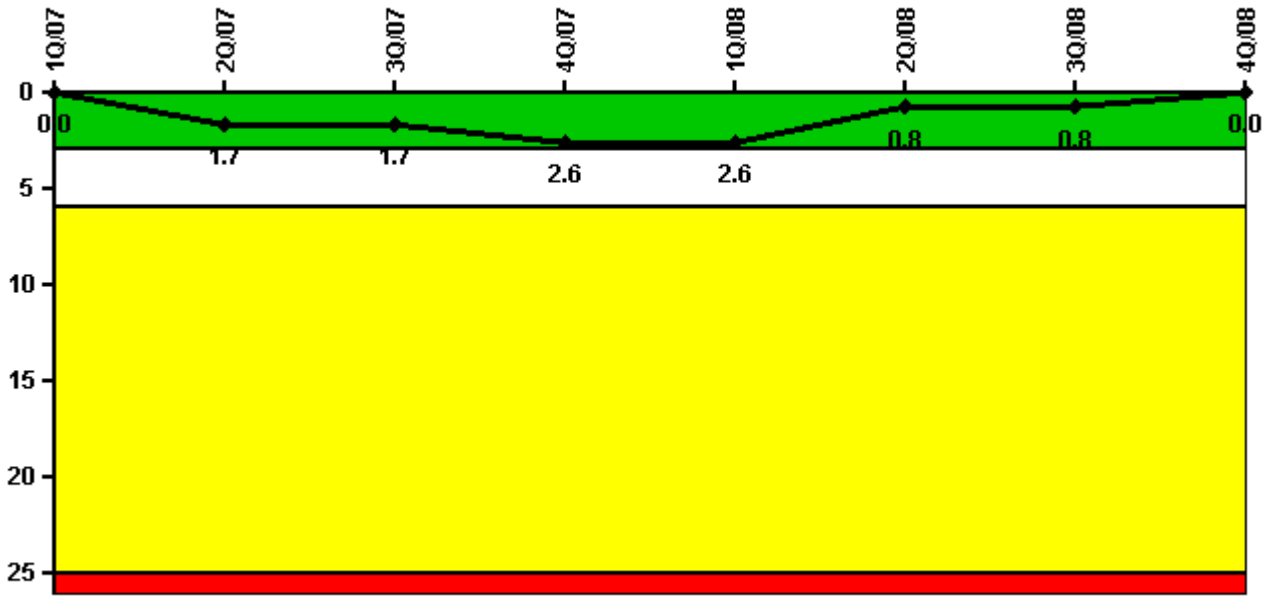


Salem 1

4Q/2008 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



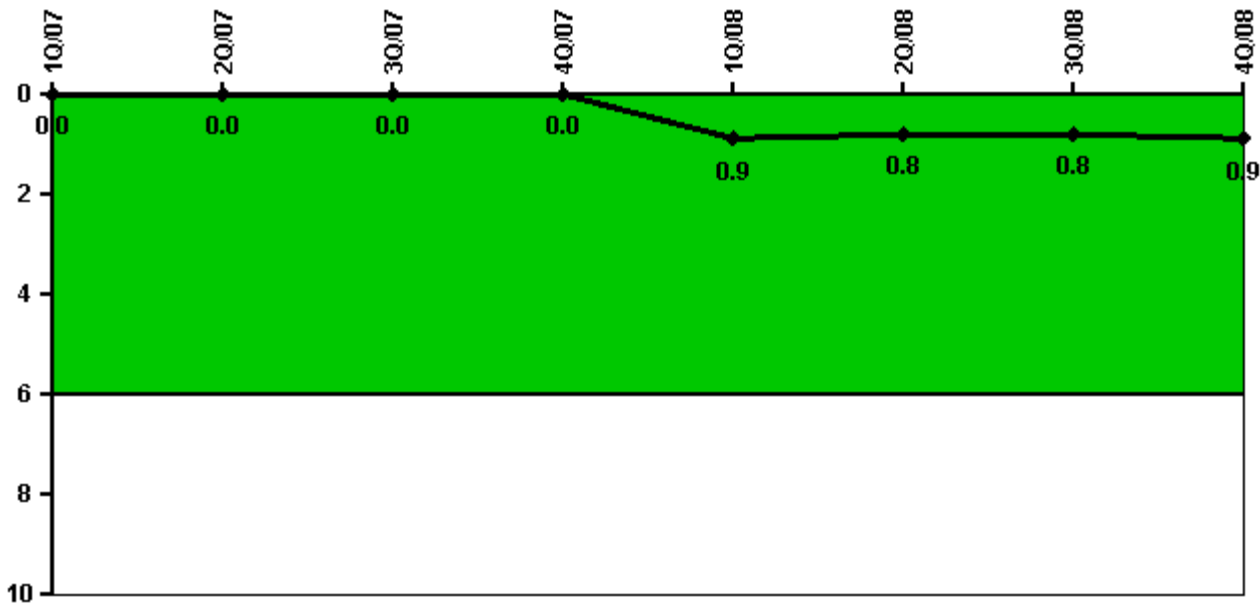
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

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 | 2.0 | 0 | 1.0 | 0 | 0 | 0 | 0 |
| Critical hours | 2059.0 | 1697.1 | 2208.0 | 2130.9 | 2177.0 | 2184.0 | 2208.0 | 1508.1 |
| Indicator value | 0 | 1.7 | 1.7 | 2.6 | 2.6 | 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/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|--------|--------|--------|--------|--------|--------|--------|--------|
| Unplanned power changes | 0 | 0 | 0 | 0 | 1.0 | 0 | 0 | 0 |
| Critical hours | 2059.0 | 1697.1 | 2208.0 | 2130.9 | 2177.0 | 2184.0 | 2208.0 | 1508.1 |
| Indicator value | 0 | 0 | 0 | 0 | 0.9 | 0.8 | 0.8 | 0.9 |

Licensee Comments: none

Unplanned Scrams with Complications



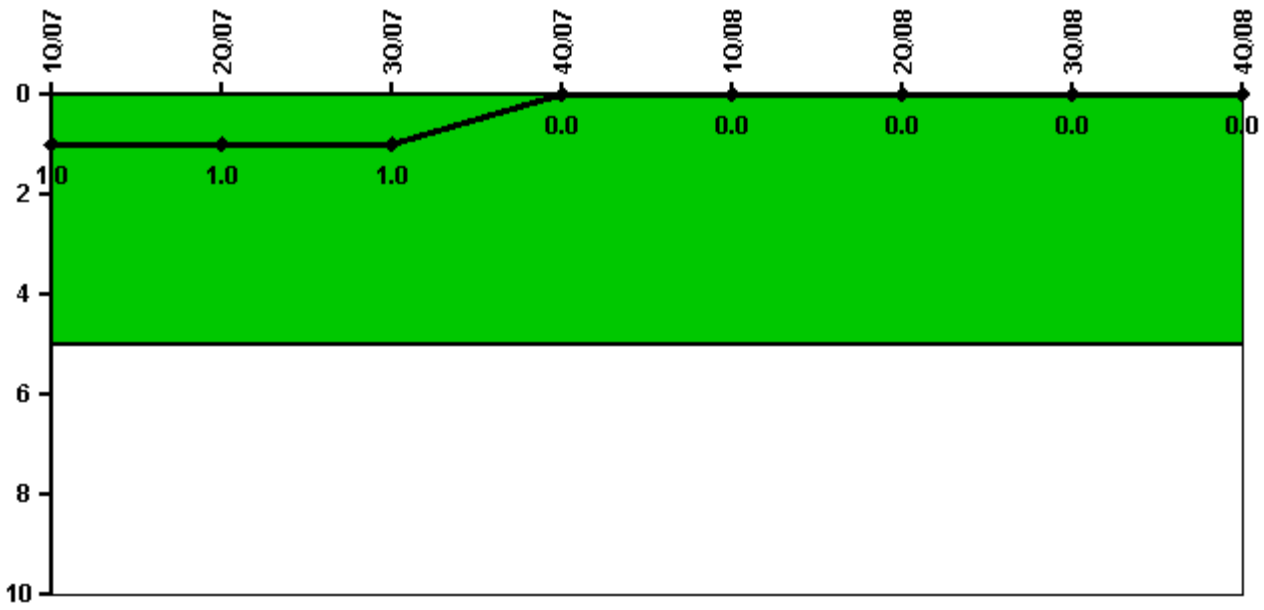
Thresholds: White > 1.0

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)



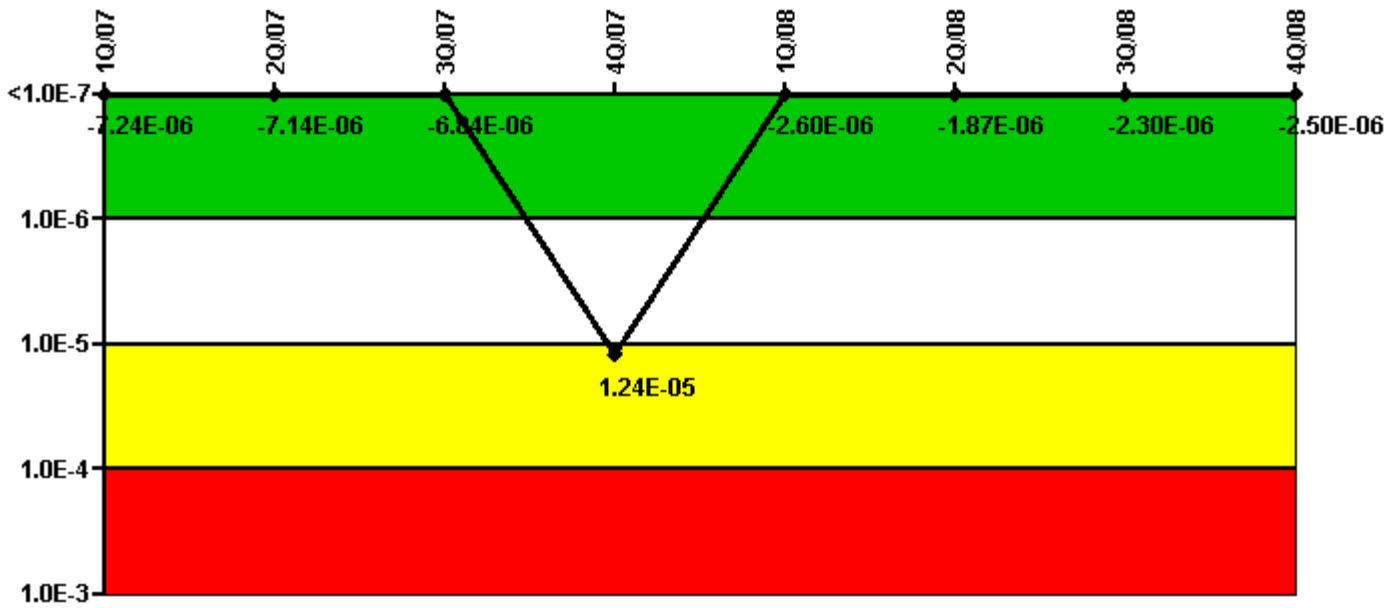
Thresholds: White > 5.0

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 | 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



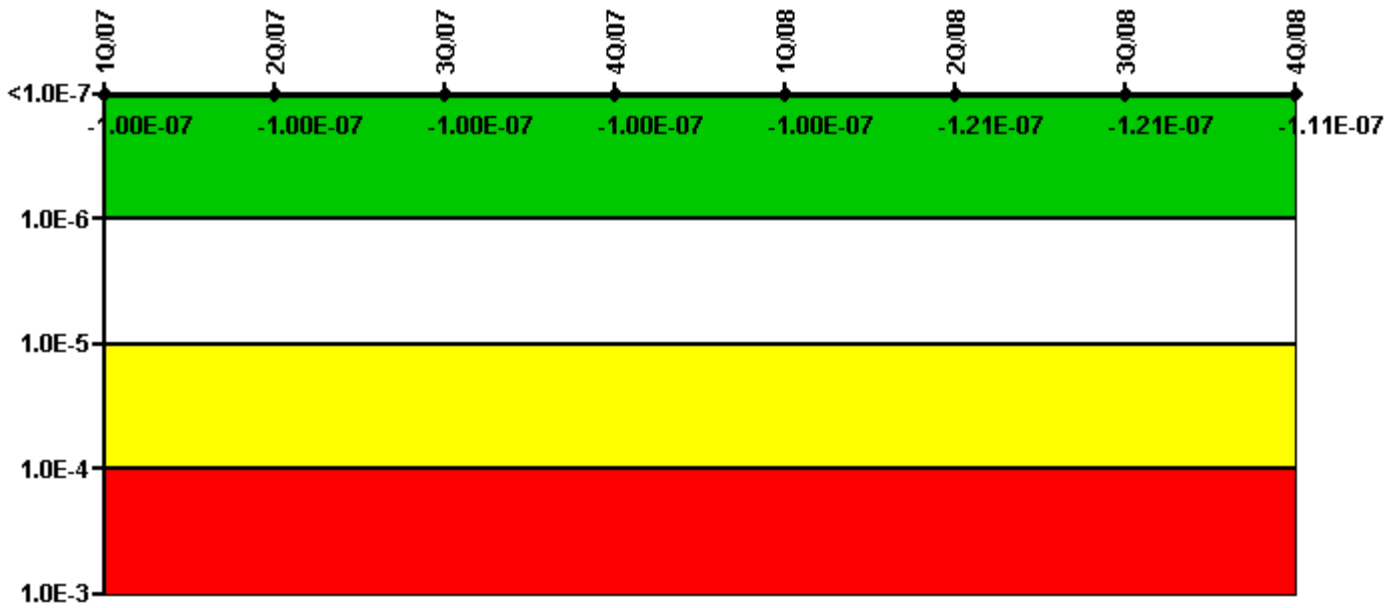
Thresholds: White $> 1.00E-6$ Yellow $> 1.00E-5$ Red $> 1.00E-4$

Notes

| Mitigating Systems Performance Index, Emergency AC Power System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|
| UAI (Δ CDF) | $-8.40E-07$ | $-8.40E-07$ | $-8.40E-07$ | $-6.00E-07$ | $-6.00E-07$ | $-3.70E-07$ | $-4.00E-07$ | $-4.00E-07$ |
| URI (Δ CDF) | $-6.40E-06$ | $-6.30E-06$ | $-6.00E-06$ | $1.30E-05$ | $-2.00E-06$ | $-1.50E-06$ | $-1.90E-06$ | $-2.10E-06$ |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | $-7.24E-06$ | $-7.14E-06$ | $-6.84E-06$ | $1.24E-05$ | $-2.60E-06$ | $-1.87E-06$ | $-2.30E-06$ | $-2.50E-06$ |

Licensee Comments: none

Mitigating Systems Performance Index, High Pressure Injection System



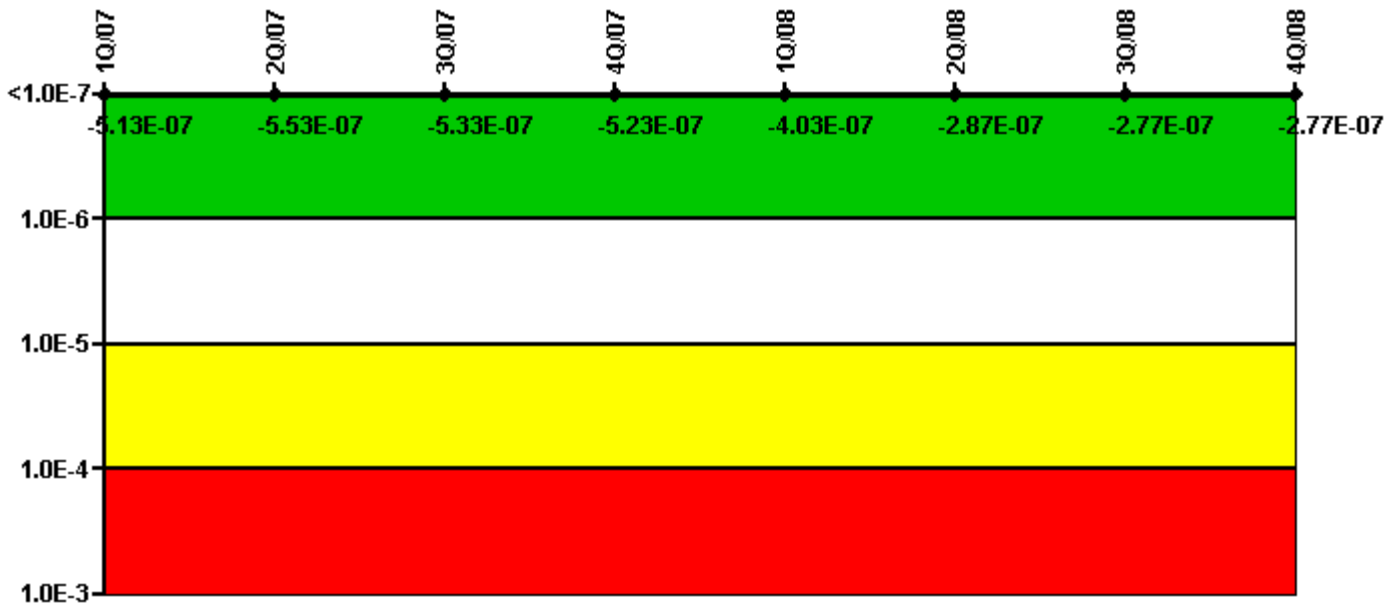
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

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) | -9.50E-08 | -9.50E-08 | -9.50E-08 | -9.50E-08 | -9.50E-08 | -6.40E-10 | -6.40E-10 | -6.50E-10 |
| URI (Δ CDF) | -5.40E-09 | -5.40E-09 | -5.40E-09 | -5.40E-09 | -5.30E-09 | -1.20E-07 | -1.20E-07 | -1.10E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.00E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -1.00E-07 | -1.21E-07 | -1.21E-07 | -1.11E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Heat Removal System



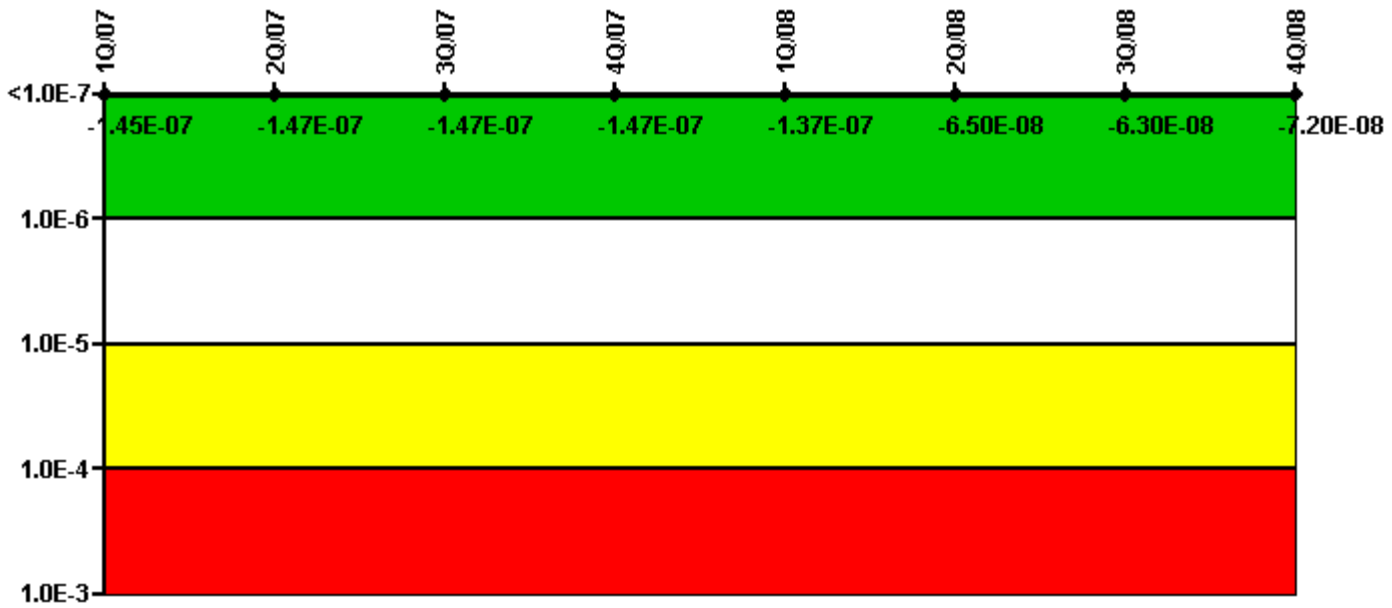
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Heat Removal System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|---|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -8.30E-08 | -8.30E-08 | -8.30E-08 | -8.30E-08 | -8.30E-08 | -4.70E-08 | -4.70E-08 | -4.70E-08 |
| URI (Δ CDF) | -4.30E-07 | -4.70E-07 | -4.50E-07 | -4.40E-07 | -3.20E-07 | -2.40E-07 | -2.30E-07 | -2.30E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -5.13E-07 | -5.53E-07 | -5.33E-07 | -5.23E-07 | -4.03E-07 | -2.87E-07 | -2.77E-07 | -2.77E-07 |

Licensee Comments: none

Mitigating Systems Performance Index, Residual Heat Removal System



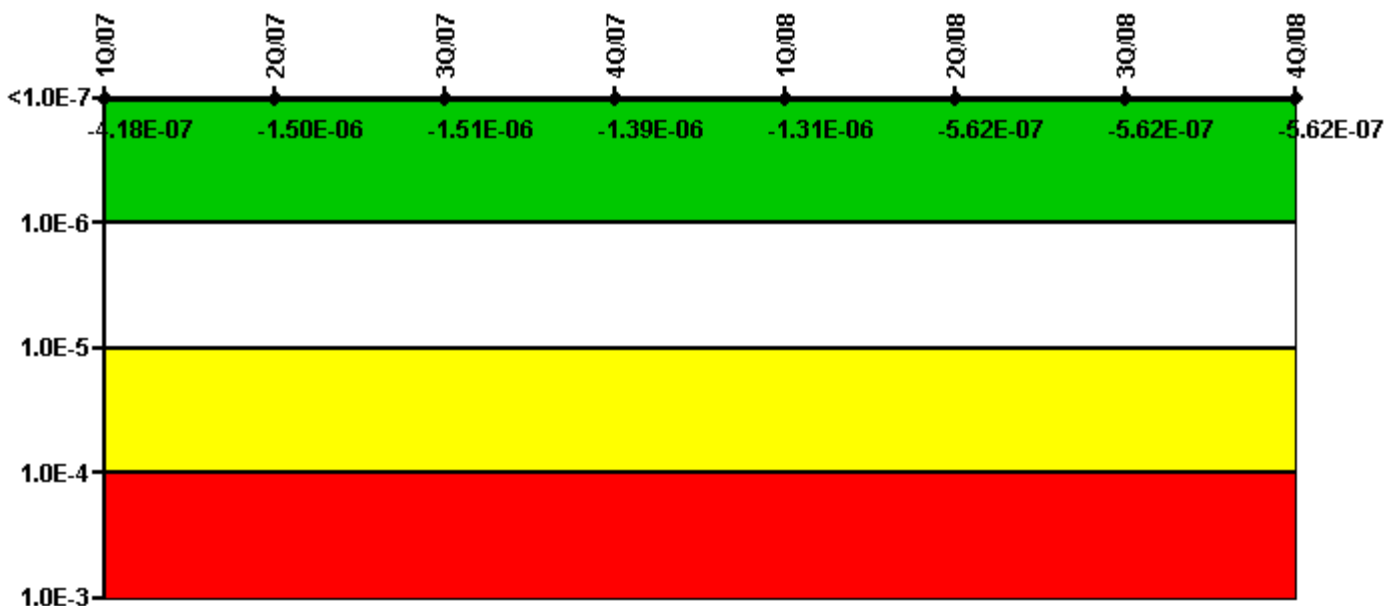
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

Notes

| Mitigating Systems Performance Index, Residual Heat Removal System | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|--|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| UAI (Δ CDF) | -3.50E-08 | -3.70E-08 | -3.70E-08 | -3.70E-08 | -3.70E-08 | -1.60E-08 | -1.60E-08 | -1.60E-08 |
| URI (Δ CDF) | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.10E-07 | -1.00E-07 | -4.90E-08 | -4.70E-08 | -5.60E-08 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -1.45E-07 | -1.47E-07 | -1.47E-07 | -1.47E-07 | -1.37E-07 | -6.50E-08 | -6.30E-08 | -7.20E-08 |

Licensee Comments: none

Mitigating Systems Performance Index, Cooling Water Systems



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

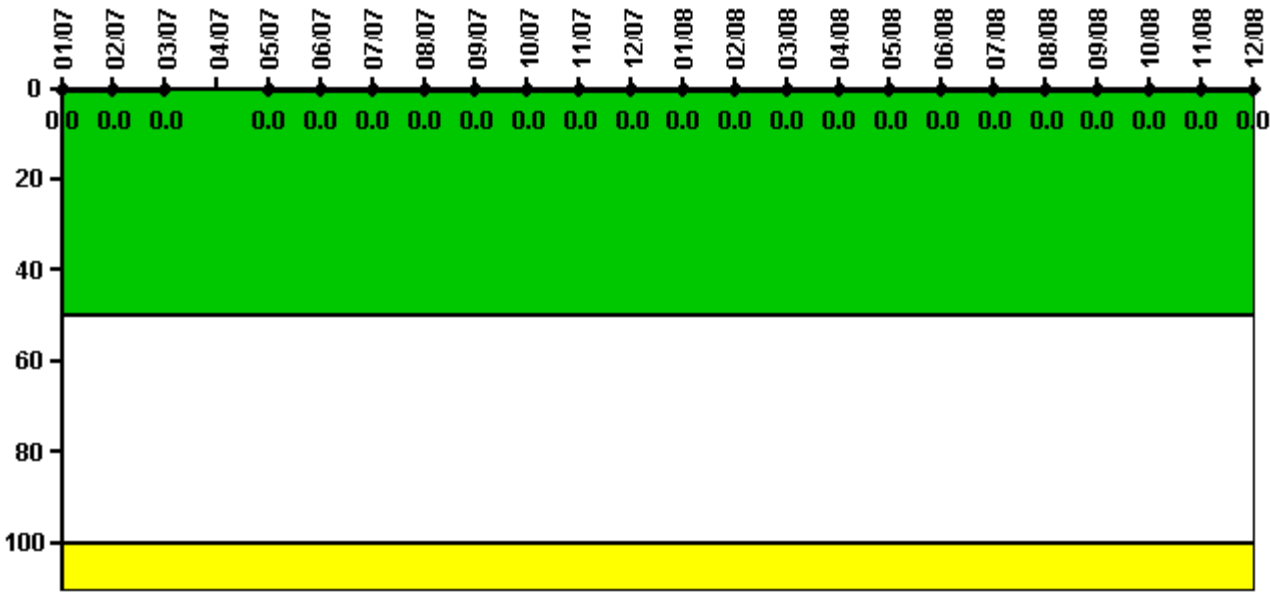
Notes

| 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) | -3.90E-07 | -4.00E-07 | -4.10E-07 | -2.90E-07 | -2.10E-07 | -6.20E-08 | -6.20E-08 | -6.20E-08 |
| URI (Δ CDF) | -2.80E-08 | -1.10E-06 | -1.10E-06 | -1.10E-06 | -1.10E-06 | -5.00E-07 | -5.00E-07 | -5.00E-07 |
| PLE | NO | NO | NO | NO | NO | NO | NO | NO |
| Indicator value | -4.18E-07 | -1.50E-06 | -1.51E-06 | -1.39E-06 | -1.31E-06 | -5.62E-07 | -5.62E-07 | -5.62E-07 |

Licensee Comments:

2Q/08: Changed MSPI coefficients based on revisions to PRA and MSPI Basis Document, effective 2Q08.

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

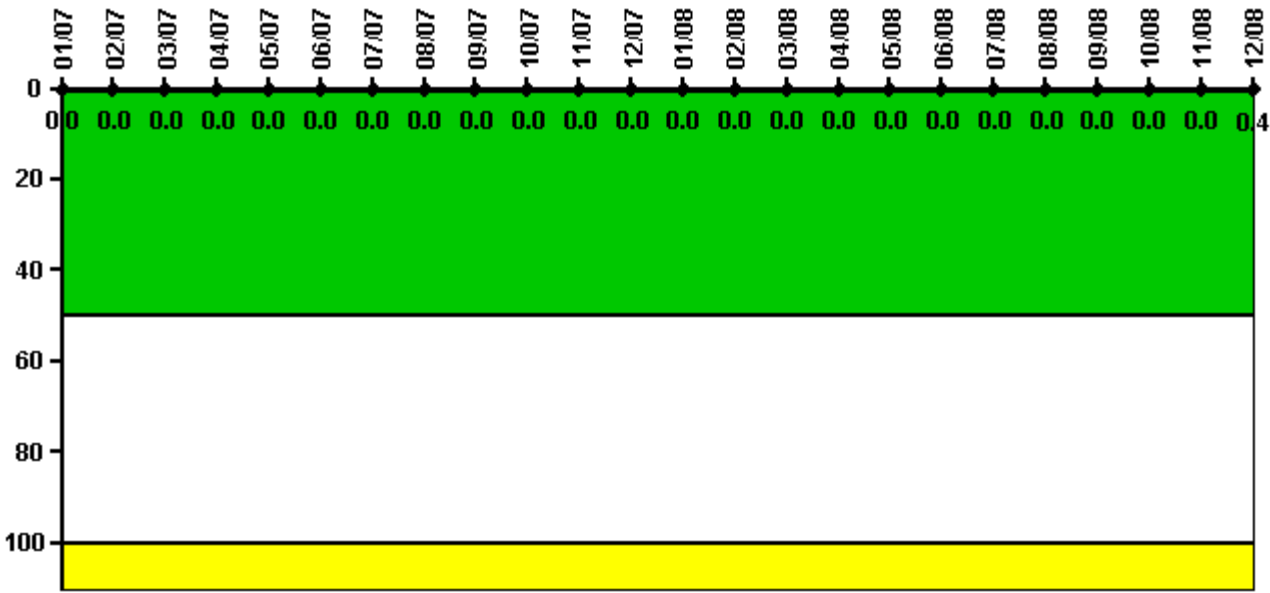
Notes

| 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 | 0.000279 | 0.000275 | 0.000453 | N/A | 0.000096 | 0.000126 | 0.000122 | 0.000142 | 0.000137 | 0.000169 | 0.000138 | 0.000127 |
| 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 | 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 | 0.000133 | 0.000136 | 0.000136 | 0.000258 | 0.000148 | 0.000150 | 0.000208 | 0.000159 | 0.000180 | 0.000283 | 0.000118 | 0.000126 |
| 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



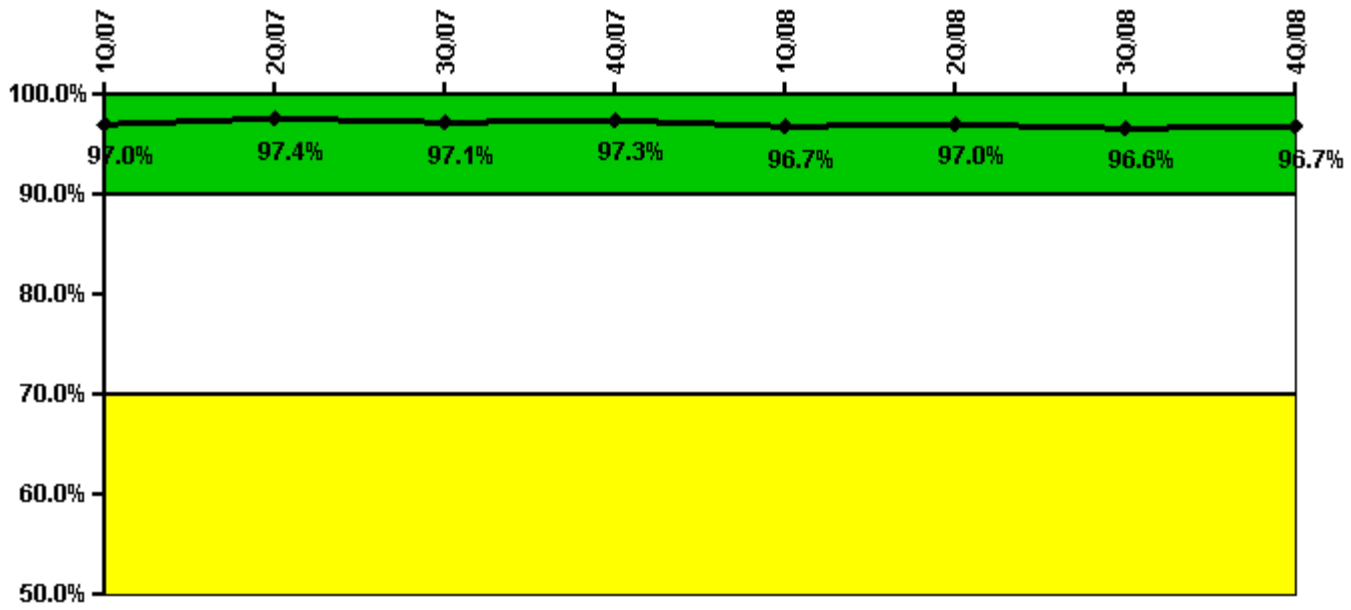
Thresholds: White > 50.0 Yellow > 100.0

Notes

| Reactor Coolant System Leakage | 1/07 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 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 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0.4 |

Licensee Comments: none

Drill/Exercise Performance



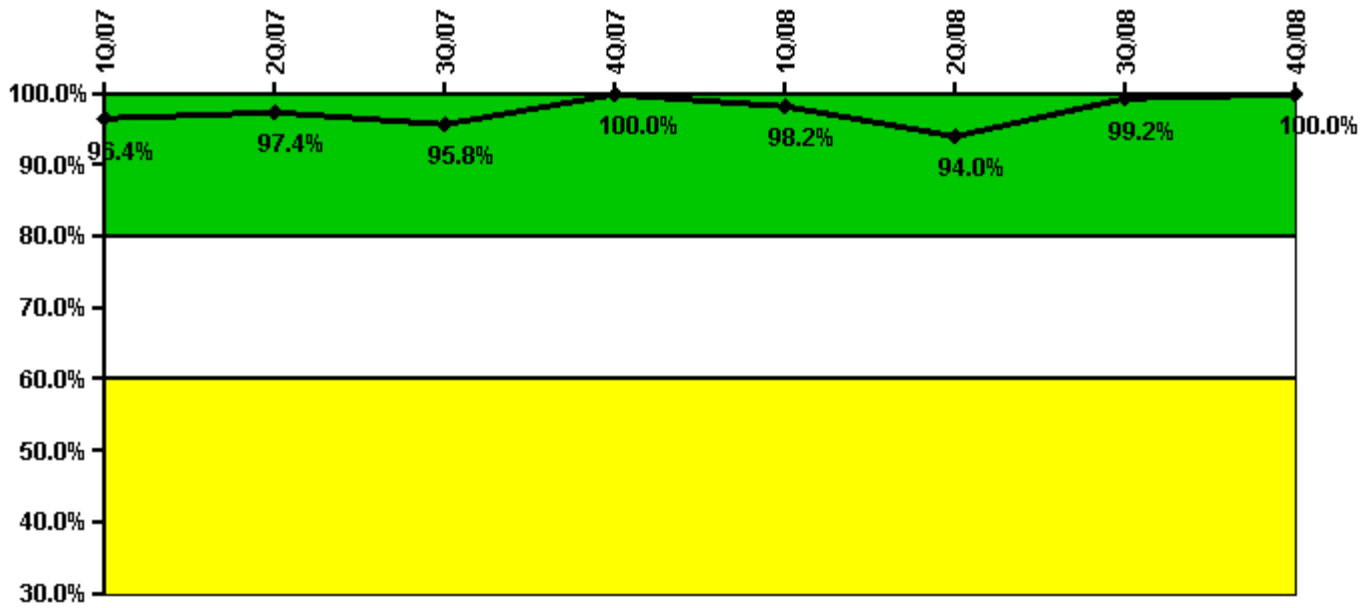
Thresholds: White < 90.0% Yellow < 70.0%

Notes

| Drill/Exercise Performance | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|
| Successful opportunities | 24.0 | 20.0 | 50.0 | 56.0 | 32.0 | 35.0 | 67.0 | 72.0 |
| Total opportunities | 24.0 | 20.0 | 52.0 | 58.0 | 34.0 | 36.0 | 70.0 | 74.0 |
| | | | | | | | | |
| Indicator value | 97.0% | 97.4% | 97.1% | 97.3% | 96.7% | 97.0% | 96.6% | 96.7% |

Licensee Comments: none

ERO Drill Participation



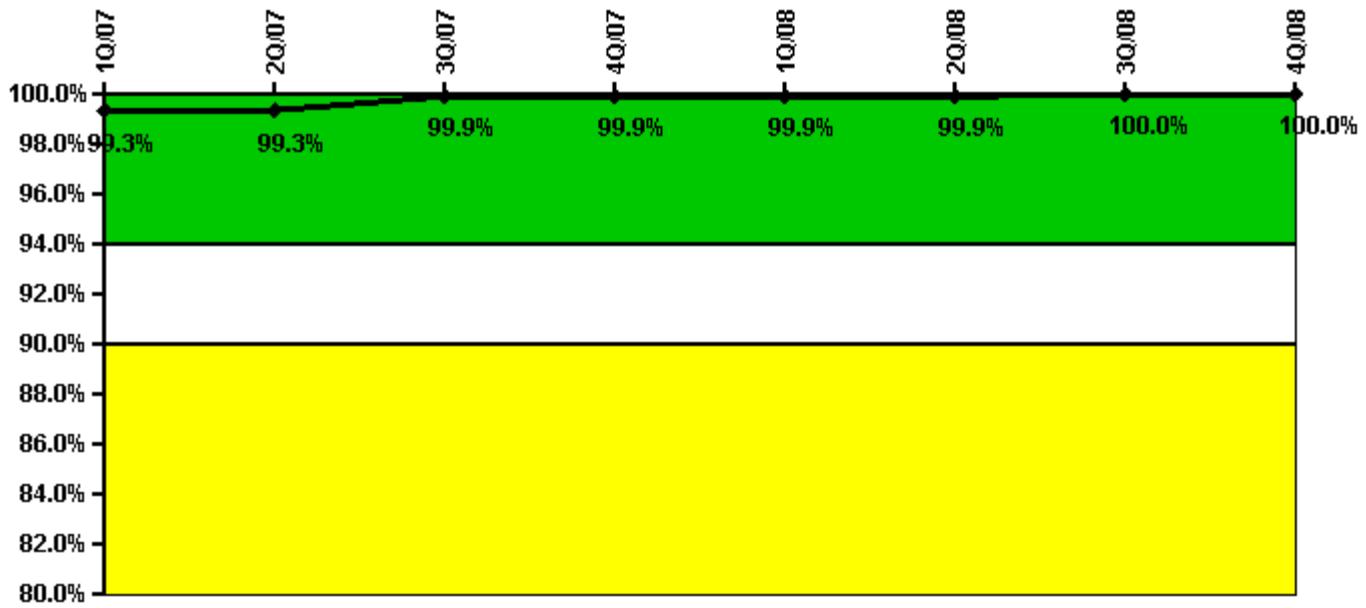
Thresholds: White < 80.0% Yellow < 60.0%

Notes

| ERO Drill Participation | 1Q/07 | 2Q/07 | 3Q/07 | 4Q/07 | 1Q/08 | 2Q/08 | 3Q/08 | 4Q/08 |
|-----------------------------|-------|-------|-------|--------|-------|-------|-------|--------|
| Participating Key personnel | 106.0 | 113.0 | 113.0 | 115.0 | 109.0 | 109.0 | 120.0 | 123.0 |
| Total Key personnel | 110.0 | 116.0 | 118.0 | 115.0 | 111.0 | 116.0 | 121.0 | 123.0 |
| Indicator value | 96.4% | 97.4% | 95.8% | 100.0% | 98.2% | 94.0% | 99.2% | 100.0% |

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 | 497 | 497 | 496 | 497 | 497 | 497 | 497 | 497 |
| Total sirens-tests | 497 | 497 | 497 | 497 | 497 | 497 | 497 | 497 |
| Indicator value | 99.3% | 99.3% | 99.9% | 99.9% | 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 | 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 | 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 | 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.