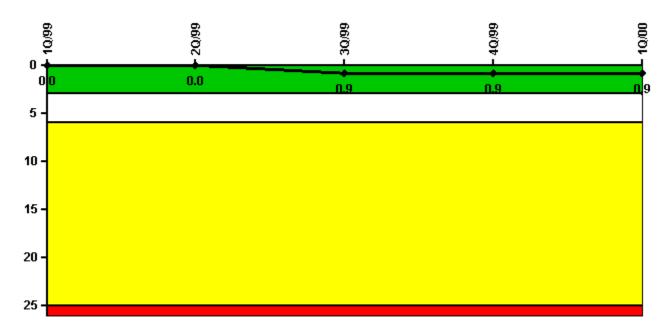
### **Wolf Creek 1**

#### 1Q/2000 Performance Indicators

Licensee's General Comments: WCNOC used NEI 99-02 Revision D for this submittal.

### Unplanned Scrams per 7000 Critical Hrs

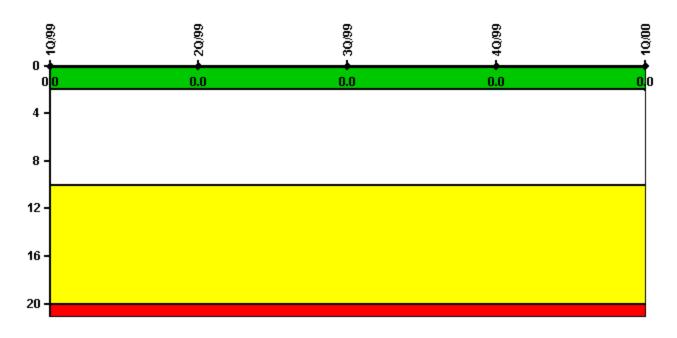


Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	0	1.0	0	0
Critical hours	2160.0	1328.8	2192.0	2209.0	2184.0
Indicator value	0	0	0.9	0.9	0.9

### Scrams with Loss of Normal Heat Removal

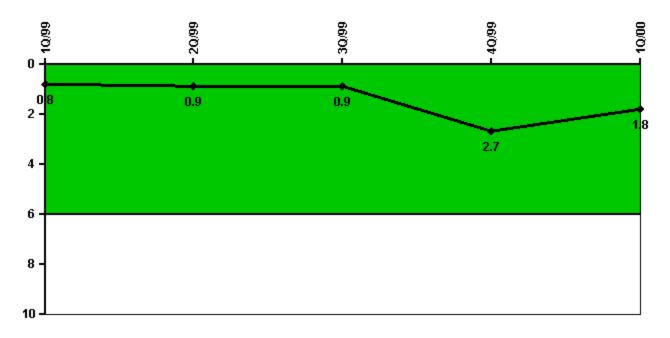


Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

#### 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	0	0	0	0	0

# 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	1.0	0	0	2.0	0
Critical hours	2160.0	1328.8	2192.0	2209.0	2184.0
Indicator value	0.8	0.9	0.9	2.7	1.8

### 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	1.40	27.89	4.50	35.20	54.64
Unplanned unavailable hours	78.90	0	0	44.40	10.90
Fault exposure hours	395.50	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	26.60	3.51	19.89	3.58	38.68
Unplanned unavailable hours	1.90	36.10	0	3.33	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				2.2%	2.2%

#### Licensee Comments:

1Q/99: First Quarter 1999: WCNOC has removed 395.5 fault exposure hours in accordance with NEI 99-02, Rev. 0 requirements: 1) Four quarters have elapsed since the time of discovery (2/1999), 2) The hours accrued were greater than or equal to 336, 3) Corrective actions associated with the item to preclude recurrence have been completed, and 4) Supplemental inspection activities (50-482/99-17) have been completed and all items closed. Based upon meeting the above requirements, WCNOC removed the hours in May 2000.

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

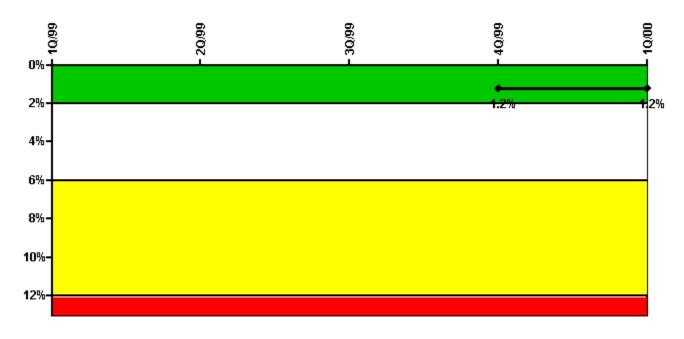


Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

#### Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	18.78	6.83	2.02	36.27	50.80
Unplanned unavailable hours	43.67	0	0	44.33	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1328.80	2192.00	2209.00	2184.00
Train 2					
Planned unavailable hours	3.59	1.83	7.91	40.98	54.10
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	2160.00	1328.80	2192.00	2209.00	2184.00
Train 3					
Planned unavailable hours	6.66	0.42	8.00	0.38	61.59
Unplanned unavailable hours	43.40	0	0	44.33	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1328.80	2192.00	2209.00	2184.00
Train 4					
Planned unavailable hours	8.92	0.25	0	0.15	50.49
Unplanned unavailable hours	9.10	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1328.80	2192.00	2209.00	2184.00
Indicator value				0.7%	0.9%

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

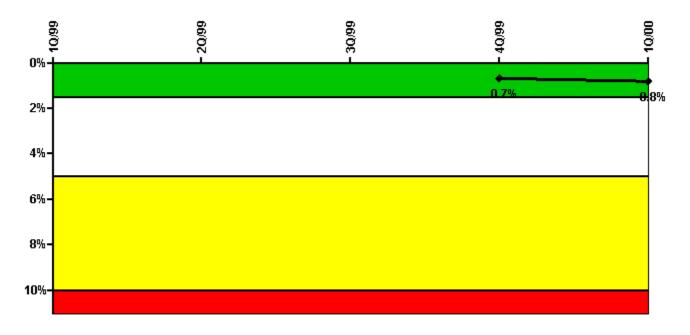


Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

### Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	84.78	21.88	8.21	22.52	67.52
Unplanned unavailable hours	0	0	0	44.40	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1328.80	2192.00	2209.00	2184.00
Train 2					
Planned unavailable hours	29.95	0.55	39.10	16.40	45.22
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	1328.80	2192.00	2209.00	2184.00
Train 3					
Planned unavailable hours	23.73	10.71	13.74	3.14	14.86
Unplanned unavailable hours	0	0	7.00	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2160.00	1328.80	2192.00	2209.00	2184.00
Indicator value				1.2%	1.2%

### Safety System Unavailability, Residual Heat Removal System



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

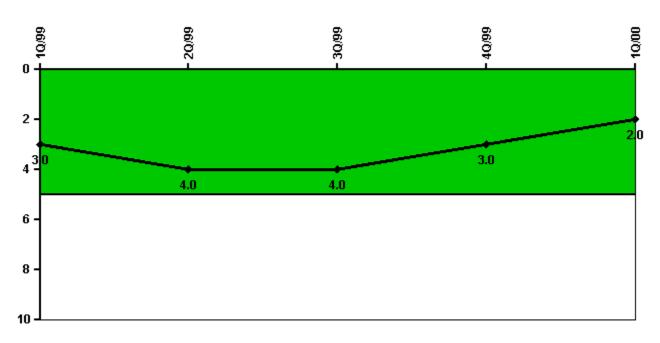
#### Notes

Safety System Unavailability, Residual Heat Ren	noval System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1						
Planned unavailable hours		30.53	0.33	0.22	21.70	51.43
Unplanned unavailable hours		43.40	0	0	44.40	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		18.65	0.74	0.11	15.93	32.33
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	2208.00	2209.00	2184.00
Indicator value					0.7%	0.8%

Licensee Comments:

1Q/00: Changed B Train RHR planned unavailability from 1.12 hours to 0.21 based on additional system reviews.

# Safety System Functional Failures (PWR)

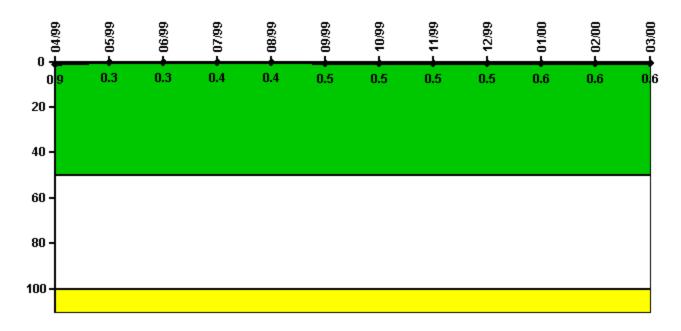


Thresholds: White > 5.0

### Notes

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

### **Reactor Coolant System Activity**

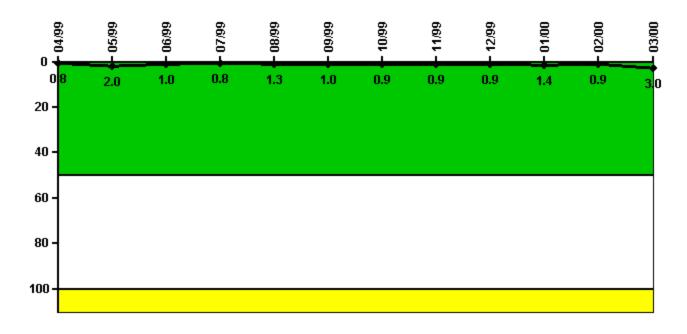


Thresholds: White > 50.0 Yellow > 100.0

### 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	0.008800	0.003100	0.003400	0.003700	0.004100	0.004500	0.004600	0.005100	0.005100	0.005600	0.005800	0.006300
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	0.9	0.3	0.3	0.4	0.4	0.5	0.5	0.5	0.5	0.6	0.6	0.6

### Reactor Coolant System Leakage

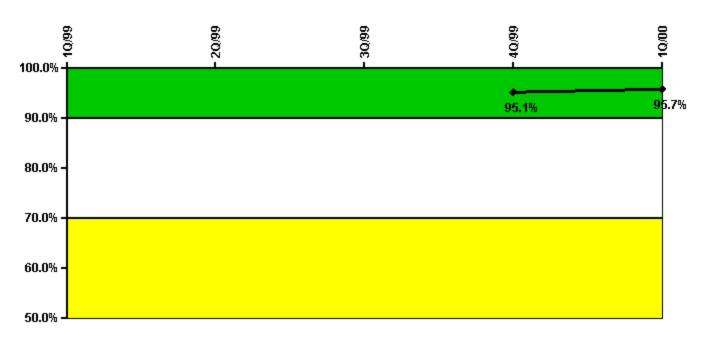


Thresholds: White > 50.0 Yellow > 100.0

### 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	0.076	0.199	0.097	0.083	0.125	0.095	0.094	0.090	0.086	0.135	0.090	0.295
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	2.0	1.0	0.8	1.3	1.0	0.9	0.9	0.9	1.4	0.9	3.0

#### 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	41.0	10.0	60.0	57.0	56.0
Total opportunities	42.0	10.0	61.0	60.0	57.0
Indicator value				95.1%	95.7%

#### Licensee Comments:

1Q/00: Previously reported a quarterly number for March 2000 that was revised to show just March statistics. In addition for one drill during the month of March one opportunity was removed due to lack of supporting records.

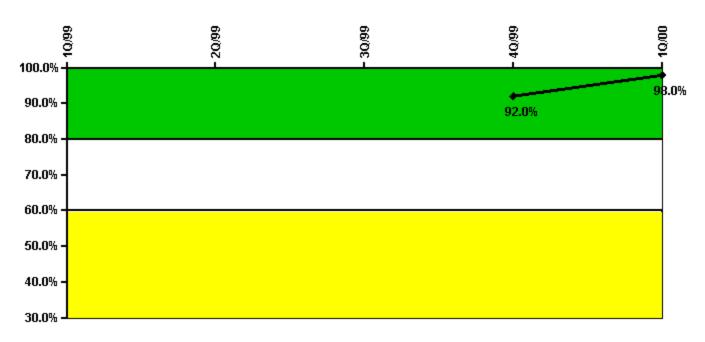
4Q/99: Previously reported 58 successes with 62 opportunities; revised to removed a failure to meet procedural expectations item that was counted twice and should have only been counted once.

3Q/99: Document reviews disclosed records supporting additional opportunities for this period.

2Q/99: Document reviews disclosed that records supporting a second classification were not evident, therefore the previously reported 12 opportunities and 12 successes were revised to 10 opportunities and 10 successes.

3Q/98: Data for 3rd quarter 1998 was previously reported as 41 successes with 43 opportunities, this data has been revised due to additional document reviews.

# **ERO Drill Participation**

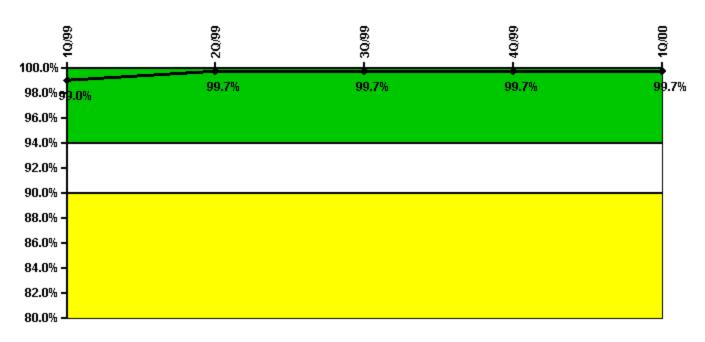


Thresholds: White < 80.0% Yellow < 60.0%

#### Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel	0	0	0	46.0	48.0
Total Key personnel	0	0	0	50.0	49.0
Indicator value				92.0%	98.0%

### **Alert & Notification System**

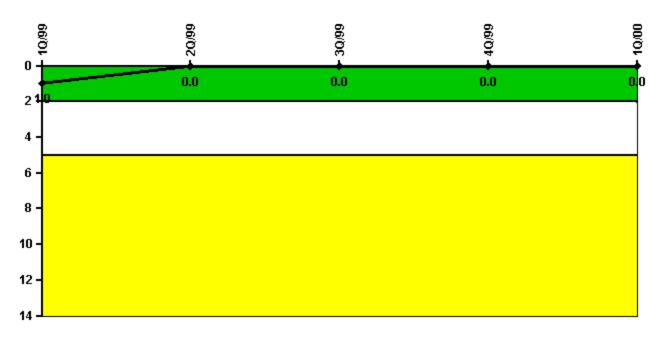


Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	66	77	66	78	77
Total sirens-tests	66	78	66	78	77
Indicator value	99.0%	99.7%	99.7%	99.7%	99.7%

# Occupational Exposure Control Effectiveness

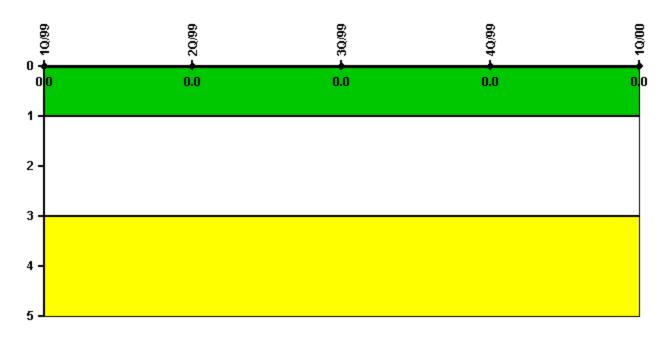


Thresholds: White > 2.0 Yellow > 5.0

#### 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	0	0	0	0	0
Unintended exposure occurrences	0	0	0	0	0
Indicator value	1	0	0	0	0

# **RETS/ODCM Radiological Effluent**

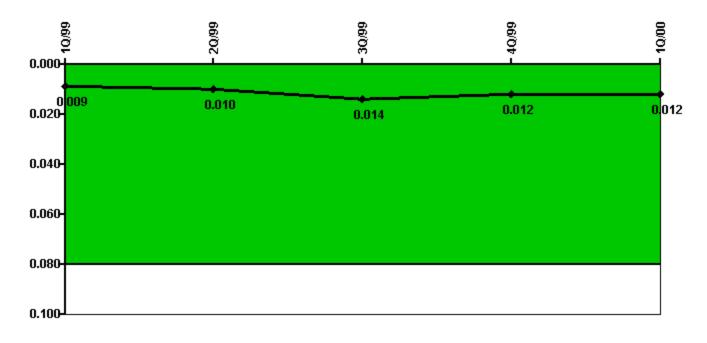


Thresholds: White > 1.0 Yellow > 3.0

### 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

### **Protected Area Security Performance Index**

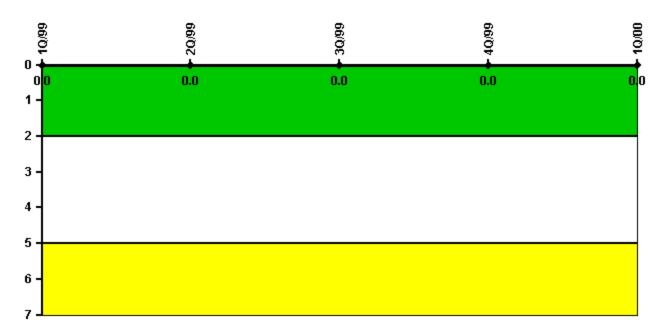


Thresholds: White > 0.080

### Notes

Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours	58.20	0	120.90	0.60	98.10
CCTV compensatory hours	28.1	42.1	31.6	17.9	3.4
IDS normalization factor	1.50	1.50	1.50	1.50	1.50
CCTV normalization factor	1.3	1.3	1.3	1.3	1.3
Index Value	0.009	0.010	0.014	0.012	0.012

### **Personnel Screening Program**

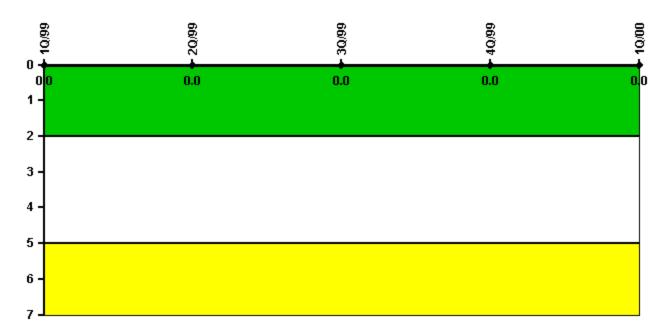


Thresholds: White > 2.0 Yellow > 5.0

### 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

### 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

A PI Summary | Inspection Findings Summary | Reactor Oversight Process

Last Modified: April 1, 2002