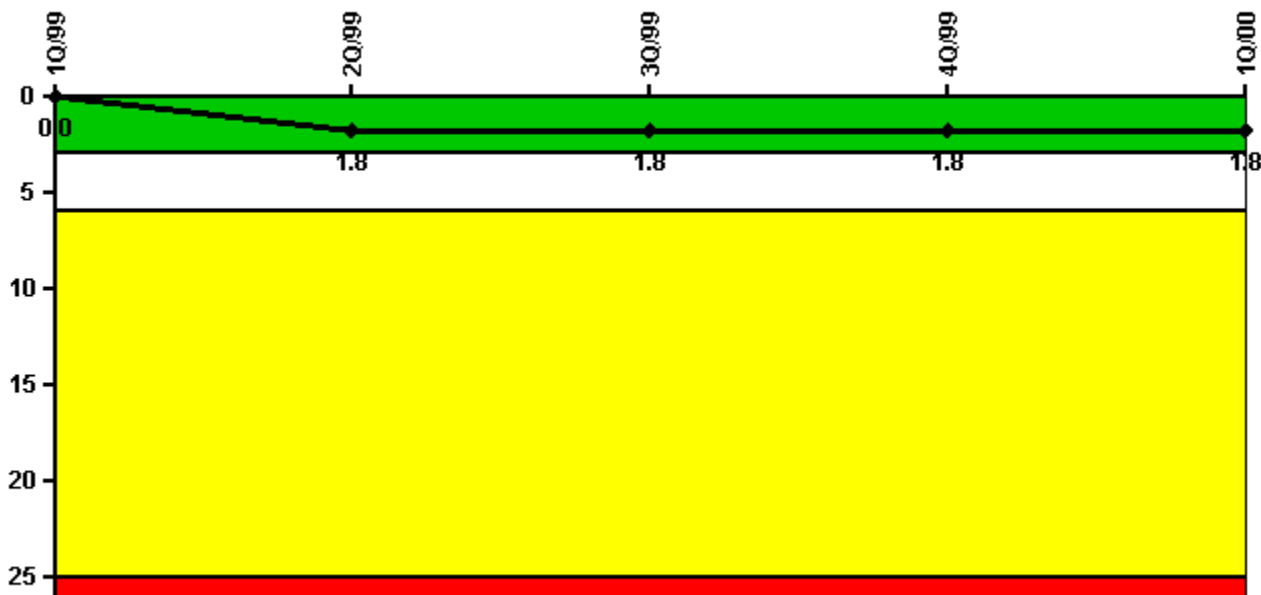


San Onofre 3

1Q/2000 Performance Indicators

Licensee's General Comments: none

Unplanned Scrams per 7000 Critical Hrs



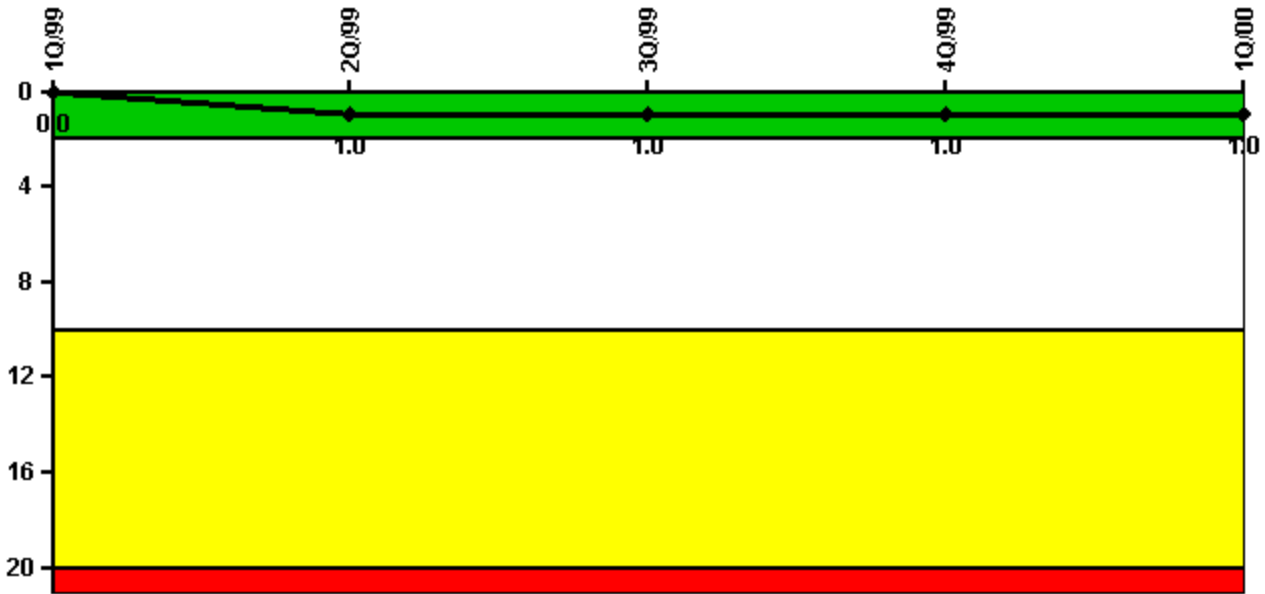
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

Notes

Unplanned Scrams per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned scrams	0	2.0	0	0	0
Critical hours	2051.6	1252.8	2208.0	2209.0	2184.0
Indicator value	0	1.8	1.8	1.8	1.8

Licensee Comments: none

Scrams with Loss of Normal Heat Removal



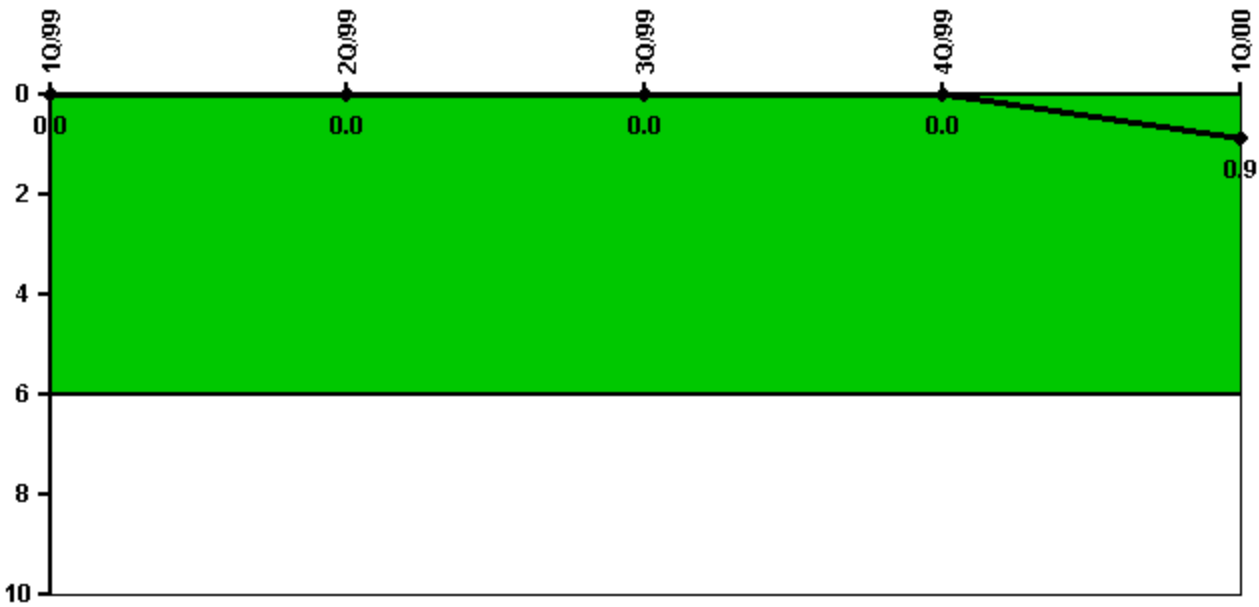
Thresholds: White > 2.0 Yellow > 10.0 Red > 20.0

Notes

Scrams with Loss of Normal Heat Removal	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Scrams	0	1.0	0	0	0
Indicator value	0	1.0	1.0	1.0	1.0

Licensee Comments: none

Unplanned Power Changes per 7000 Critical Hrs



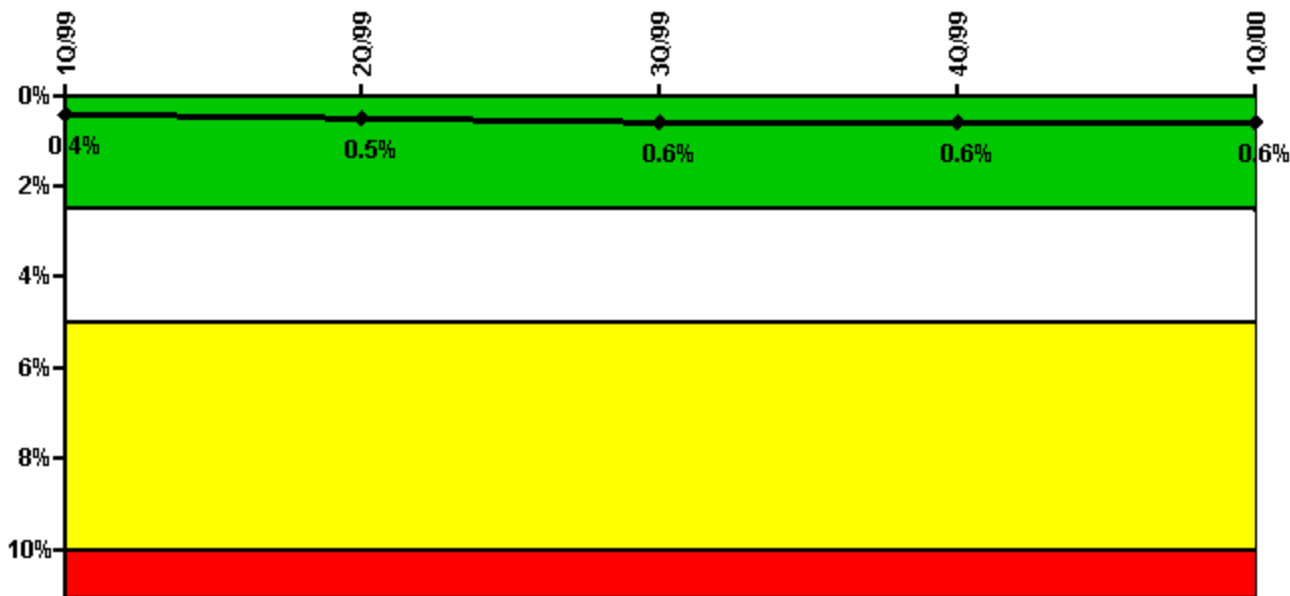
Thresholds: White > 6.0

Notes

Unplanned Power Changes per 7000 Critical Hrs	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Unplanned power changes	0	0	0	0	1.0
Critical hours	2051.6	1252.8	2208.0	2209.0	2184.0
Indicator value	0	0	0	0	0.9

Licensee Comments: none

Safety System Unavailability, Emergency AC Power



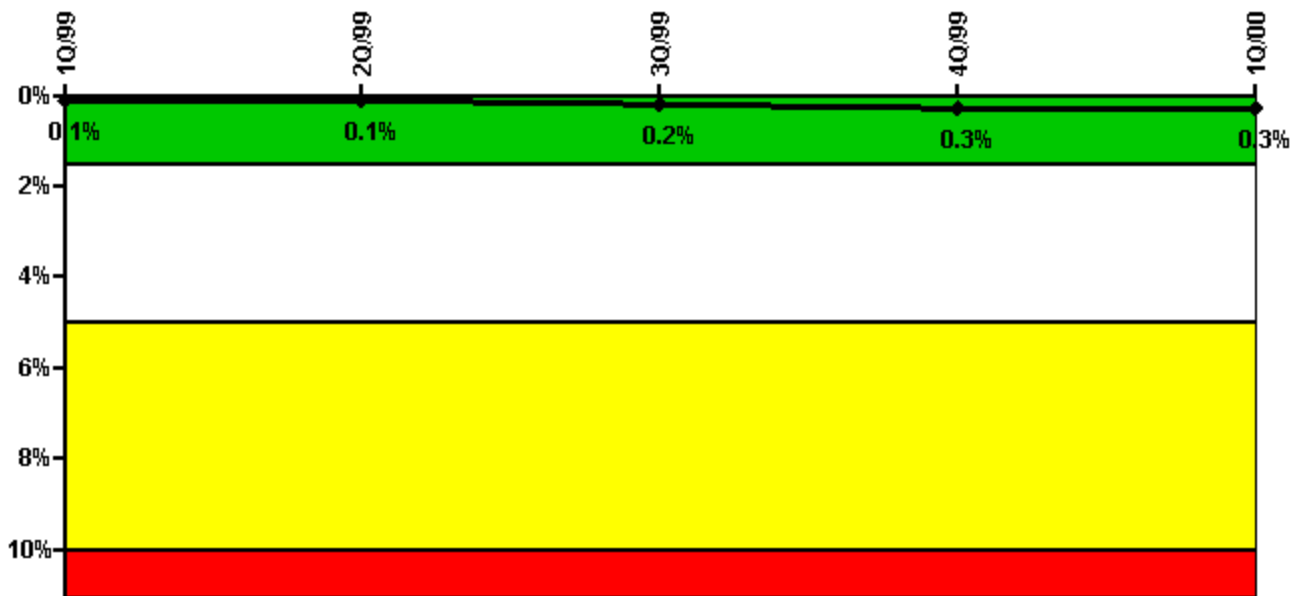
Thresholds: White > 2.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, Emergency AC Power	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	17.40	4.60	23.80	3.20
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
Train 2					
Planned unavailable hours	0	1.10	38.60	0	28.00
Unplanned unavailable hours	0	0.50	25.00	0	0
Fault exposure hours	0	69.20	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	0.4%	0.5%	0.6%	0.6%	0.6%

Licensee Comments: none

Safety System Unavailability, High Pressure Injection System (HPSI)



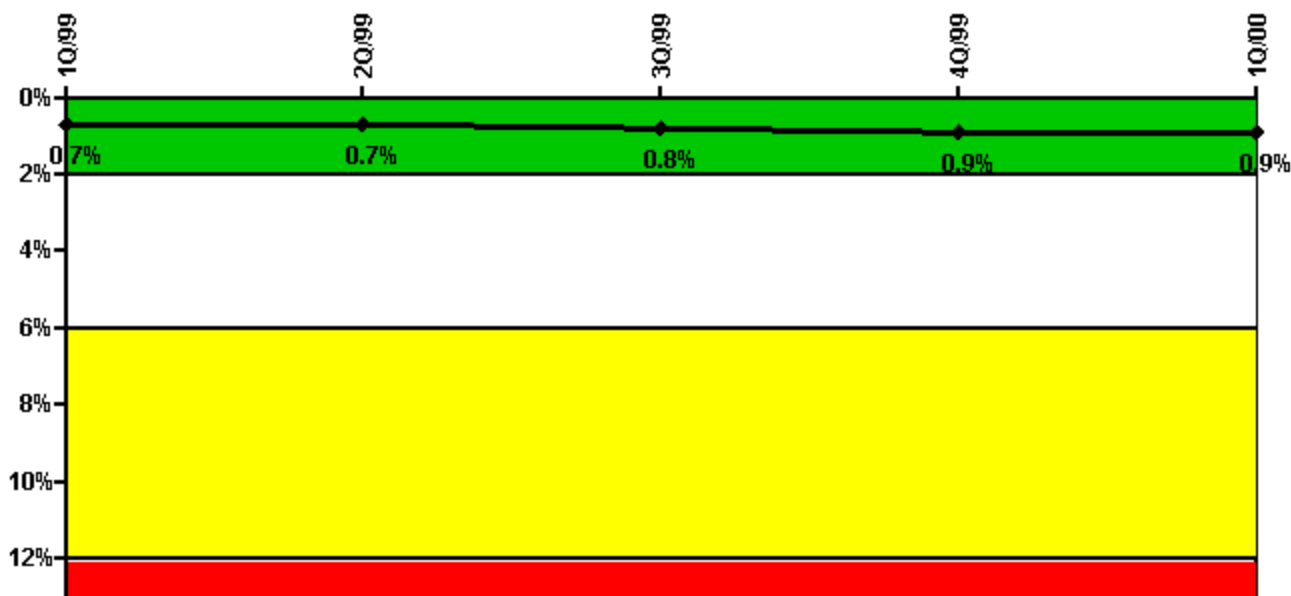
Thresholds: White > 1.5% Yellow > 5.0% Red > 10.0%

Notes

Safety System Unavailability, High Pressure Injection System (HPSI)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	80.20	18.10	6.60
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	2052.00	1253.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	0	0	0	1.70
Unplanned unavailable hours	0	0	0	0	0.70
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2052.00	1253.00	2208.00	2209.00	2184.00
Indicator value	0.1%	0.1%	0.2%	0.3%	0.3%

Licensee Comments: none

Safety System Unavailability, Heat Removal System (AFW)



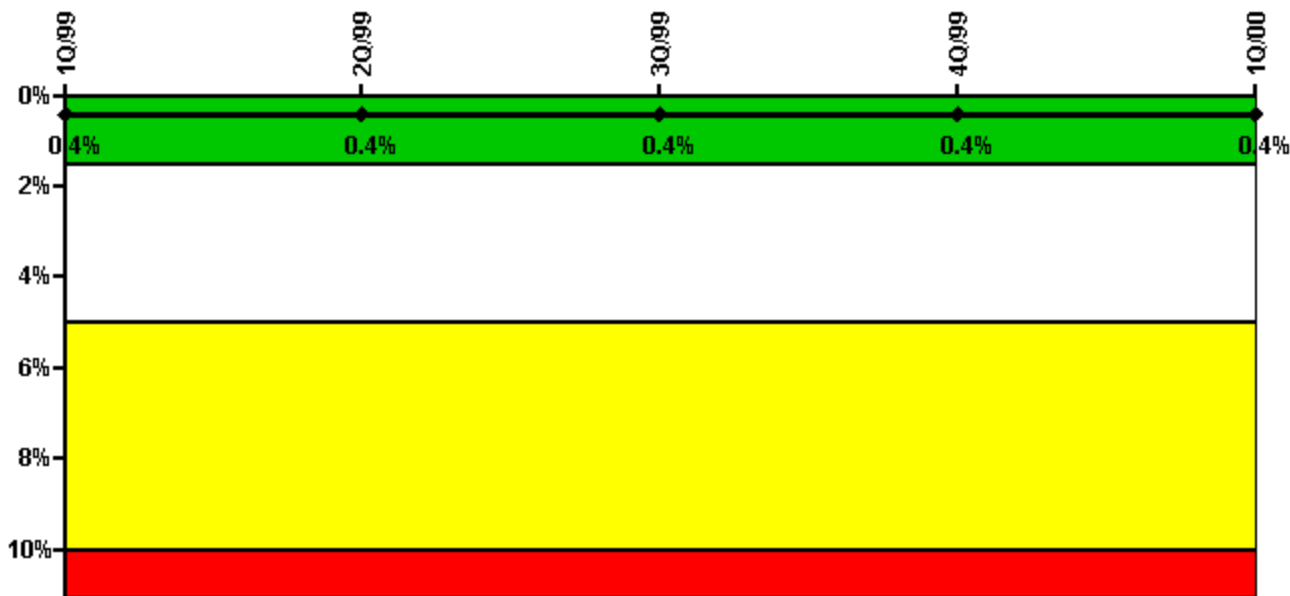
Thresholds: White > 2.0% Yellow > 6.0% Red > 12.0%

Notes

Safety System Unavailability, Heat Removal System (AFW)	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	49.50	25.50	21.90
Unplanned unavailable hours	44.50	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2052.00	1253.00	2208.00	2209.00	2184.00
Train 2					
Planned unavailable hours	0	0	46.20	0	0
Unplanned unavailable hours	0.90	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2052.00	1253.00	2208.00	2209.00	2184.00
Train 3					
Planned unavailable hours	0	17.90	0	59.10	0
Unplanned unavailable hours	0.90	0	0	0	0
Fault exposure hours	0	0	0	0	0
Effective Reset hours	0	0	0	0	0
Required hours	2052.00	1253.00	2208.00	2209.00	2184.00
Indicator value	0.7%	0.7%	0.8%	0.9%	0.9%

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/99	2Q/99	3Q/99	4Q/99	1Q/00
Train 1					
Planned unavailable hours	0	0	0	0	14.20
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
Train 2					
Planned unavailable hours	0	0	34.70	0	0
Unplanned unavailable hours	0	0	0	0	0.70
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 3					
Planned unavailable hours	0	0	0	0	14.20
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
Train 4					
Planned unavailable hours	0	0	34.70	0	0
Unplanned unavailable hours	0	0	0	0	0.70
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	0.4%	0.4%	0.4%	0.4%	0.4%

Licensee Comments:

1Q/00: San Onofre defines RHR as Containment Spray in Modes 1-3, and Shutdown Cooling in Modes 4-6. This is consistent with the CE Plant White Paper currently under consideration by the NRC.

1Q/00: San Onofre defines RHR as Containment Spray in Modes 1-3, and Shutdown Cooling in Modes 4-6. This is consistent with the CE Plant White Paper currently under consideration by the NRC.

4Q/99: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

3Q/99: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

2Q/99: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

1Q/99: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

4Q/98: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

3Q/98: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

2Q/98: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

1Q/98: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

4Q/97: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

3Q/97: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

2Q/97: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

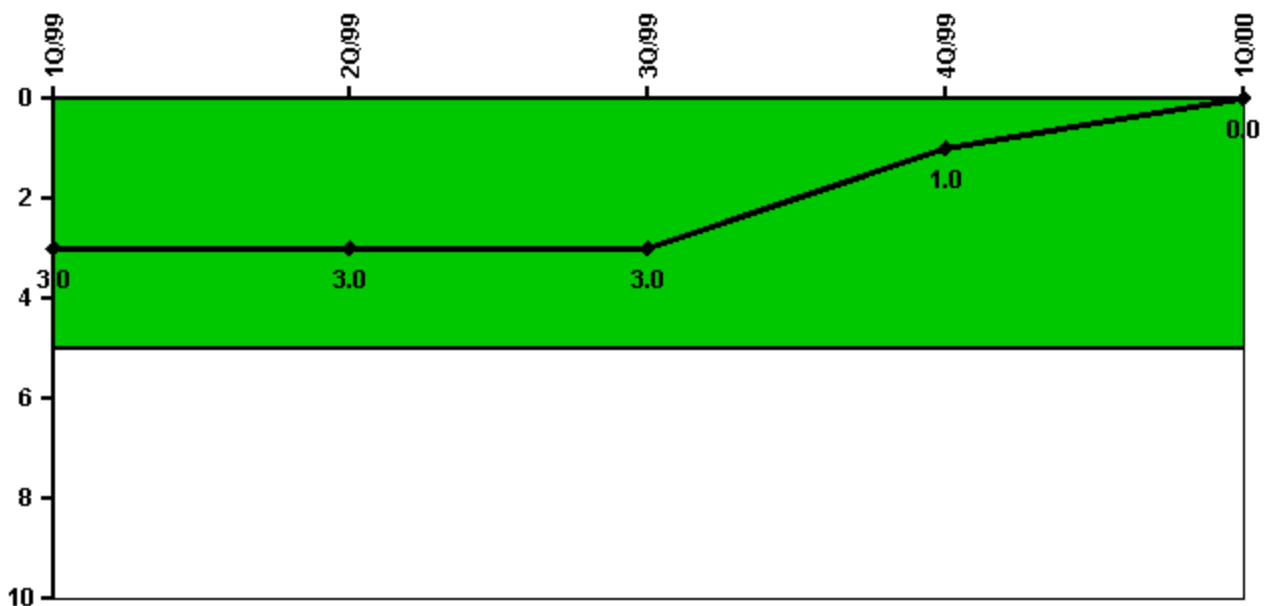
1Q/97: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

4Q/96: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

3Q/96: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

2Q/96: This historical information represents the data submitted to WANO. RHR Scope for CE Plants is under industry review. For San Onofre, RHR = LPSI + SDC + CS

Safety System Functional Failures (PWR)



Thresholds: White > 5.0

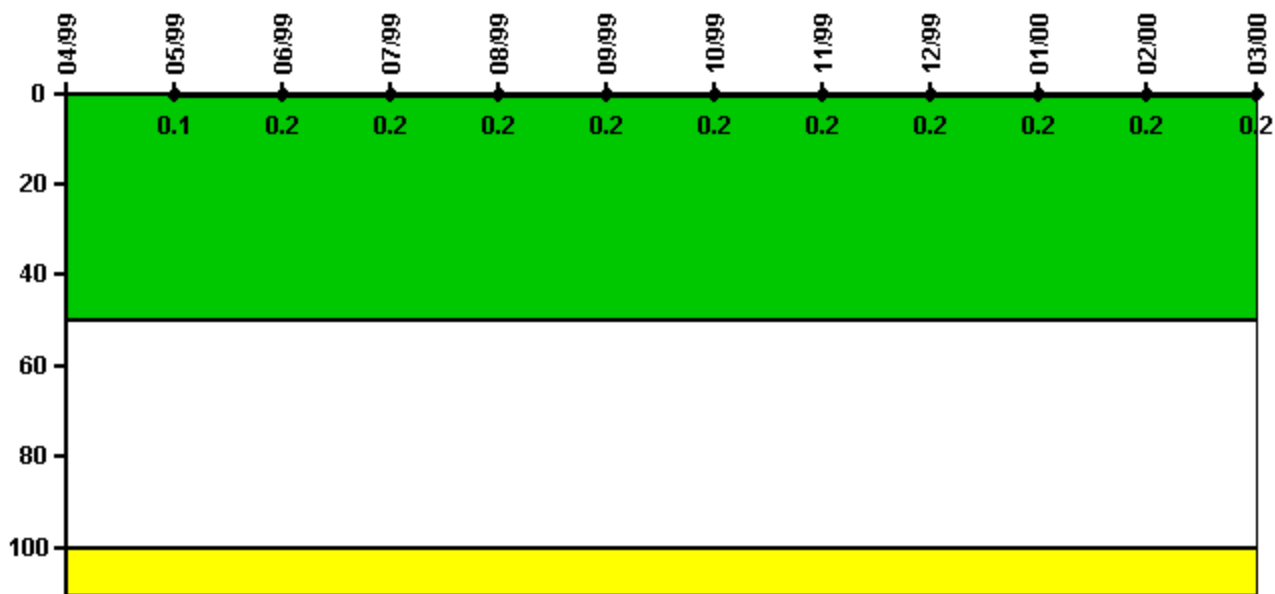
Notes

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

Licensee Comments:

1Q/99: One SSFF occurred this quarter

Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

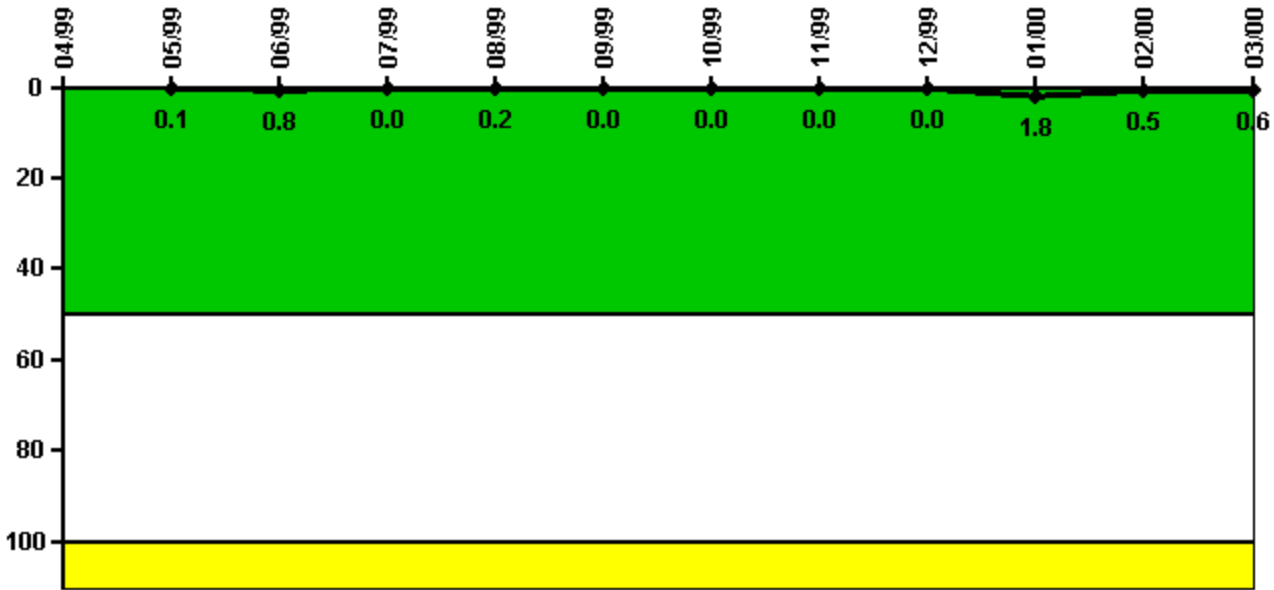
Notes

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	N/A	0.001400	0.002200	0.001600	0.001700	0.001900	0.001700	0.001800	0.002000	0.001800	0.001900	0.001900
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	N/A	0.1	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2	0.2

Licensee Comments:

3/00: none

Reactor Coolant System Leakage



Thresholds: White > 50.0 Yellow > 100.0

Notes

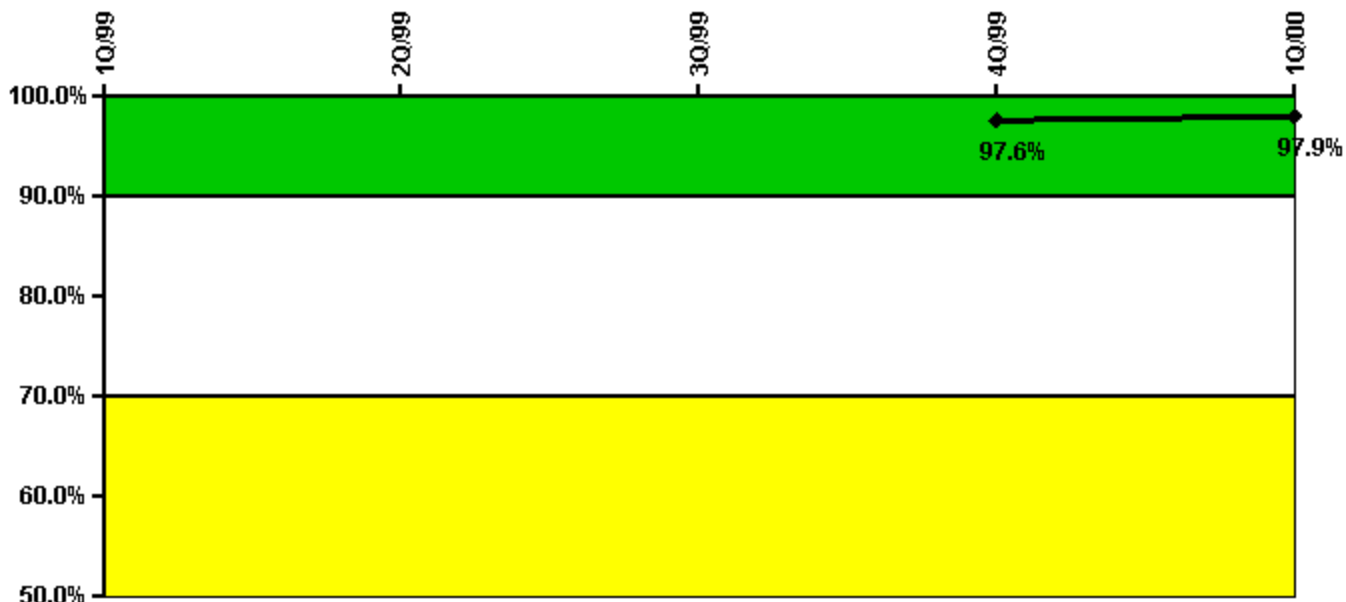
Reactor Coolant System Leakage	4/99	5/99	6/99	7/99	8/99	9/99	10/99	11/99	12/99	1/00	2/00	3/00
Maximum leakage		0.010	0.080	0	0.020	0	0	0	0	0.180	0.050	0.060
Technical specification limit		10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
Indicator value		0.1	0.8	0	0.2	0	0	0	0	1.8	0.5	0.6

Licensee Comments:

3/00: Q1 2000 data revised to include instrument uncertainties.

3/00: Q1 2000 data revised to include instrument uncertainties.

Drill/Exercise Performance



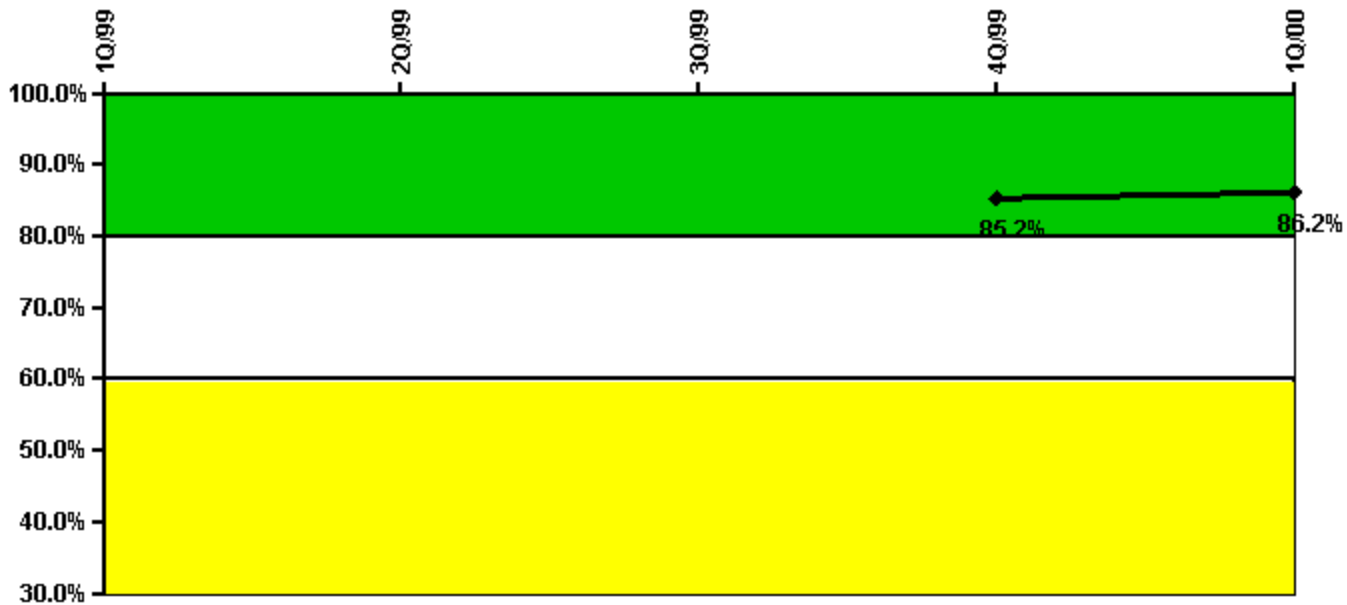
Thresholds: White < 90.0% Yellow < 70.0%

Notes

Drill/Exercise Performance	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful opportunities	4.0	0	17.0	22.0	11.0
Total opportunities	4.0	0	18.0	22.0	11.0
Indicator value				97.6%	97.9%

Licensee Comments: none

ERO Drill Participation



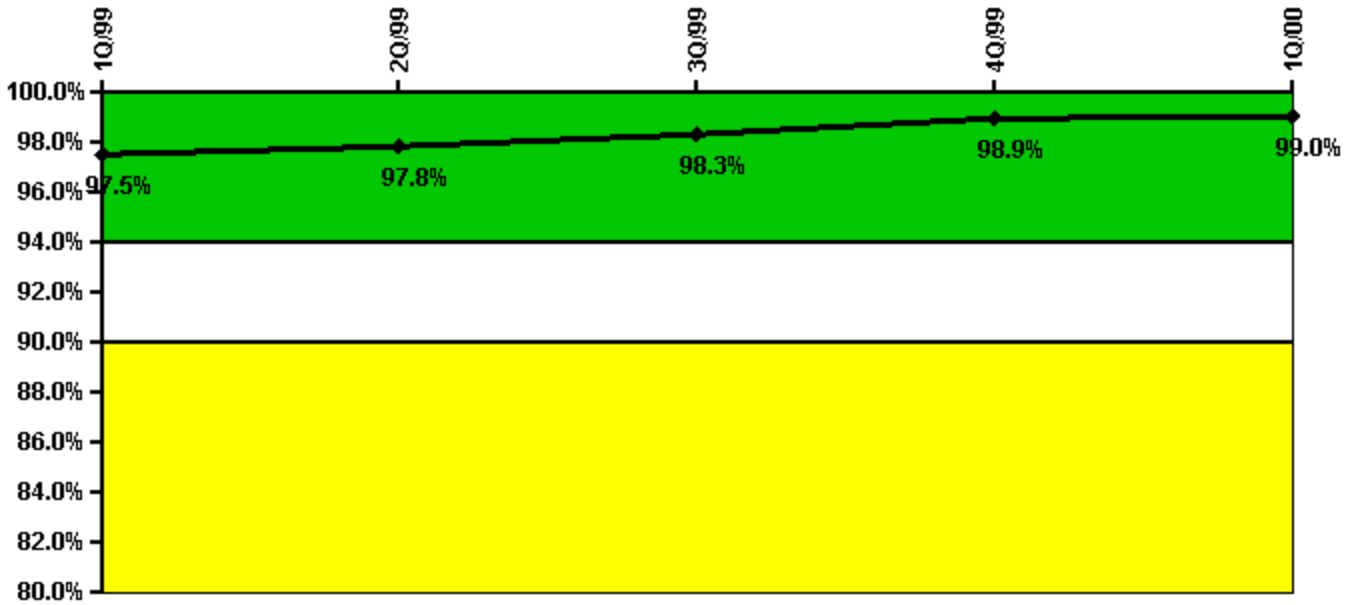
Thresholds: White < 80.0% Yellow < 60.0%

Notes

ERO Drill Participation	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Participating Key personnel				46.0	50.0
Total Key personnel				54.0	58.0
Indicator value				85.2%	86.2%

Licensee Comments: none

Alert & Notification System



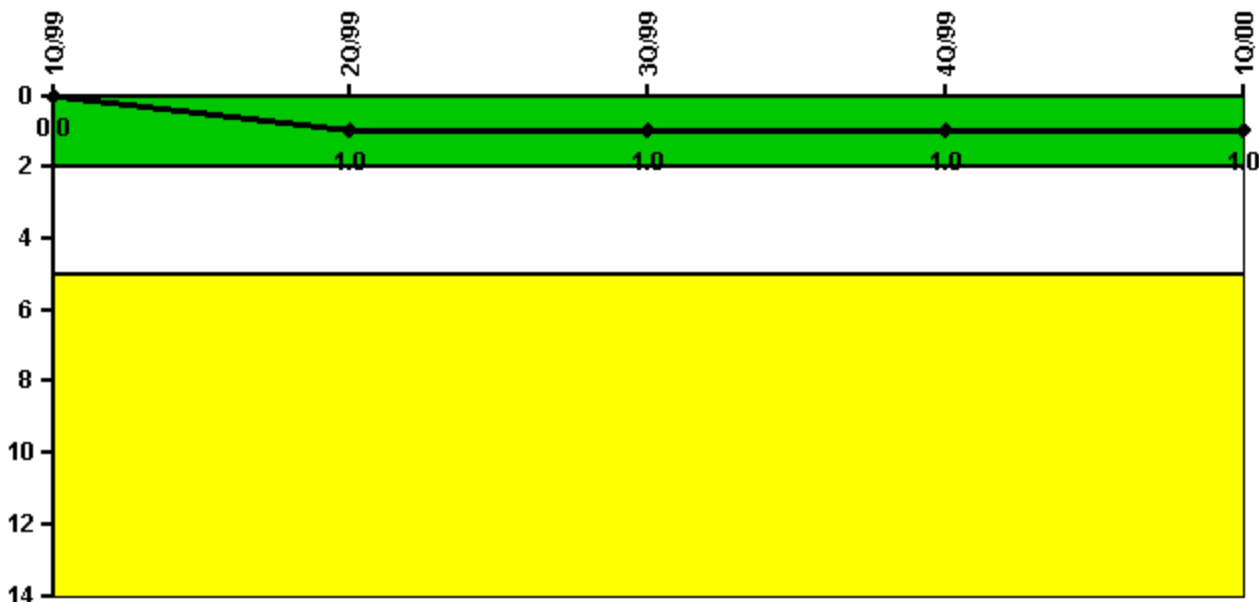
Thresholds: White < 94.0% Yellow < 90.0%

Notes

Alert & Notification System	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
Successful siren-tests	348	344	438	341	385
Total sirens-tests	357	347	441	343	392
Indicator value	97.5%	97.8%	98.3%	98.9%	99.0%

Licensee Comments: none

Occupational Exposure Control Effectiveness



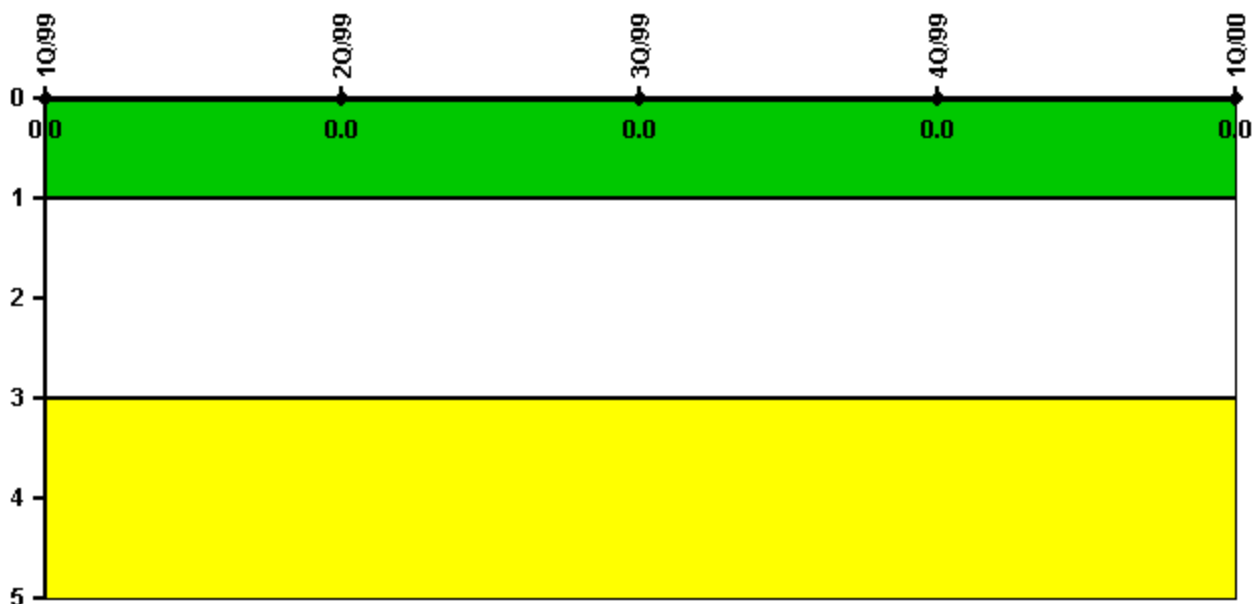
Thresholds: White > 2.0 Yellow > 5.0

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	1	0	0	0
Indicator value	0	1	1	1	1

Licensee Comments: none

RETS/ODCM Radiological Effluent



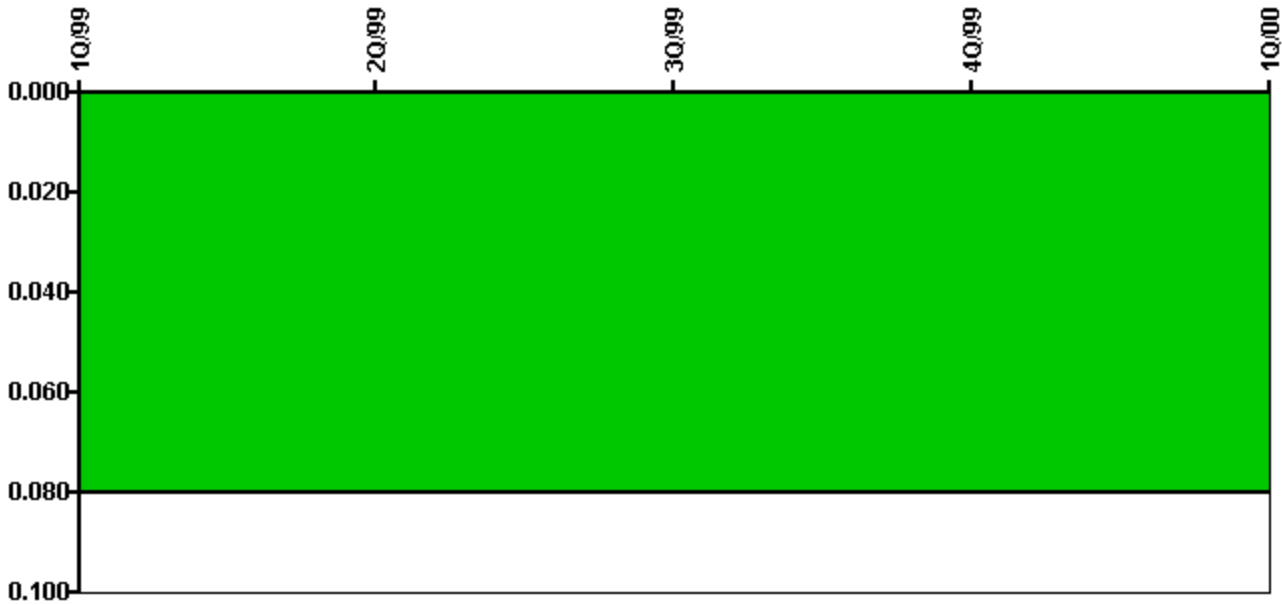
Thresholds: White > 1.0 Yellow > 3.0

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

Licensee Comments: none

Protected Area Security Performance Index



Thresholds: White > 0.080

Notes

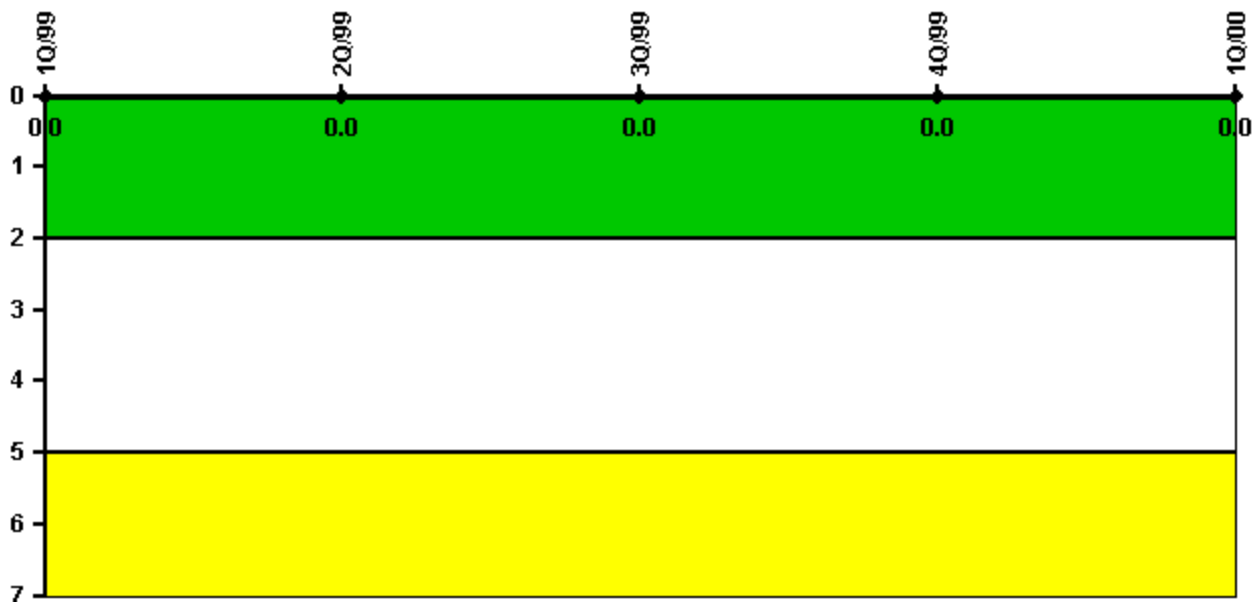
Protected Area Security Performance Index	1Q/99	2Q/99	3Q/99	4Q/99	1Q/00
IDS compensatory hours			228.20	278.00	247.10
CCTV compensatory hours			0	20.1	184.3
IDS normalization factor			1.85	1.80	1.80
CCTV normalization factor			1.0	1.0	1.0
Index Value					

Licensee Comments:

4Q/99: See letter A. E. Scherer (SCE) to USNRC, dated January 20, 2000

3Q/99: See letter A. E. Scherer (SCE) to USNRC, dated January 20, 2000. Note: PI data gathering started in June 1999, therefore, a complete 2nd qtr of PI data was not available. June (ONLY) PI data was 0.101

Personnel Screening Program



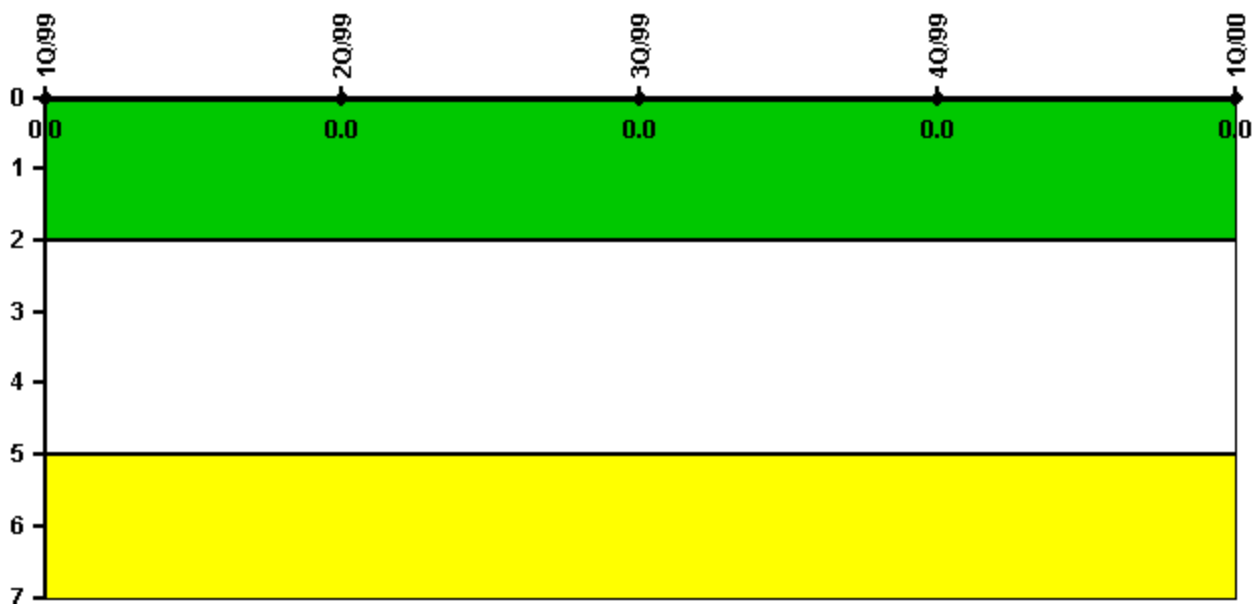
Thresholds: White > 2.0 Yellow > 5.0

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

Licensee Comments: none

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

▲ [PI Summary](#) | [Inspection Findings Summary](#) | [Reactor Oversight Process](#)

Last Modified: April 1, 2002