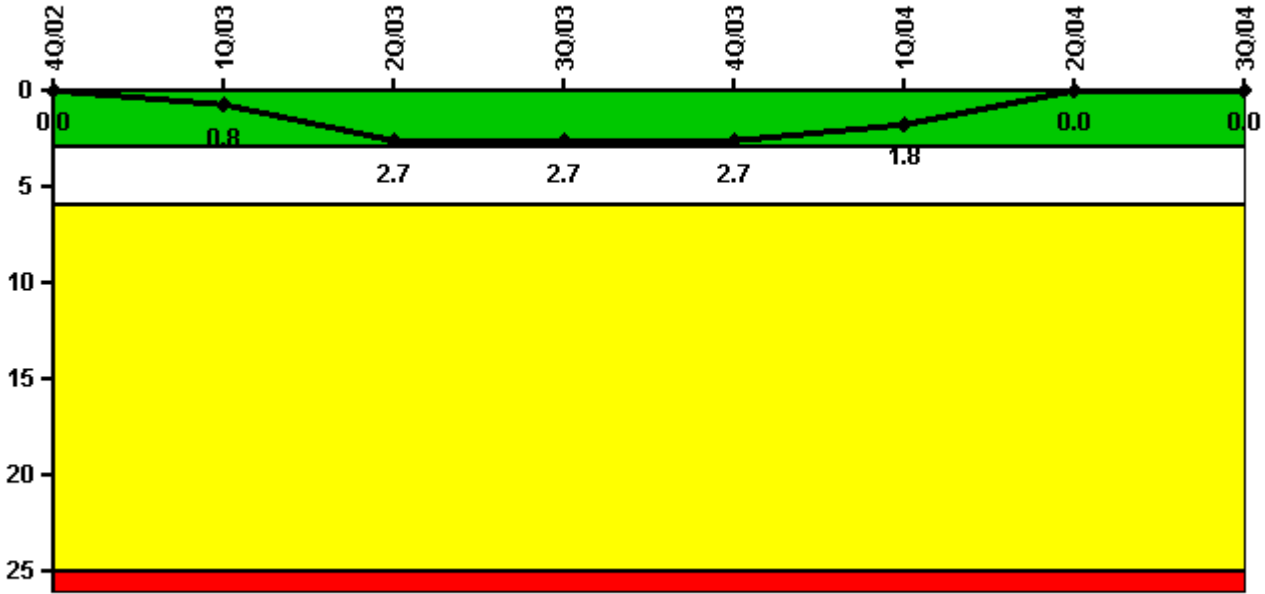


Pilgrim 1

3Q/2004 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



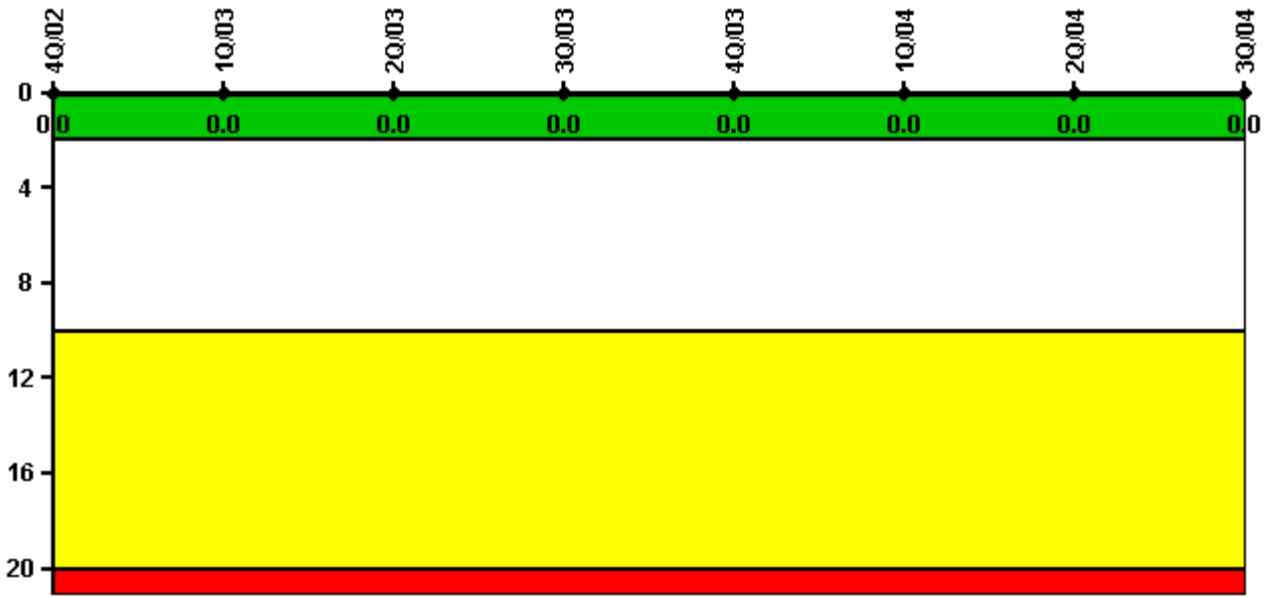
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Unplanned scrams	0	1.0	2.0	0	0	0	0	0
Critical hours	2209.0	1971.0	1519.0	2188.0	1984.0	2138.6	2183.0	2208.0
Indicator value	0	0.8	2.7	2.7	2.7	1.8	0	0

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



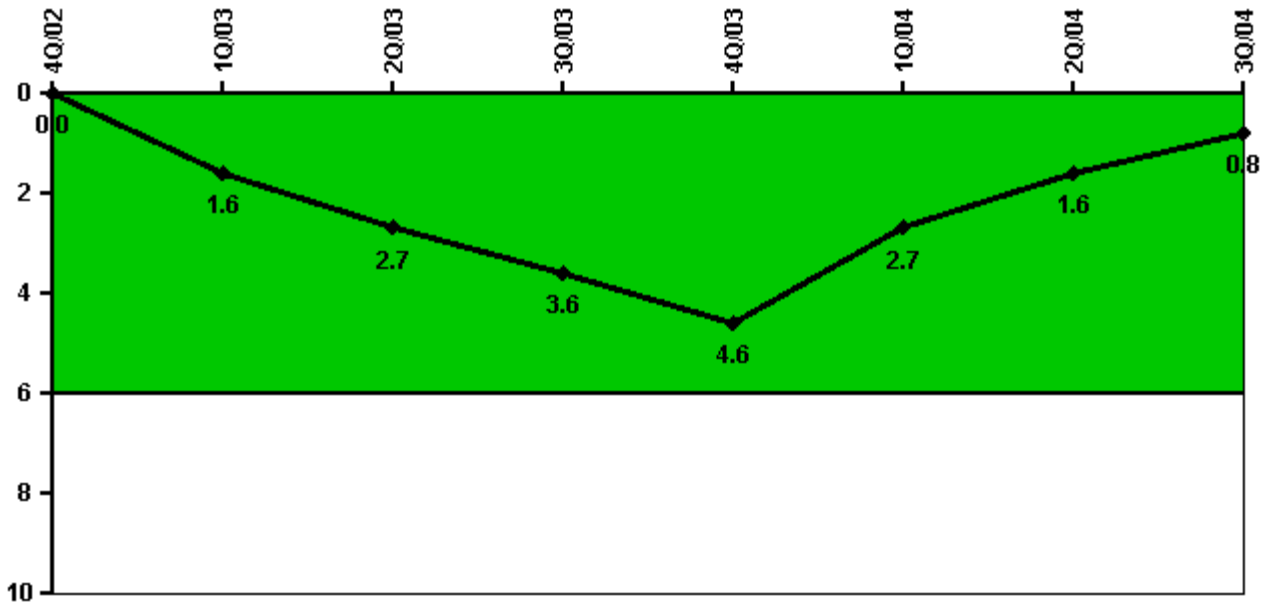
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	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

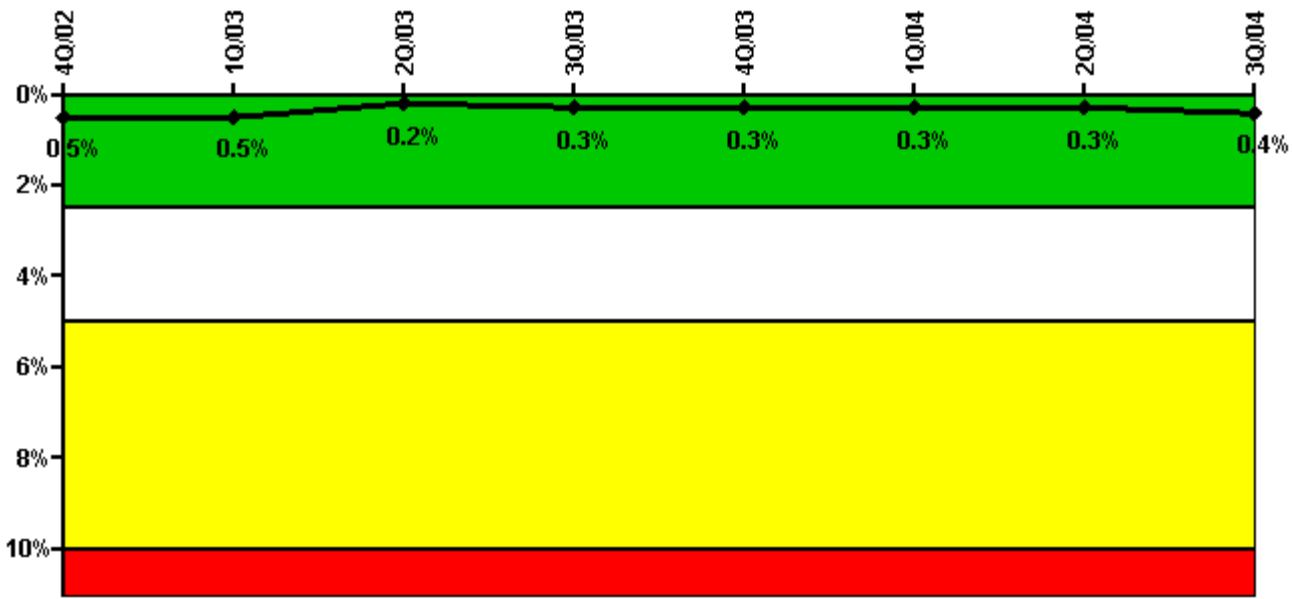
Notes

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	2.0	1.0	1.0	1.0	0	0	0
Critical hours	2209.0	1971.0	1519.0	2188.0	1984.0	2138.6	2183.0	2208.0
Indicator value	0	1.6	2.7	3.6	4.6	2.7	1.6	0.8

Licensee Comments:

3Q/04: Reflects most recent unplanned power change greater than 20% of licensed reactor power on 12/1/03.

Safety System Unavailability, Emergency AC Power



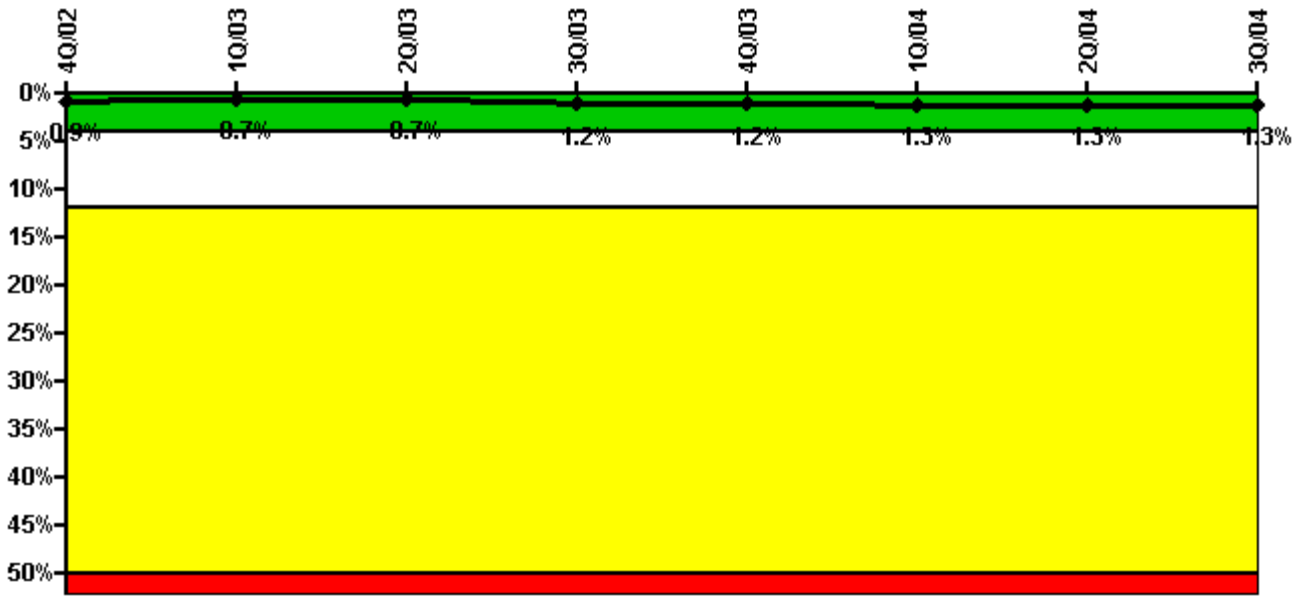
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

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	1.53	1.01	1.58	1.58	11.34	5.60	2.11	2.98
Unplanned unavailable hours	0	0	0	21.08	0	1.50	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	2058.00	1570.00	2202.70	1983.00	2184.00	2184.00	2208.00
Train 2								
Planned unavailable hours	0.89	0.80	0.91	2.51	17.43	2.59	1.02	9.65
Unplanned unavailable hours	0	13.72	0	0.50	0	7.70	0.50	9.06
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	2058.00	1570.00	2202.70	1983.00	2184.00	2184.00	2208.00
Indicator value	0.5%	0.5%	0.2%	0.3%	0.3%	0.3%	0.3%	0.4%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPCI)



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

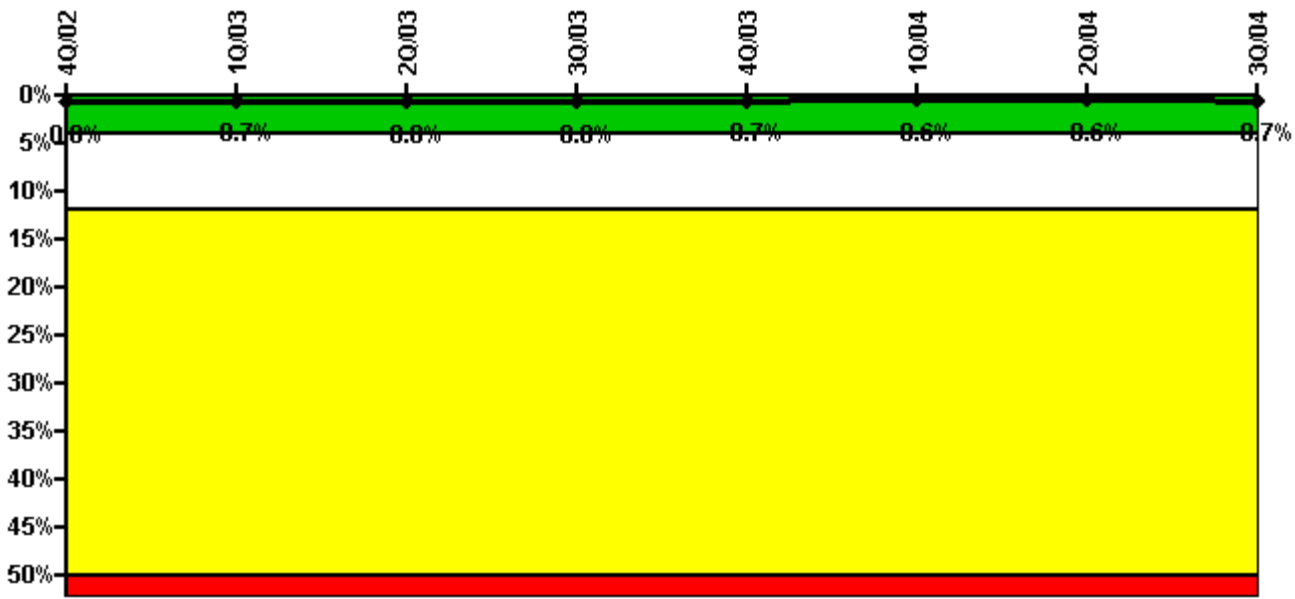
Notes

Safety System Unavailability, High Pressure Injection System (HPCI)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	3.62	0.35	11.15	24.86	0.90	47.58	6.40	10.41
Unplanned unavailable hours	0	0	0	155.60	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	2000.75	1590.54	2200.60	1980.00	2140.00	2184.00	2208.00
Indicator value	0.9%	0.7%	0.7%	1.2%	1.2%	1.3%	1.3%	1.3%

Licensee Comments:

3Q/04: The indicator reflects the revision of certain unavailability hours for 3Q-2003 and 1Q-2004 reported via a change report as part of the 3Q-2004 data submittal.

Safety System Unavailability, Heat Removal System (RCIC)



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

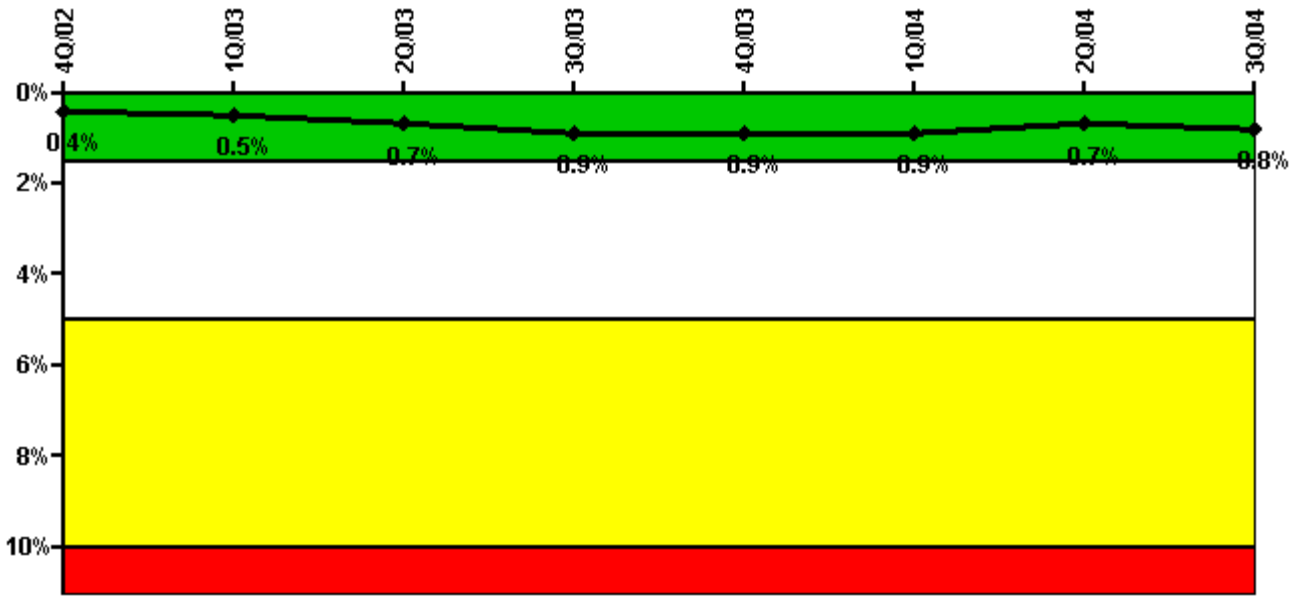
Notes

Safety System Unavailability, Heat Removal System (RCIC)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Train 1								
Planned unavailable hours	22.73	19.48	9.74	25.29	4.88	3.18	4.93	34.14
Unplanned unavailable hours	0	0	0	0	0	0	0	9.72
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	2209.00	2000.75	1590.54	2200.60	1980.00	2140.00	2184.00	2208.00
Indicator value	0.8%	0.7%	0.8%	0.8%	0.7%	0.6%	0.6%	0.7%

Licensee Comments:

3Q/04: RCIC, 35.0 hour of T/2 fault exposure hours. The T/2 fault exposure hours is related to LER 2004-004-00, and is not reported as fault exposure unavailability hours because of the guidance in NEI 99-02 (rev. 2) regarding Fault Exposure Conditions. The indicator reflects the revision of unavailability hours for 4Q-2004 reported via a change report submitted as part of the 3Q-2004 data submittal.

Safety System Unavailability, Residual Heat Removal System



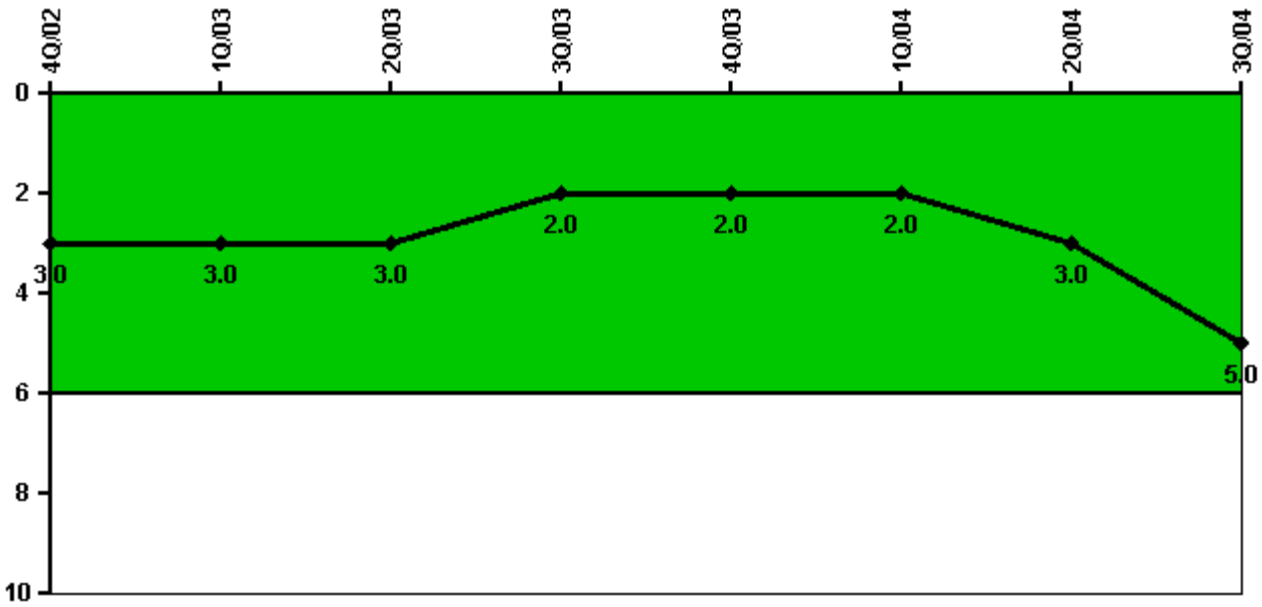
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

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	24.02	0	109.45	21.09	13.65	1.50	5.62	14.12
Unplanned unavailable hours	0	59.20	0	54.59	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	2184.00	2208.00
Train 2								
Planned unavailable hours	7.31	0	0	0	13.72	17.68	0.82	18.48
Unplanned unavailable hours	0	12.80	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	2209.00	2160.00	2183.00	2208.00	2209.00	2184.00	2184.00	2208.00
Indicator value	0.4%	0.5%	0.7%	0.9%	0.9%	0.9%	0.7%	0.8%

Licensee Comments: none

Safety System Functional Failures (BWR)



Thresholds: White > 6.0

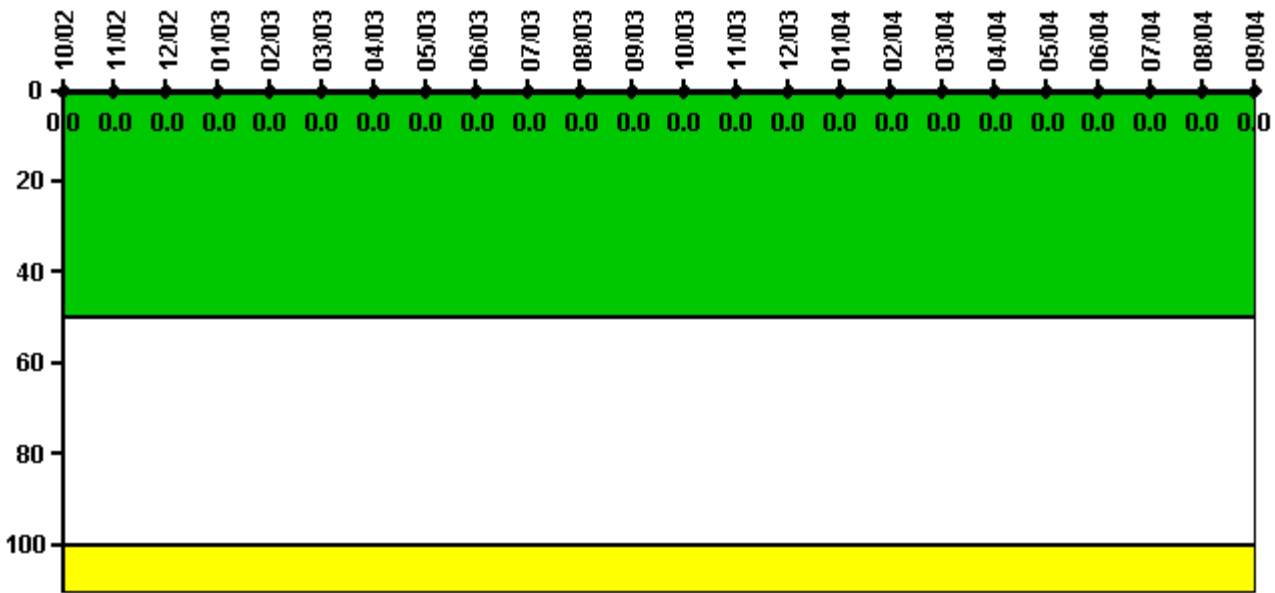
Notes

Safety System Functional Failures (BWR)	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Safety System Functional Failures	2	0	0	0	2	0	1	2
Indicator value	3	3	3	2	2	2	3	5

Licensee Comments:

3Q/04: Reflects LERs submitted in the last 4 quarters: LER 2003-004-00 (HPCI) that was submitted on 10/27/03, LER 2003-005-00 (HPCI and RCIC) that was submitted on 11/3/03, LER 2004-003-00 (HPCI) that was submitted on 4/26/04, LER 2004-004-00 (RCIC) that was submitted on 9/28/04, and LER 2004-005-00 (SGTS) that was submitted on 9/29/04.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

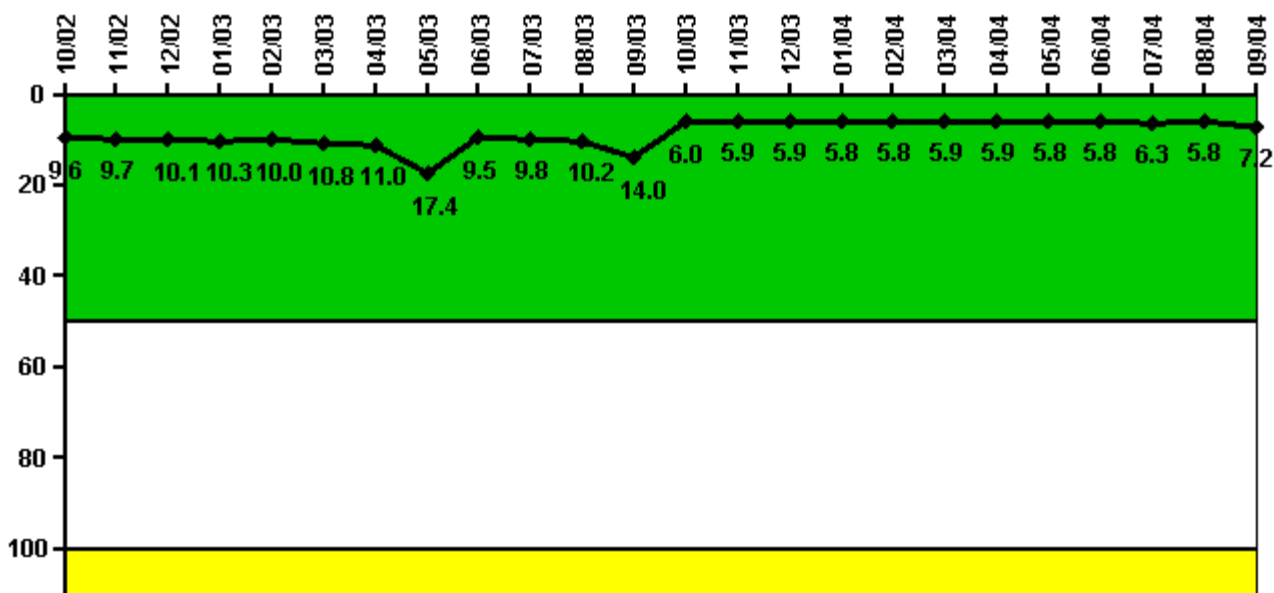
Notes

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	0.001780	0.002160	0.002900	0.004520	0.003160	0.003040	0.002970	0.002360	0.005000	0.005000	0.004350	0.003780
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0
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	0.004690	0.004120	0.003900	0.003930	0.003840	0.003430	0.003610	0.004280	0.003400	0.003470	0.003500	0.003320
Technical specification limit	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
Indicator value	0	0	0	0	0	0	0	0	0	0	0	0

Licensee Comments:

9/04: Indicates reactor coolant system activity, expressed as a percentage of the Technical Specifications limit for Iodine. Technical Specifications do not specify a limit for Iodine-131.

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

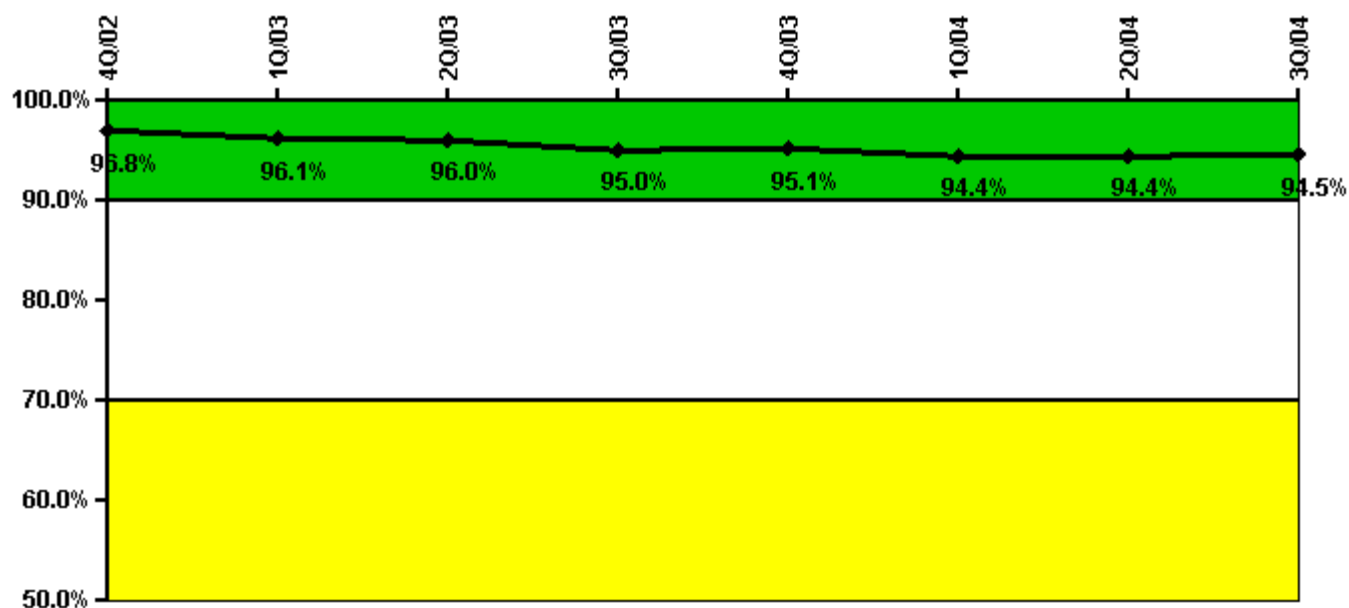
Reactor Coolant System Leakage	10/02	11/02	12/02	1/03	2/03	3/03	4/03	5/03	6/03	7/03	8/03	9/03
Maximum leakage	2.400	2.420	2.530	2.570	2.500	2.710	2.750	4.340	2.370	2.440	2.540	3.510
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	9.6	9.7	10.1	10.3	10.0	10.8	11.0	17.4	9.5	9.8	10.2	14.0

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	1.500	1.470	1.470	1.460	1.460	1.470	1.480	1.460	1.460	1.580	1.450	1.790
Technical specification limit	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
Indicator value	6.0	5.9	5.9	5.8	5.8	5.9	5.9	5.8	5.8	6.3	5.8	7.2

Licensee Comments:

9/04: Indicates maximum total leakage (identified and un-identified) in gpm for each month, depicted as a percentage of the Technical Specifications limit. Technical Specifications specify un-identified leakage, does not specify identified leakage.

Drill/Exercise Performance



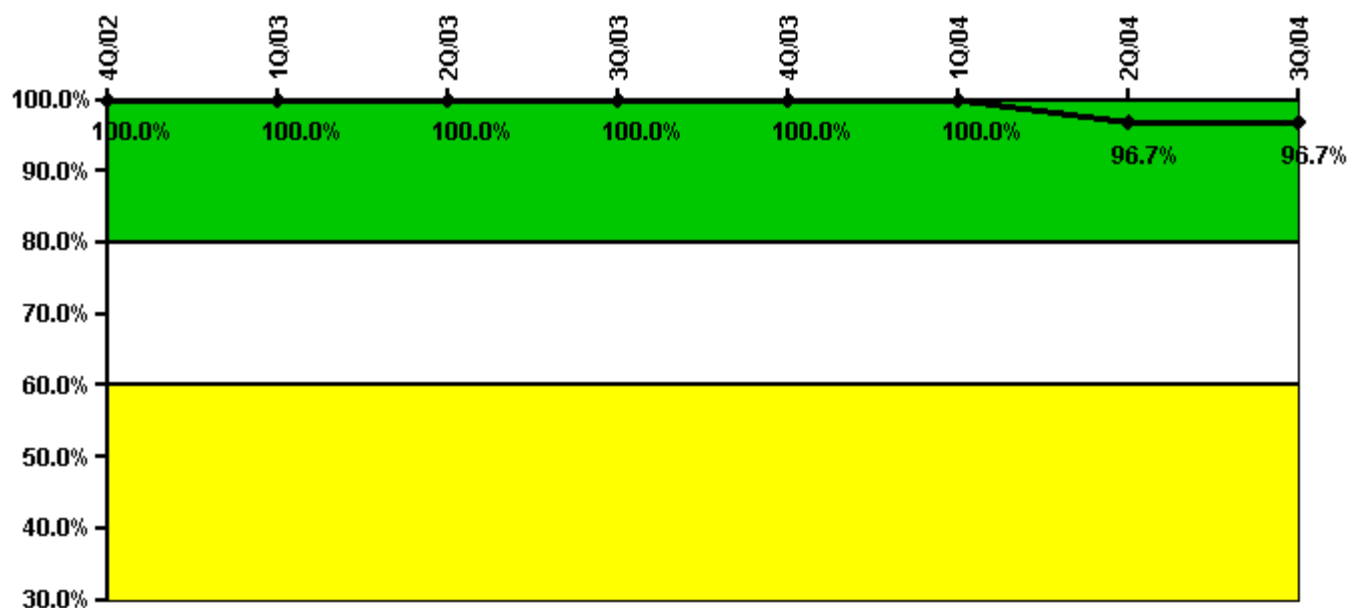
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful opportunities	22.0	15.0	21.0	56.0	24.0	36.0	56.0	26.0
Total opportunities	24.0	17.0	22.0	60.0	24.0	40.0	58.0	26.0
Indicator value	96.8%	96.1%	96.0%	95.0%	95.1%	94.4%	94.4%	94.5%

Licensee Comments: none

ERO Drill Participation



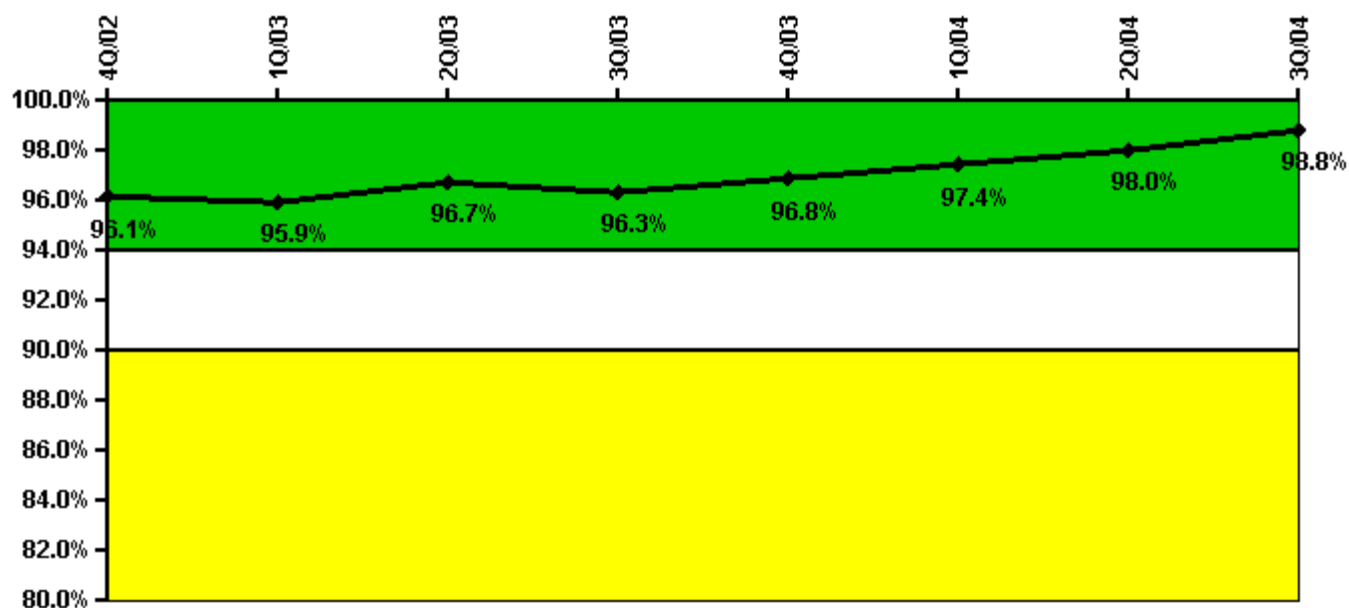
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Participating Key personnel	58.0	57.0	56.0	55.0	55.0	59.0	59.0	59.0
Total Key personnel	58.0	57.0	56.0	55.0	55.0	59.0	61.0	61.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	96.7%	96.7%

Licensee Comments: none

Alert & Notification System



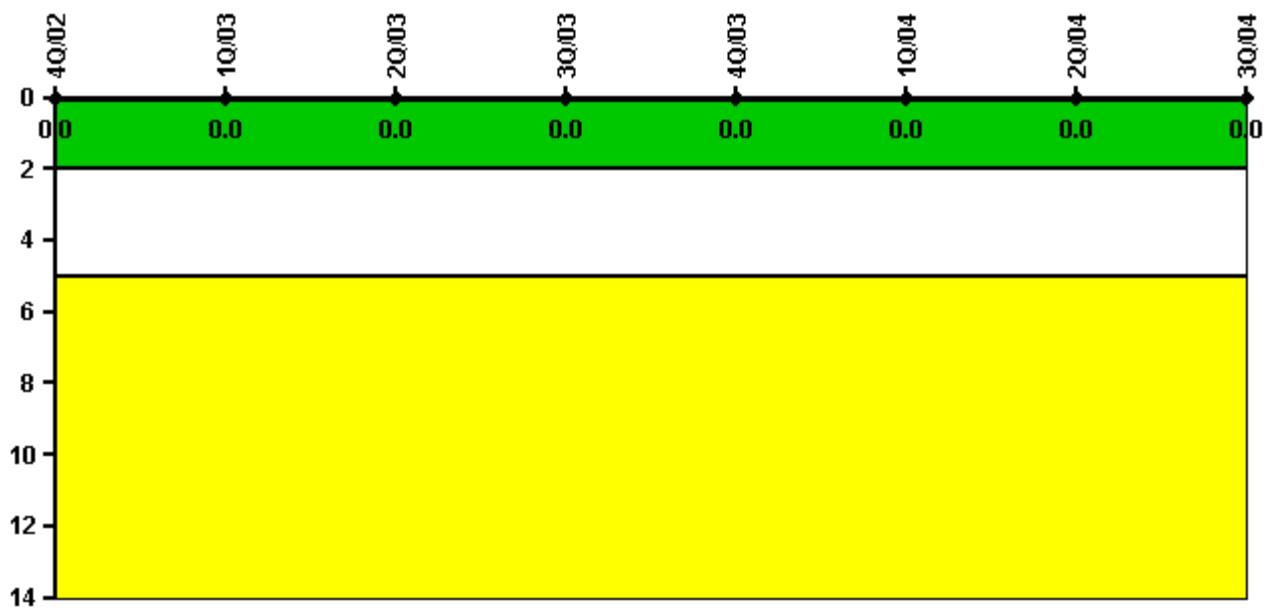
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	4Q/02	1Q/03	2Q/03	3Q/03	4Q/03	1Q/04	2Q/04	3Q/04
Successful siren-tests	330	321	325	291	472	330	334	331
Total sirens-tests	336	336	336	307	477	336	336	336
Indicator value	96.1%	95.9%	96.7%	96.3%	96.8%	97.4%	98.0%	98.8%

Licensee Comments: none

Occupational Exposure Control Effectiveness



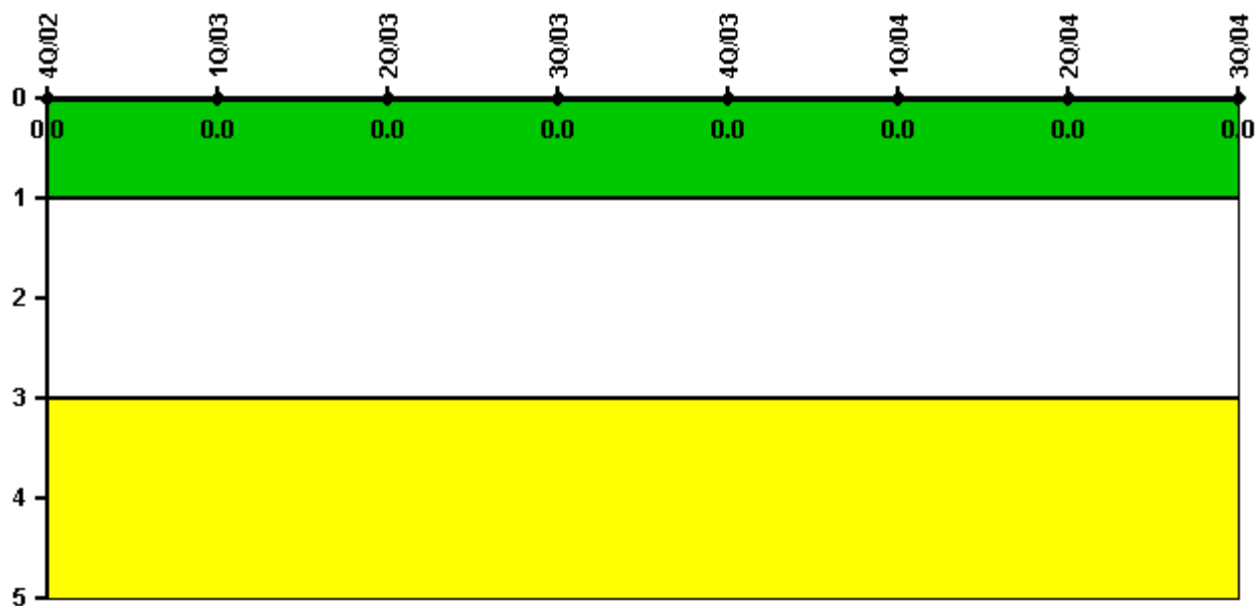
Thresholds: White > 2.0 Yellow > 5.0

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	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	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	0	0	0	0	0	0	0

Licensee Comments: none

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