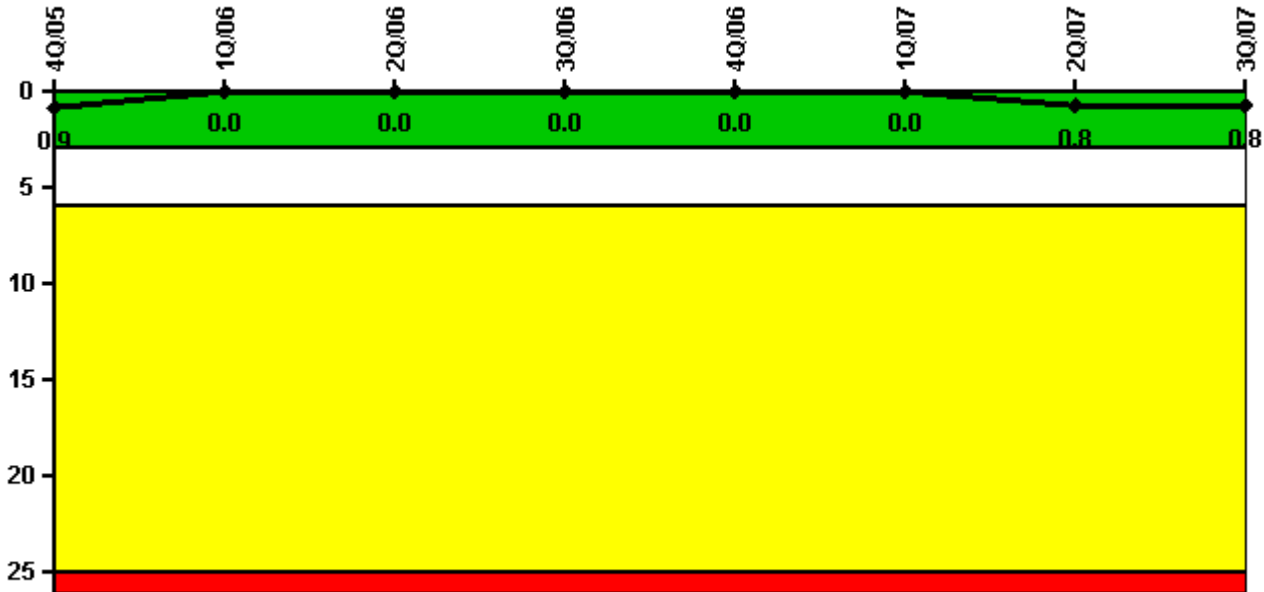


# San Onofre 2

## 3Q/2007 Performance Indicators

Licensee's General Comments: none

### Unplanned Scrams per 7000 Critical Hrs



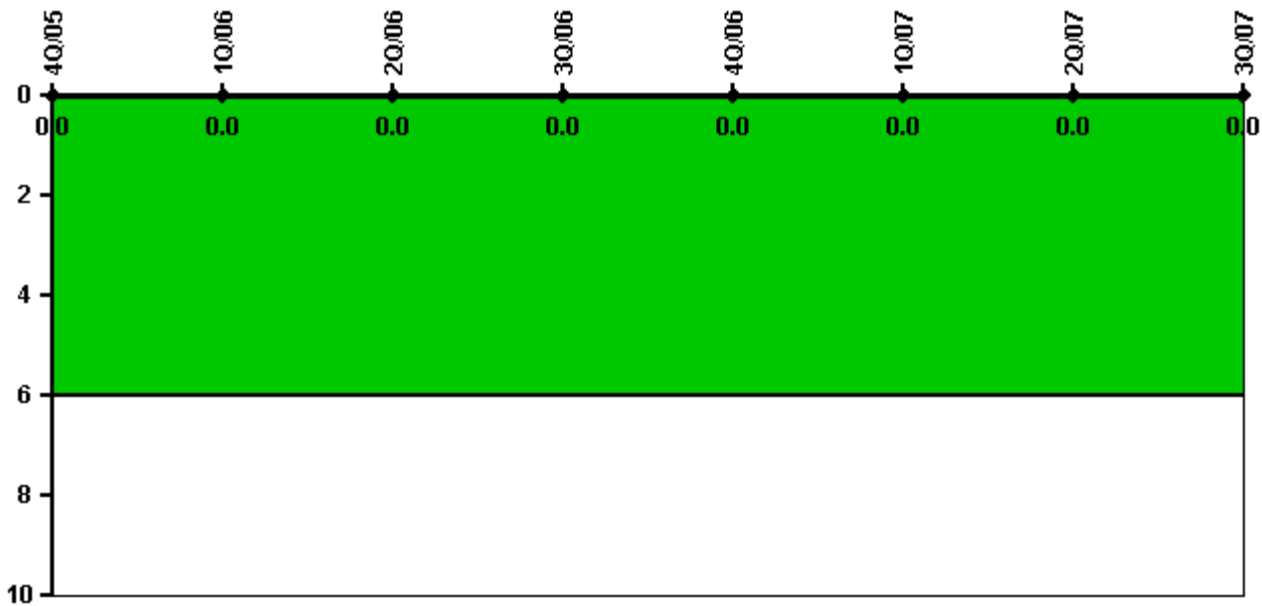
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned scrams	0	0	0	0	0	0	1.0	0
Critical hours	2209.0	59.3	1880.1	2208.0	2209.0	2159.0	1987.2	2208.0
Indicator value	0.9	0	0	0	0	0	0.8	0.8

Licensee Comments: none

## Unplanned Power Changes per 7000 Critical Hrs



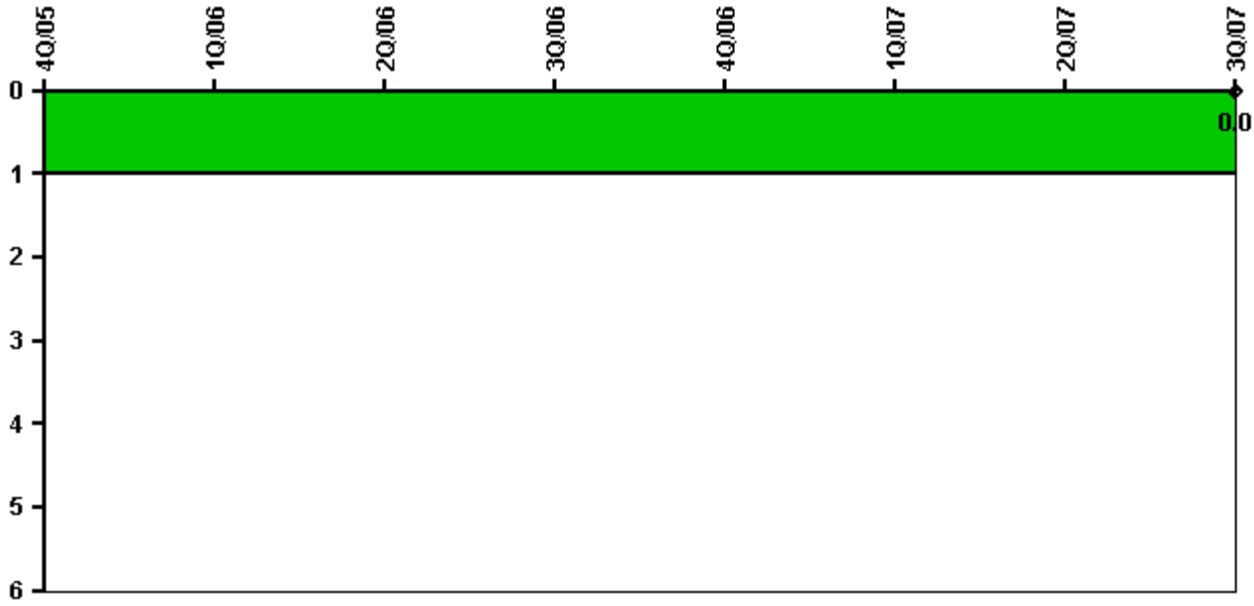
Thresholds: White > 6.0

### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	2209.0	59.3	1880.1	2208.0	2209.0	2159.0	1987.2	2208.0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

# Unplanned Scrams with Complications



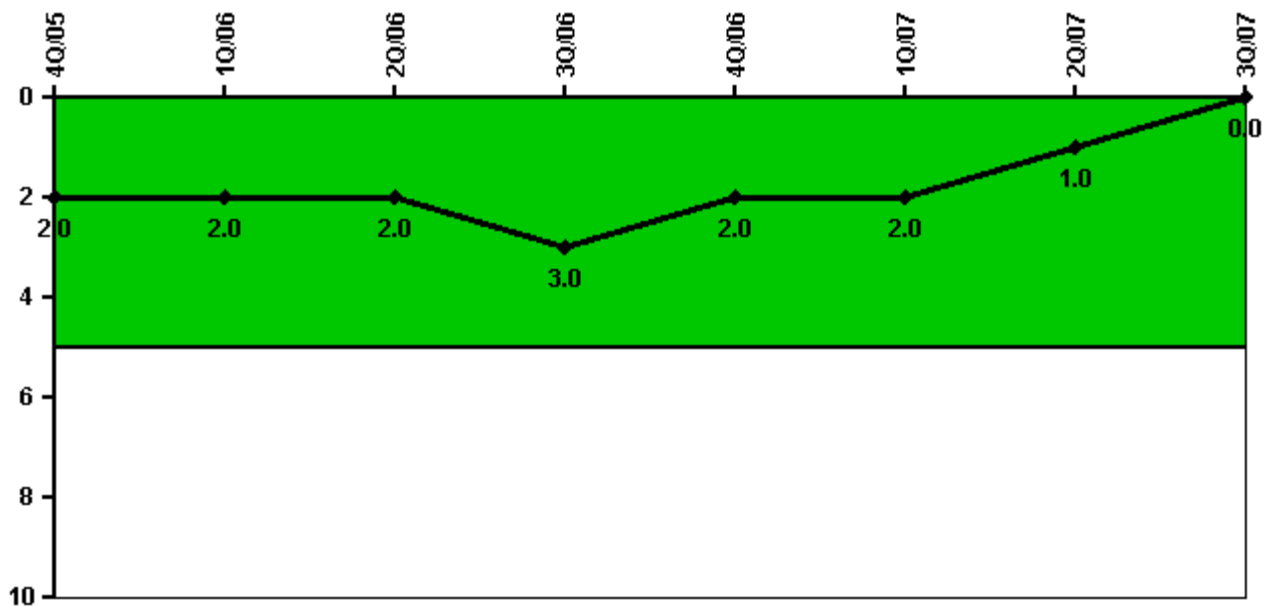
Thresholds: White > 1.0

## Notes

Unplanned Scrams with Complications	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Scrams with complications					0	0	0	0
Indicator value								0.0

Licensee Comments: none

## Safety System Functional Failures (PWR)



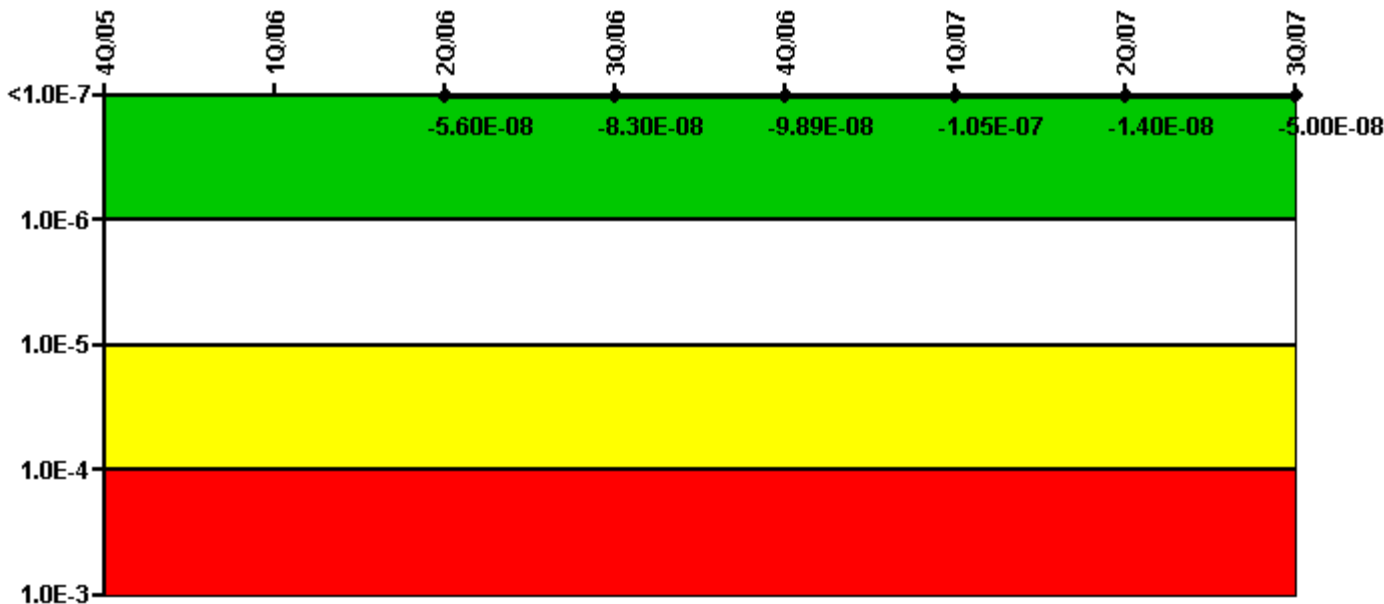
Thresholds: White > 5.0

### Notes

Safety System Functional Failures (PWR)	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Safety System Functional Failures	1	0	1	1	0	0	0	0
Indicator value	2	2	2	3	2	2	1	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

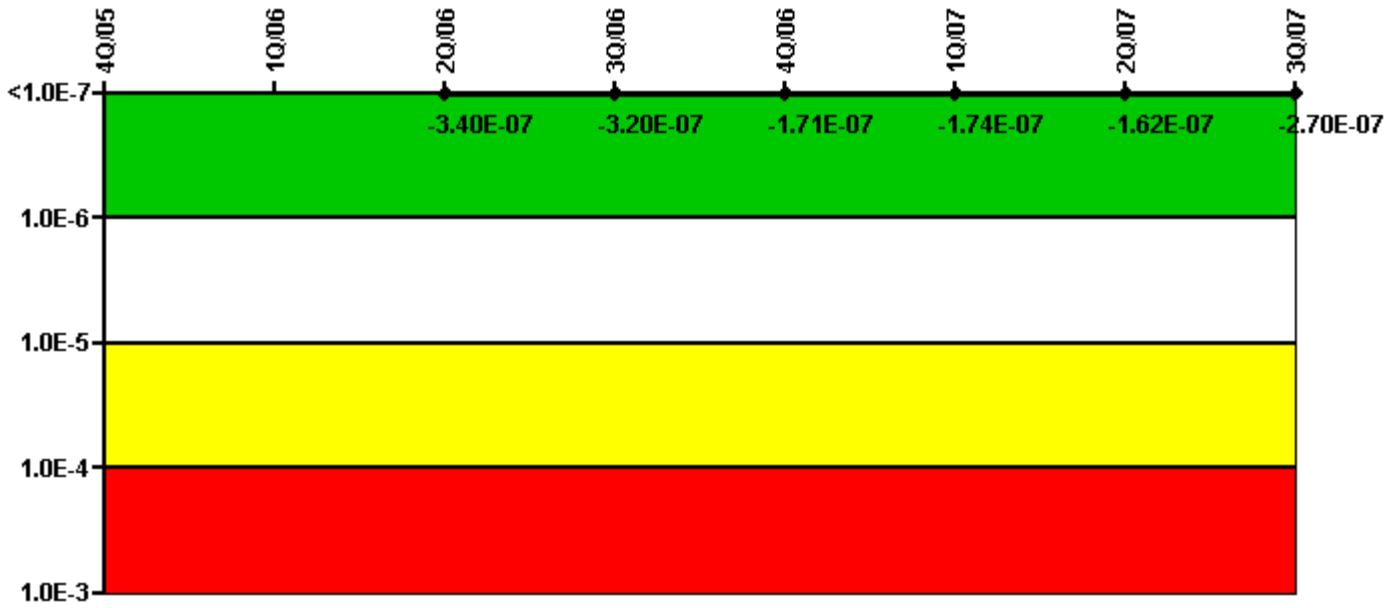
## Notes

Mitigating Systems Performance Index, Emergency AC Power System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI (ΔCDF)			9.40E-08	1.40E-08	1.10E-09	-7.60E-09	2.80E-08	-8.00E-09
URI (ΔCDF)			-1.50E-07	-9.70E-08	-1.00E-07	-9.70E-08	-4.20E-08	-4.20E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-5.60E-08	-8.30E-08	-9.89E-08	-1.05E-07	-1.40E-08	-5.00E-08

Licensee Comments:

3Q/06: Due to an INPO computer problem which occurred in July 2006, the correct 3Q06 UABLP values which were input into CDE in June 2006 were overwritten with the 2Q06 values. Software based locking and override features prevented these values from being corrected until the close of 3Q06.

# Mitigating Systems Performance Index, High Pressure Injection System



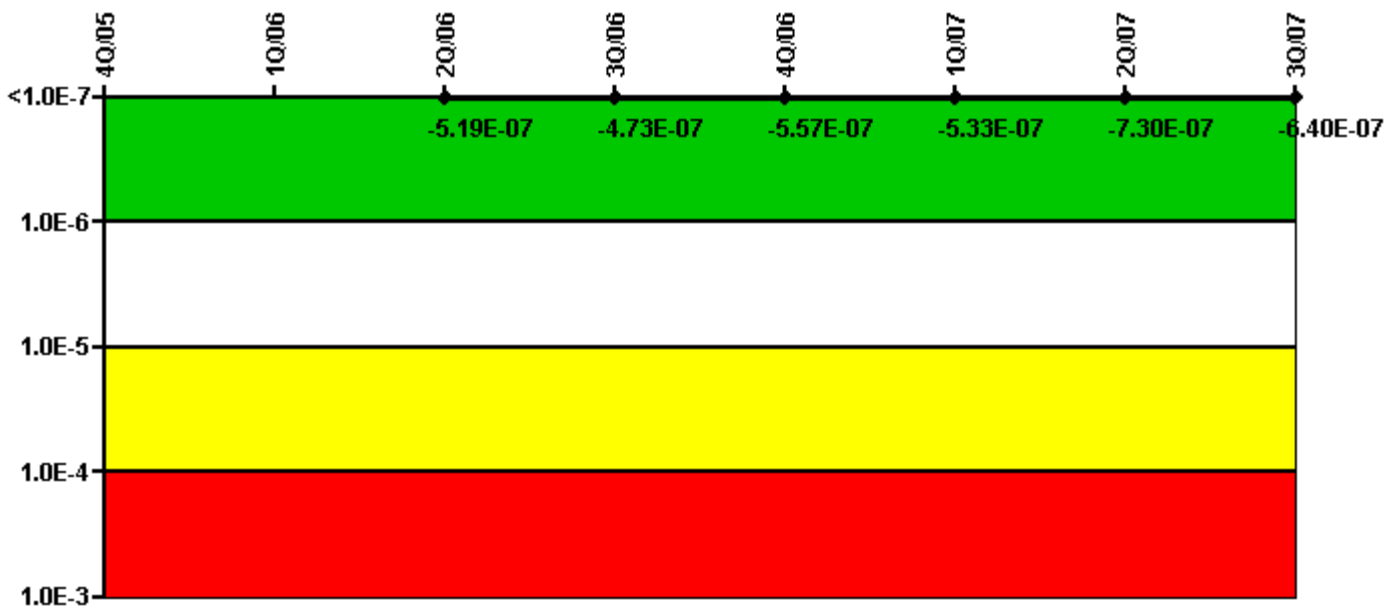
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, High Pressure Injection System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			-1.60E-07	-1.30E-07	-7.10E-08	-7.40E-08	-6.20E-08	-1.70E-07
URI ( $\Delta$ CDF)			-1.80E-07	-1.90E-07	-1.00E-07	-1.00E-07	-1.00E-07	-1.00E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-3.40E-07	-3.20E-07	-1.71E-07	-1.74E-07	-1.62E-07	-2.70E-07

Licensee Comments: none

# Mitigating Systems Performance Index, Heat Removal System



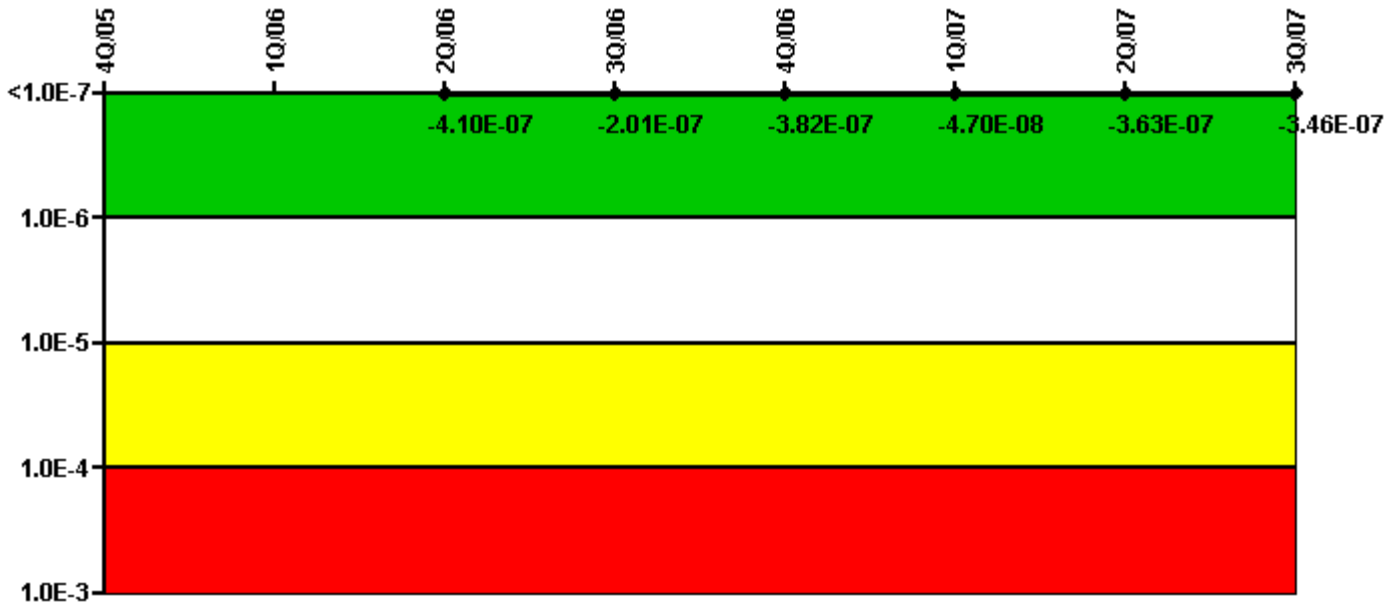
Thresholds: White > 1.00E-6 Yellow > 1.00E-5 Red > 1.00E-4

## Notes

Mitigating Systems Performance Index, Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			5.10E-08	7.00E-09	1.30E-08	2.70E-08	-2.20E-07	-1.30E-07
URI ( $\Delta$ CDF)			-5.70E-07	-4.80E-07	-5.70E-07	-5.60E-07	-5.10E-07	-5.10E-07
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-5.19E-07	-4.73E-07	-5.57E-07	-5.33E-07	-7.30E-07	-6.40E-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

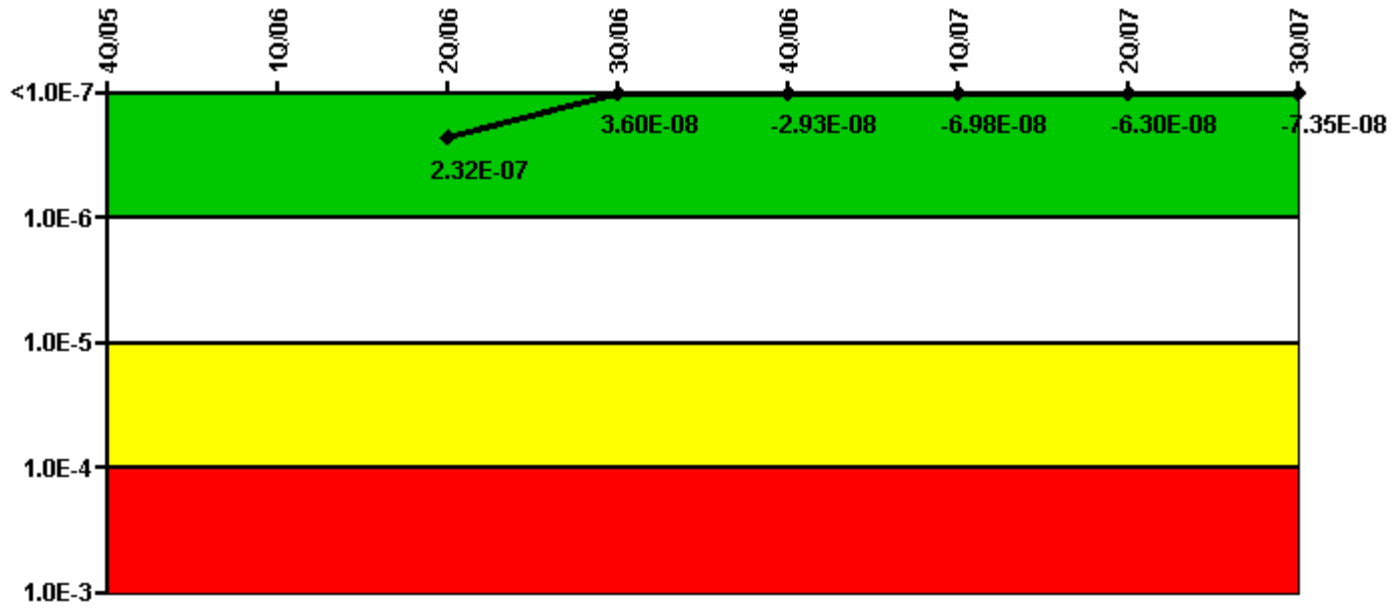
## Notes

Mitigating Systems Performance Index, Residual Heat Removal System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			-2.80E-07	-7.10E-08	-3.00E-07	3.60E-08	-2.80E-07	-3.00E-07
URI ( $\Delta$ CDF)			-1.30E-07	-1.30E-07	-8.20E-08	-8.30E-08	-8.30E-08	-4.60E-08
PLE			NO	NO	NO	NO	NO	NO
Indicator value			-4.10E-07	-2.01E-07	-3.82E-07	-4.70E-08	-3.63E-07	-3.46E-07

Licensee Comments: none



# Mitigating Systems Performance Index, Cooling Water Systems



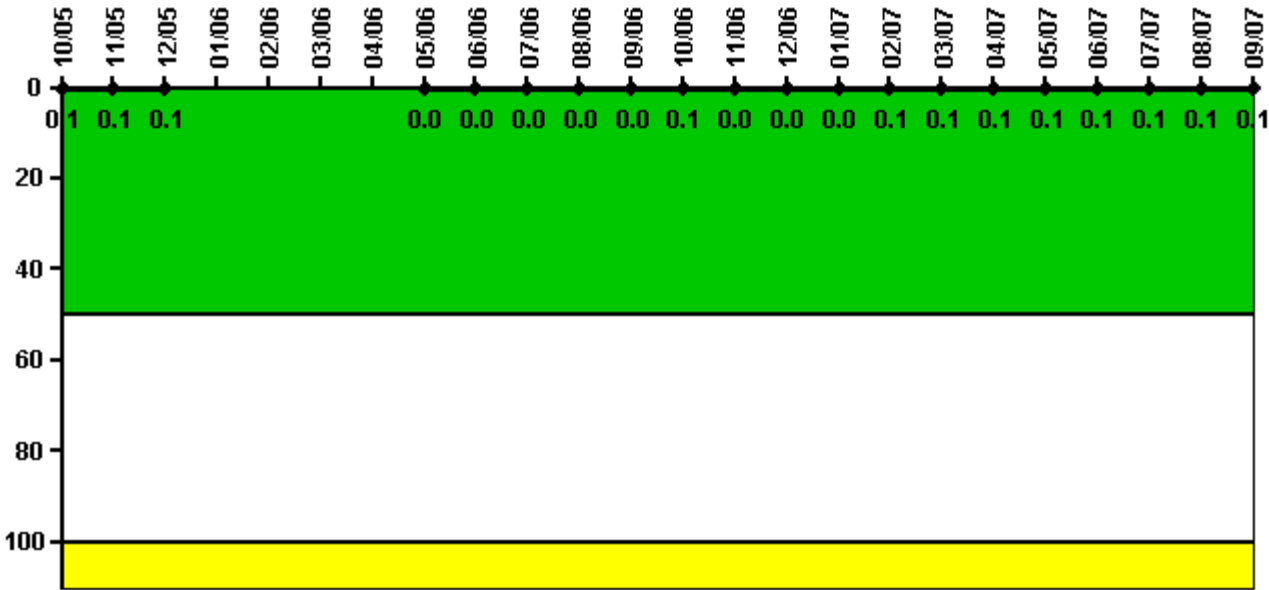
Thresholds: White >  $1.00E-6$  Yellow >  $1.00E-5$  Red >  $1.00E-4$

## Notes

Mitigating Systems Performance Index, Cooling Water Systems	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
UAI ( $\Delta$ CDF)			$2.90E-07$	$9.60E-08$	$3.70E-09$	$9.20E-09$	$1.60E-08$	$6.50E-09$
URI ( $\Delta$ CDF)			$-5.80E-08$	$-6.00E-08$	$-3.30E-08$	$-7.90E-08$	$-7.90E-08$	$-8.00E-08$
PLE			NO	NO	NO	NO	NO	NO
Indicator value			$2.32E-07$	$3.60E-08$	$-2.93E-08$	$-6.98E-08$	$-6.30E-08$	$-7.35E-08$

Licensee Comments: none

# Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

## Notes

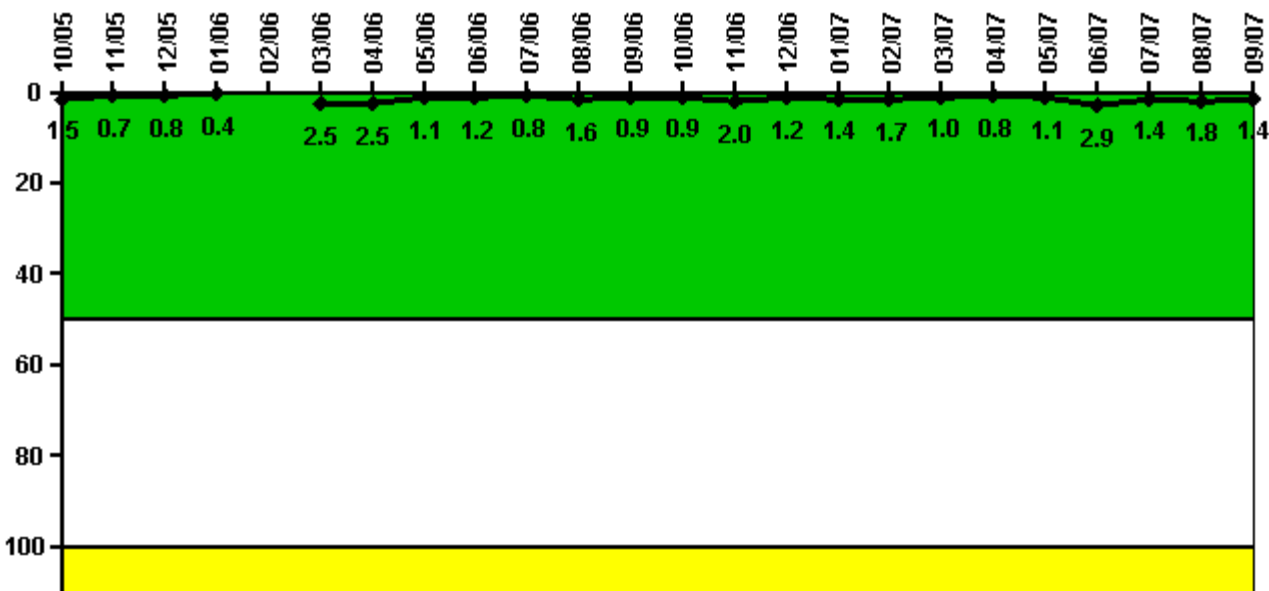
Reactor Coolant System Activity	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum activity	0.001060	0.001220	0.001270	N/A	N/A	N/A	N/A	0.000207	0.000335	0.000333	0.000261	0.000409
Technical specification limit	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
Indicator value	0.1	0.1	0.1	N/A	N/A	N/A	N/A	0	0	0	0	0

Reactor Coolant System Activity	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum activity	0.000519	0.000449	0.000454	0.000446	0.001120	0.000620	0.000564	0.000901	0.000532	0.000536	0.000708	0.000686
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	0	0	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

# Reactor Coolant System Leakage



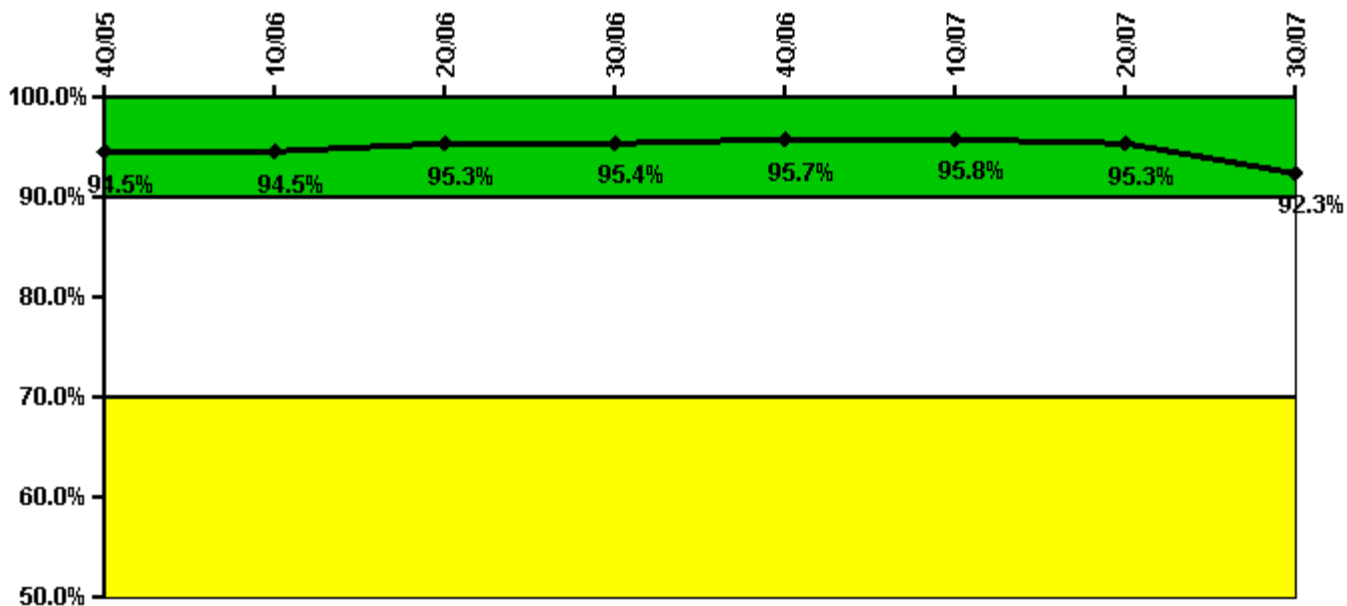
Thresholds: White > 50.0 Yellow > 100.0

## Notes

Reactor Coolant System Leakage	10/05	11/05	12/05	1/06	2/06	3/06	4/06	5/06	6/06	7/06	8/06	9/06
Maximum leakage	0.150	0.070	0.080	0.040	N/A	0.250	0.250	0.110	0.120	0.080	0.160	0.090
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	1.5	0.7	0.8	0.4	N/A	2.5	2.5	1.1	1.2	0.8	1.6	0.9
Reactor Coolant System Leakage	10/06	11/06	12/06	1/07	2/07	3/07	4/07	5/07	6/07	7/07	8/07	9/07
Maximum leakage	0.090	0.200	0.120	0.140	0.170	0.100	0.080	0.110	0.290	0.140	0.180	0.140
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	2.0	1.2	1.4	1.7	1.0	0.8	1.1	2.9	1.4	1.8	1.4

Licensee Comments: none

## Drill/Exercise Performance



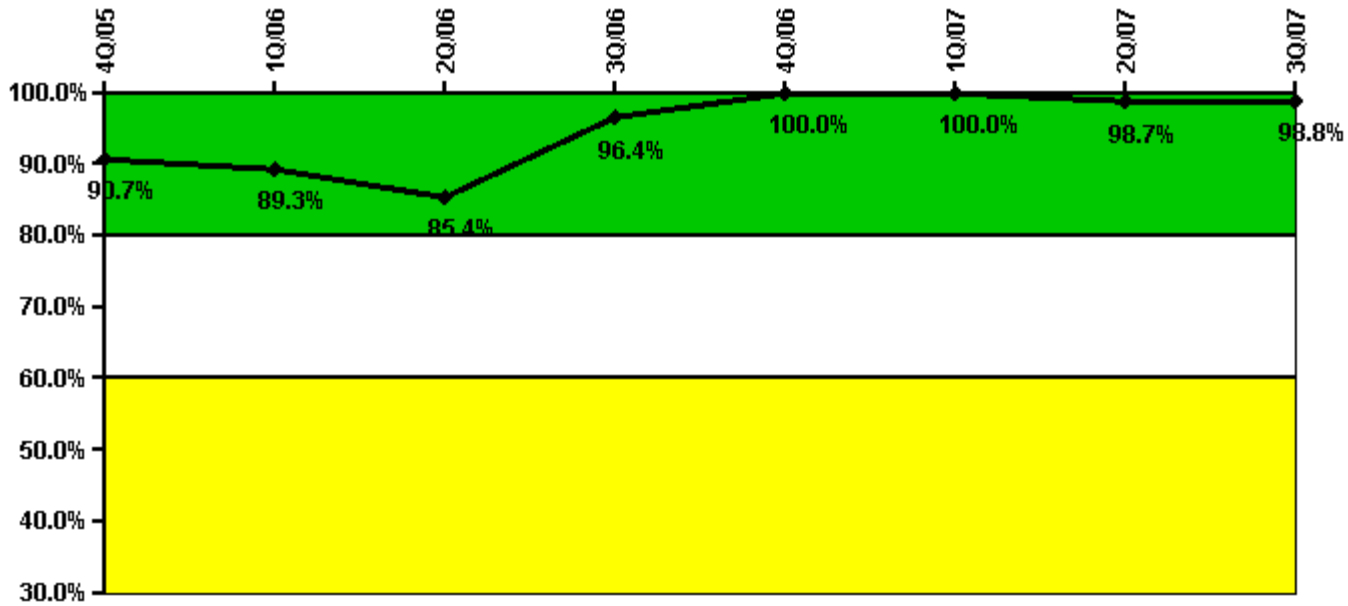
Thresholds: White < 90.0% Yellow < 70.0%

### Notes

Drill/Exercise Performance	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful opportunities	8.0	0	6.0	44.0	51.0	12.0	8.0	51.0
Total opportunities	8.0	0	7.0	46.0	53.0	13.0	9.0	59.0
Indicator value	94.5%	94.5%	95.3%	95.4%	95.7%	95.8%	95.3%	92.3%

Licensee Comments: none

## ERO Drill Participation



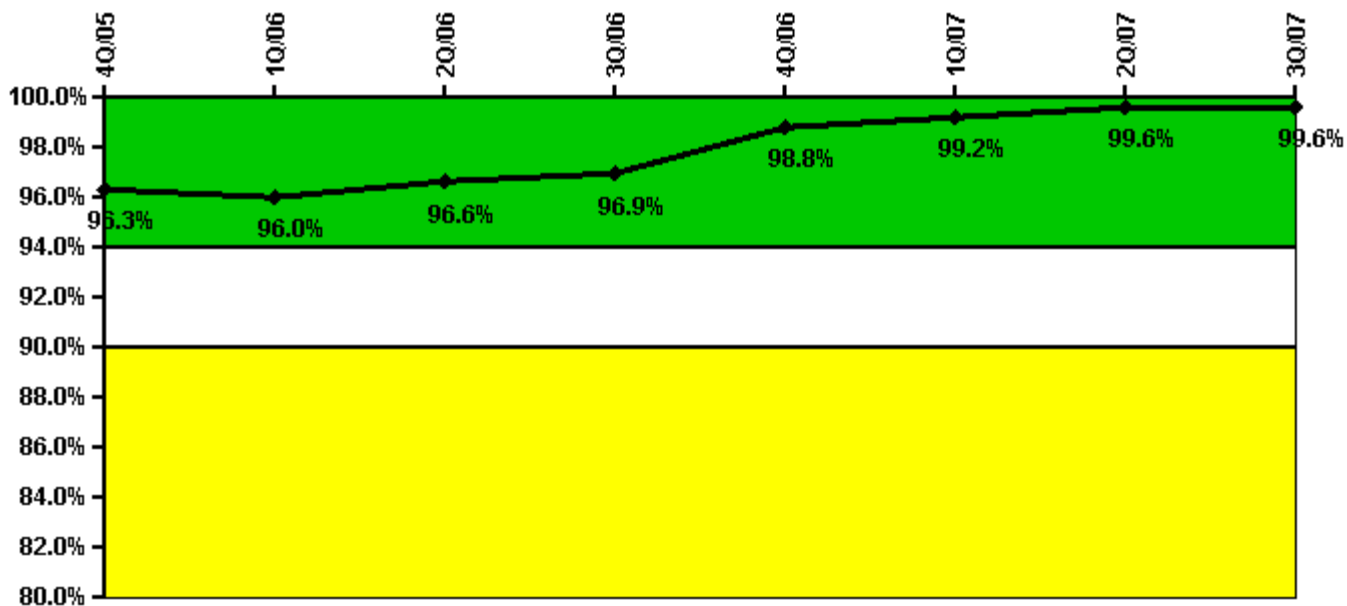
Thresholds: White < 80.0% Yellow < 60.0%

### Notes

ERO Drill Participation	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Participating Key personnel	78.0	75.0	70.0	80.0	80.0	80.0	78.0	82.0
Total Key personnel	86.0	84.0	82.0	83.0	80.0	80.0	79.0	83.0
Indicator value	90.7%	89.3%	85.4%	96.4%	100.0%	100.0%	98.7%	98.8%

Licensee Comments: none

# Alert & Notification System



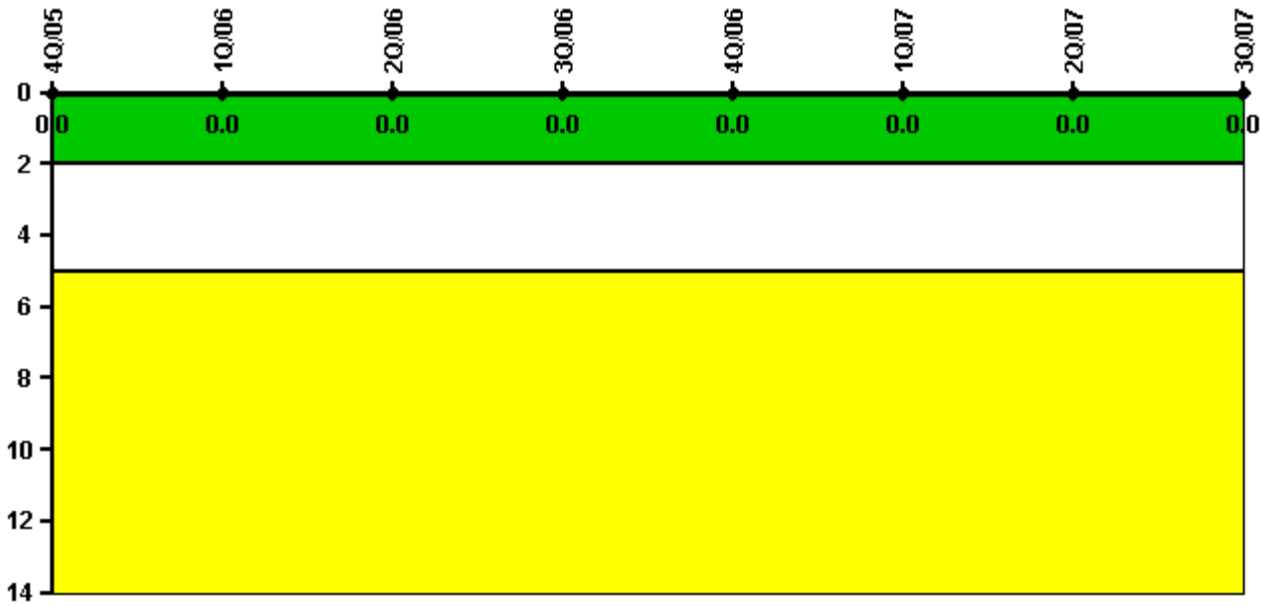
Thresholds: White < 94.0% Yellow < 90.0%

## Notes

Alert & Notification System	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
Successful siren-tests	408	379	384	342	493	353	407	407
Total sirens-tests	437	390	391	343	494	357	408	408
Indicator value	96.3%	96.0%	96.6%	96.9%	98.8%	99.2%	99.6%	99.6%

Licensee Comments: none

# Occupational Exposure Control Effectiveness



Thresholds: White > 2.0 Yellow > 5.0

## Notes

Occupational Exposure Control Effectiveness	4Q/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
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
<b>Indicator value</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</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/05	1Q/06	2Q/06	3Q/06	4Q/06	1Q/07	2Q/07	3Q/07
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.