

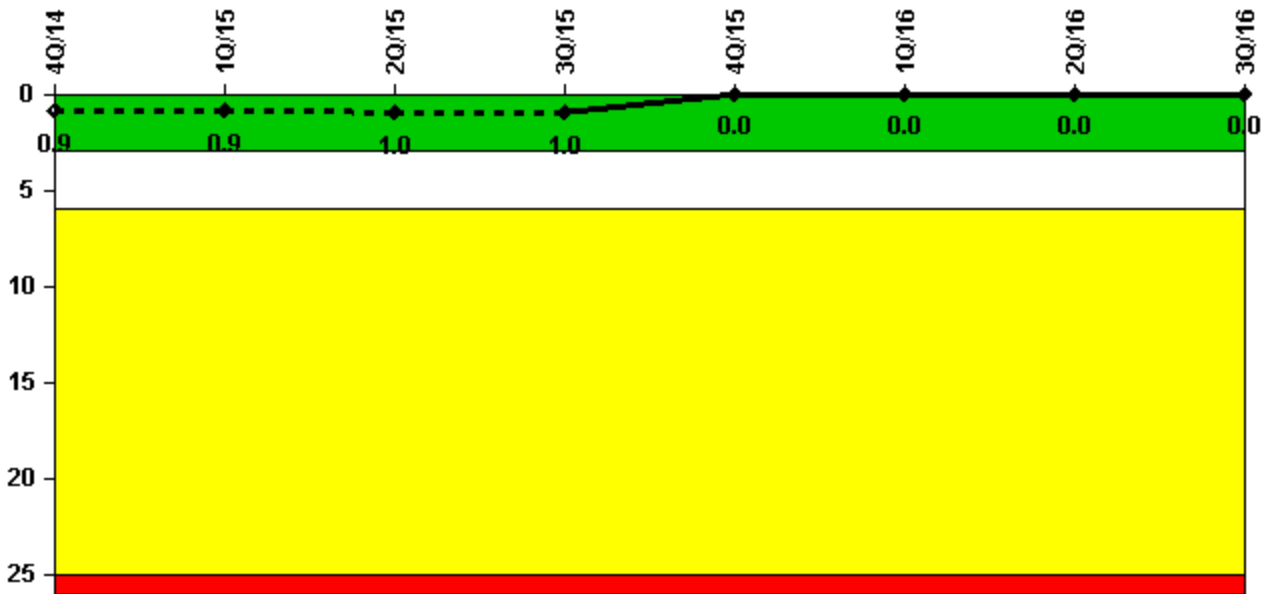
## D.C. Cook 1

### 3Q/2016 Performance Indicators

The solid trend line represents the current reporting period.

Licensee's General Comments: none

#### Unplanned Scrams per 7000 Critical Hrs



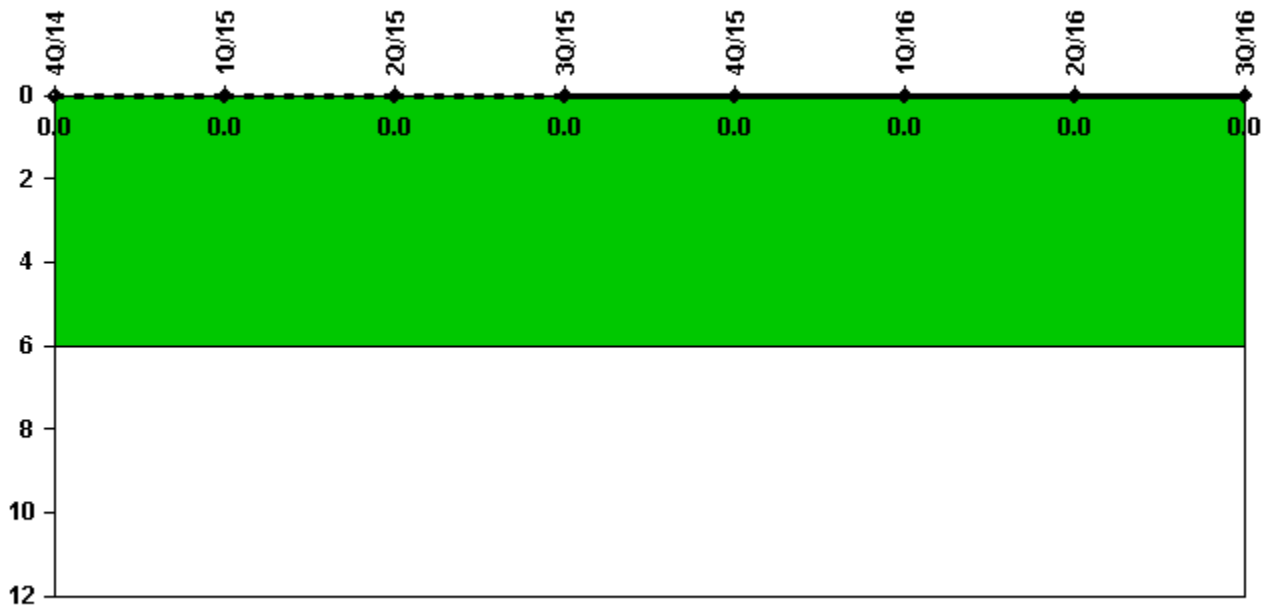
Thresholds: White > 3.0 Yellow > 6.0 Red > 25.0

#### Notes

Unplanned Scrams per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned scrams	1.0	0	0	0	0	0	0	0
Critical hours	1612.5	2159.0	1466.5	1525.0	2209.0	1967.0	1552.1	2208.0
Indicator value	0.9	0.9	1.0	1.0	0	0	0	0

Licensee Comments: none

### Unplanned Power Changes per 7000 Critical Hrs



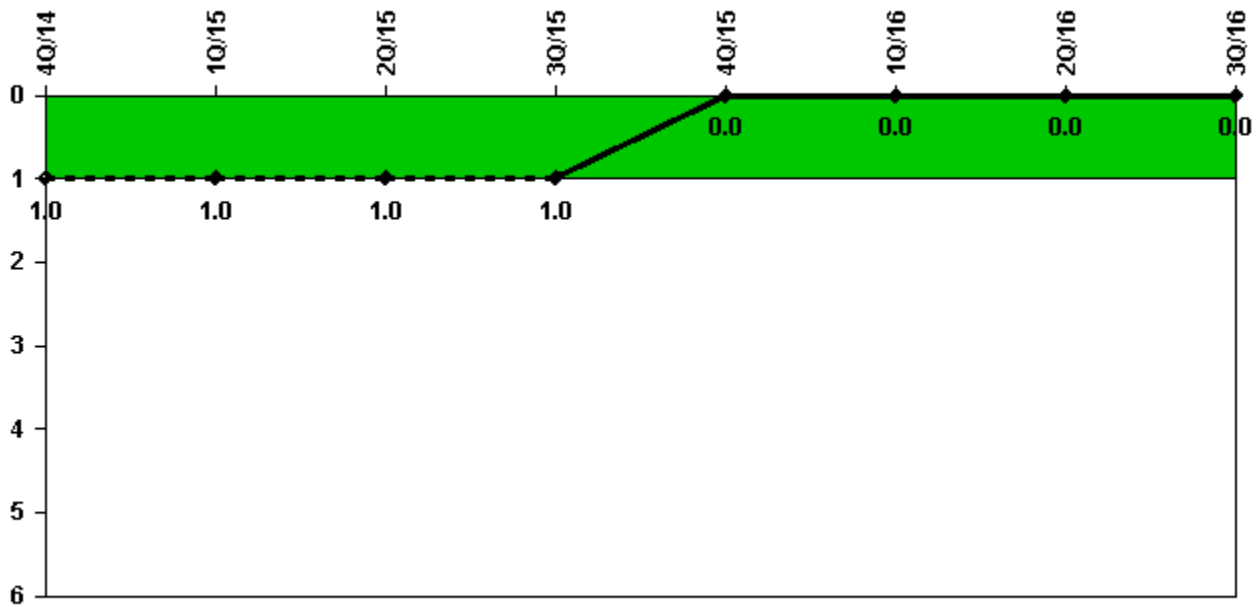
Thresholds: White > 6.0

#### Notes

Unplanned Power Changes per 7000 Critical Hrs	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Unplanned power changes	0	0	0	0	0	0	0	0
Critical hours	1612.5	2159.0	1466.5	1525.0	2209.0	1967.0	1552.1	2208.0
<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

### Unplanned Scrams with Complications



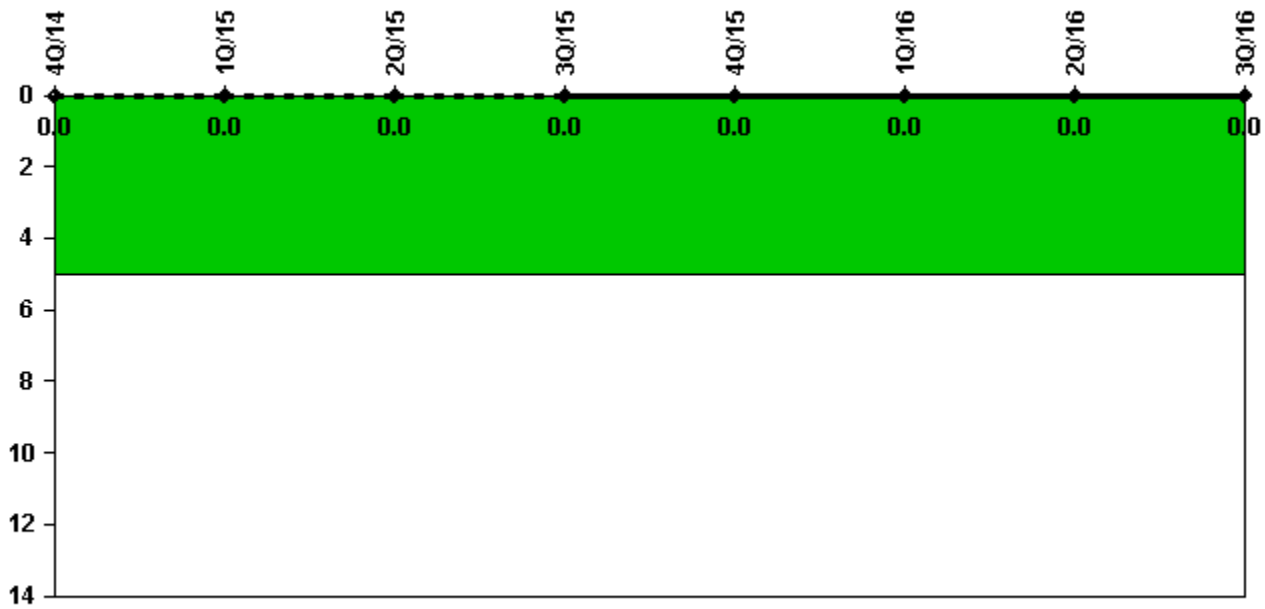
Thresholds: White > 1.0

#### Notes

Unplanned Scrams with Complications	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Scrams with complications	1.0	0	0	0	0	0	0	0
<b>Indicator value</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>1.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>	<b>0.0</b>

Licensee Comments: none

### Safety System Functional Failures (PWR)



Thresholds: White > 5.0

#### Notes

Safety System Functional Failures (PWR)	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Safety System Functional Failures	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

### 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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	2.50E-10	1.80E-10	1.57E-09	8.60E-08	9.65E-08	9.28E-08	1.62E-07	7.43E-08
URI (ΔCDF)	1.41E-07	-1.32E-08	-1.34E-08	-3.31E-08	-3.34E-08	-3.37E-08	2.03E-07	2.01E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	1.40E-07	-1.30E-08	-1.20E-08	5.30E-08	6.30E-08	5.90E-08	3.70E-07	2.80E-07

#### Licensee Comments:

3Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model revision was approved on 06/30/16 with a corresponding MSPI Basis Document revision approved on 09/09/16. Revision 12 of the D.C. Cook MSPI Basis Document incorporates the update of the PRA. The PRA model revision was an update to the model which included crediting of offsite power recovery in accident scenarios that do not begin with a Loss of Offsite Power. As a result of the PRA model change, the CDF and Fussel-Vesely numbers for all monitored trains and components were revised.

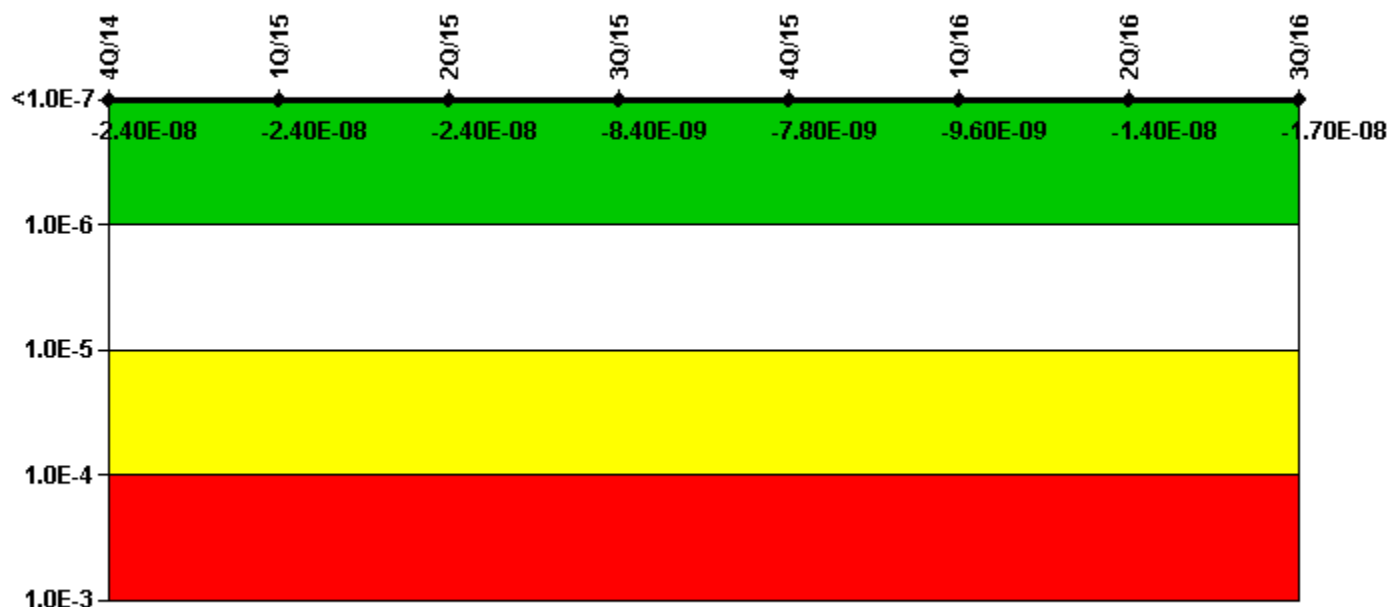
2Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model Revision 2 was approved on 03/31/16 with a corresponding MSPI Basis Document Revision 10 approved on 06/02/16. New software was used to form the PRA model and to calculate risk importance to provide increased precision on the calculated metrics. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. Additionally, this revision includes changes to the model of record made to resolve facts and observations from the 2015 Peer Review of the D.C Cook PRA model of record. The MSPI Basis Document was also updated to show compliance with the changes to NEI 99-02 Appendix G from the approval of FAQ 14-01. No new components were scoped into MSPI or excluded from monitoring due to the changes incorporated in this

revision. MSPI Basis Document Revision 11 was approved on 06/29/16. This revision was for correction of typographical errors and had no numerical or programmatic impact.

4Q/15: An FAQ has been submitted due to an unresolved issue from the NRC 3rd Quarter Baseline Inspection. The unresolved issue is related to a PRA Modeling error discovered and entered into the Station Corrective Action Program and corrected in the 3rd Quarter 2015 submittal following approval of the PRA Model revision in the 2nd Quarter 2015. The NRC Resident Inspectors questioned why previously submitted MSPI data was not corrected when the error was discovered. The Station's understanding of NEI 99-02 guidance for correcting previously submitted data is that changes based on PRA Model revisions, including error correction, are implemented in the quarter following approval of the revised PRA Model and previously submitted data is not updated.

3Q/15: Changed PRA Parameter(s). The 2015 DC Cook Internal Events PRA Model of Record was approved on 6/30/15 with a corresponding MSPI Basis Document Revision 9 approved on 10/01/15. The PRA model revision was a full-scope periodic update to the model which included a data update and correction of modeling issues identified in the 2009 model. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised.

### 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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	1.95E-12	7.93E-12	1.04E-11	8.77E-10	1.45E-09	-3.43E-10	1.10E-09	-2.55E-09
	-2.40E-	-2.40E-	-2.40E-	-9.24E-	-9.24E-	-9.24E-	-1.56E-	-1.49E-

URI ( $\Delta$ CDF)	08	08	08	09	09	09	08	08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
<b>Indicator value</b>	<b>-2.40E-08</b>	<b>-2.40E-08</b>	<b>-2.40E-08</b>	<b>-8.40E-09</b>	<b>-7.80E-09</b>	<b>-9.60E-09</b>	<b>-1.40E-08</b>	<b>-1.70E-08</b>

## Licensee Comments:

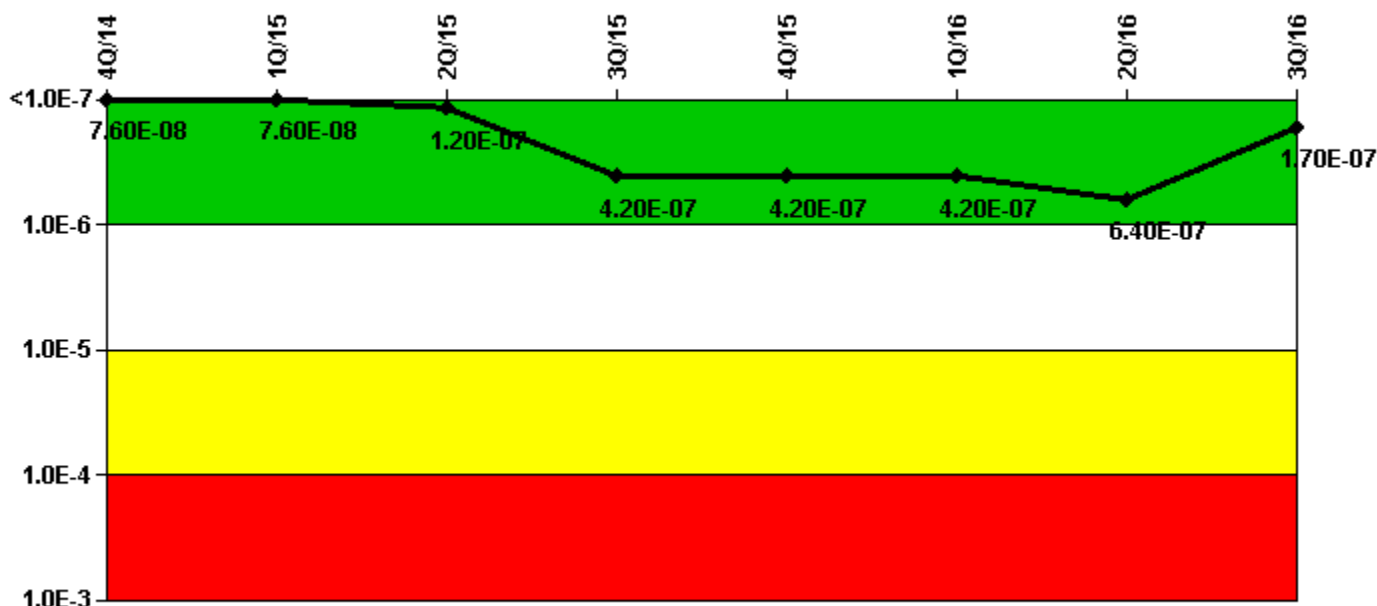
3Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model revision was approved on 06/30/16 with a corresponding MSPI Basis Document revision approved on 09/09/16. Revision 12 of the D.C. Cook MSPI Basis Document incorporates the update of the PRA. The PRA model revision was an update to the model which included crediting of offsite power recovery in accident scenarios that do not begin with a Loss of Offsite Power. As a result of the PRA model change, the CDF and Fussel-Vesely numbers for all monitored trains and components were revised.

2Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model Revision 2 was approved on 03/31/16 with a corresponding MSPI Basis Document Revision 10 approved on 06/02/16. New software was used to form the PRA model and to calculate risk importance to provide increased precision on the calculated metrics. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. Additionally, this revision includes changes to the model of record made to resolve facts and observations from the 2015 Peer Review of the D.C Cook PRA model of record. The MSPI Basis Document was also updated to show compliance with the changes to NEI 99-02 Appendix G from the approval of FAQ 14-01. No new components were scoped into MSPI or excluded from monitoring due to the changes incorporated in this revision. MSPI Basis Document Revision 11 was approved on 06/29/16. This revision was for correction of typographical errors and had no numerical or programmatic impact.

4Q/15: An FAQ has been submitted due to an unresolved issue from the NRC 3rd Quarter Baseline Inspection. The unresolved issue is related to a PRA Modeling error discovered and entered into the Station Corrective Action Program and corrected in the 3rd Quarter 2015 submittal following approval of the PRA Model revision in the 2nd Quarter 2015. The NRC Resident Inspectors questioned why previously submitted MSPI data was not corrected when the error was discovered. The Station's understanding of NEI 99-02 guidance for correcting previously submitted data is that changes based on PRA Model revisions, including error correction, are implemented in the quarter following approval of the revised PRA Model and previously submitted data is not updated.

3Q/15: Changed PRA Parameter(s). The 2015 DC Cook Internal Events PRA Model of Record was approved on 6/30/15 with a corresponding MSPI Basis Document Revision 9 approved on 10/01/15. The PRA model revision was a full-scope periodic update to the model which included a data update and correction of modeling issues identified in the 2009 model. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised.

### 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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	-2.84E-11	-2.84E-11	-2.03E-11	-7.23E-09	-7.23E-09	-7.20E-09	-1.89E-08	-4.79E-09
URI (ΔCDF)	7.62E-08	7.62E-08	1.23E-07	4.31E-07	4.31E-07	4.31E-07	6.61E-07	1.70E-07
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	7.60E-08	7.60E-08	1.20E-07	4.20E-07	4.20E-07	4.20E-07	6.40E-07	1.70E-07

#### Licensee Comments:

3Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model revision was approved on 06/30/16 with a corresponding MSPI Basis Document revision approved on 09/09/16. Revision 12 of the D.C. Cook MSPI Basis Document incorporates the update of the PRA. The PRA model revision was an update to the model which included crediting of offsite power recovery in accident scenarios that do not begin with a Loss of Offsite Power. As a result of the PRA model change, the CDF and Fussel-Vesely numbers for all monitored trains and components were revised.

2Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model Revision 2 was approved on 03/31/16 with a corresponding MSPI Basis Document Revision 10 approved on 06/02/16. New software was used to form the PRA model and to calculate risk importance to provide increased precision on the calculated metrics. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. Additionally, this revision includes changes to the model of record made to resolve facts and observations from the 2015 Peer Review of the D.C Cook PRA model of record. The MSPI Basis Document was also updated to show compliance with the changes to NEI 99-02 Appendix G from the approval of FAQ 14-01. No new components were scoped into MSPI or excluded from monitoring due to the changes incorporated in this

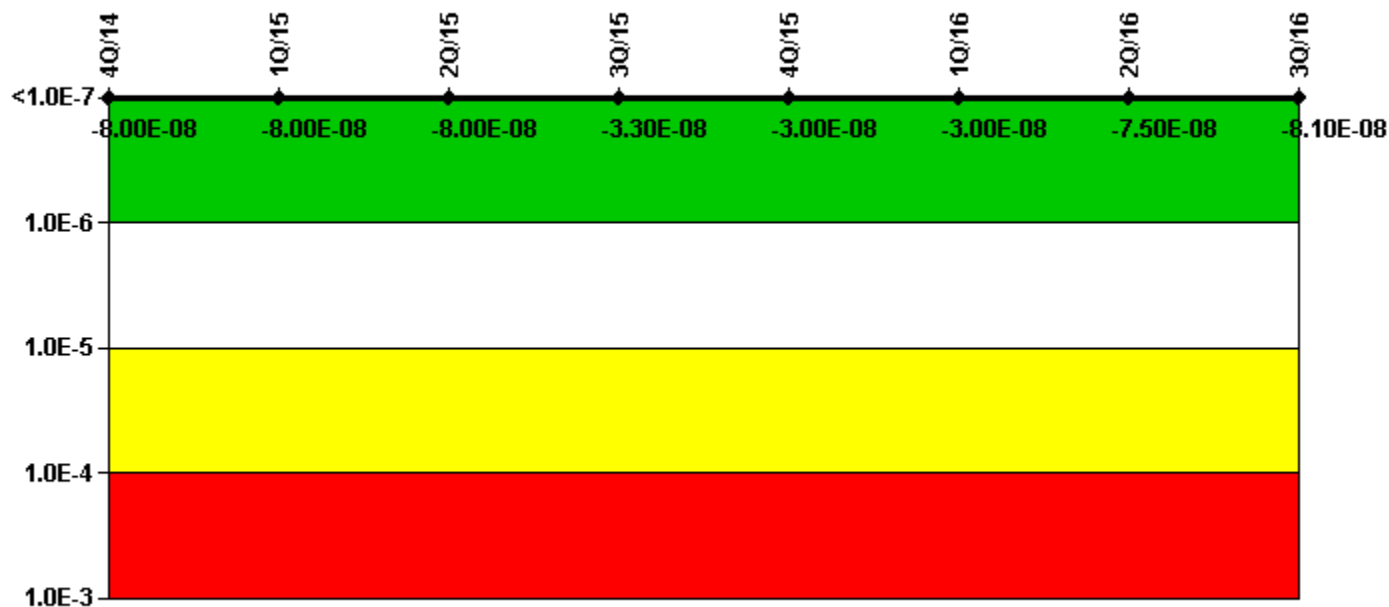


revision. MSPI Basis Document Revision 11 was approved on 06/29/16. This revision was for correction of typographical errors and had no numerical or programmatic impact.

4Q/15: An FAQ has been submitted due to an unresolved issue from the NRC 3rd Quarter Baseline Inspection. The unresolved issue is related to a PRA Modeling error discovered and entered into the Station Corrective Action Program and corrected in the 3rd Quarter 2015 submittal following approval of the PRA Model revision in the 2nd Quarter 2015. The NRC Resident Inspectors questioned why previously submitted MSPI data was not corrected when the error was discovered. The Station's understanding of NEI 99-02 guidance for correcting previously submitted data is that changes based on PRA Model revisions, including error correction, are implemented in the quarter following approval of the revised PRA Model and previously submitted data is not updated.

3Q/15: Changed PRA Parameter(s). The 2015 DC Cook Internal Events PRA Model of Record was approved on 6/30/15 with a corresponding MSPI Basis Document Revision 9 approved on 10/01/15. The PRA model revision was a full-scope periodic update to the model which included a data update and correction of modeling issues identified in the 2009 model. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised.

### 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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	-3.23E-13	-3.23E-13	-3.23E-13	-1.91E-09	1.74E-09	2.13E-09	4.82E-09	-1.15E-09
	-8.05E-	-8.05E-	-8.05E-	-3.15E-	-3.19E-	-3.23E-	-7.99E-	-7.99E-

URI ( $\Delta$ CDF)	08	08	08	08	08	08	08	08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
<b>Indicator value</b>	<b>-8.00E-08</b>	<b>-8.00E-08</b>	<b>-8.00E-08</b>	<b>-3.30E-08</b>	<b>-3.00E-08</b>	<b>-3.00E-08</b>	<b>-7.50E-08</b>	<b>-8.10E-08</b>

## Licensee Comments:

3Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model revision was approved on 06/30/16 with a corresponding MSPI Basis Document revision approved on 09/09/16. Revision 12 of the D.C. Cook MSPI Basis Document incorporates the update of the PRA. The PRA model revision was an update to the model which included crediting of offsite power recovery in accident scenarios that do not begin with a Loss of Offsite Power. As a result of the PRA model change, the CDF and Fussel-Vesely numbers for all monitored trains and components were revised.

2Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model Revision 2 was approved on 03/31/16 with a corresponding MSPI Basis Document Revision 10 approved on 06/02/16. New software was used to form the PRA model and to calculate risk importance to provide increased precision on the calculated metrics. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. Additionally, this revision includes changes to the model of record made to resolve facts and observations from the 2015 Peer Review of the D.C Cook PRA model of record. The MSPI Basis Document was also updated to show compliance with the changes to NEI 99-02 Appendix G from the approval of FAQ 14-01. No new components were scoped into MSPI or excluded from monitoring due to the changes incorporated in this revision. MSPI Basis Document Revision 11 was approved on 06/29/16. This revision was for correction of typographical errors and had no numerical or programmatic impact.

4Q/15: Changed PRA Parameter(s). An FAQ has been submitted due to an unresolved issue from the NRC 3rd Quarter Baseline Inspection. The unresolved issue is related to a PRA Modeling error discovered and entered into the Station Corrective Action Program and corrected in the 3rd Quarter 2015 submittal following approval of the PRA Model revision in the 2nd Quarter 2015. The NRC Resident Inspectors questioned why previously submitted MSPI data was not corrected when the error was discovered. The Station's understanding of NEI 99-02 guidance for correcting previously submitted data is that changes based on PRA Model revisions, including error correction, are implemented in the quarter following approval of the revised PRA Model and previously submitted data is not updated.

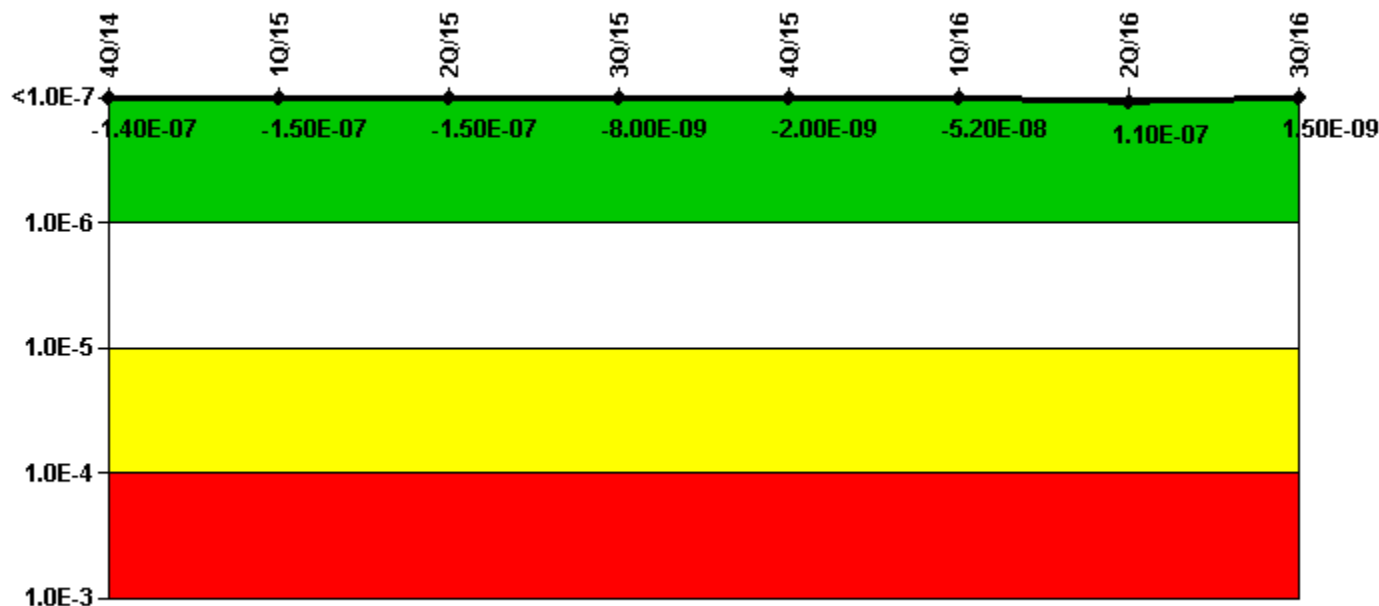
3Q/15: Changed PRA Parameter(s). The 2015 DC Cook Internal Events PRA Model of Record was approved on 6/30/15 with a corresponding MSPI Basis Document Revision 9 approved on 10/01/15. The PRA model revision was a full-scope periodic update to the model which included a data update and correction of modeling issues identified in the 2009 model. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised. The RHR scope of monitored components was revised. 1-CMO-419 and 1-CMO-429, RHR Heat Exchanger CCW Outlet Valves, are now included in the scope of monitored components based on their Birnbaum importance. 1-ICM-311 and 1-ICM-321, RHR Pump Discharge MOVs, are removed from the scope of monitored components since they do not have an active safety function modeled in the PRA..

3Q/15: Changed PRA Parameter(s). Data entry errors were identified in the third quarter 2015 MSPI Parameter update for Unit 1 Residual Heat Removal following submittal. As a result, the FVURC value for 1-ICM-305 (Unit 1 Recirculation Sump to East RHR/CTS Pumps Suction Containment Isolation Valve) and the FVURC and URPC values for 1-IMO-390 (Unit 1 Refueling Water Storage Tank TK-33 to Residual Heat Removal Pumps Suction Shutoff Valve) were revised for the third quarter 2015. The Unit 1 RHR MSPI color remained green following these changes.

2Q/15: On 6/14/15, Operations identified an oil leak on the Unit 1 East RHR Motor Lower Bearing. An engineering evaluation of the ability of the RHR pump to perform its MSPI function with the identified oil leak has not been completed. Preliminary evaluation of this condition determined that the RHR pump was capable of operating

successfully for the 24 hour PRA mission time used for MSPI reporting with the identified oil leak. Based on the preliminary evaluation, a Failure to Run is not being counted for the Unit 1 East RHR Pump.

### 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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
UAI (ΔCDF)	1.60E-11	5.38E-11	6.17E-11	8.67E-08	9.31E-08	4.36E-08	2.66E-08	2.68E-08
URI (ΔCDF)	-1.42E-07	-1.51E-07	-1.52E-07	-9.47E-08	-9.51E-08	-9.54E-08	8.23E-08	-2.53E-08
PLE	NO	NO	NO	NO	NO	NO	NO	NO
Indicator value	-1.40E-07	-1.50E-07	-1.50E-07	-8.00E-09	-2.00E-09	-5.20E-08	1.10E-07	1.50E-09

#### Licensee Comments:

3Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model revision was approved on 06/30/16 with a corresponding MSPI Basis Document revision approved on 09/09/16. Revision 12 of the D.C. Cook MSPI Basis Document incorporates the update of the PRA. The PRA model revision was an update to the model which included crediting of offsite power recovery in accident scenarios that do not begin with a Loss of Offsite Power. As a result of the PRA model change, the CDF and Fussel-Vesely numbers for all monitored trains and components were revised.

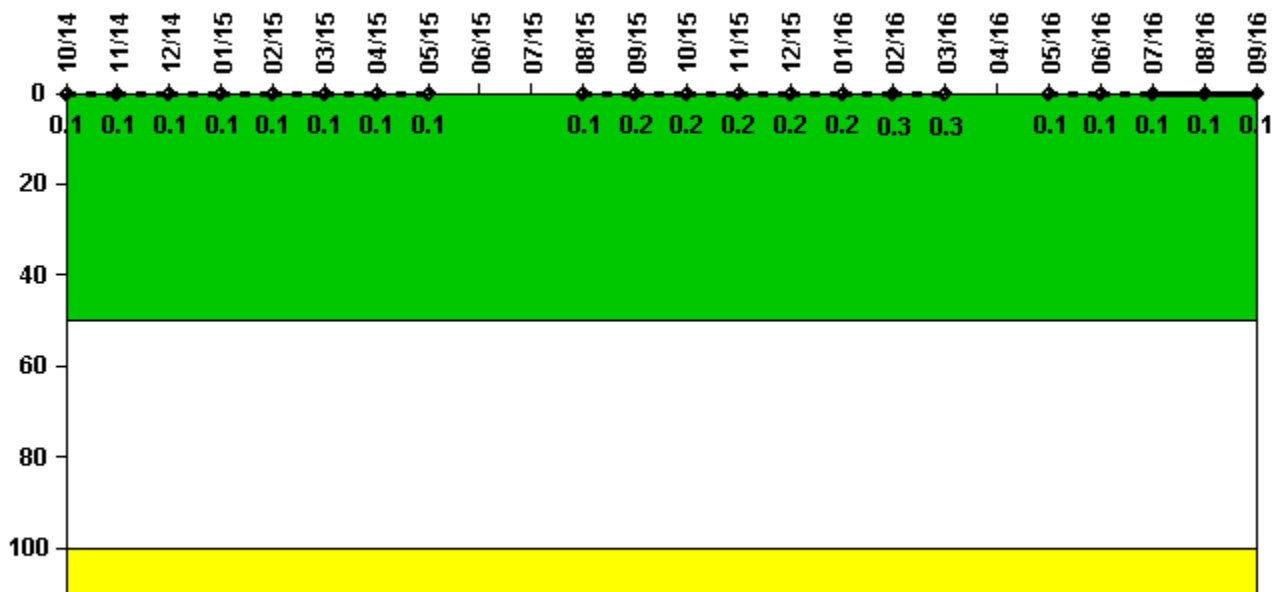
2Q/16: Changed PRA Parameter(s). The D.C. Cook PRA Model Revision 2 was approved on 03/31/16 with a corresponding MSPI Basis Document Revision 10 approved on 06/02/16. New software was used to form the PRA model and to calculate risk importance to provide increased precision on the calculated metrics. As a result of the PRA model change, the CDF, Fussel-Vesely and Basic Event Probabilities for all monitored trains and components were revised. Additionally, this revision includes changes to the model of record made to resolve facts and observations from the 2015 Peer Review of the D.C Cook PRA model of record. The MSPI Basis Document was also updated to show compliance with the changes to NEI 99-02 Appendix G from the approval of FAQ 14-01. No new components were scoped into MSPI or excluded from monitoring due to the changes incorporated in this revision. MSPI Basis Document Revision 11 was approved on 06/29/16. This revision was for correction of typographical errors and had no numerical or programmatic impact.

4Q/15: An FAQ has been submitted due to an unresolved issue from the NRC 3rd Quarter Baseline Inspection. The unresolved issue is related to a PRA Modeling error discovered and entered into the Station Corrective Action Program and corrected in the 3rd Quarter 2015 submittal following approval of the PRA Model revision in the 2nd Quarter 2015. The NRC Resident Inspectors questioned why previously submitted MSPI data was not corrected when the error was discovered. The Station's understanding of NEI 99-02 guidance for correcting previously submitted data is that changes based on PRA Model revisions, including error correction, are implemented in the quarter following approval of the revised PRA Model and previously submitted data is not updated.

3Q/15: Changed PRA Parameter(s). The 2015 DC Cook Internal Events PRA Model of Record was approved on 6/30/15 with a corresponding MSPI Basis Document Revision 9 approved on 10/01/15. The PRA model revision was a full-scope periodic update to the model which included a data update and correction of modeling issues identified in the 2009 model. As a result of the PRA model change, the CDF, Fussel-Vesely, and Basic Event Probabilities for all monitored trains and components were revised.

1Q/15: The MSPI Basis Document was updated in the 4th Quarter 2014 to reflect 2009 PRA model of record error that the PRA model incorrectly removed cutsets associated with failure of the CCW heat exchanger CCW outlet valves (1-CMO-410 & 420) opening from model results. As a result, these valves have been incorporated in the Unit 1 Cooling Water System scope of monitored components.

### Reactor Coolant System Activity



Thresholds: White > 50.0 Yellow > 100.0

#### Notes

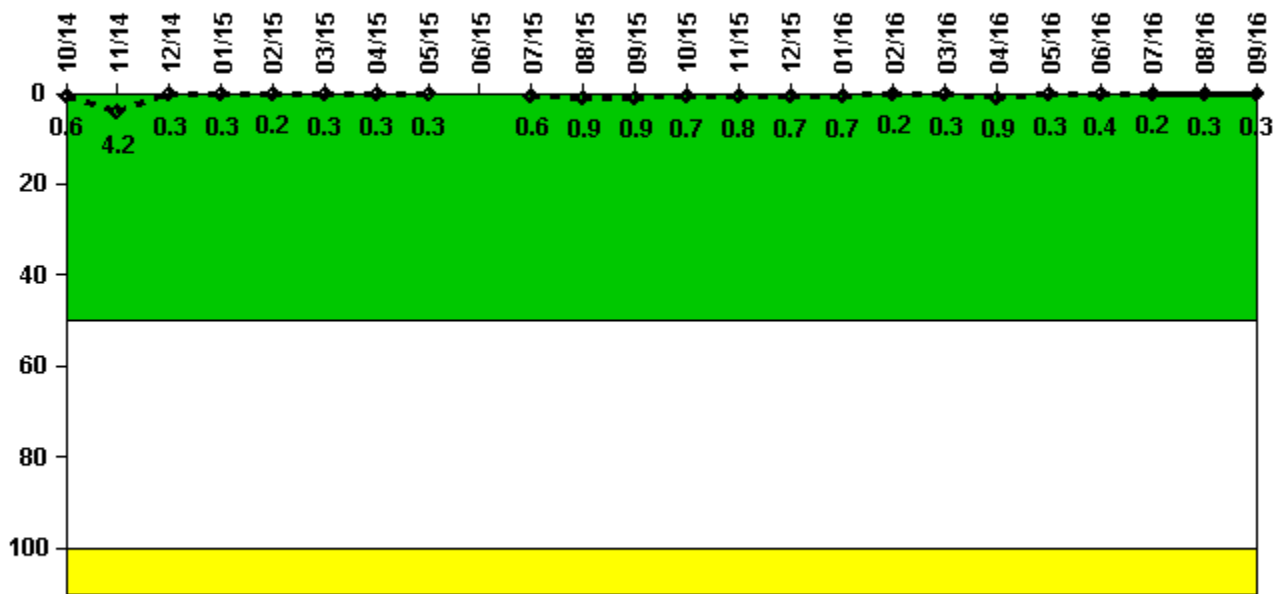
Reactor Coolant System Activity	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum activity	0.000282	0.000490	0.000371	0.000370	0.000389	0.000417	0.000446	0.000474	N/A	N/A	0.000508	0.000542
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	N/A	N/A	0.1	0.2

Reactor Coolant System Activity	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum activity	0.000577	0.000609	0.000629	0.000648	0.000892	0.000940	N/A	0.000299	0.000333	0.000345	0.000379	0.000392
Technical specification limit	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4	0.4
Indicator value	0.2	0.2	0.2	0.2	0.3	0.3	N/A	0.1	0.1	0.1	0.1	0.1

Licensee Comments: none

### Reactor Coolant System Leakage



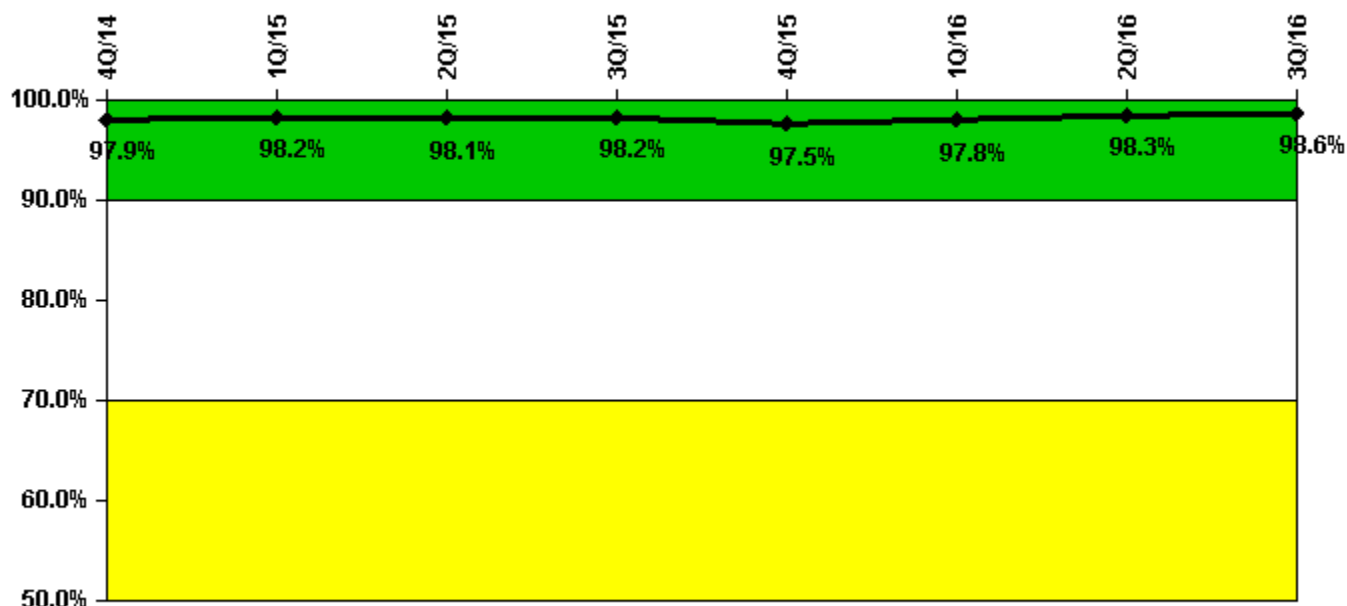
Thresholds: White > 50.0 Yellow > 100.0

**Notes**

Reactor Coolant System Leakage	10/14	11/14	12/14	1/15	2/15	3/15	4/15	5/15	6/15	7/15	8/15	9/15
Maximum leakage	0.070	0.452	0.032	0.028	0.026	0.029	0.030	0.032	N/A	0.066	0.092	0.092
Technical specification limit	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
<b>Indicator value</b>	<b>0.6</b>	<b>4.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>	<b>0.3</b>	<b>N/A</b>	<b>0.6</b>	<b>0.9</b>	<b>0.9</b>
Reactor Coolant System Leakage	10/15	11/15	12/15	1/16	2/16	3/16	4/16	5/16	6/16	7/16	8/16	9/16
Maximum leakage	0.075	0.087	0.072	0.071	0.018	0.028	0.092	0.037	0.038	0.019	0.031	0.035
Technical specification limit	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
<b>Indicator value</b>	<b>0.7</b>	<b>0.8</b>	<b>0.7</b>	<b>0.7</b>	<b>0.2</b>	<b>0.3</b>	<b>0.9</b>	<b>0.3</b>	<b>0.4</b>	<b>0.2</b>	<b>0.3</b>	<b>0.3</b>

Licensee Comments: none

### Drill/Exercise Performance



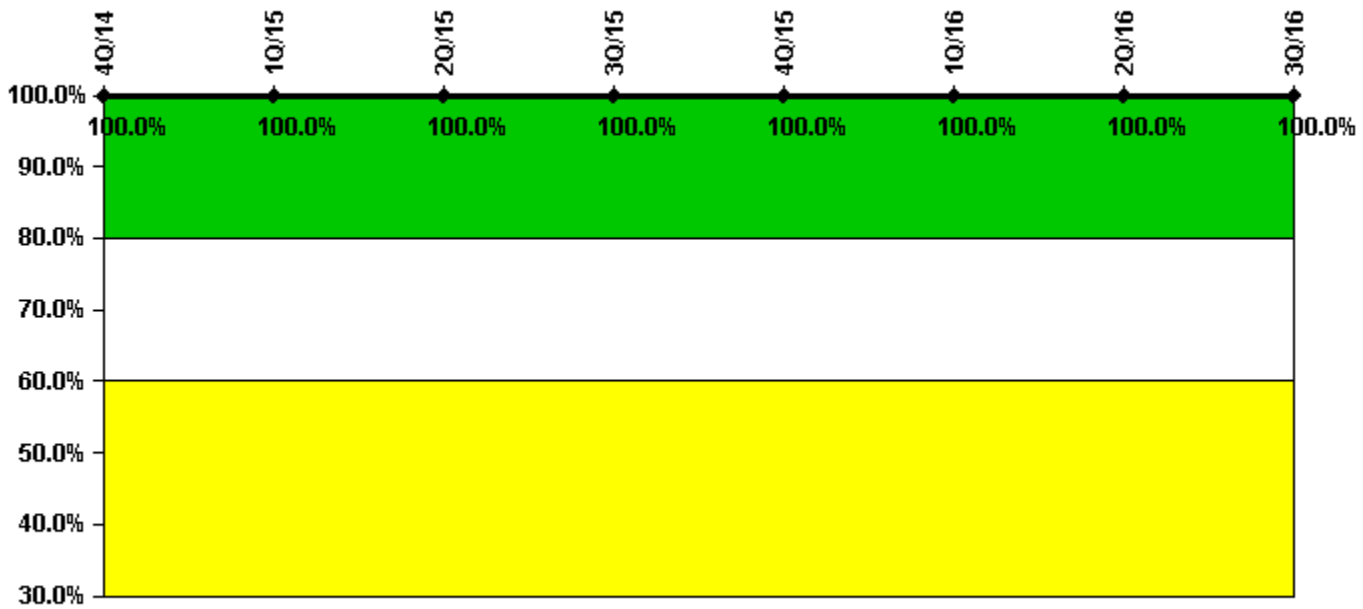
Thresholds: White < 90.0% Yellow < 70.0%

#### Notes

Drill/Exercise Performance	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful opportunities	56.0	68.0	12.0	62.0	56.0	62.0	34.0	81.0
Total opportunities	56.0	69.0	12.0	62.0	60.0	62.0	34.0	82.0
Indicator value	97.9%	98.2%	98.1%	98.2%	97.5%	97.8%	98.3%	98.6%

Licensee Comments: none

### ERO Drill Participation



Thresholds: White < 80.0% Yellow < 60.0%

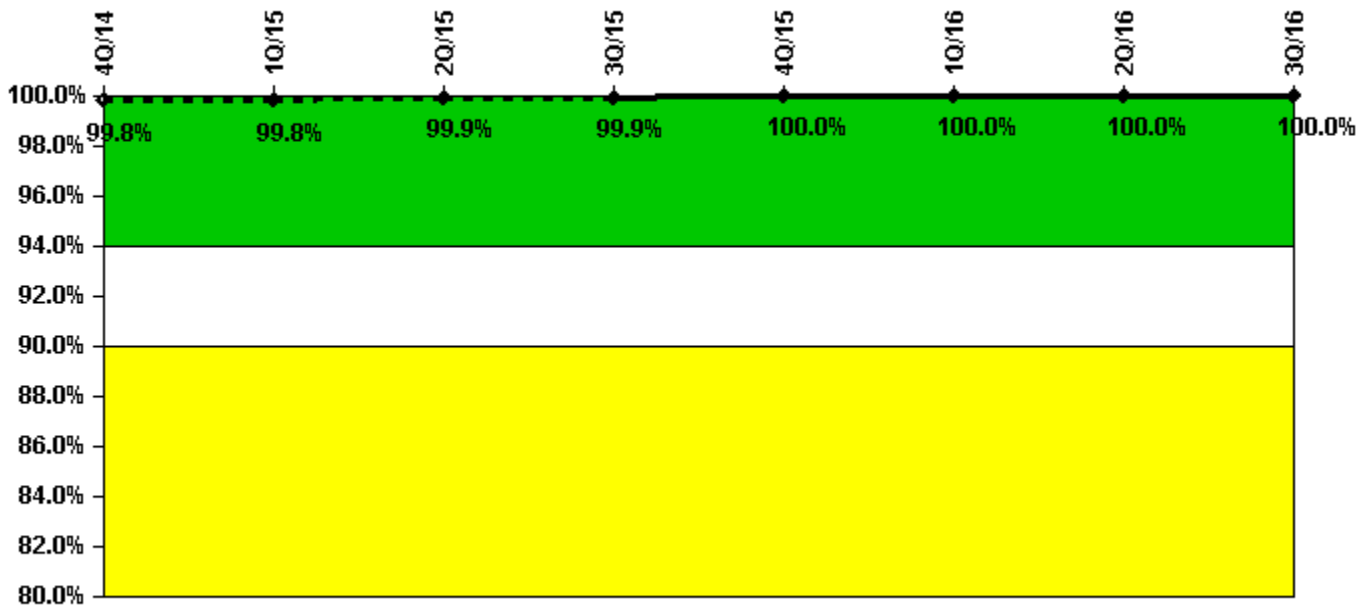
#### Notes

ERO Drill Participation	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Participating Key personnel	128.0	133.0	134.0	132.0	132.0	132.0	109.0	115.0
Total Key personnel	128.0	133.0	134.0	132.0	132.0	132.0	109.0	115.0
Indicator value	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none



### Alert & Notification System



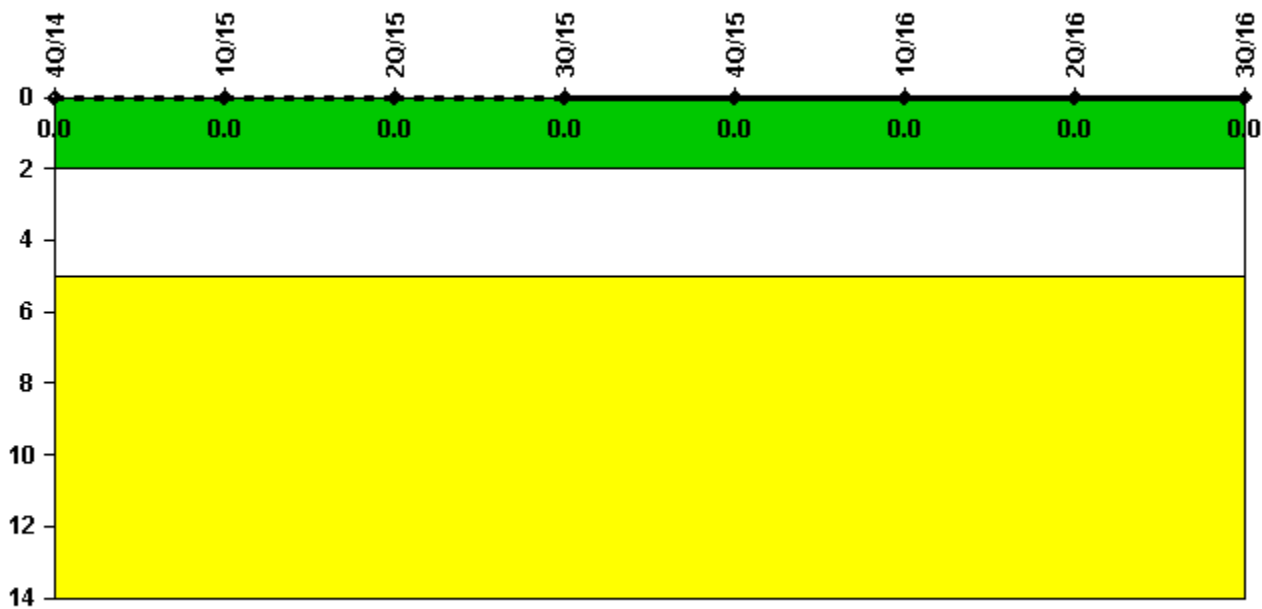
Thresholds: White < 94.0% Yellow < 90.0%

#### Notes

Alert & Notification System	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
Successful siren-tests	1187	1050	1119	1190	1120	1119	1119	1050
Total sirens-tests	1190	1050	1119	1190	1120	1120	1119	1050
Indicator value	99.8%	99.8%	99.9%	99.9%	100.0%	100.0%	100.0%	100.0%

Licensee Comments: none

### Occupational Exposure Control Effectiveness



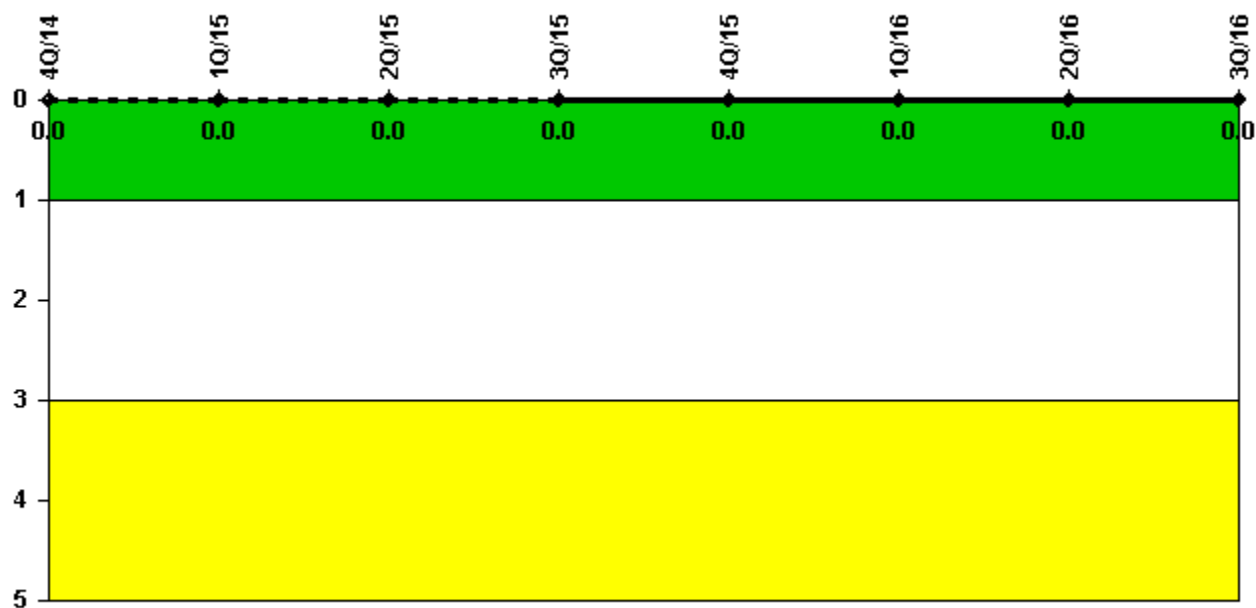
Thresholds: White > 2.0 Yellow > 5.0

#### Notes

Occupational Exposure Control Effectiveness	4Q/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
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/14	1Q/15	2Q/15	3Q/15	4Q/15	1Q/16	2Q/16	3Q/16
RETS/ODCM occurrences	0	0	0	0	0	0	0	0
Indicator value	0	0	0	0	0	0	0	0

Licensee Comments: none

Although the Security Cornerstone is included in the Reactor Oversight Process assessment program, the Commission has decided that specific information related to findings and performance indicators pertaining to the Security Cornerstone will not be publicly available to ensure that security information is not provided to a possible adversary. Other than the fact that a finding or performance indicator is Green or Greater-Than-Green, security related information will not be displayed on the public web page.

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

*Last Modified: October 23, 2016*