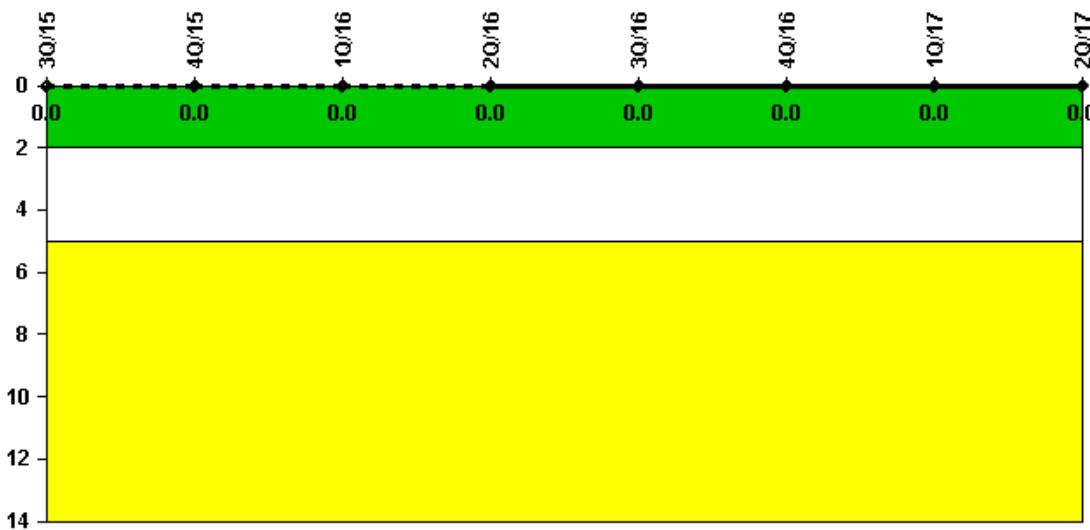
Notes

Alert & Notification System	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
Successful siren-tests	1804	1874	1807	1806	1807	1793	1791	1808
Total sirens-tests	1804	1876	1809	1809	1809	1793	1792	1808

Indicator value **100.0% 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 100.0%**

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness

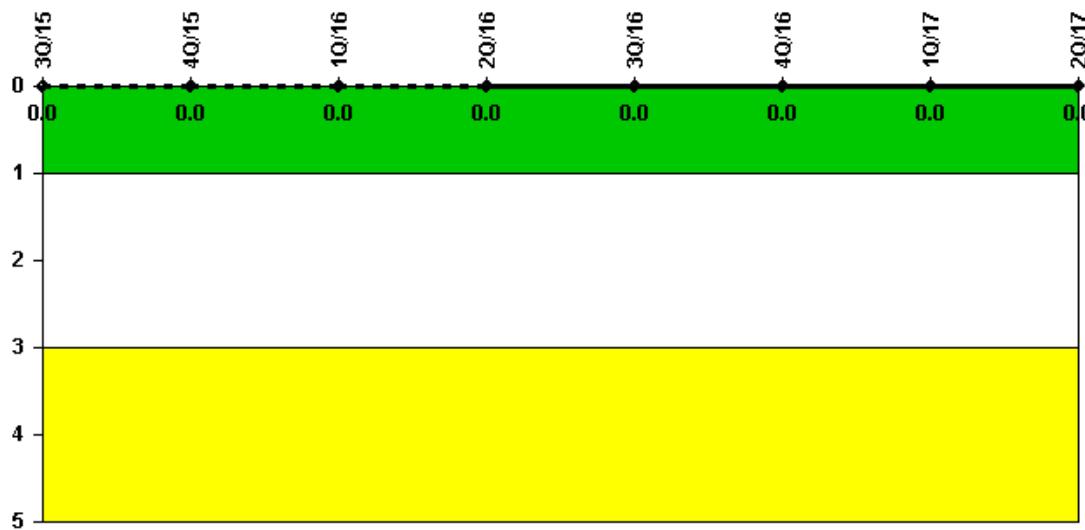
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness**

	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17
High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

▲ TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 3Q/15 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17
RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: July 26, 2017

Page Last Reviewed/Updated Wednesday, June 07, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > McGuire 1 > Quarterly Performance Indicators

McGuire 1 – Quarterly Performance Indicators

3Q/2017 Performance Indicators

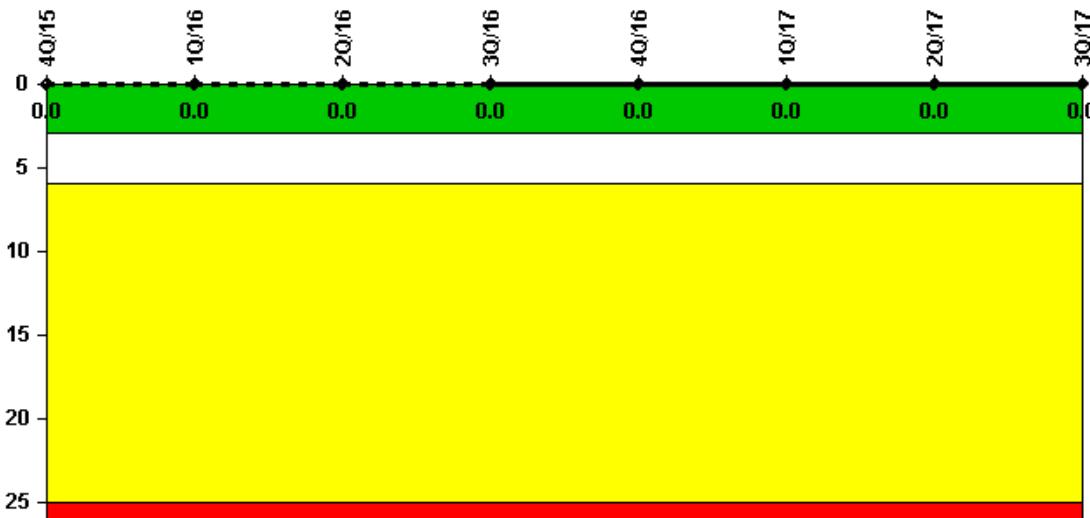
The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 2017Q3, PI Data

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs



Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

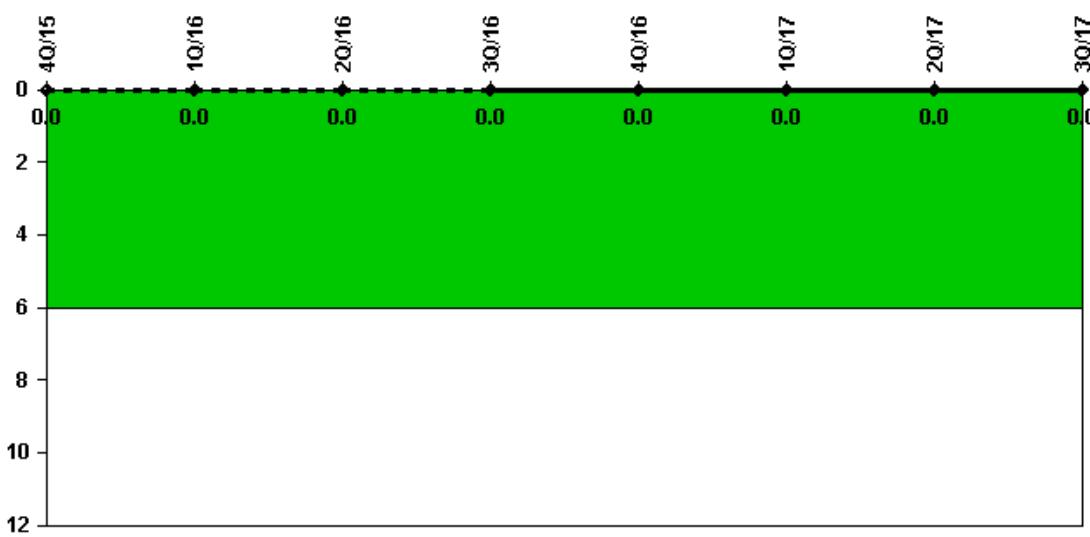
Unplanned Scrams per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	2209.0	1875.2	1810.6	2208.0	2209.0	2159.0	2184.0	2020.1

Indicator value



Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



Thresholds: White > 6.0

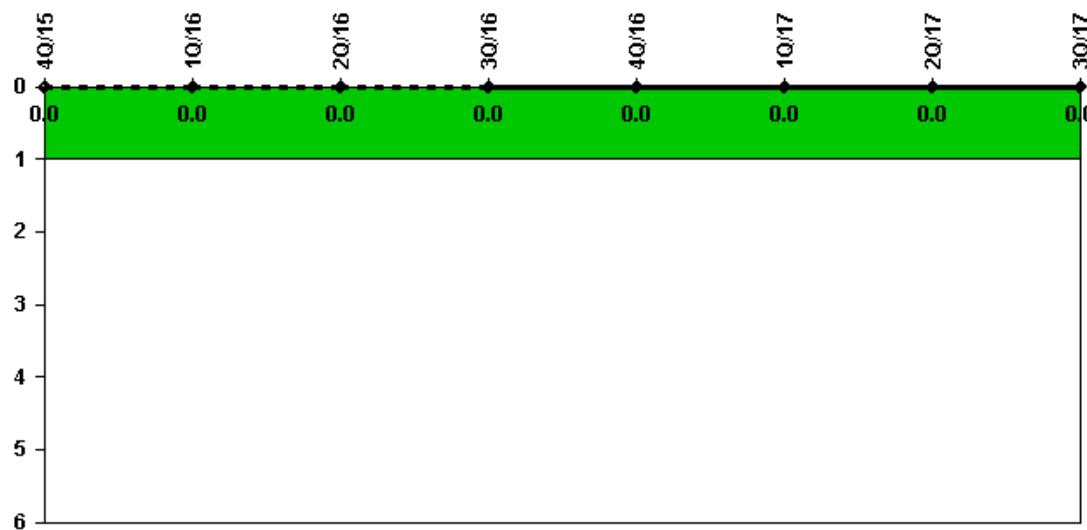
Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	1875.2	1810.6	2208.0	2209.0	2159.0	2184.0	2020.1

Indicator value 0 0 0 0 0 0 0 0



Licensee Comments: none



Thresholds: White > 1.0

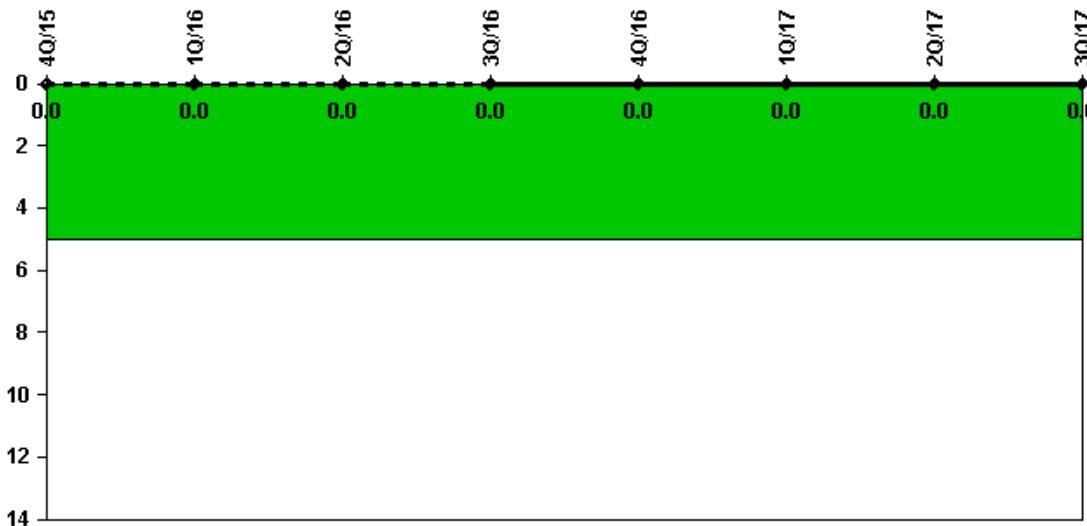
Notes

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0



Licensee Comments: none

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

Notes

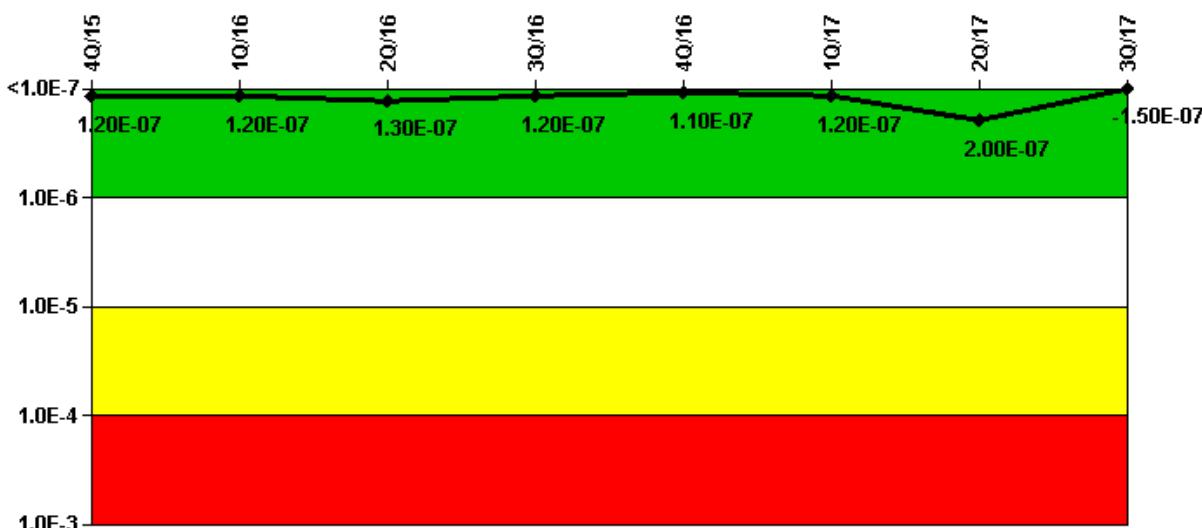
Safety System Functional Failures (PWR) 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17
Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

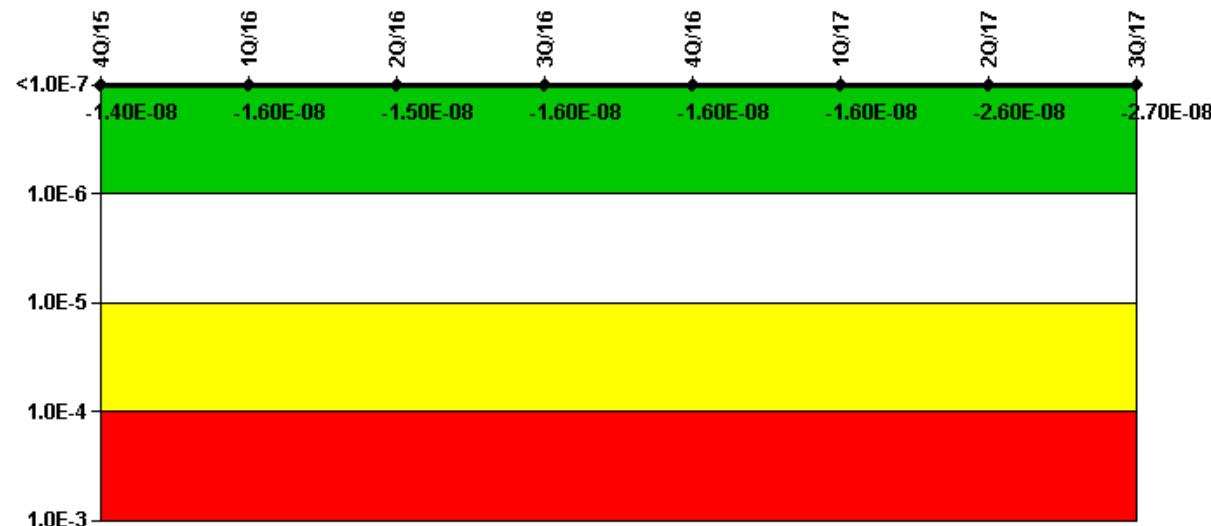
Notes**Mitigating Systems Performance Index, Emergency AC**

Power System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	1.54E-08	2.13E-08	2.54E-08	1.87E-08	1.24E-08	1.90E-08	1.00E-08	-1.10E-08
URI (Δ CDF)	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.91E-07	-1.42E-07
PLE	NO							
Indicator value	1.20E-07	1.20E-07	1.30E-07	1.20E-07	1.10E-07	1.20E-07	2.00E-07	-1.50E-07

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

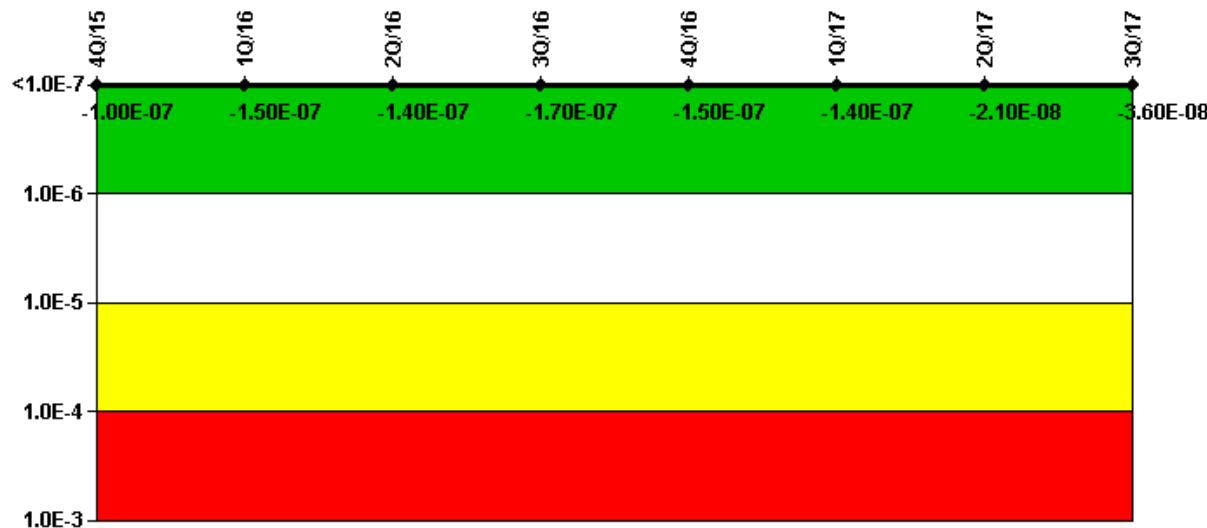
Notes**Mitigating Systems Performance Index, High**

Pressure Injection System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-3.16E-09	-4.38E-09	-4.05E-09	-4.52E-09	-4.46E-09	-4.46E-09	-1.88E-08	-1.99E-08
URI (Δ CDF)	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-7.21E-09	-7.22E-09
PLE	NO							
Indicator value	-1.40E-08	-1.60E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08	-2.60E-08	-2.70E-08

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes**Mitigating Systems Performance Index, Heat Removal System**

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	4.94E-08	2.03E-09	1.63E-08	-1.32E-08	-1.54E-11	1.30E-08	3.91E-08	2.56E-08
URI (Δ CDF)	-1.52E-07	-1.53E-07	-1.53E-07	-1.53E-07	-1.53E-07	-1.53E-07	-6.05E-08	-6.15E-08
PLE	NO							
Indicator value	-1.00E-07	-1.50E-07	-1.40E-07	-1.70E-07	-1.50E-07	-1.40E-07	-2.10E-08	-3.60E-08

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

1Q/17: Changed PRA Parameter(s).

4Q/16: Changed PRA Parameter(s).

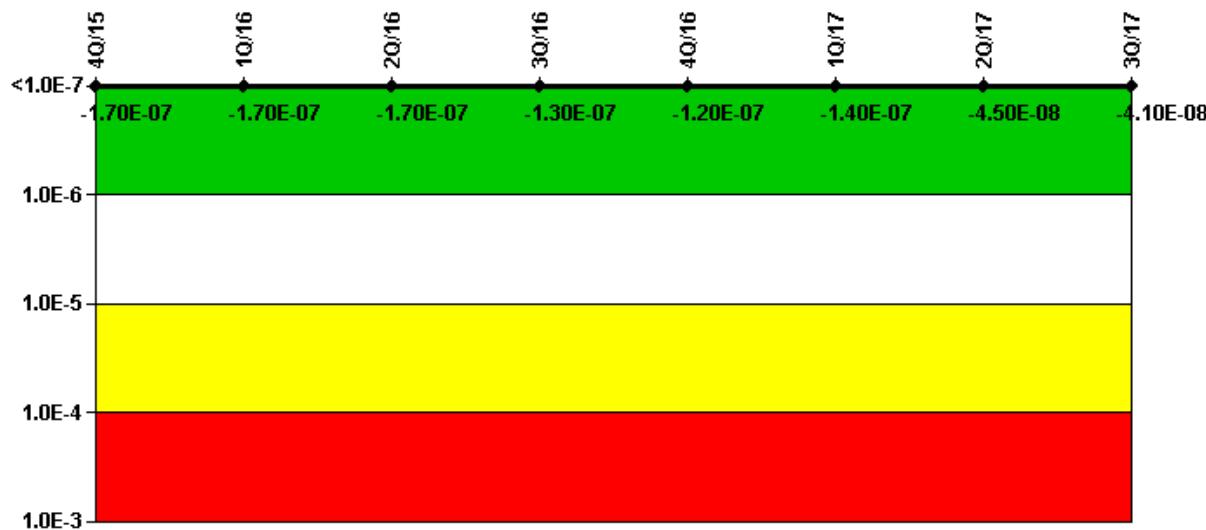
3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s).

1Q/16: Changed PRA Parameter(s).

4Q/15: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System

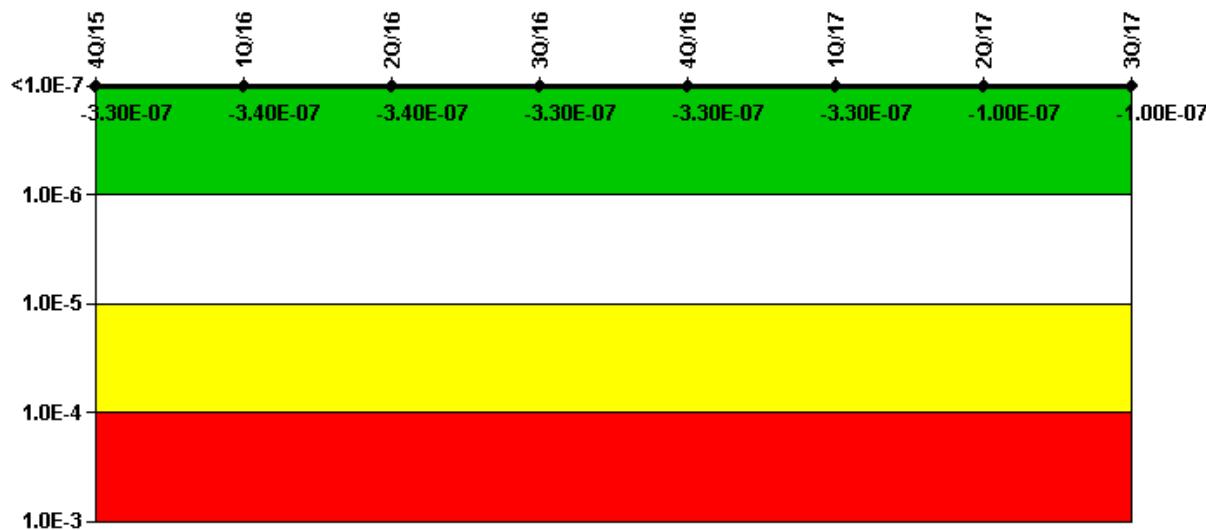
	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	-3.28E-08	-3.28E-08	-3.28E-08	4.52E-09	1.08E-08	-5.69E-09	-3.78E-09	-6.56E-11
URI (Δ CDF)	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-4.10E-08	-4.10E-08
PLE	NO							
Indicator value	-1.70E-07	-1.70E-07	-1.70E-07	-1.30E-07	-1.20E-07	-1.40E-07	-4.50E-08	-4.10E-08

▲ TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling

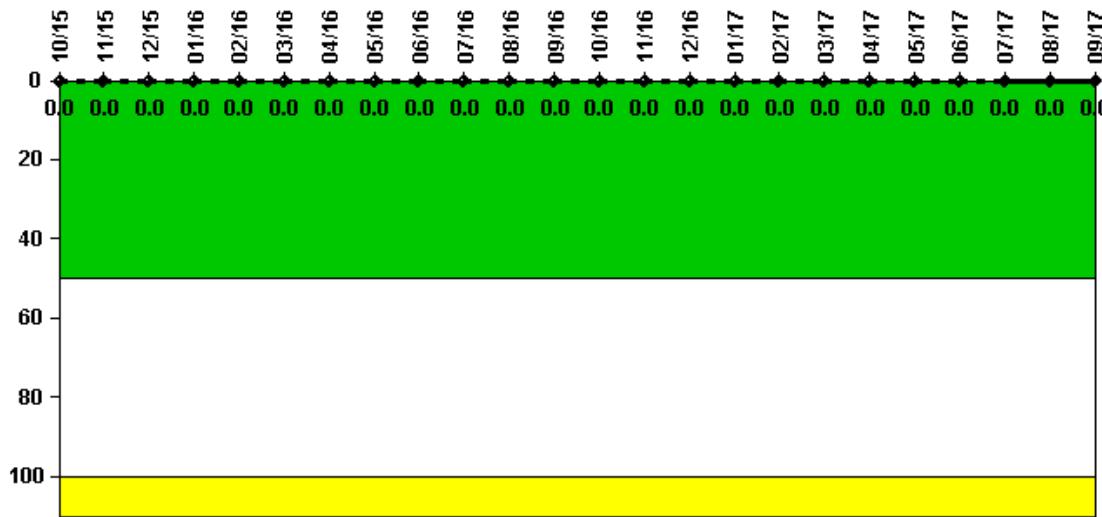
Water Systems

	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
UAI (Δ CDF)	7.82E-08	7.77E-08	7.71E-08	7.90E-08	7.85E-08	7.85E-08	2.69E-08	2.90E-08
URI (Δ CDF)	-4.13E-07	-4.13E-07	-4.13E-07	-4.13E-07	-4.13E-07	-4.13E-07	-1.28E-07	-1.32E-07
PLE	NO							
Indicator value	-3.30E-07	-3.40E-07	-3.40E-07	-3.30E-07	-3.30E-07	-3.30E-07	-1.00E-07	-1.00E-07

▲ TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Reactor Coolant System Activity

Thresholds: White > 50.0 Yellow > 100.0

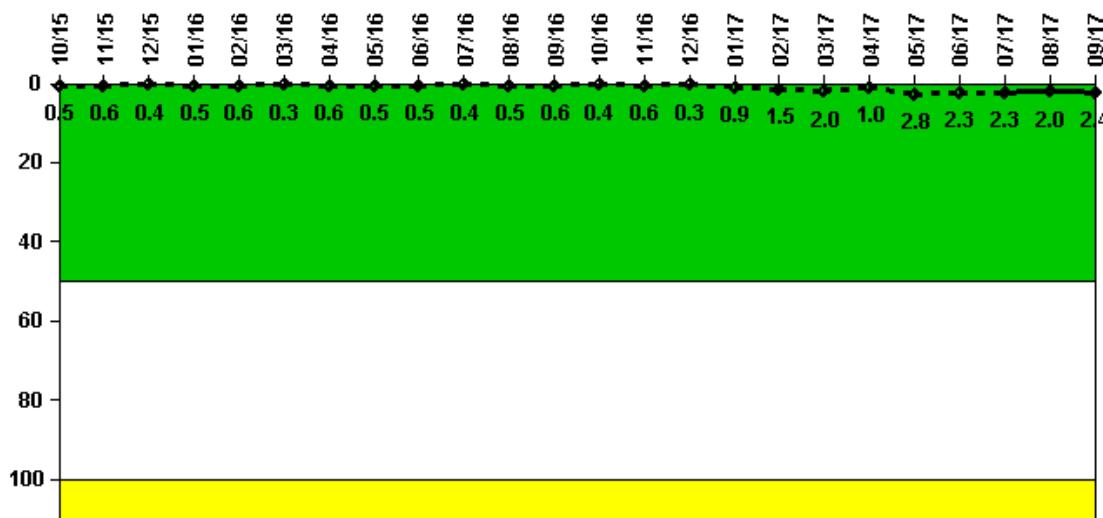
Notes

Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000132	0.000162	0.000163	0.000167	0.000172	0.000158	0.000074	0.000108	0.000100	0.000125	0.000110	0.000117
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	10/16	11/16	12/16	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17
Maximum activity	0.000123	0.000125	0.000150	0.000191	0.000169	0.000148	0.000153	0.000152	0.000153	0.000159	0.000310	0.000178
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

TOP

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage 10/15 11/15 12/15 1/16 2/16 3/16 4/16 5/16 6/16 7/16 8/16 9/16

Maximum leakage 0.051 0.059 0.036 0.051 0.057 0.025 0.055 0.047 0.052 0.042 0.053 0.055

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.5 0.6 0.4 0.5 0.6 0.3 0.6 0.5 0.5 0.4 0.5 0.6

Reactor Coolant System Leakage 10/16 11/16 12/16 1/17 2/17 3/17 4/17 5/17 6/17 7/17 8/17 9/17

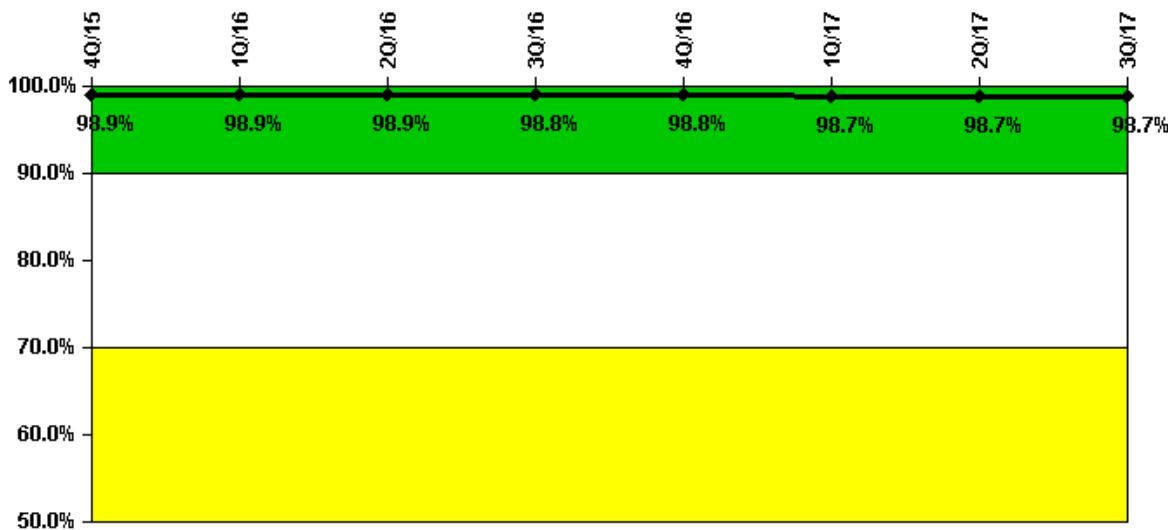
Maximum leakage 0.037 0.064 0.029 0.085 0.151 0.198 0.104 0.279 0.225 0.226 0.197 0.242

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.4 0.6 0.3 0.9 1.5 2.0 1.0 2.8 2.3 2.3 2.0 2.4

 TOP

Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful opportunities	34.0	21.0	39.0	23.0	18.0	12.0	32.0	46.0
Total opportunities	34.0	23.0	39.0	24.0	18.0	12.0	32.0	46.0

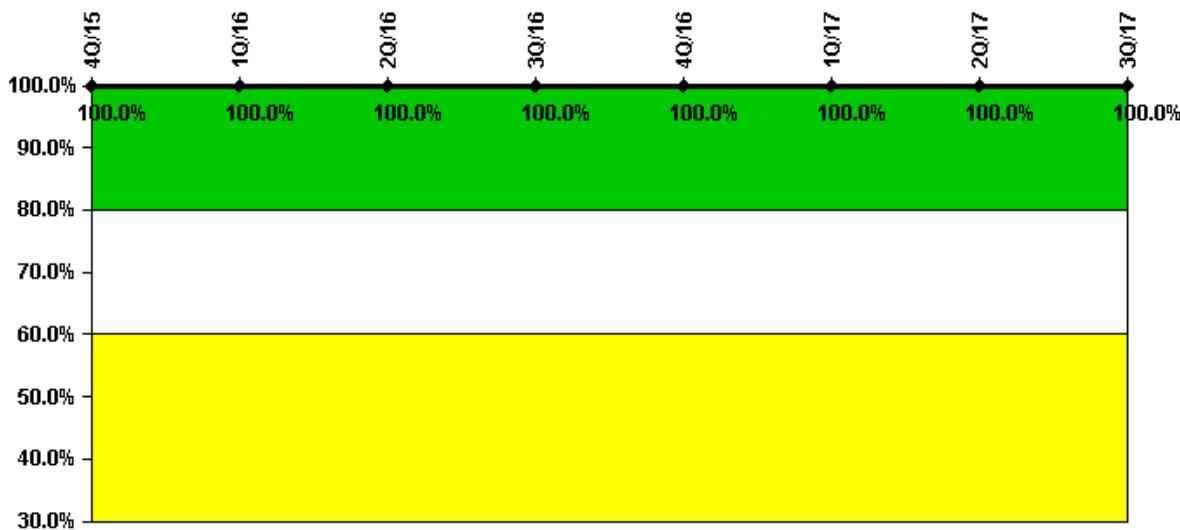
Indicator value **98.9% 98.9% 98.9% 98.8% 98.8% 98.7% 98.7% 98.7%**

TOP

Licensee Comments:

3Q/16: In 2017Q2, an error to the Drill/Exercise Performance indicator for 2016Q3 was identified. One opportunity/success was not previously accounted for but has since been corrected. This error did not affect the indicator color.

ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

Notes

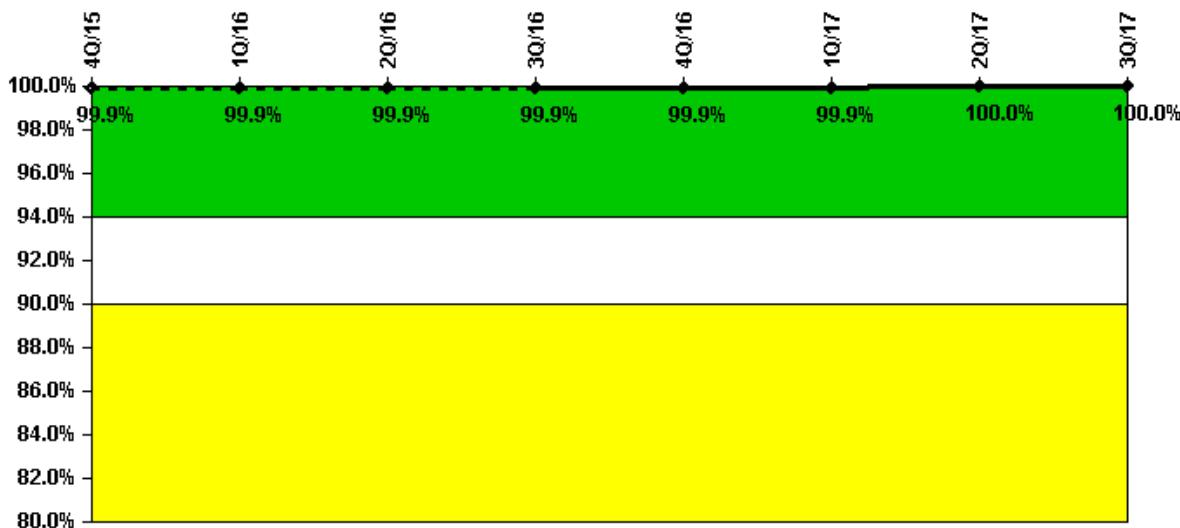
ERO Drill Participation	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Participating Key personnel	162.0	164.0	167.0	172.0	168.0	173.0	172.0	170.0
Total Key personnel	162.0	164.0	167.0	172.0	168.0	173.0	172.0	170.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

TOP

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

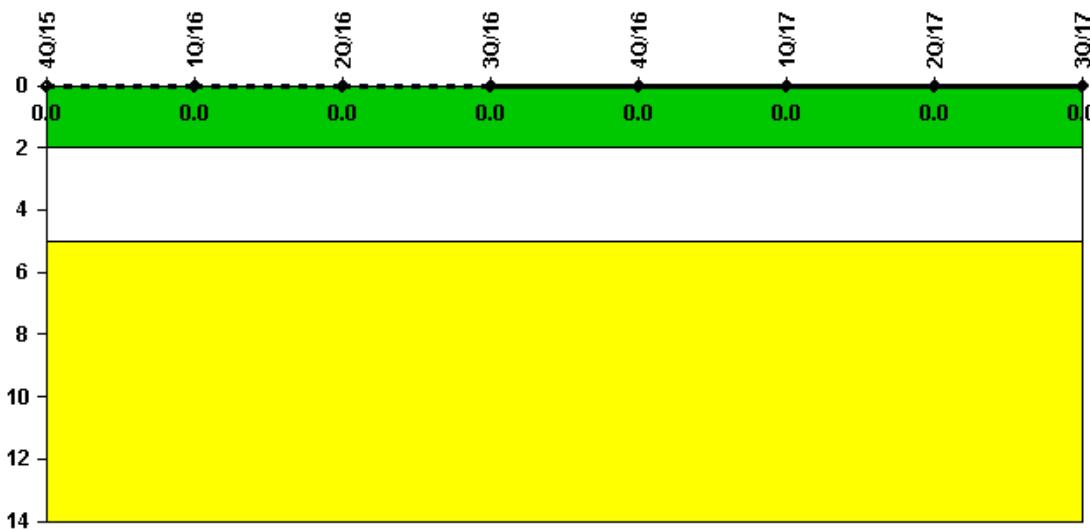
Notes

Alert & Notification System	4Q/15	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17
Successful siren-tests	1874	1807	1806	1807	1793	1791	1808	1809
Total sirens-tests	1876	1809	1809	1809	1793	1792	1808	1809

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 99.9% 100.0% 100.0%

TOP

Licensee Comments: none

Occupational Exposure Control Effectiveness

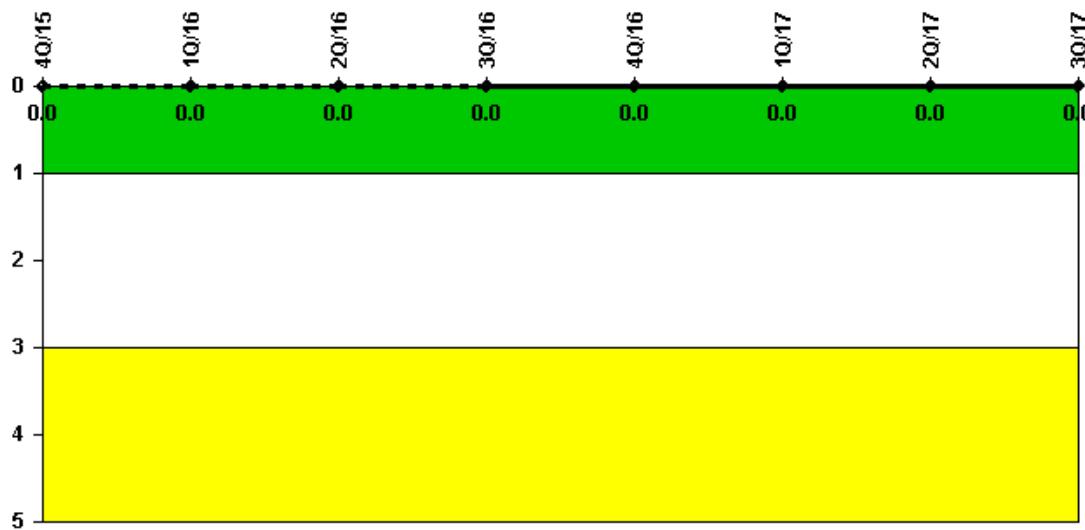
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness** 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17

High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

▲ TOP

Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 4Q/15 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17
RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: October 31, 2017

Page Last Reviewed/Updated Monday, November 06, 2017



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Plant Summaries > McGuire 1 > Quarterly Performance Indicators

McGuire 1 – Quarterly Performance Indicators

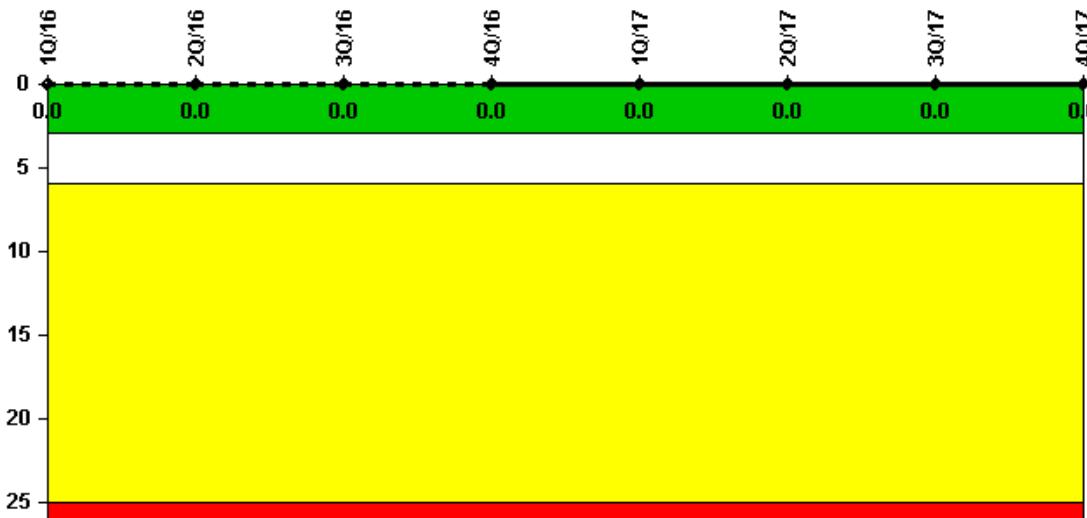
4Q/2017 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: McGuire, Unit 1, 2017Q4, PI Data

On this page:

- Unplanned Scrams (IE01)
- Unplanned Power Changes per 7000 Critical Hours (IE03)
- Unplanned Scrams with Complications (IE04)
- Safety System Functional Failures (MS05)
- Emergency AC Power Systems (MS06)
- High Pressure Injection Systems (MS07)
- Heat Removal Systems (MS08)
- Residual Heat Removal Systems (MS09)
- Cooling Water Systems (MS10)
- Reactor Coolant System Activity (BI01)
- Reactor Coolant System Leakage (BI02)
- Drill/Exercise Performance (EP01)
- Emergency Response Organization Drill Participation (EP02)
- Alert and Notification System Reliability (EP03)
- Occupational Exposure Control Effectiveness (OR01)
- RETS/OCDM Radiological Effluent Occurrence (PR01)
- Protected Area Equipment (PP01)

Unplanned Scrams per 7000 Critical Hrs

Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

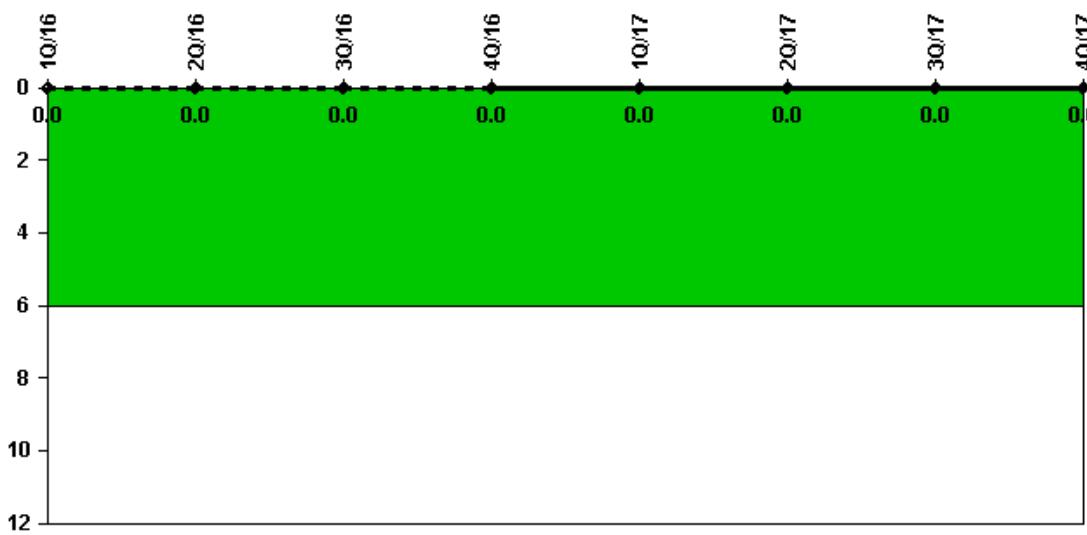
Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned scrams	0	0	0	0	0	0	0	0
Critical hours	1875.2	1810.6	2208.0	2209.0	2159.0	2184.0	2020.1	1846.0

Indicator value	0	0	0	0	0	0	0	0

▲ TOP

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs

Thresholds: White > 6.0

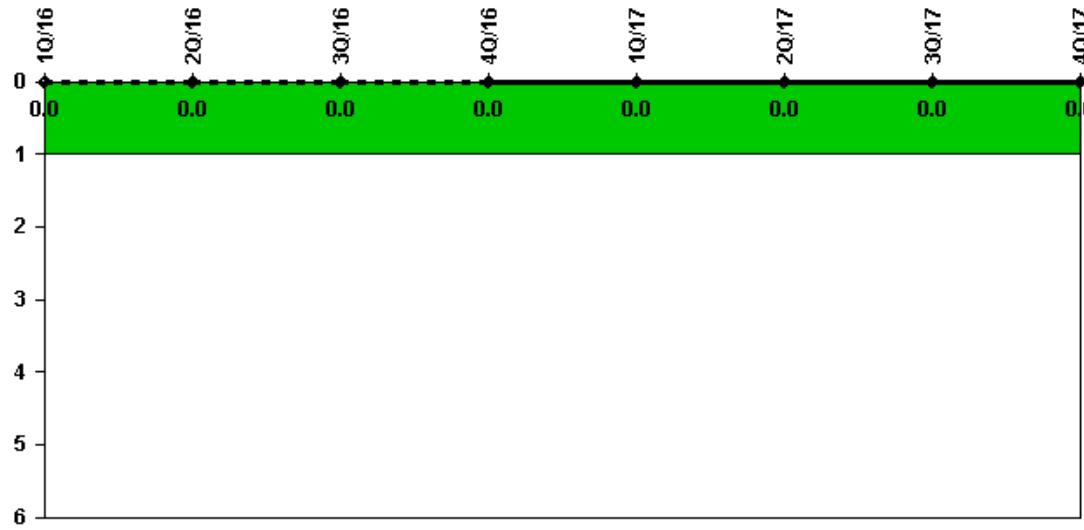
Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1875.2	1810.6	2208.0	2209.0	2159.0	2184.0	2020.1	1846.0

Indicator value **0** **0** **0** **0** **0** **0** **0** **0**



Licensee Comments: none



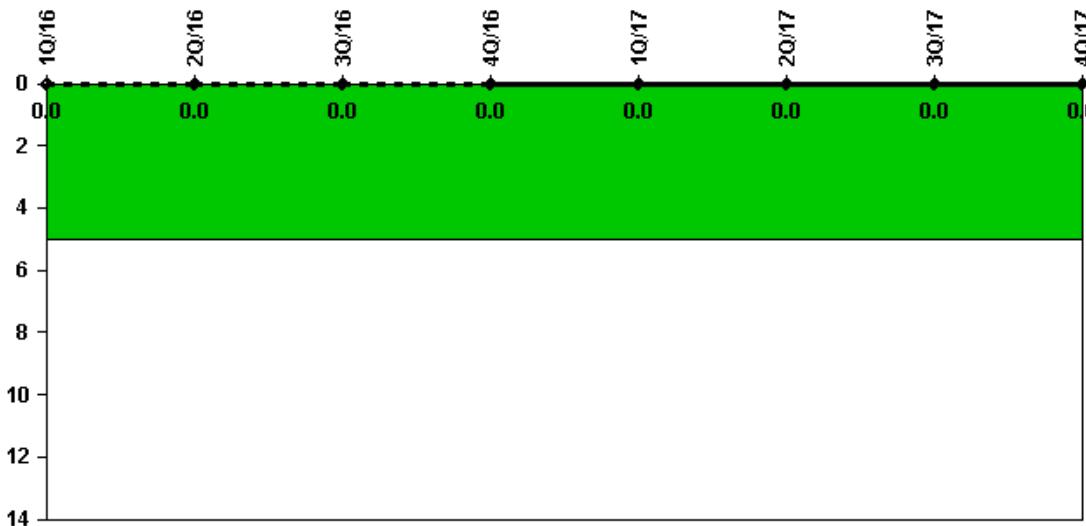
Thresholds: White > 1.0

Notes

Indicator value 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0 0.0



Licensee Comments: none

Safety System Functional Failures (PWR)

Thresholds: White > 5.0

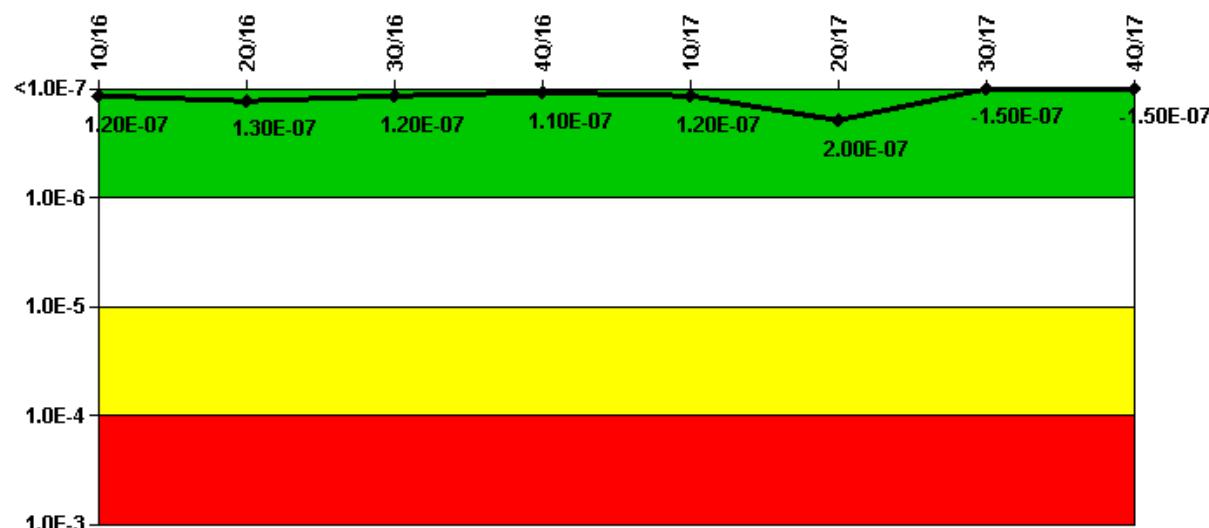
Notes

Safety System Functional Failures (PWR) 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17
Safety System Functional Failures 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

▲ TOP

Licensee Comments: none

Mitigating Systems Performance Index, Emergency AC Power System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

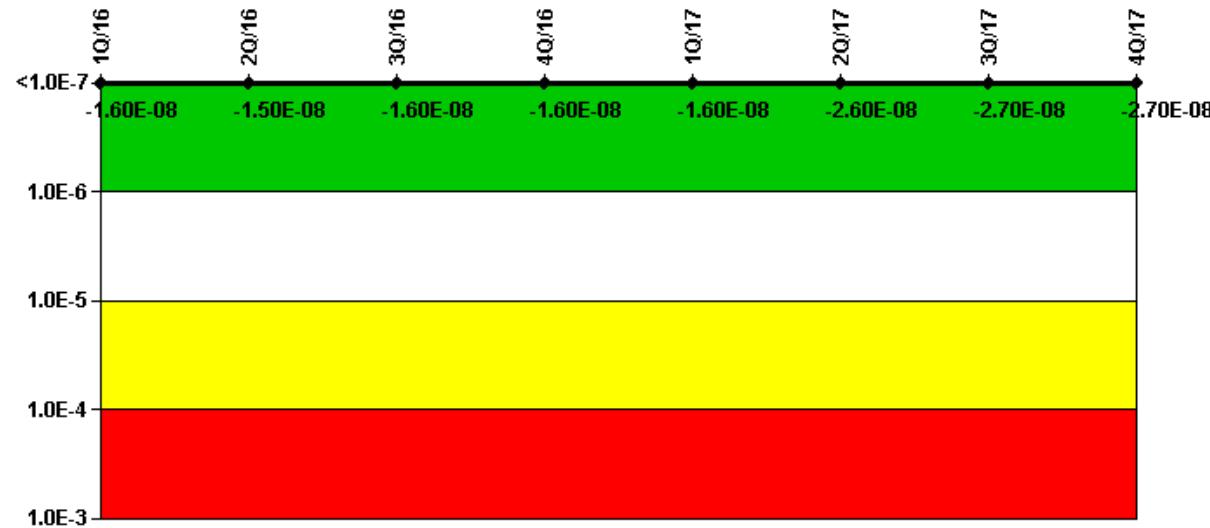
Notes**Mitigating Systems Performance Index, Emergency****AC Power System**

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	2.13E-08	2.54E-08	1.87E-08	1.24E-08	1.90E-08	1.00E-08	-1.10E-08	-1.22E-08
URI (Δ CDF)	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.02E-07	1.91E-07	-1.42E-07	-1.42E-07
PLE	NO	NO						
Indicator value	1.20E-07	1.30E-07	1.20E-07	1.10E-07	1.20E-07	2.00E-07	-1.50E-07	-1.50E-07

 TOP

Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, High Pressure Injection System

Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes**Mitigating Systems Performance Index, High****Pressure Injection System**

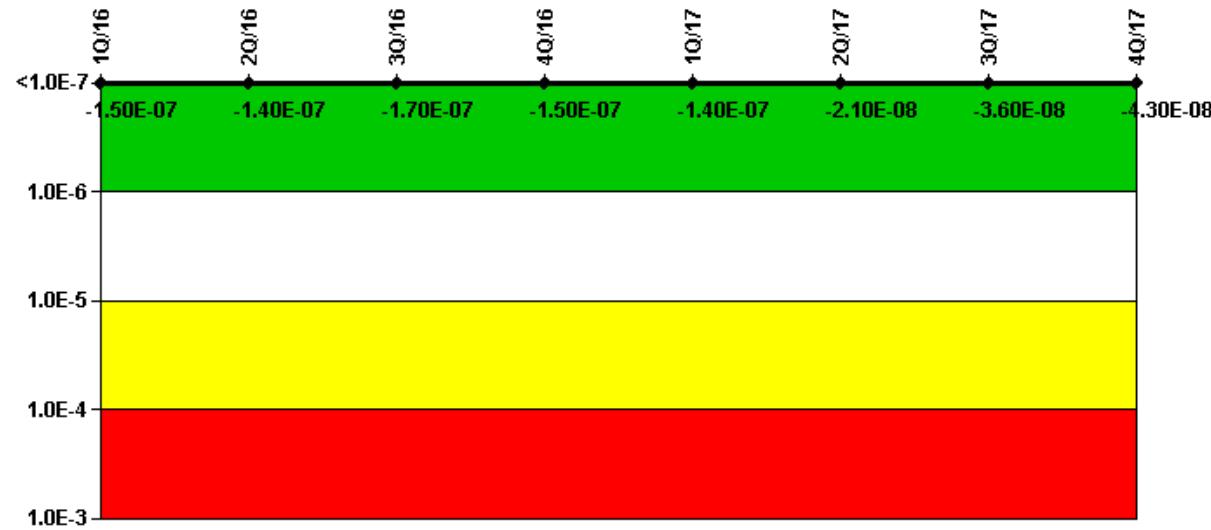
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	-4.38E-09	-4.05E-09	-4.52E-09	-4.46E-09	-4.46E-09	-1.88E-08	-1.99E-08	-1.99E-08
URI (Δ CDF)	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-1.11E-08	-7.21E-09	-7.22E-09	-7.23E-09
PLE	NO							
Indicator value	-1.60E-08	-1.50E-08	-1.60E-08	-1.60E-08	-1.60E-08	-2.60E-08	-2.70E-08	-2.70E-08

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Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Heat Removal System

	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	2.03E-09	1.63E-08	08	-1.32E-08	-1.54E-08	1.30E-08	3.91E-08	2.56E-08
URI (Δ CDF)	-1.53E-07	-1.53E-07	-1.53E-07	-1.53E-07	-1.53E-07	-6.05E-08	-6.15E-08	-6.24E-08
PLE	NO							
Indicator value	-1.50E-07	-1.40E-07	-1.70E-07	-1.50E-07	-1.40E-07	-2.10E-08	-3.60E-08	-4.30E-08

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Licensee Comments:

2Q/17: Changed PRA Parameter(s).

1Q/17: Changed PRA Parameter(s).

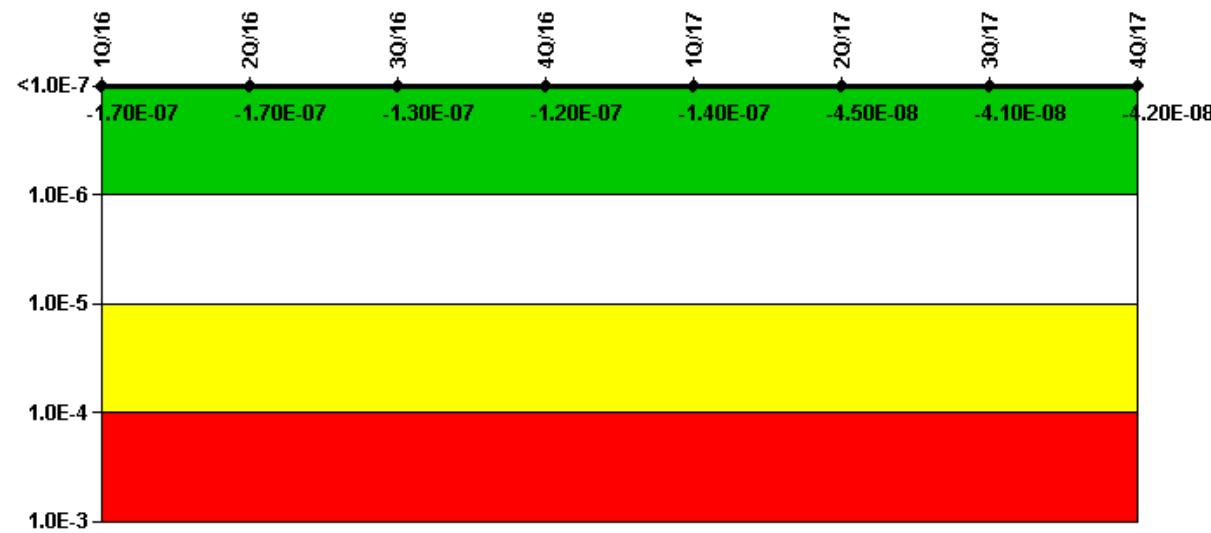
4Q/16: Changed PRA Parameter(s).

3Q/16: Changed PRA Parameter(s).

2Q/16: Changed PRA Parameter(s).

1Q/16: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Residual Heat Removal System



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Residual Heat Removal System

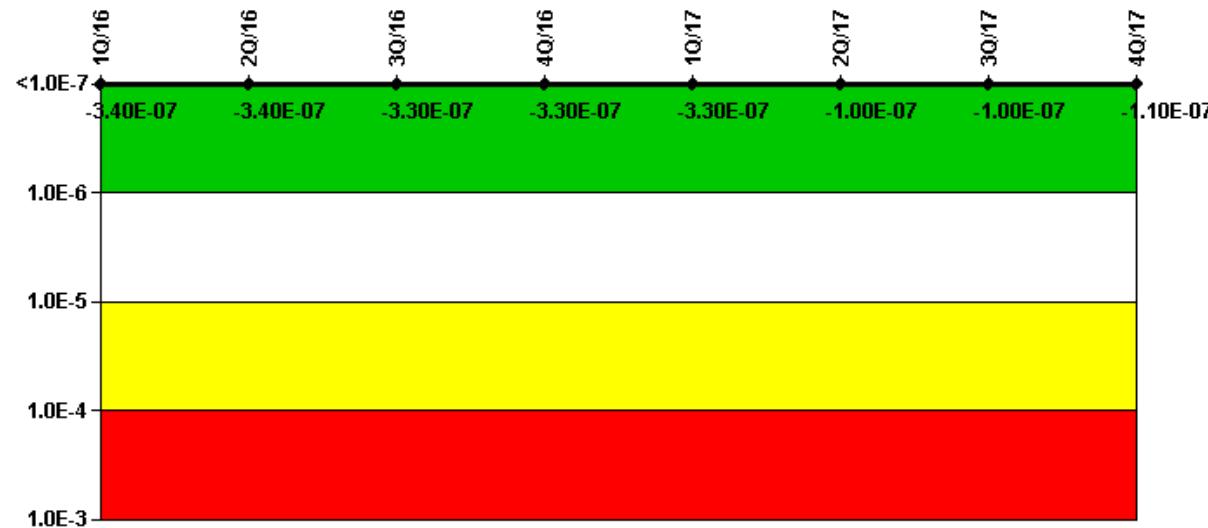
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	-3.28E-08	-3.28E-08	4.52E-09	1.08E-08	-5.69E-09	-3.78E-09	-6.56E-11	-6.73E-10
URI (Δ CDF)	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-1.35E-07	-4.10E-07	-4.10E-08	-4.10E-08
PLE	NO							
Indicator value	-1.70E-07	-1.70E-07	-1.30E-07	-1.20E-07	-1.40E-07	-4.50E-08	-4.10E-08	-4.20E-08

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Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Mitigating Systems Performance Index, Cooling Water Systems



Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

Mitigating Systems Performance Index, Cooling

Water Systems

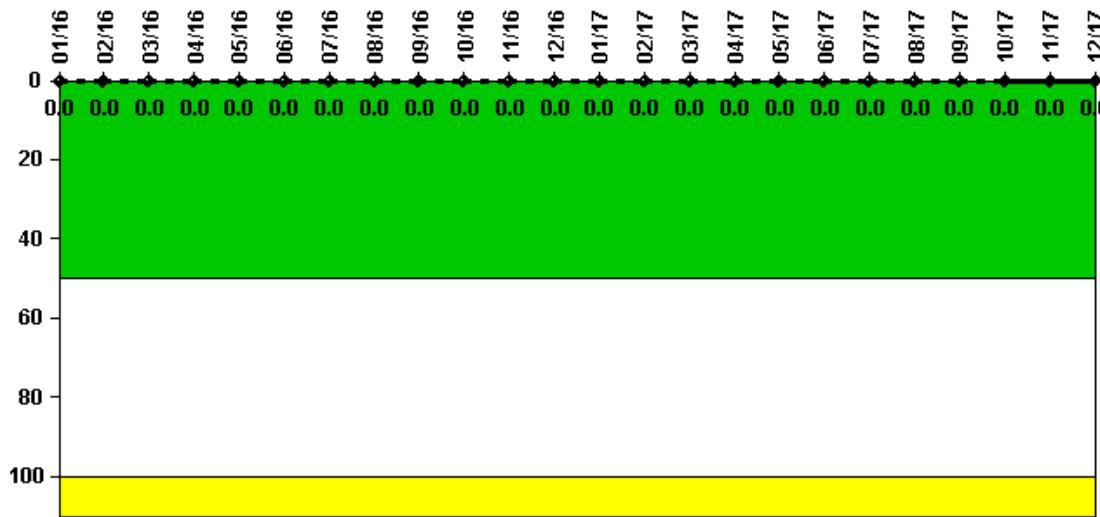
	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
UAI (Δ CDF)	7.77E-08	7.71E-08	7.90E-08	7.85E-08	7.85E-08	2.69E-08	2.90E-08	3.02E-08
URI (Δ CDF)	-4.13E-07	-4.13E-07	-4.13E-07	-4.13E-07	-4.13E-07	-1.28E-07	-1.32E-07	-1.36E-07
PLE	NO							
Indicator value	-3.40E-07	-3.40E-07	-3.30E-07	-3.30E-07	-3.30E-07	-1.00E-07	-1.00E-07	-1.10E-07

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Licensee Comments:

2Q/17: Changed PRA Parameter(s).

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Activity	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16	10/16	11/16	12/16
Maximum activity	0.000167	0.000172	0.000158	0.000074	0.000108	0.000100	0.000125	0.000110	0.000117	0.000123	0.000125	0.000150
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0

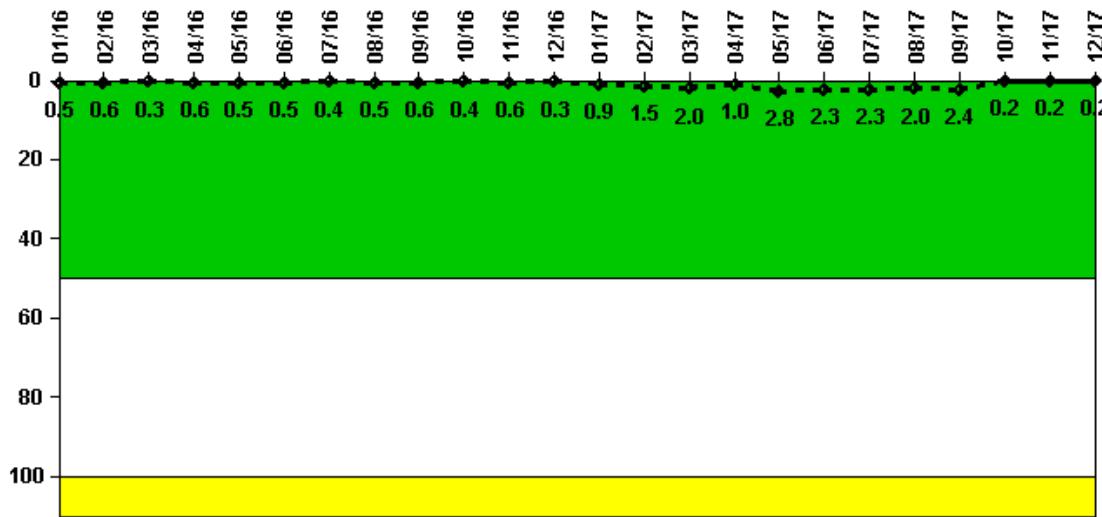
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Reactor Coolant System Activity	1/17	2/17	3/17	4/17	5/17	6/17	7/17	8/17	9/17	10/17	11/17	12/17
Maximum activity	0.000191	0.000169	0.000148	0.000153	0.000152	0.000153	0.000159	0.000310	0.000178	0.000112	0.000099	0.000091

Technical specification limit

Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0



Licensee Comments: none

Reactor Coolant System Leakage

Thresholds: White > 50.0 Yellow > 100.0

Notes

Reactor Coolant System Leakage 1/16 2/16 3/16 4/16 5/16 6/16 7/16 8/16 9/16 10/16 11/16 12/16

Maximum leakage 0.051 0.057 0.025 0.055 0.047 0.052 0.042 0.053 0.055 0.037 0.064 0.029

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.5 0.6 0.3 0.6 0.5 0.5 0.4 0.5 0.6 0.4 0.6 0.3

Reactor Coolant System Leakage 1/17 2/17 3/17 4/17 5/17 6/17 7/17 8/17 9/17 10/17 11/17 12/17

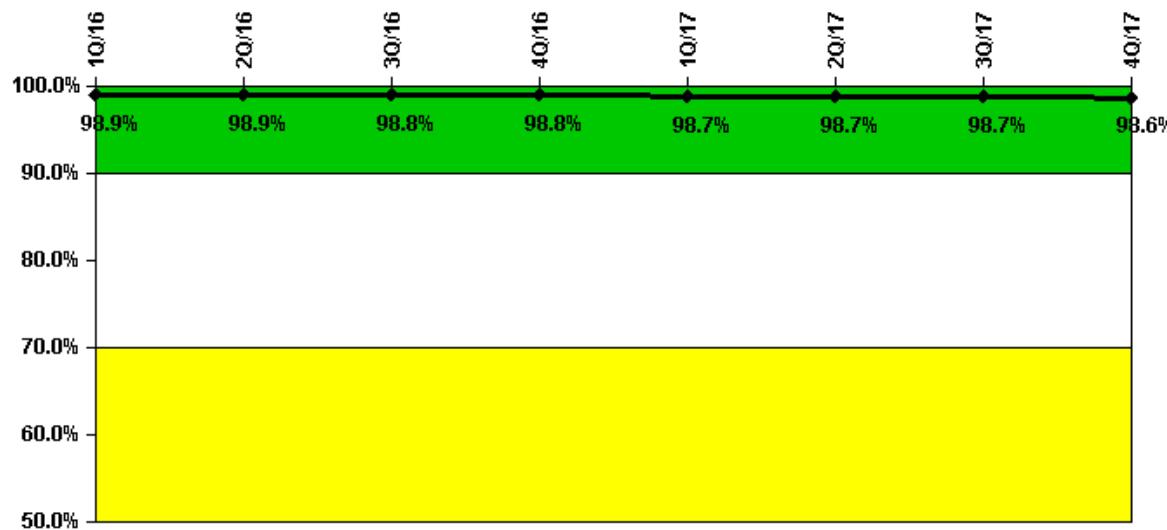
Maximum leakage 0.085 0.151 0.198 0.104 0.279 0.225 0.226 0.197 0.242 0.024 0.017 0.019

Technical specification limit 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0 10.0

Indicator value 0.9 1.5 2.0 1.0 2.8 2.3 2.3 2.0 2.4 0.2 0.2 0.2

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Licensee Comments: none

Drill/Exercise Performance

Thresholds: White < 90.0% Yellow < 70.0%

Notes

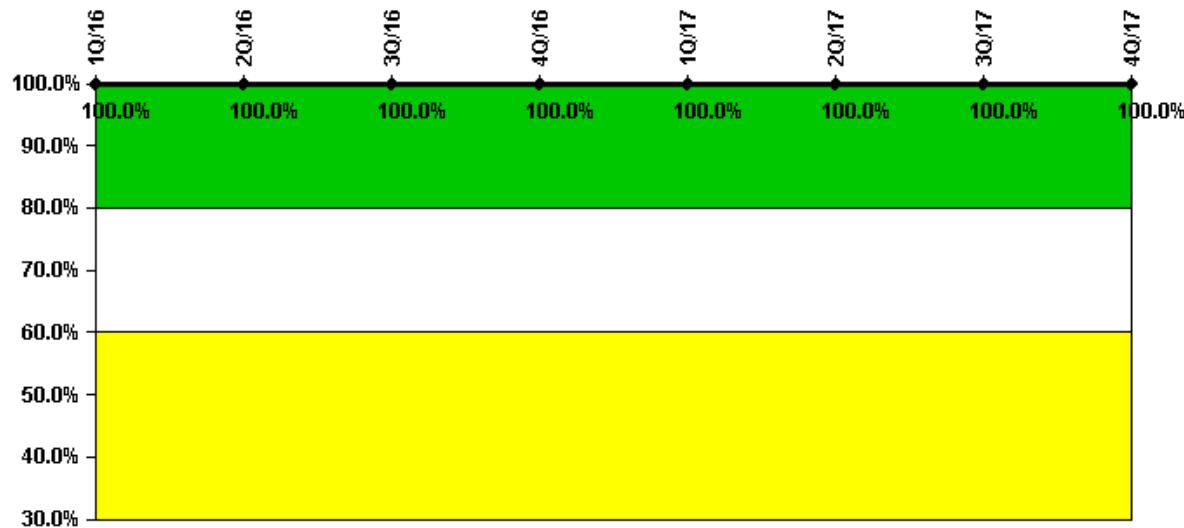
Drill/Exercise Performance	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful opportunities	21.0	39.0	23.0	18.0	12.0	32.0	46.0	24.0
Total opportunities	23.0	39.0	24.0	18.0	12.0	32.0	46.0	24.0

Indicator value **98.9% 98.9% 98.8% 98.8% 98.7% 98.7% 98.7% 98.6%**

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Licensee Comments:

3Q/16: In 2017Q2, an error to the Drill/Exercise Performance indicator for 2016Q3 was identified. One opportunity/success was not previously accounted for but has since been corrected. This error did not affect the indicator color.

ERO Drill Participation

Thresholds: White < 80.0% Yellow < 60.0%

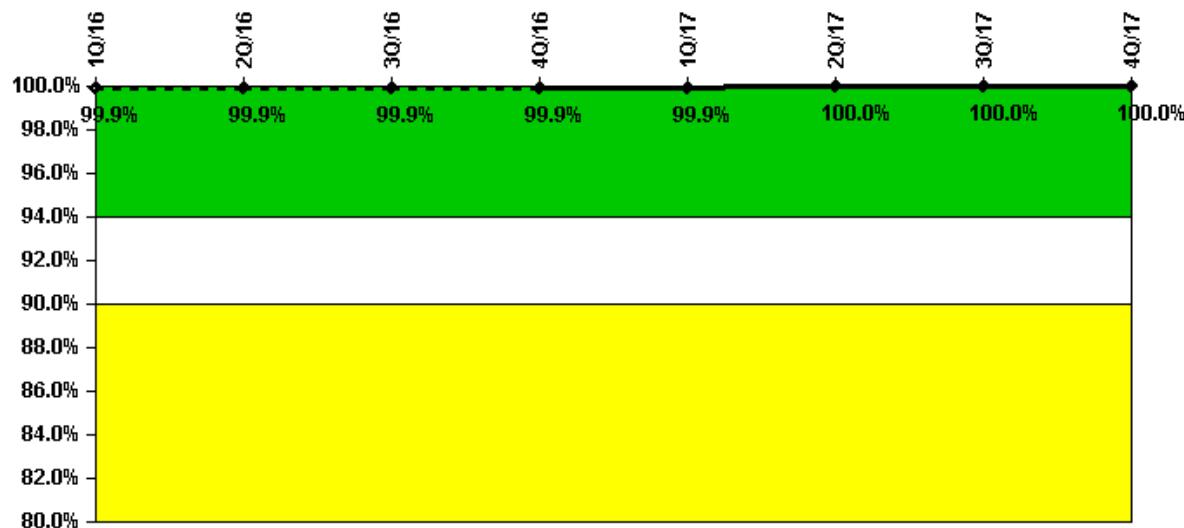
Notes

ERO Drill Participation	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Participating Key personnel	164.0	167.0	172.0	168.0	173.0	172.0	170.0	170.0
Total Key personnel	164.0	167.0	172.0	168.0	173.0	172.0	170.0	170.0

Indicator value 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0% 100.0%

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Licensee Comments: none

Alert & Notification System

Thresholds: White < 94.0% Yellow < 90.0%

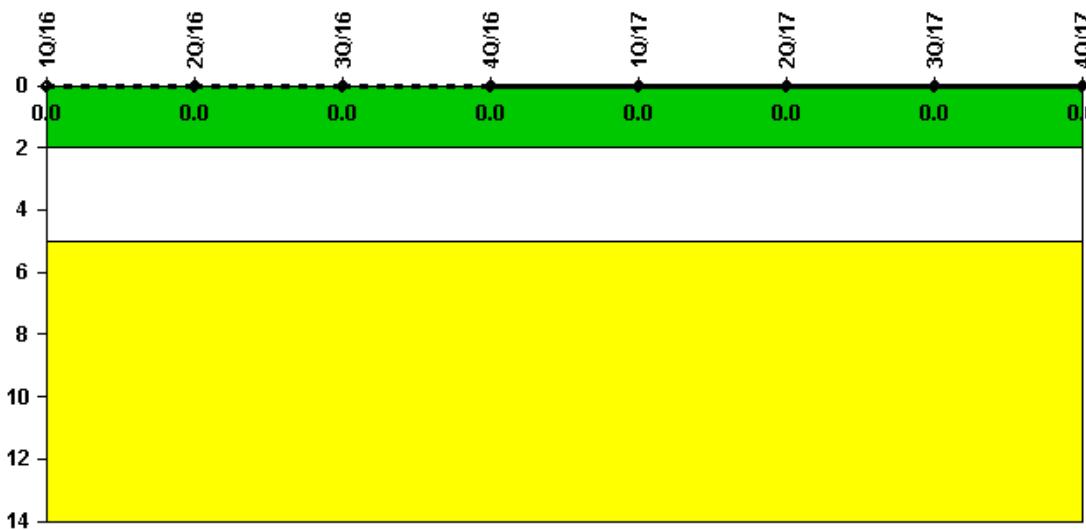
Notes

Alert & Notification System	1Q/16	2Q/16	3Q/16	4Q/16	1Q/17	2Q/17	3Q/17	4Q/17
Successful siren-tests	1807	1806	1807	1793	1791	1808	1809	1808
Total sirens-tests	1809	1809	1809	1793	1792	1808	1809	1809

Indicator value 99.9% 99.9% 99.9% 99.9% 99.9% 100.0% 100.0% 100.0%

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Licensee Comments: none

Occupational Exposure Control Effectiveness

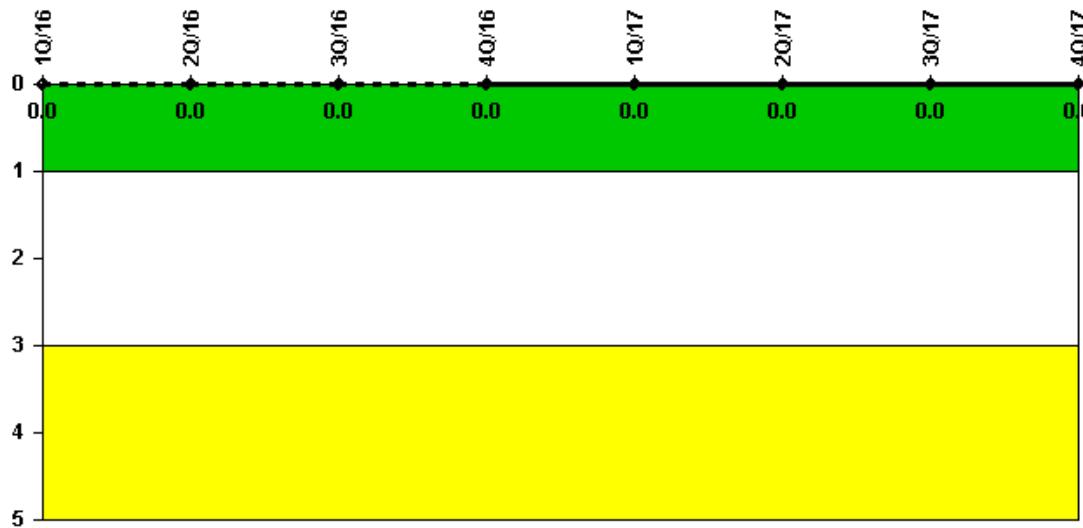
Thresholds: White > 2.0 Yellow > 5.0

Notes**Occupational Exposure Control Effectiveness** 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17

High radiation area occurrences	0	0	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
Indicator value	0							

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Licensee Comments: none

RETS/ODCM Radiological Effluent

Thresholds: White > 1.0 Yellow > 3.0

Notes

RETS/ODCM Radiological Effluent 1Q/16 2Q/16 3Q/16 4Q/16 1Q/17 2Q/17 3Q/17 4Q/17
RETS/ODCM occurrences 0 0 0 0 0 0 0 0

Indicator value 0 0 0 0 0 0 0 0

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Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

Current data as of: February 1, 2018

Page Last Reviewed/Updated Monday, November 06, 2017