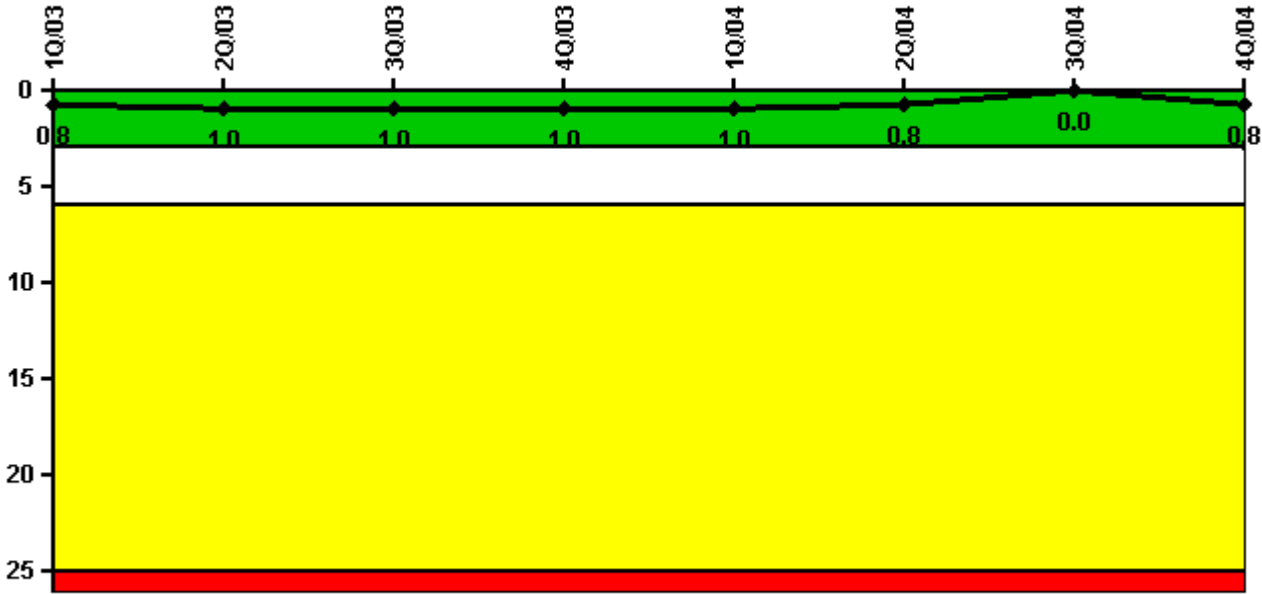


Perry 1

4Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



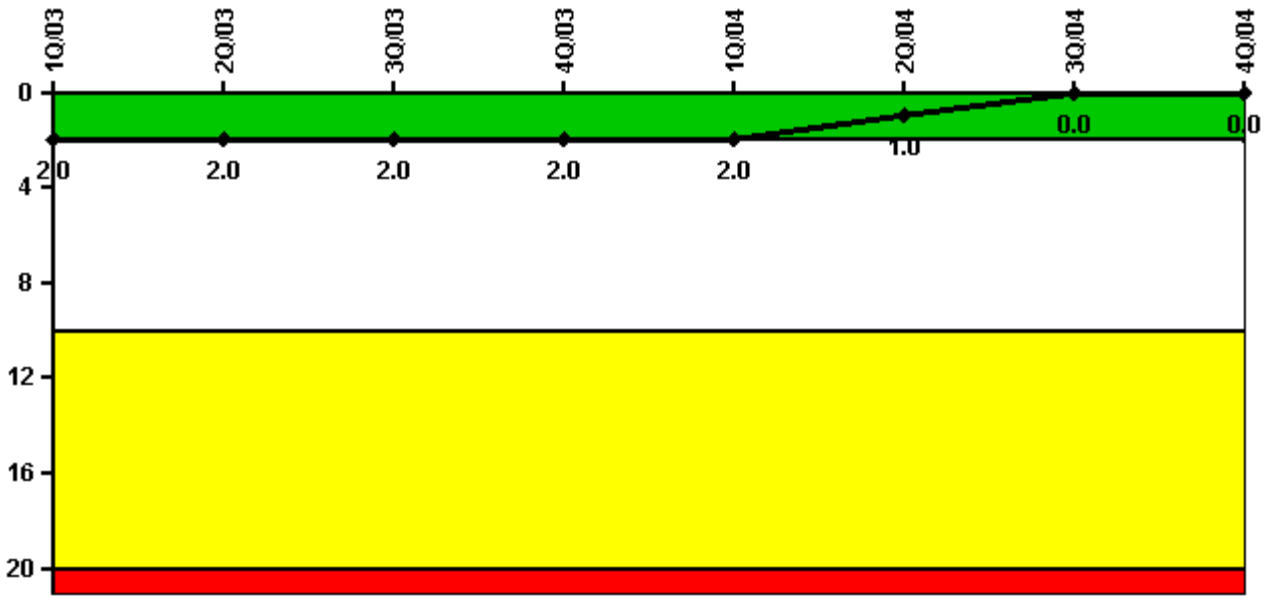
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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	1.0	0	0	0	0	1.0
Critical hours	2160.0	900.6	2071.6	2209.0	2184.0	1880.7	2208.0	2152.0
Indicator value	0.8	1.0	1.0	1.0	1.0	0.8	0	0.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



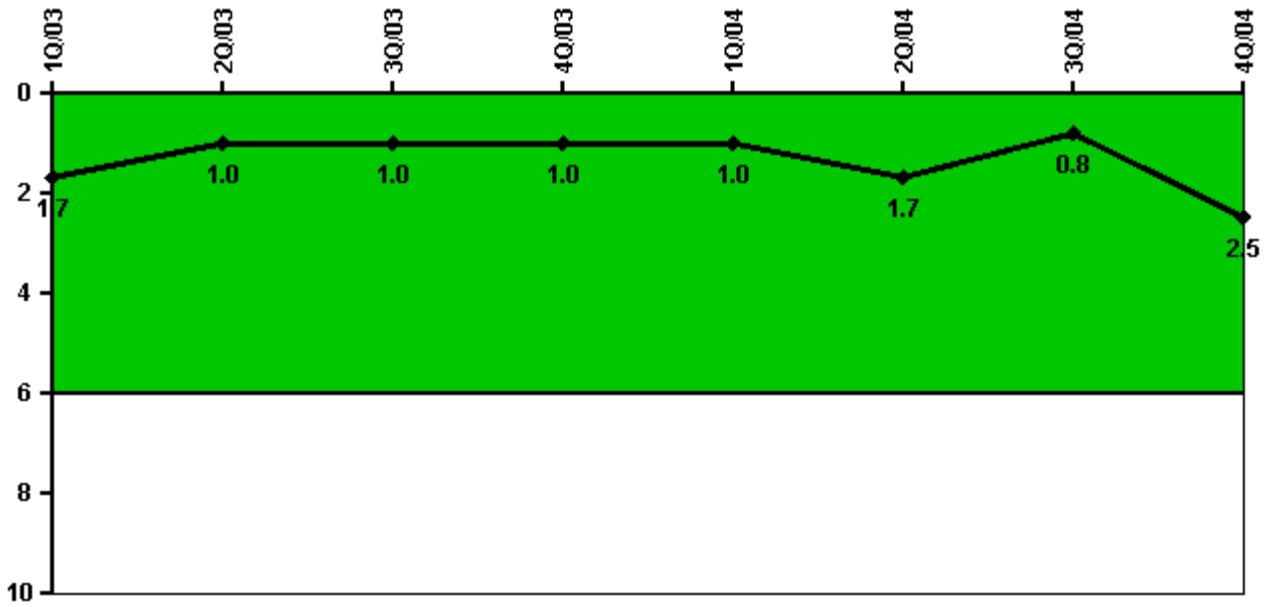
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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	2.0	2.0	2.0	2.0	2.0	1.0	0	0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



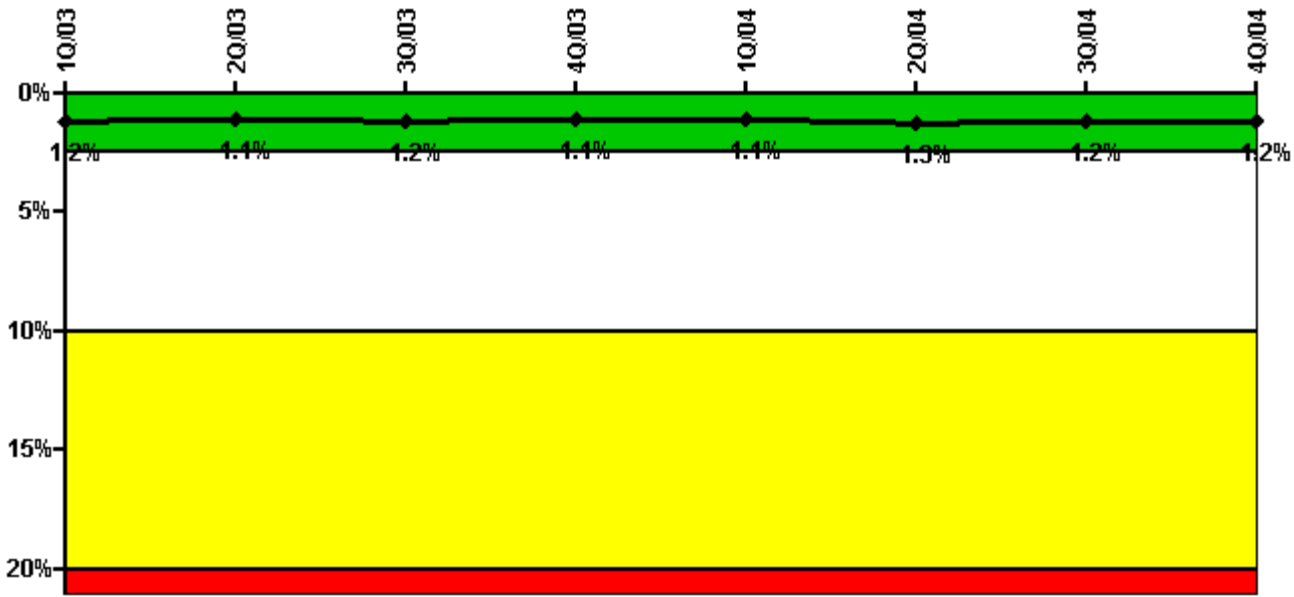
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Unplanned power changes	0	0	1.0	0	0	1.0	0	2.0
Critical hours	2160.0	900.6	2071.6	2209.0	2184.0	1880.7	2208.0	2152.0
Indicator value	1.7	1.0	1.0	1.0	1.0	1.7	0.8	2.5

Licensee Comments: none

Safety System Unavailability, Emergency AC Power, >2EDG



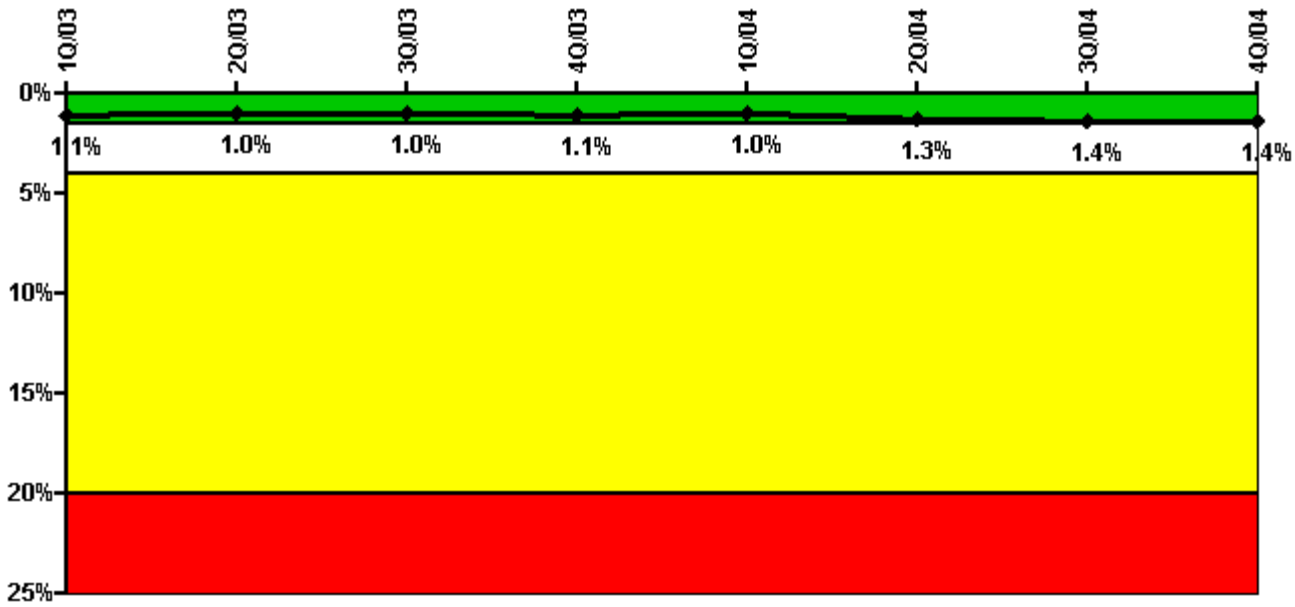
Thresholds: White > 2.5% Yellow > 10.0% Red > 20.0%

Notes

Safety System Unavailability, Emergency AC Power, >2EDG	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	23.02	2.47	6.71	36.21	20.15	6.92	7.98	54.19
Unplanned unavailable hours	0	0	96.17	0	0	52.48	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	6.13	3.84	38.04	9.98	8.57	5.77	30.68	8.83
Unplanned unavailable hours	0.17	0	44.07	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
Train 3								
Planned unavailable hours	30.38	3.65	2.77	29.87	1.33	126.36	8.18	2.36
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	1.2%	1.1%	1.2%	1.1%	1.1%	1.3%	1.2%	1.2%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCS)



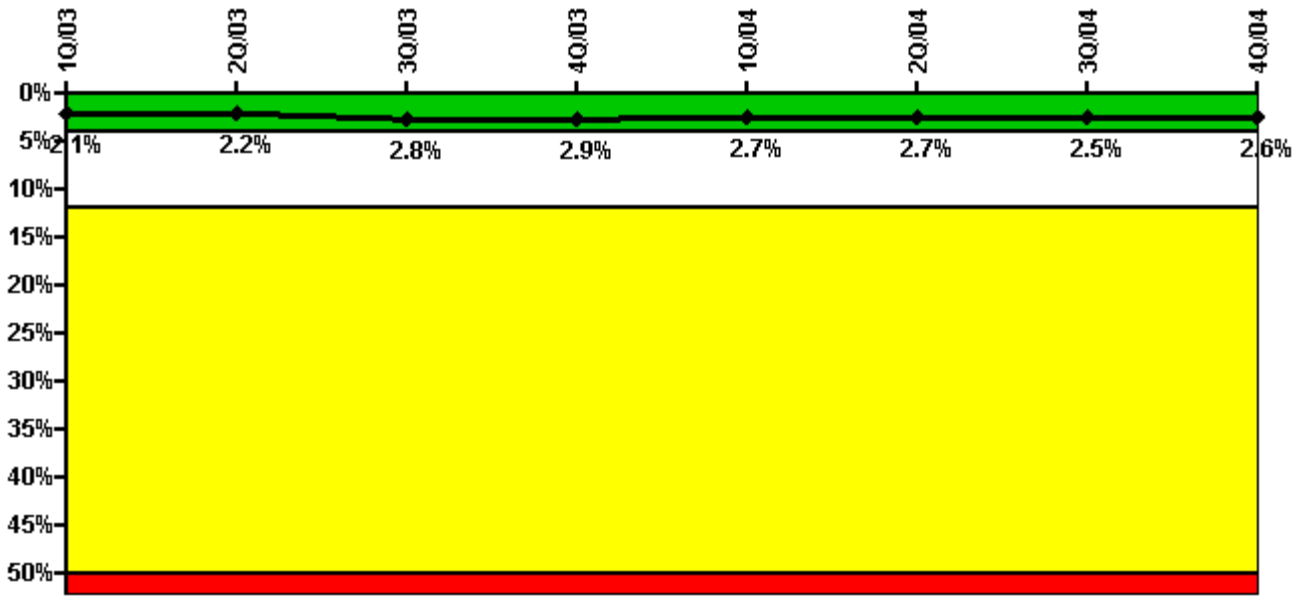
Thresholds: White > 1.5% Yellow > 4.0% Red > 20.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPCS)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	16.83	2.22	3.45	25.14	0.85	108.30	13.53	2.18
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	2160.00	900.60	2071.60	2209.00	2184.00	1880.70	2208.00	2151.98
Indicator value	1.1%	1.0%	1.0%	1.1%	1.0%	1.3%	1.4%	1.4%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (RCIC)



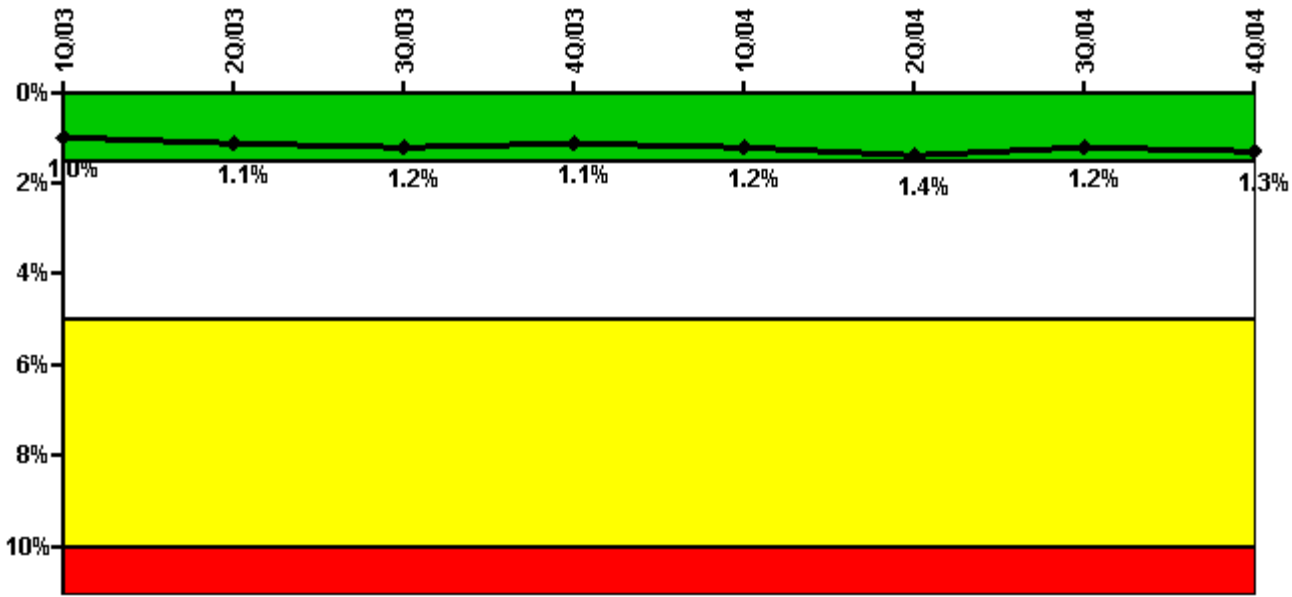
Thresholds: White > 4.0% Yellow > 12.0% Red > 50.0%

Notes

Safety System Unavailability, Heat Removal System (RCIC)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	33.05	34.05	60.61	55.94	21.65	2.76	20.36	32.36
Unplanned unavailable hours	0	0	119.05	0	0	46.28	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	2160.00	900.60	2071.60	2209.00	2184.00	1880.70	2208.00	2151.98
Indicator value	2.1%	2.2%	2.8%	2.9%	2.7%	2.7%	2.5%	2.6%

Licensee Comments: none

Safety System Unavailability, Residual Heat Removal System



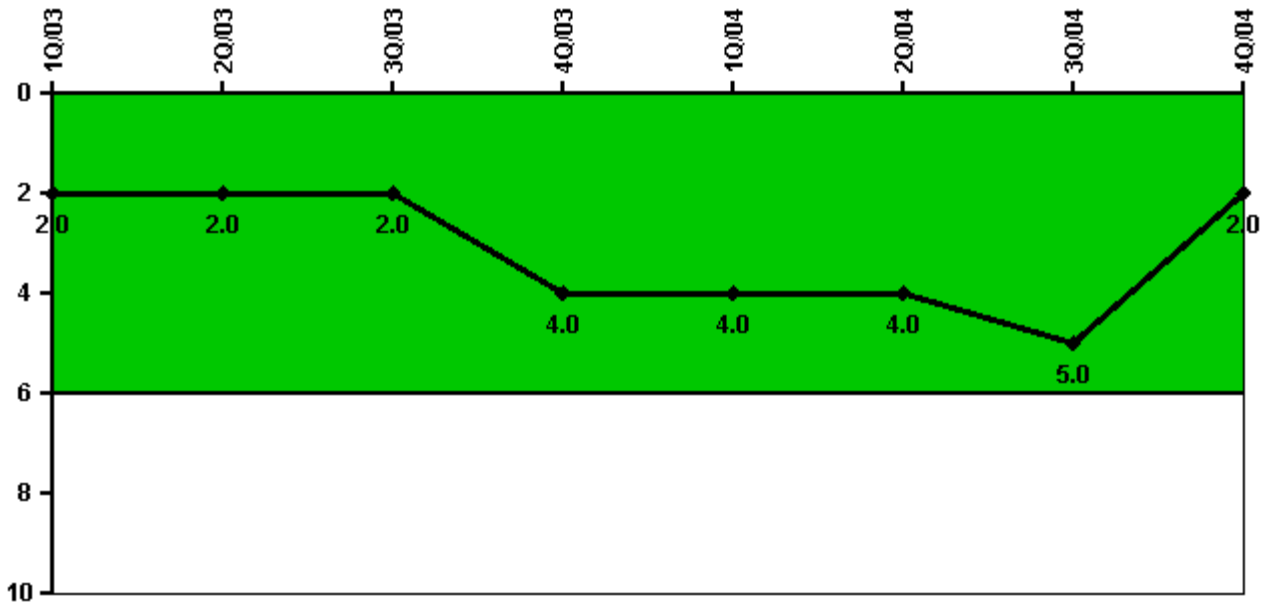
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Residual Heat Removal System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Train 1								
Planned unavailable hours	37.72	30.08	5.98	52.97	19.50	2.05	3.75	29.10
Unplanned unavailable hours	0	0	116.59	0	0	108.95	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	3.59	2.13	34.13	1.22	0.67	0	1.15	41.67
Unplanned unavailable hours	0.17	0	0.07	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%	1.1%	1.2%	1.1%	1.2%	1.4%	1.2%	1.3%

Licensee Comments: none

Safety System Functional Failures (BWR)



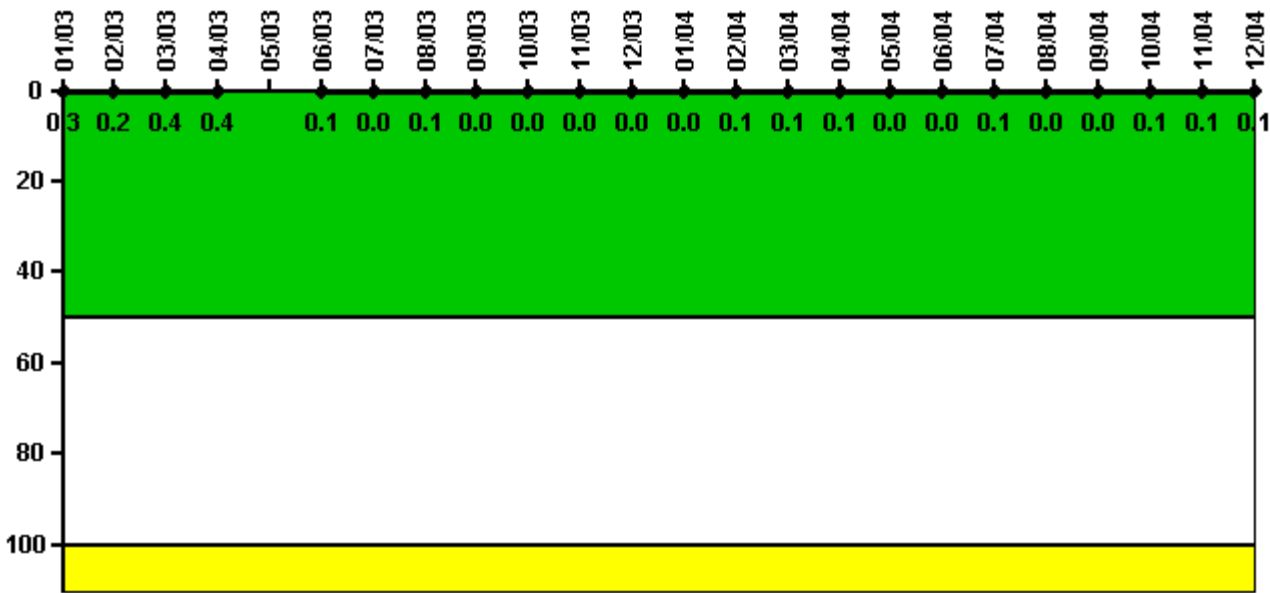
Thresholds: White > 6.0

Notes

Safety System Functional Failures (BWR)	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Safety System Functional Failures	1	0	0	3	1	0	1	0
Indicator value	2	2	2	4	4	4	5	2

Licensee Comments: none

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

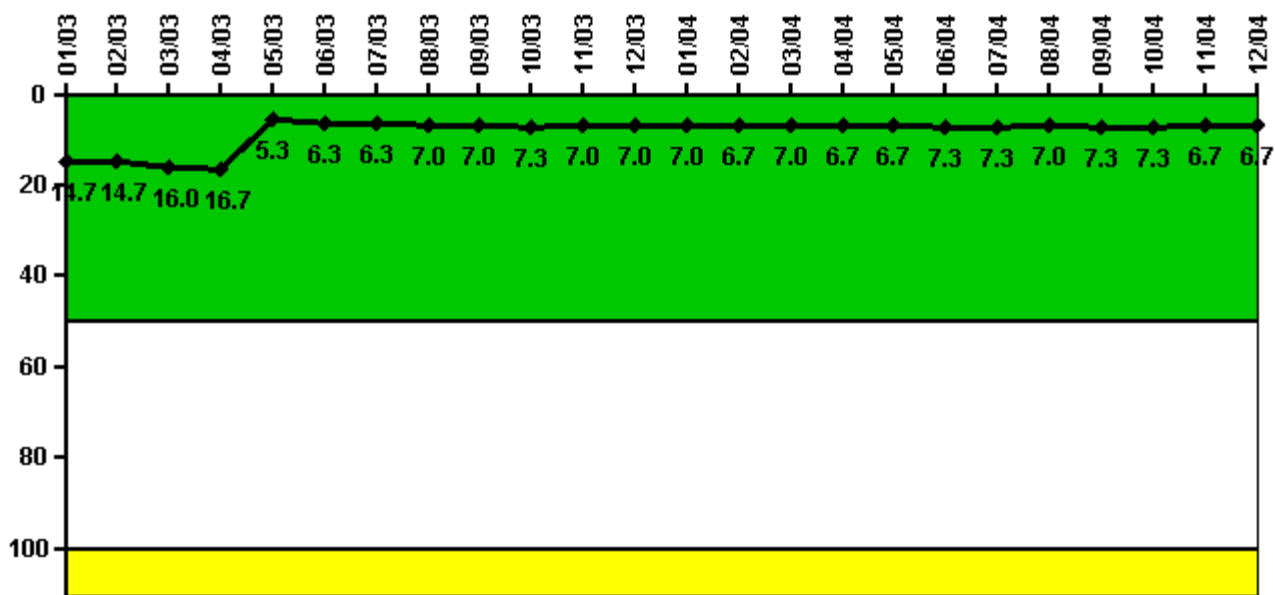
Notes

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	0.000525	0.000497	0.000766	0.000734	N/A	0.000109	0.000090	0.000124	0.000067	0.000059	0.000066	0.000087
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0.3	0.2	0.4	0.4	N/A	0.1	0	0.1	0	0	0	0

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	0.000073	0.000112	0.000109	0.000100	0.000098	0.000064	0.000119	0.000079	0.000079	0.000115	0.000140	0.000134
Technical specification limit	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2
Indicator value	0	0.1	0.1	0.1	0	0	0.1	0	0	0.1	0.1	0.1

Licensee Comments: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

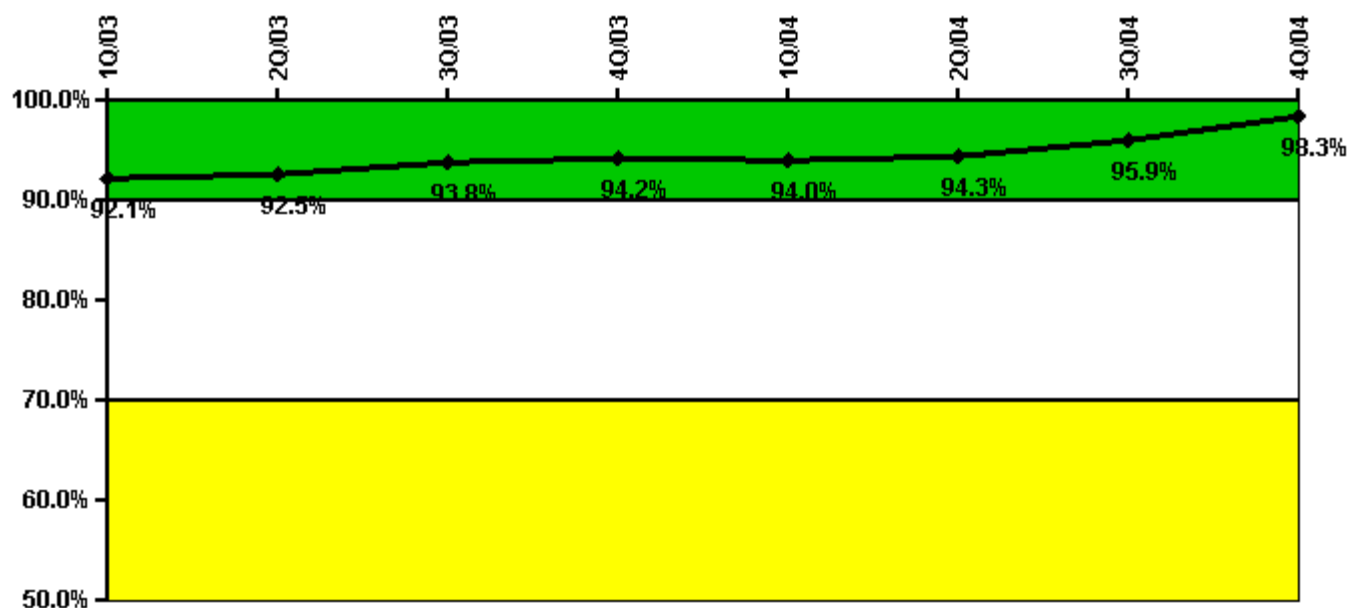
Notes

Reactor Coolant System Leakage	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	4.400	4.400	4.800	5.000	1.600	1.900	1.900	2.100	2.100	2.200	2.100	2.100
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	14.7	14.7	16.0	16.7	5.3	6.3	6.3	7.0	7.0	7.3	7.0	7.0

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	2.100	2.000	2.100	2.000	2.000	2.200	2.200	2.100	2.200	2.200	2.000	2.000
Technical specification limit	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
Indicator value	7.0	6.7	7.0	6.7	6.7	7.3	7.3	7.0	7.3	7.3	6.7	6.7

Licensee Comments: none

Drill/Exercise Performance



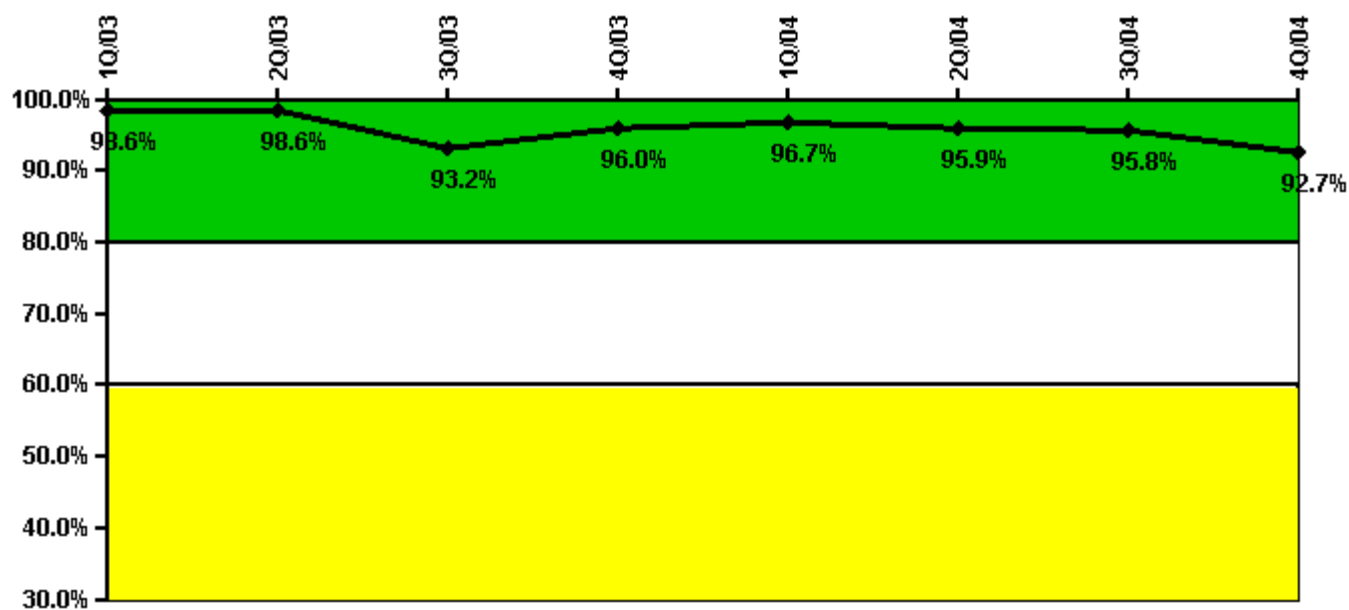
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful opportunities	17.0	9.0	2.0	38.0	14.0	15.0	24.0	50.0
Total opportunities	18.0	10.0	2.0	38.0	14.0	16.0	24.0	50.0
Indicator value	92.1%	92.5%	93.8%	94.2%	94.0%	94.3%	95.9%	98.3%

Licensee Comments: none

ERO Drill Participation



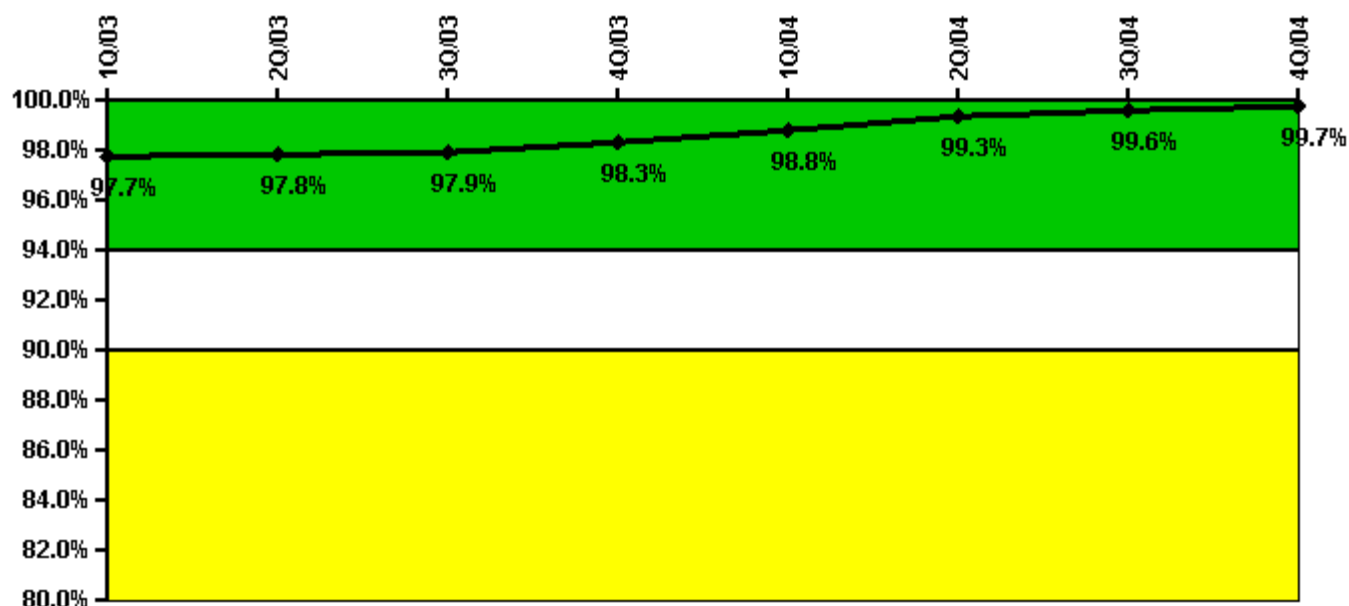
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Participating Key personnel	144.0	137.0	137.0	144.0	146.0	141.0	137.0	127.0
Total Key personnel	146.0	139.0	147.0	150.0	151.0	147.0	143.0	137.0
Indicator value	98.6%	98.6%	93.2%	96.0%	96.7%	95.9%	95.8%	92.7%

Licensee Comments: none

Alert & Notification System



Thresholds: White < 94.0% Yellow < 90.0%

Notes

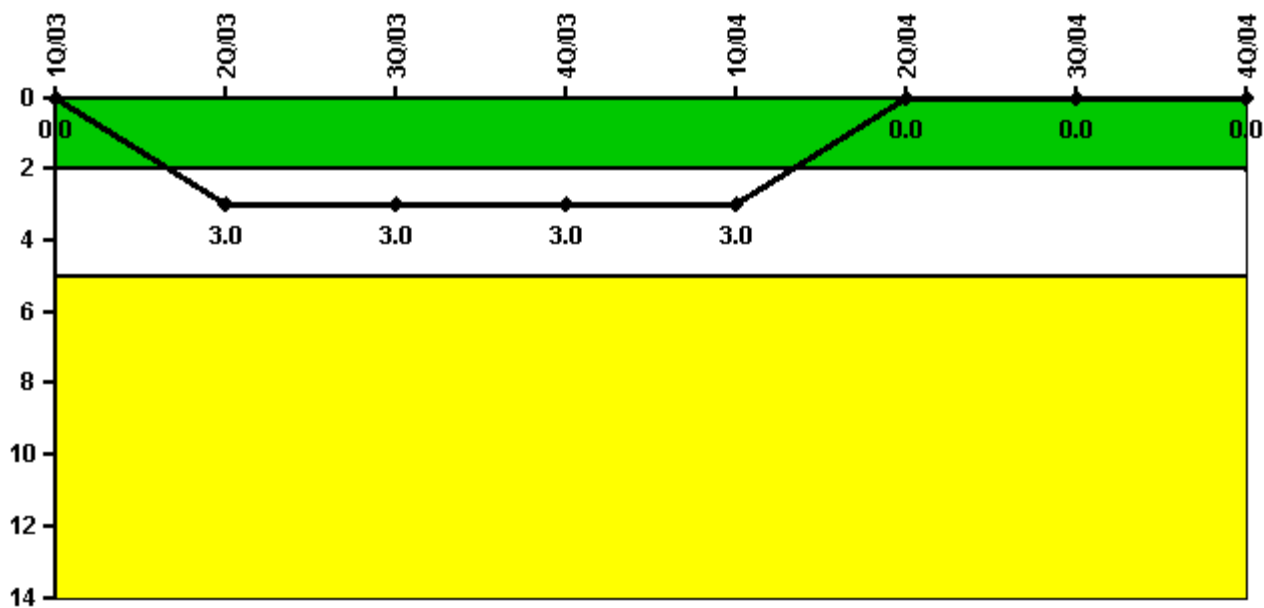
Alert & Notification System	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04
Successful siren-tests	594	520	525	452	530	530	532	529
Total sirens-tests	608	532	532	456	532	532	532	532
Indicator value	97.7%	97.8%	97.9%	98.3%	98.8%	99.3%	99.6%	99.7%

Licensee Comments:

4Q/04: Data Correction: ANS data for Q2 2004 (April) was corrected to include siren tests that were performed but inadvertently not reported. The data for April was changed to reflect 227/228 successful tests from 151/152 successful tests. This change does not affect the indicator color.

2Q/04: Data correction: In 12/04, the siren data for 04/04 was corrected to include siren tests that were inadvertently not reported. Data changed from 151/152 to 227/228. This did not affect the indicator color.

Occupational Exposure Control Effectiveness



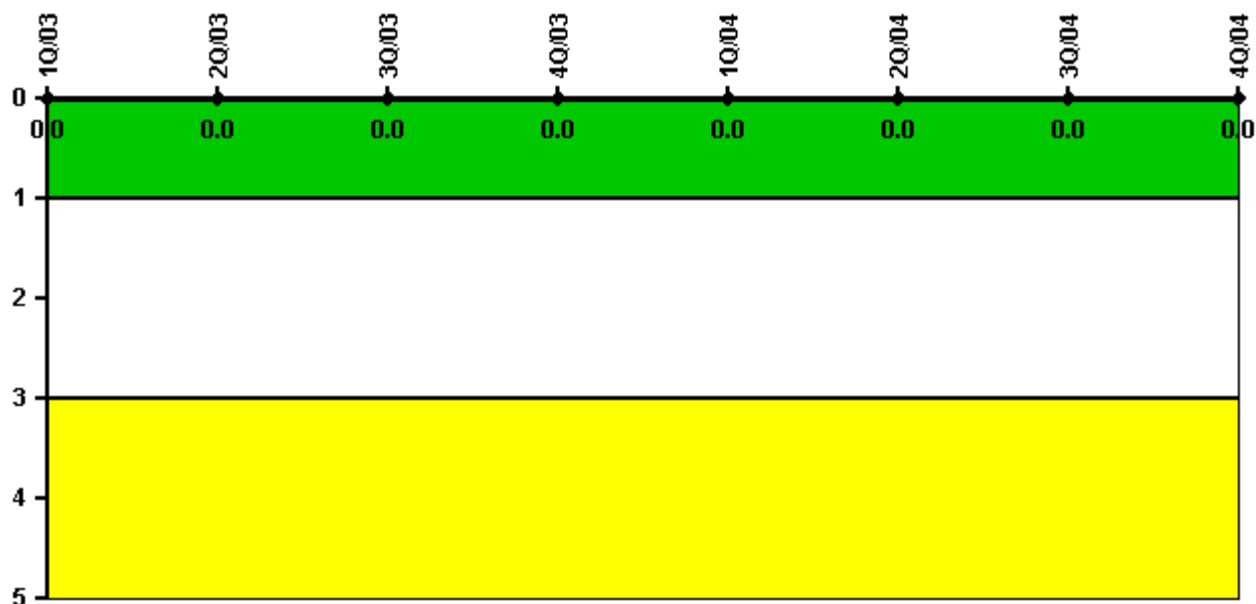
Thresholds: White > 2.0 Yellow > 5.0

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	1	0	0	0	0	0	0
Very high radiation area occurrences	0	0	0	0	0	0	0	0
Unintended exposure occurrences	0	2	0	0	0	0	0	0
Indicator value	0	3	3	3	3	0	0	0

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