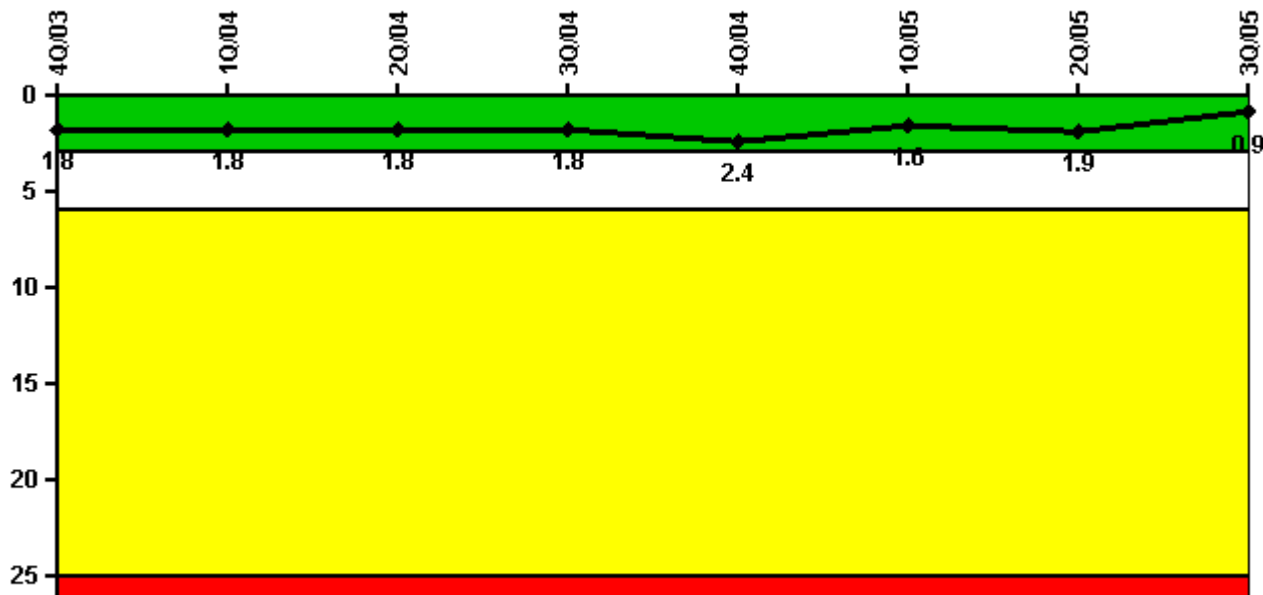


# Wolf Creek 1

## 3Q/2005 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



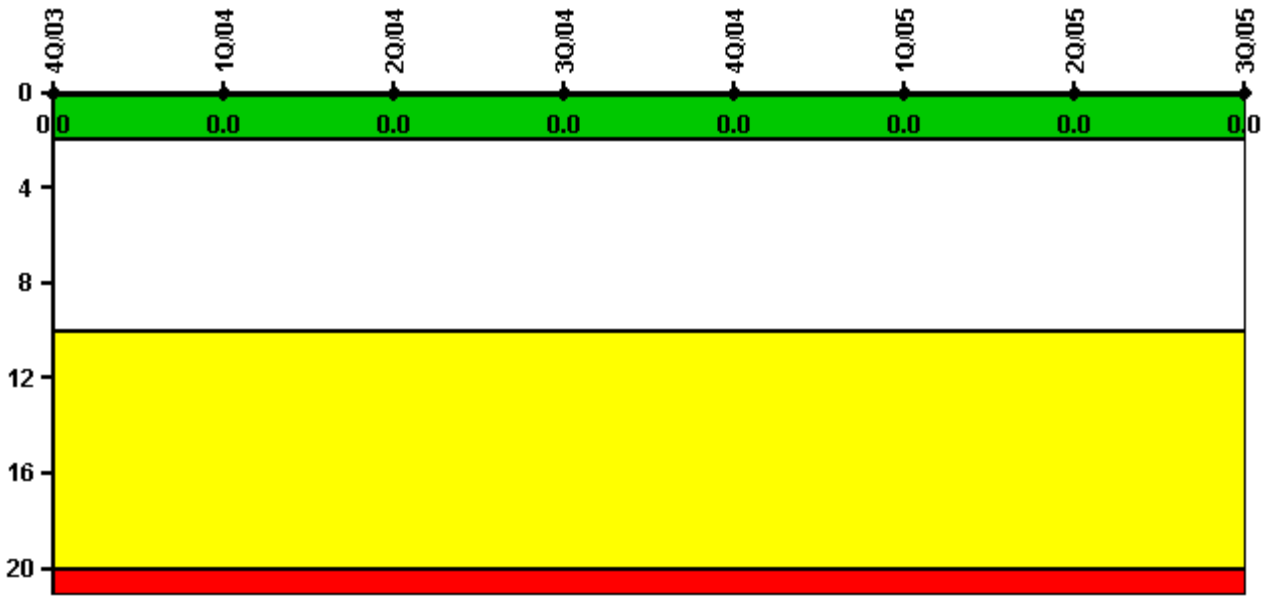
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### 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	1.0	0	1.0	1.0	0	0	0
Critical hours	1145.6	2128.7	2183.0	2178.4	2190.9	1934.3	1239.4	2208.0
Indicator value	1.8	1.8	1.8	1.8	2.4	1.6	1.9	0.9

Licensee Comments: none

### Scrams with Loss of Normal Heat Removal



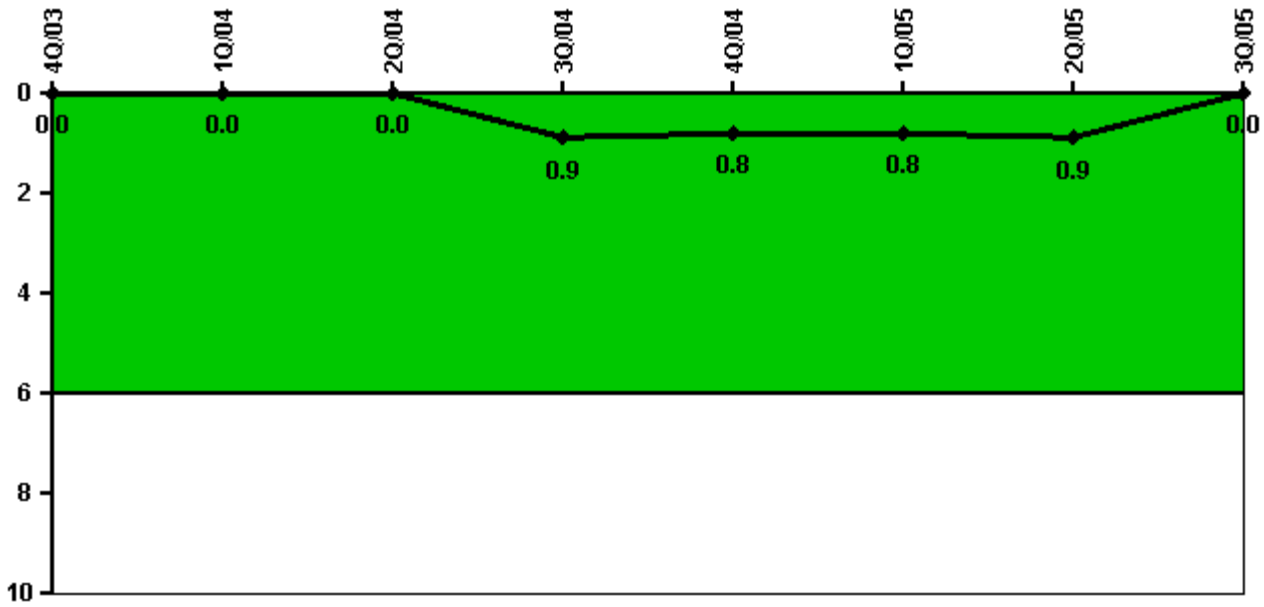
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### Notes

Scrams with Loss of Normal Heat Removal	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



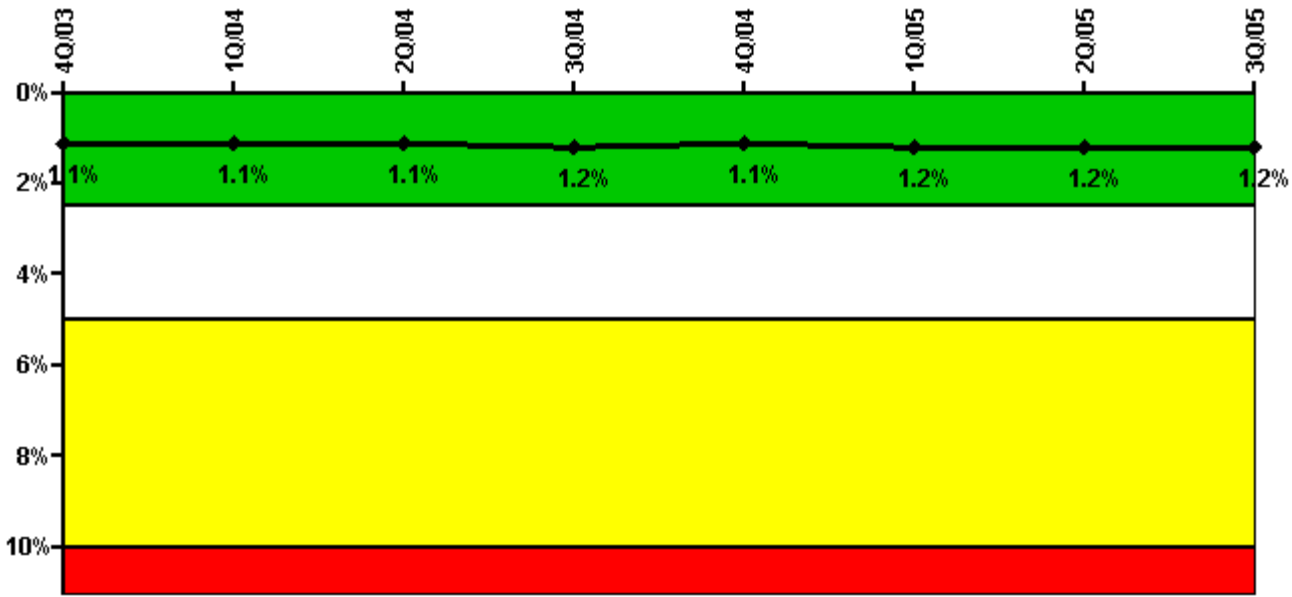
Thresholds: White > 6.0

#### 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	1.0	0	0	0	0
Critical hours	1145.6	2128.7	2183.0	2178.4	2190.9	1934.3	1239.4	2208.0
Indicator value	0	0	0	0.9	0.8	0.8	0.9	0

Licensee Comments: none

### Safety System Unavailability, Emergency AC Power



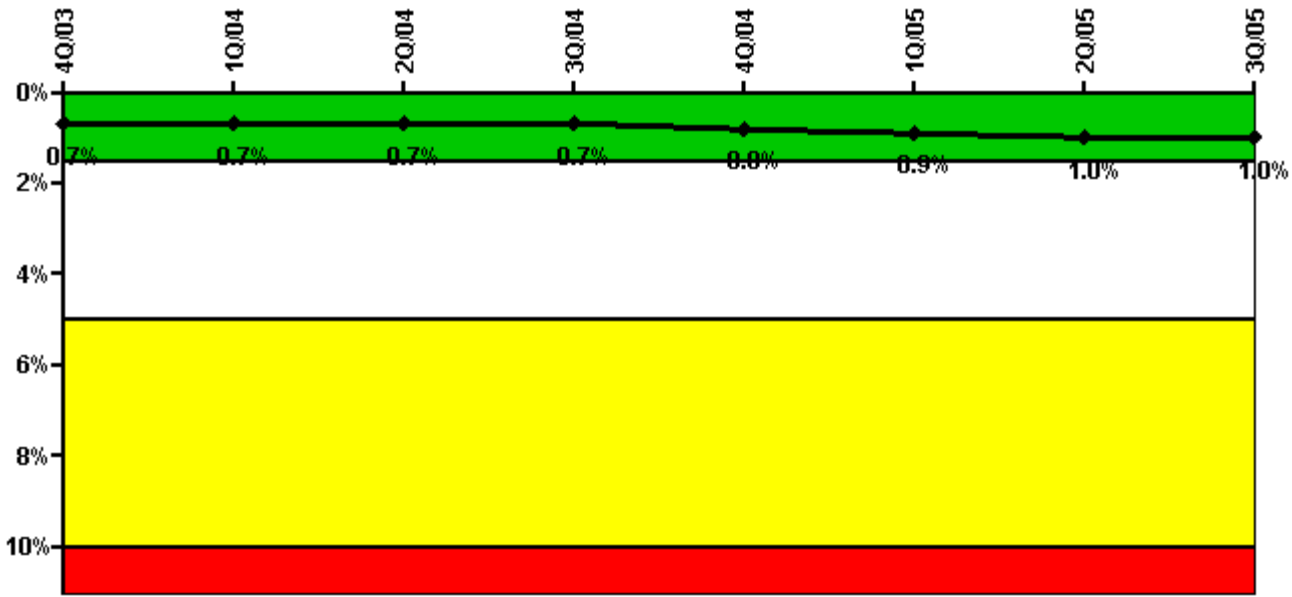
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

**Notes**

Safety System Unavailability, Emergency AC Power	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
<b>Train 1</b>								
Planned unavailable hours	18.62	7.29	21.35	2.25	33.77	83.58	16.39	0.35
Unplanned unavailable hours	0	0	0	0	6.53	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	1794.32	2184.00	2183.00	2208.00	2209.00	2160.00	1529.73	2208.00
<b>Train 2</b>								
Planned unavailable hours	0	26.77	0.34	61.58	0.35	30.89	22.73	20.63
Unplanned unavailable hours	0	0	0.60	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	1642.96	2184.00	2183.00	2208.00	2209.00	2160.00	2160.97	2208.00
<b>Indicator value</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.1%</b>	<b>1.2%</b>	<b>1.2%</b>	<b>1.2%</b>

Licensee Comments: none

### Safety System Unavailability, High Pressure Injection System (HPSI)



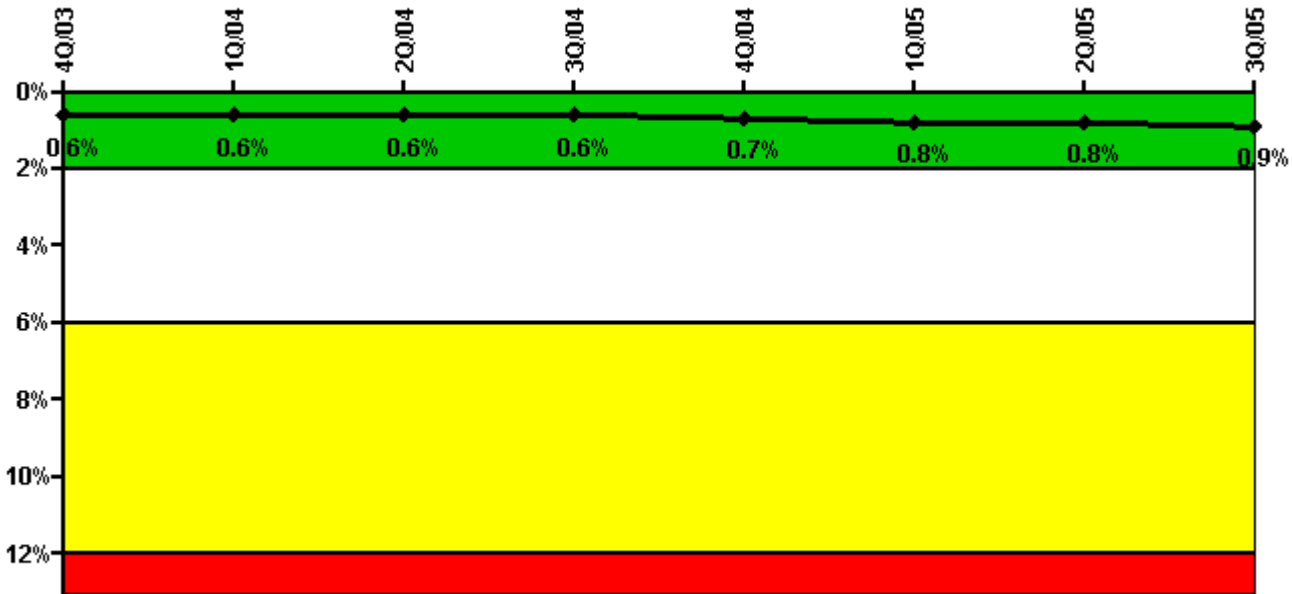
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

**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
<b>Train 1</b>								
Planned unavailable hours	33.36	0.41	15.95	1.56	73.09	32.21	9.91	0.68
Unplanned unavailable hours	0	0	0	0	0	0	36.88	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	1189.68	2184.00	2183.00	2208.00	2209.00	2160.00	1312.90	2208.00
<b>Train 2</b>								
Planned unavailable hours	5.30	7.69	20.63	12.73	37.05	20.38	0.47	16.07
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	1223.61	2184.00	2183.00	2208.00	2209.00	2160.00	1385.78	2208.00
<b>Train 3</b>								
Planned unavailable hours	6.64	0.33	26.28	12.07	41.85	31.53	17.49	10.60
Unplanned unavailable hours	0	0	0	0	0	0	36.88	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	1185.01	2184.00	2183.00	2208.00	2209.00	2160.00	1309.03	2208.00
<b>Train 4</b>								
Planned unavailable hours	0	7.49	0.51	25.03	4.35	20.13	17.48	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	1185.01	2184.00	2183.00	2208.00	2209.00	2160.00	1309.03	2208.00
<b>Indicator value</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>1.0%</b>	<b>1.0%</b>

Licensee Comments: none

### Safety System Unavailability, Heat Removal System (AFW)



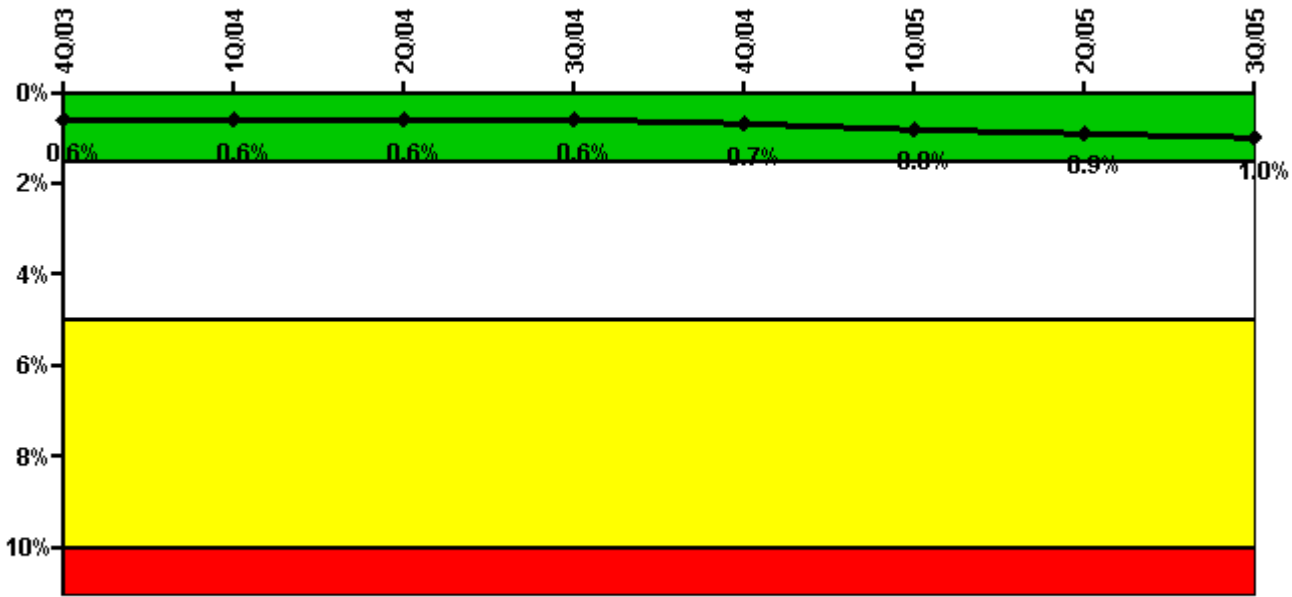
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

### Notes

Safety System Unavailability, Heat Removal System (AFW)	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
<b>Train 1</b>								
Planned unavailable hours	7.76	11.48	10.54	12.19	43.00	41.03	11.98	58.56
Unplanned unavailable hours	0	0	0	0	4.42	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	1185.01	2184.00	2183.00	2208.00	2209.00	2160.00	1309.03	2208.00
<b>Train 2</b>								
Planned unavailable hours	0	18.67	5.19	40.92	3.87	28.33	2.40	36.54
Unplanned unavailable hours	0	32.57	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	1185.01	2184.00	2183.00	2208.00	2209.00	2160.00	1309.03	2208.00
<b>Train 3</b>								
Planned unavailable hours	1.72	7.85	3.07	6.70	1.52	32.72	1.65	13.40
Unplanned unavailable hours	0	0	0	0	12.77	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	1185.01	2184.00	2183.00	2208.00	2209.00	2160.00	1309.03	2208.00
<b>Indicator value</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.8%</b>	<b>0.9%</b>

Licensee Comments: none

### Safety System Unavailability, Residual Heat Removal System



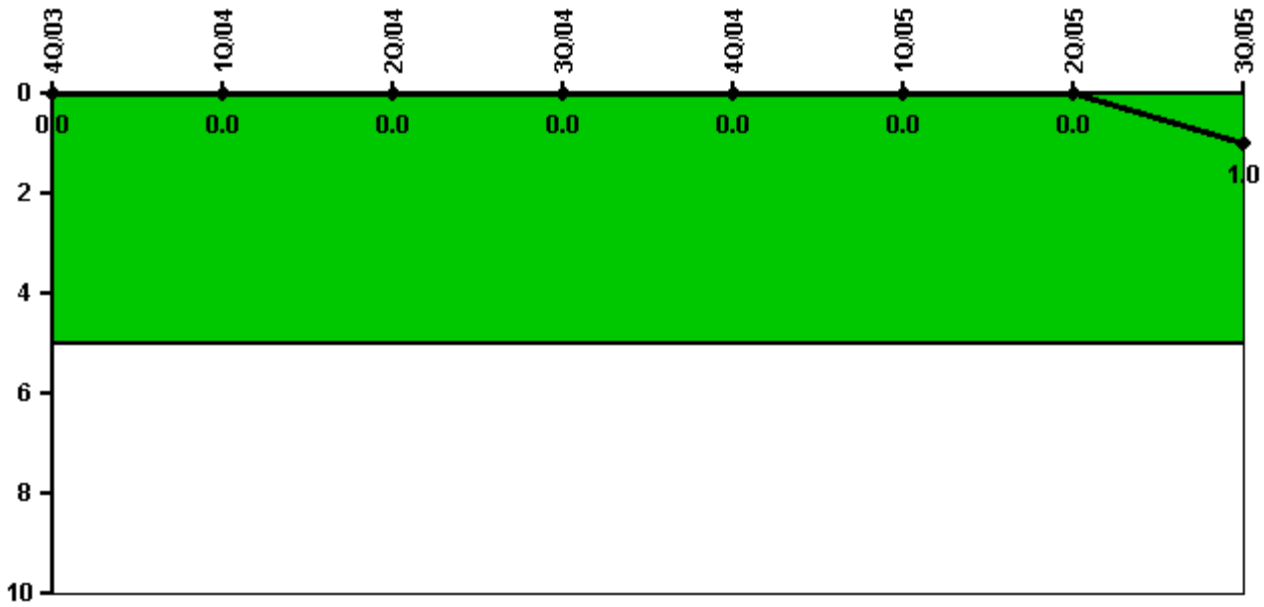
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, Residual Heat Removal System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
<b>Train 1</b>								
Planned unavailable hours	10.54	3.45	22.64	1.19	66.93	69.39	9.20	27.12
Unplanned unavailable hours	0	0	0	0	0	0	36.88	1.25
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1790.62	2184.00	2183.00	2208.00	2209.00	2160.00	1743.38	2208.00
<b>Train 2</b>								
Planned unavailable hours	4.58	7.49	6.43	12.50	23.60	26.48	2.45	15.83
Unplanned unavailable hours	0	0	0	0	0	0	0	1.40
Fault exposure hours	0	0	0	0	0	0	0	0
Effective Reset hours	0	0	0	0	0	0	0	0
Required hours	1835.85	2184.00	2183.00	2208.00	2209.00	2160.00	1830.18	2208.00
<b>Indicator value</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.6%</b>	<b>0.7%</b>	<b>0.8%</b>	<b>0.9%</b>	<b>1.0%</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

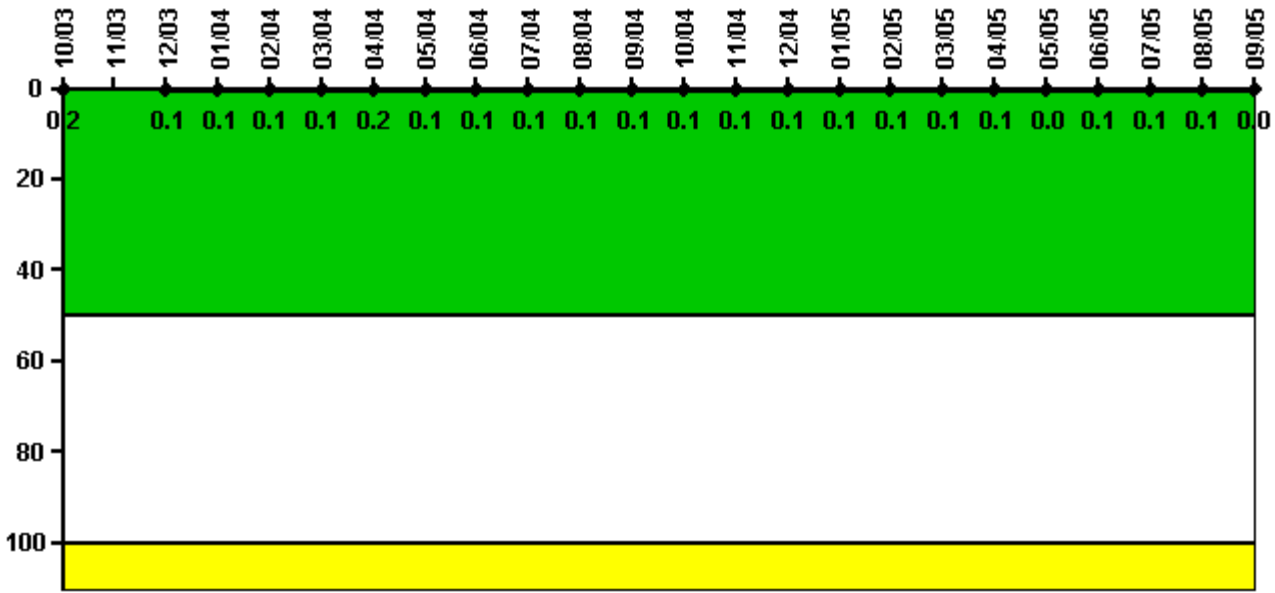
#### Notes

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	0	0	0	1
Indicator value	0	0	0	0	0	0	0	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	0.002000	N/A	0.001000	0.001000	0.001000	0.001000	0.002000	0.001000	0.001000	0.001000	0.001000	0.001000
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	N/A	0.1	0.1	0.1	0.1	0.2	0.1	0.1	0.1	0.1	0.1

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	0.001000	0.001000	0.001000	0.001000	0.001000	0.001000	0.001000	0.000400	0.000500	0.000500	0.000500	0.000400
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	0.1	0.1	0.1	0

Licensee Comments: none

### Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

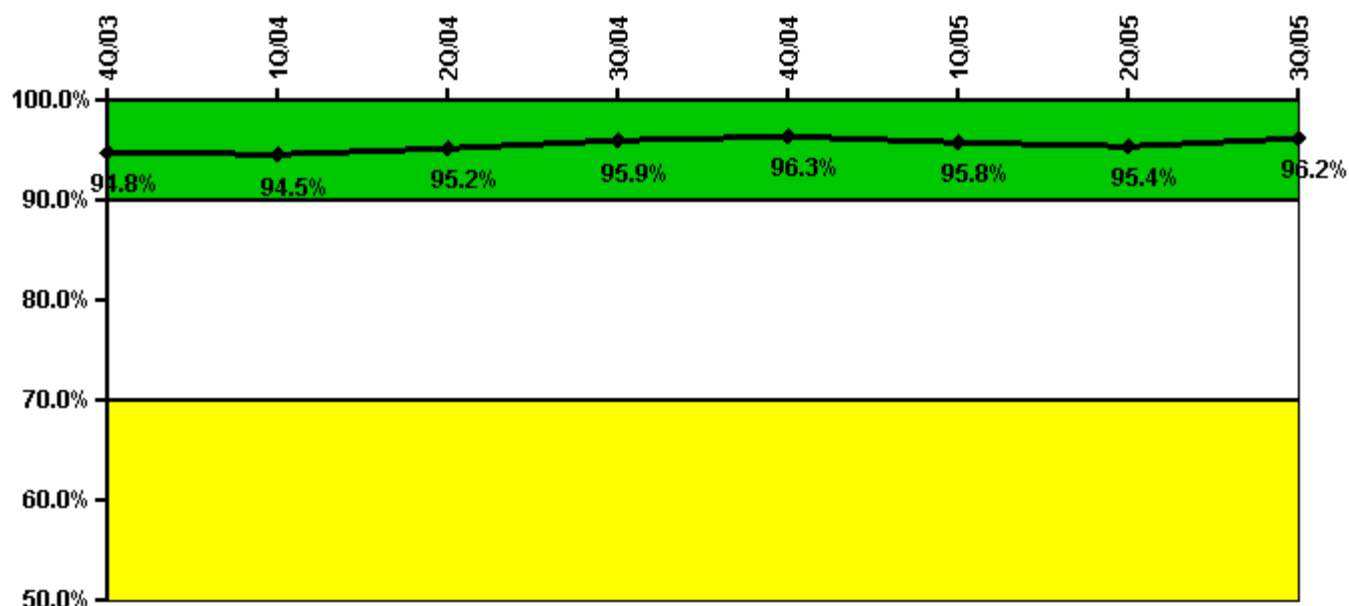
Reactor Coolant System Leakage	10/03	11/03	12/03	1/04	2/04	3/04	4/04	5/04	6/04	7/04	8/04	9/04
Maximum leakage	0.020	0.190	0.120	0.100	0.110	0.110	0.110	0.090	0.100	0.110	0.110	0.100
Technical specification limit	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value	0.2	1.9	1.2	1.0	1.1	1.1	1.1	0.9	1.0	1.1	1.1	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	0.090	0.100	0.100	0.100	0.110	0.100	0.100	0.180	0.170	0.180	0.180	0.180
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	1.0	1.0	1.0	1.1	1.0	1.0	1.8	1.7	1.8	1.8	1.8

Licensee Comments: none

### Drill/Exercise Performance



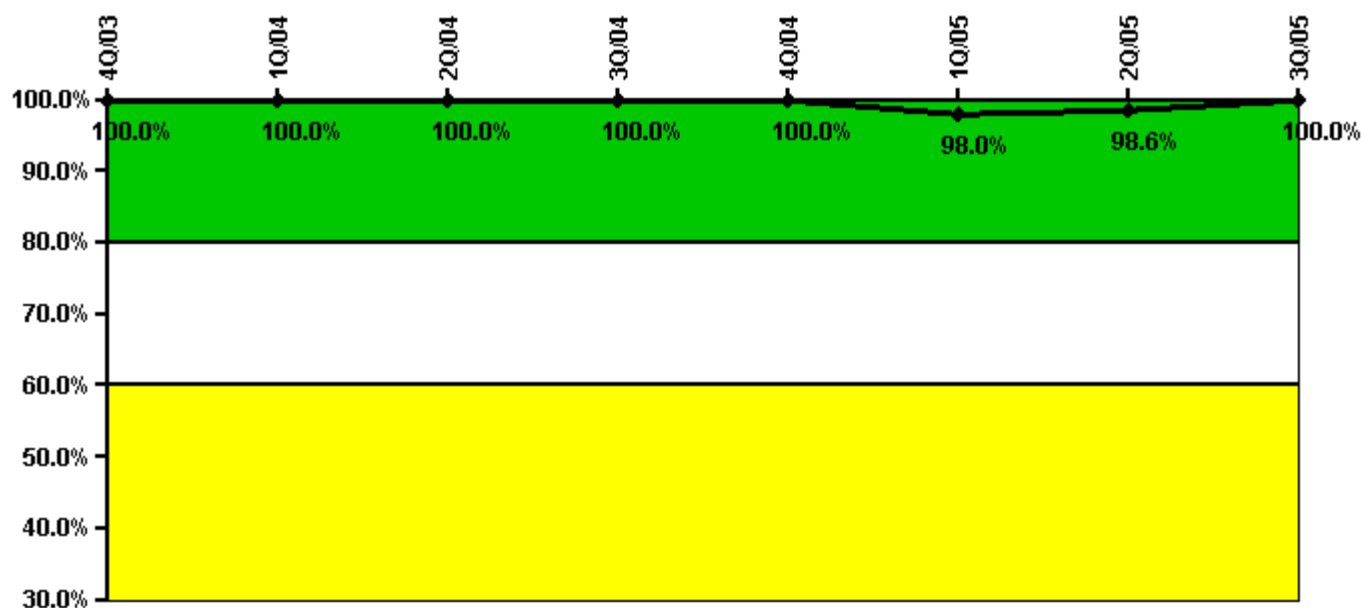
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful opportunities	0	33.0	35.0	28.0	48.0	19.0	15.0	49.0
Total opportunities	0	36.0	36.0	28.0	49.0	22.0	16.0	49.0
Indicator value	94.8%	94.5%	95.2%	95.9%	96.3%	95.8%	95.4%	96.2%

Licensee Comments: none

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

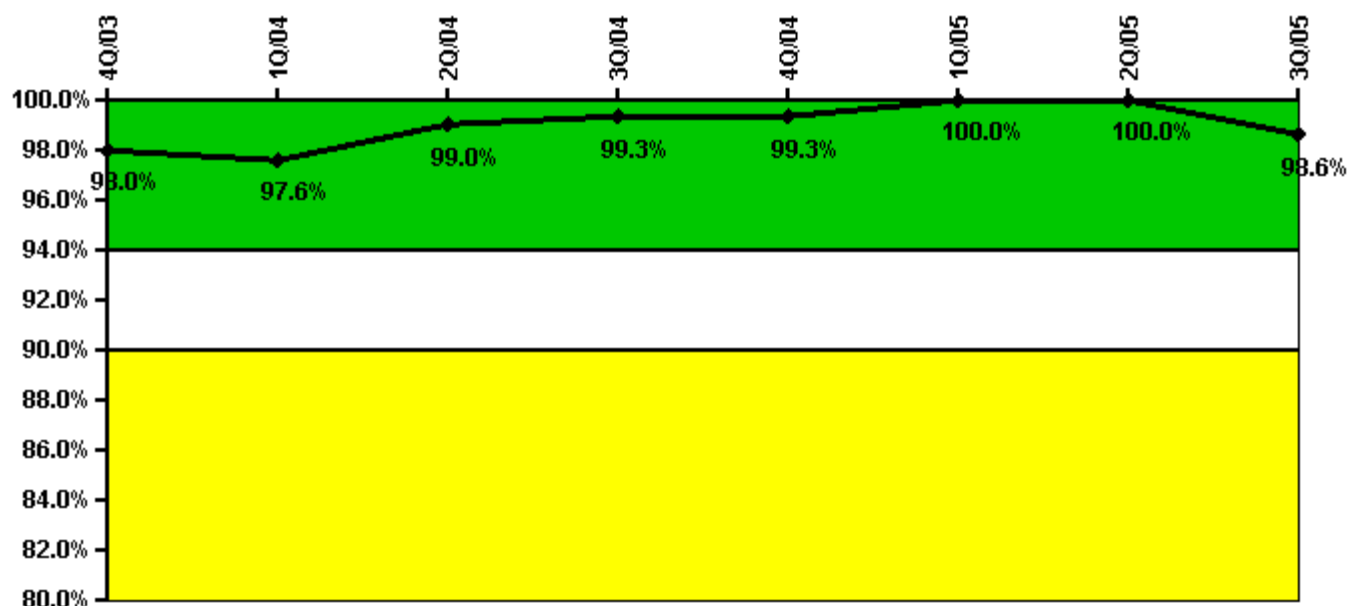
#### Notes

ERO Drill Participation	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Participating Key personnel	44.0	45.0	46.0	46.0	46.0	48.0	69.0	69.0
Total Key personnel	44.0	45.0	46.0	46.0	46.0	49.0	70.0	69.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	98.0%	98.6%	100.0%

Licensee Comments:

2Q/05: Number Key personnel changed due to the addition of Key Communicator in 05-Q2 per NEI 99-02 Rev 3. One member assigned to fill two key positions omitted; 05-Q2 data was inaccurate. Corrected values: 69 Key Participating Personnel & 70 Total Key Personnel.

### Alert & Notification System



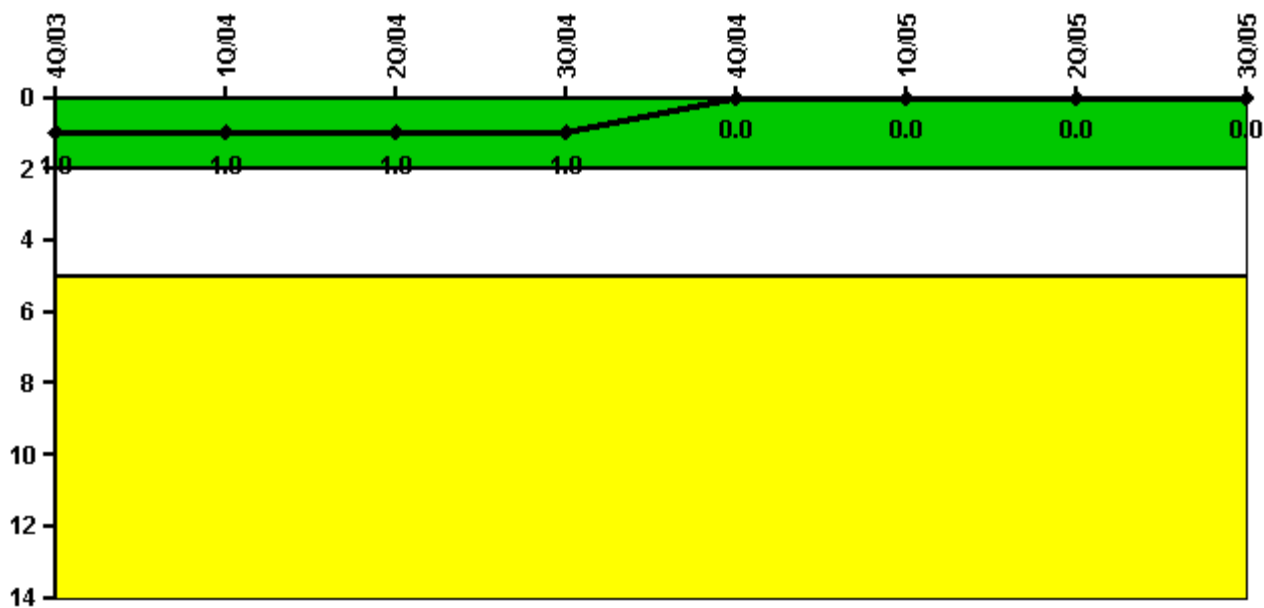
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/03	1Q/04	2Q/04	3Q/04	4Q/04	1Q/05	2Q/05	3Q/05
Successful siren-tests	66	75	66	77	66	77	66	73
Total sirens-tests	66	77	66	77	66	77	66	77
Indicator value	98.0%	97.6%	99.0%	99.3%	99.3%	100.0%	100.0%	98.6%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



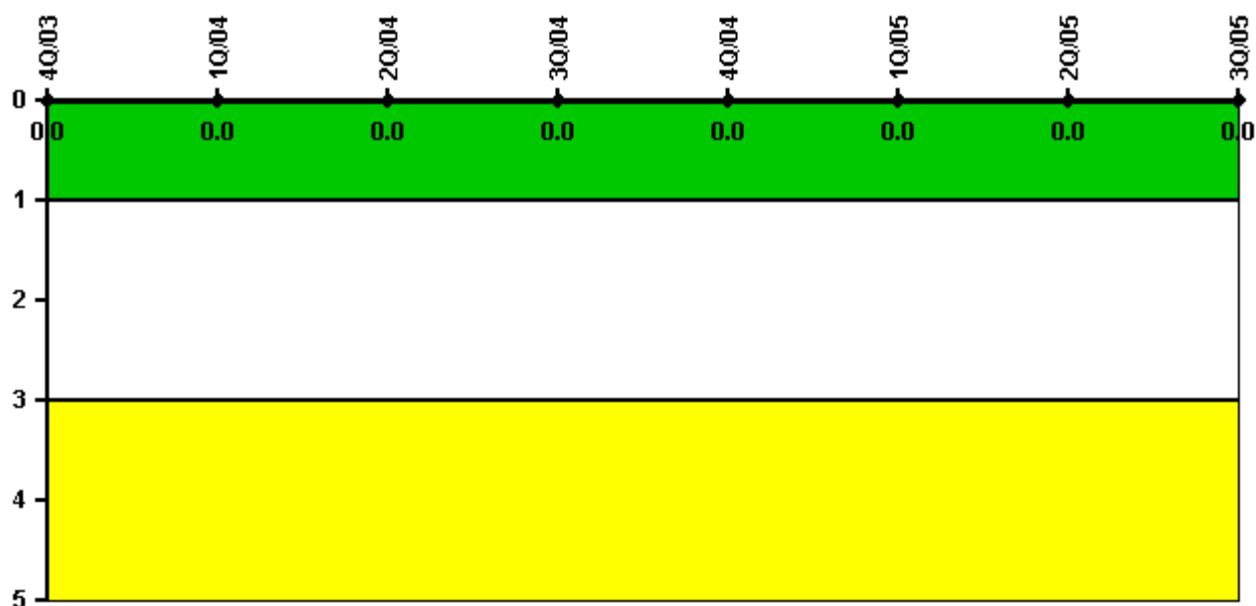
Thresholds: White > 2.0 Yellow > 5.0

#### 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	0	0	0	0	0	0	0
Very high radiation area occurrences	1	0	0	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0	0	0	0
<b>Indicator value</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>

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	0	0	0	0	0	0	0

Licensee Comments: none

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