

## ROP Action Matrix Summary and Current Regulatory Oversight

The assessment program collects information from inspections and performance indicators (PIs) in order to enable the agency to arrive at objective conclusions about the licensee's safety performance. Based on this assessment information, the NRC determines the appropriate level of agency response, including supplemental inspection and pertinent regulatory actions ranging from management meetings up to and including orders for plant shutdown. The Action Matrix Summary listed below reflects overall plant performance and is updated regularly to reflect inputs from the most recent performance indicators and inspection findings. [Security](#) information is not publicly available and the associated performance indicators and inspection findings are not integrated into the Action Matrix Summary.

For those plants that are in the Regulatory Response Column, Degraded Cornerstone Column, Multiple/Repetitive Degraded Cornerstone Column, and Unacceptable Performance Column of the Action Matrix, notes are provided to explain the assessment inputs that direct the associated regulatory response. Additionally, information on the current level of inspection at each reactor unit (based on deviations from the Action Matrix, supplemental inspection status, etc.) is also found below. For any licensee in the Licensee Response Column, the expected agency inspection is the baseline program.

The substantive cross-cutting issues are available on the [ROP Substantive Cross Cutting Issues Summary](#) page for each of the plants.

**Last Modified: 03-16-2011**

### Current Regulatory Oversight Table

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#### ▲ Region I

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Beaver Valley 1	Licensee Response Column	Baseline inspection
Beaver Valley 2	Licensee Response Column	Baseline inspection
Calvert Cliffs 1	Licensee Response Column	Baseline inspection
Calvert Cliffs 2	Regulatory Response Column Calvert Cliffs 2 is in Column 2 because of one white Mitigating Systems Cornerstone finding originating in 2Q2010.	Baseline inspection and IP 95001 supplemental inspection
FitzPatrick	Licensee Response Column	Baseline inspection
Ginna	Regulatory Response Column Ginna is in Column 2 because of one white Mitigating Systems Cornerstone PI (Mitigating Systems Performance Index, Heat Removal System) from 3Q2009 through 3Q2010. The supplemental inspection for the white PI was completed in 3Q2010; however, the PI will continue to be a white input to the Action Matrix until it returns to the green performance band.	Baseline inspection
Hope Creek 1	Licensee Response Column	Baseline inspection

Indian Point 2	Licensee Response Column	Baseline inspection
Indian Point 3	Licensee Response Column	Baseline inspection
Limerick 1	Licensee Response Column	Baseline inspection
Limerick 2	Licensee Response Column	Baseline inspection
Millstone 2	Licensee Response Column	Baseline inspection
Millstone 3	Licensee Response Column	Baseline inspection
Nine Mile Point 1	Licensee Response Column	Baseline inspection
Nine Mile Point 2	Licensee Response Column	Baseline inspection
Oyster Creek	Licensee Response Column	Baseline inspection
Peach Bottom 2	Licensee Response Column	Baseline inspection
Peach Bottom 3	Licensee Response Column	Baseline inspection
Pilgrim 1	Licensee Response Column	Baseline inspection
Salem 1	Licensee Response Column	Baseline inspection
Salem 2	Licensee Response Column	Baseline inspection
Seabrook 1	Licensee Response Column	Baseline inspection
Susquehanna 1	Regulatory Response Column Susquehanna 1 is in Column 2 because of one white finding in the Initiating Events Cornerstone originating in 3Q2010.	Baseline inspection and IP 95001 supplemental inspection
Susquehanna 2	Licensee Response Column	Baseline inspection
Three Mile Island 1	Licensee Response Column	Baseline inspection
Vermont Yankee	Licensee Response Column	Baseline inspection and ROP Action Matrix deviation in effect

▲ **Region II**

<b>Reactor Unit</b>	<b>Action Matrix Column</b>	<b>Current Regulatory Oversight</b>
Browns Ferry 1	Licensee Response Column The Inspection Findings Summary and Unit Performance Summary for 4Q2010 still indicate a yellow inspection finding under the Mitigating Systems cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011, the finding is closed and Browns Ferry 1 is in Column 1.	Baseline inspection
Browns Ferry 2	Licensee Response Column The Inspection Findings Summary and Unit Performance Summary for 4Q2010 still indicate a yellow inspection finding under the Mitigating Systems cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011,	Baseline inspection

	the finding is closed and Browns Ferry 2 is in Column 1.	
Browns Ferry 3	Licensee Response Column The Inspection Findings Summary and Unit Performance Summary for 4Q2010 still indicate a yellow inspection finding under the Mitigating Systems cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011, the finding is closed and Browns Ferry 3 is in Column 1.	Baseline inspection
Brunswick 1	Regulatory Response Column Brunswick 1 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 4Q2010	Baseline inspection and IP 95001 supplemental inspection
Brunswick 2	Regulatory Response Column Brunswick 2 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 4Q2010	Baseline inspection and IP 95001 supplemental inspection
Catawba 1	Licensee Response Column	Baseline inspection
Catawba 2	Licensee Response Column	Baseline inspection
Crystal River 3	Licensee Response Column	Baseline inspection
Farley 1	Regulatory Response Column Farley 1 is in Column 2 because of one white Mitigating Systems Cornerstone PI (Mitigating Systems Performance Index, Emergency AC Power System) originating in 1Q2008. The supplemental inspection for the PI was completed in 3Q2008; however, the PI will continue to be a white input to the Action Matrix until it returns to the green performance band.	Baseline inspection
Farley 2	Licensee Response Column	Baseline inspection
Harris 1	Licensee Response Column	Baseline inspection
Hatch 1	Licensee Response Column	Baseline inspection
Hatch 2	Licensee Response Column	Baseline inspection
McGuire 1	Licensee Response Column	Baseline inspection
McGuire 2	Licensee Response Column	Baseline inspection
North Anna 1	Licensee Response Column	Baseline inspection
North Anna 2	Regulatory Response Column North Anna 2 is in Column 2 because of one white Initiating Events Cornerstone PI (Unplanned Scrams per 7000 Critical Hours) originating in 3Q2010.	Baseline inspection and IP 95001 supplemental inspection

Oconee 1	<p>Licensee Response Column</p> <p>The Inspection Findings Summary and Unit Performance Summary for 4Q2010 still indicate a yellow inspection finding under the Mitigating Systems cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011, the finding is closed and Oconee 1 is in Column 1.</p>	Baseline inspection
Oconee 2	<p>Licensee Response Column</p> <p>The Inspection Findings Summary and Unit Performance Summary for 4Q2010 still indicate a yellow inspection finding under the Mitigating Systems cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011, the finding is closed and Oconee 2 is in Column 1.</p>	Baseline inspection
Oconee 3	<p>Licensee Response Column</p> <p>The Inspection Findings Summary and Unit Performance Summary for 4Q2010 still indicate a yellow inspection finding under the Mitigating Systems cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011, the finding is closed and Oconee 3 is in Column 1.</p>	Baseline inspection
Robinson 2	<p>Degraded Cornerstone Column</p> <p>Robinson 2 is in Column 3 because of one White Mitigating System finding for Inadequate Corrective Actions regarding EDG breaker originating in 3Q2010, one white Mitigating System finding for requalification training issues originating in 3Q2010, and one white Mitigating System finding for failure to comply with conduct of operation procedures origination in 4Q2010.</p>	<p>Baseline inspection</p> <p>and</p> <p>IP 95002 supplemental inspection</p>
Saint Lucie 1	Licensee Response Column	Baseline inspection
Saint Lucie 2	Licensee Response Column	Baseline inspection
Sequoyah 1	Licensee Response Column	Baseline inspection
Sequoyah 2	Licensee Response Column	Baseline inspection
Summer	Licensee Response Column	Baseline inspection
Surry 1	Licensee Response Column	Baseline inspection
Surry 2	Licensee Response Column	Baseline inspection
	<p>Licensee Response Column</p> <p>The Inspection Findings Summary and Unit Performance Summary for 4Q2010</p>	

Turkey Point 3	still indicate a white inspection finding under the Initiating Event cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2011, the finding is closed and Turkey Point 3 is in Column 1.	Baseline inspection
Turkey Point 4	Regulatory Response Column Turkey Point Unit 4 is in Column 2 because of one White Initiating Events Cornerstone PI (Unplanned Scrams per 7000 Critical Hrs) originating in 4Q2010.	Baseline inspection and IP 95001 supplemental inspection
Vogtle 1	Licensee Response Column	Baseline inspection
Vogtle 2	Licensee Response Column	Baseline inspection
Watts Bar 1	Licensee Response Column	Baseline inspection

### ▲ Region III

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Braidwood 1	Licensee Response Column	Baseline inspection
Braidwood 2	Licensee Response Column	Baseline inspection
Byron 1	Licensee Response Column	Baseline inspection
Byron 2	Regulatory Response Column Byron 2 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 1Q2011.  Further information related to this finding will not be displayed on the Reactor Oversight Process webpage until after the end of 1st quarter 2011. The final significance determination letter can be found in ADAMS Accession Number ML110740619.	Baseline inspection and IP 95001 supplemental inspection
Clinton	Licensee Response Column	Baseline inspection
D.C. Cook 1	Licensee Response Column	Baseline inspection
D.C. Cook 2	Licensee Response Column	Baseline inspection
Davis-Besse	Licensee Response Column	Baseline inspection
Dresden 2	Licensee Response Column	Baseline inspection
Dresden 3	Licensee Response Column	Baseline inspection
Duane Arnold	Licensee Response Column	Baseline inspection
Fermi 2	Licensee Response Column	Baseline inspection
Kewaunee	Licensee Response Column	Baseline inspection
La Salle 1	Licensee Response Column	Baseline inspection
La Salle 2	Licensee Response Column	Baseline inspection
Monticello	Licensee Response Column	Baseline inspection
Palisades	Licensee Response Column	Baseline inspection

Perry 1	Licensee Response Column	Baseline inspection
Point Beach 1	Licensee Response Column	Baseline inspection
Point Beach 2	Licensee Response Column	Baseline inspection
Prairie Island 1	Licensee Response Column	Baseline inspection
Prairie Island 2	Licensee Response Column	Baseline inspection
Quad Cities 1	Licensee Response Column	Baseline inspection
Quad Cities 2	Licensee Response Column	Baseline inspection

▲ **Region IV**

<b>Reactor Unit</b>	<b>Action Matrix Column</b>	<b>Current Regulatory Oversight</b>
Arkansas Nuclear 1	Licensee Response Column	Baseline inspection
Arkansas Nuclear 2	Licensee Response Column	Baseline inspection
Callaway	Licensee Response Column	Baseline inspection
Columbia Generating Station	Licensee Response Column	Baseline inspection
Comanche Peak 1	Licensee Response Column	Baseline inspection
Comanche Peak 2	Licensee Response Column	Baseline inspection
Cooper	Licensee Response Column	Baseline inspection
Diablo Canyon 1	Licensee Response Column	Baseline inspection
Diablo Canyon 2	Licensee Response Column	Baseline inspection
Fort Calhoun	Degraded Cornerstone Column Fort Calhoun is in Column 3 because of one yellow finding in the Mitigating Systems Cornerstone originating in 2Q2010.	Baseline inspection and IP 95002 supplemental inspection
Grand Gulf 1	Licensee Response Column	Baseline inspection
Palo Verde 1	Licensee Response Column	Baseline inspection
Palo Verde 2	Licensee Response Column	Baseline inspection
Palo Verde 3	Licensee Response Column	Baseline inspection
River Bend 1	Licensee Response Column	Baseline inspection
San Onofre 2	Licensee Response Column	Baseline inspection
San Onofre 3	Licensee Response Column	Baseline inspection
South Texas 1	Licensee Response Column	Baseline inspection
South Texas 2	Licensee Response Column	Baseline inspection
Waterford 3	Licensee Response Column	Baseline inspection
Wolf Creek 1	Degraded Cornerstone Column Wolf Creek is in Column 3 because of two white Initiating Events Cornerstone PIs (Unplanned Scrams per 7000 Critical Hours in 1Q2010 and Unplanned Scrams	Baseline inspection and

with Complications from 3Q2009 through 1Q2010). Wolf Creek also has a white Mitigating Systems Cornerstone PI (Safety System Functional Failures) from 1Q2010 through 3Q2010.

IP 95002 supplemental inspection

## ▲ Action Matrix Summary

Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
<a href="#"><u>Arkansas Nuclear 1</u></a>	<a href="#"><u>Brunswick 1</u></a>	<a href="#"><u>Fort Calhoun</u></a>		
<a href="#"><u>Arkansas Nuclear 2</u></a>	<a href="#"><u>Brunswick 2</u></a>	<a href="#"><u>Robinson 2</u></a>		
<a href="#"><u>Beaver Valley 1</u></a>	<a href="#"><u>Byron 2</u></a>	<a href="#"><u>Wolf Creek 1</u></a>		
<a href="#"><u>Beaver Valley 2</u></a>	<a href="#"><u>Calvert Cliffs 2</u></a>			
<a href="#"><u>Braidwood 1</u></a>	<a href="#"><u>Farley 1</u></a>			
<a href="#"><u>Braidwood 2</u></a>	<a href="#"><u>Ginna</u></a>			
<a href="#"><u>Browns Ferry 1</u></a>	<a href="#"><u>North Anna 2</u></a>			
<a href="#"><u>Browns Ferry 2</u></a>	<a href="#"><u>Susquehanna 1</u></a>			
<a href="#"><u>Browns Ferry 3</u></a>	<a href="#"><u>Turkey Point 4</u></a>			
<a href="#"><u>Byron 1</u></a>				
<a href="#"><u>Callaway</u></a>				
<a href="#"><u>Calvert Cliffs 1</u></a>				
<a href="#"><u>Catawba 1</u></a>				
<a href="#"><u>Catawba 2</u></a>				
<a href="#"><u>Clinton</u></a>				
<a href="#"><u>Columbia Generating Station</u></a>				
<a href="#"><u>Comanche Peak 1</u></a>				
<a href="#"><u>Comanche Peak 2</u></a>				
<a href="#"><u>Cooper</u></a>				
<a href="#"><u>Crystal River 3</u></a>				
<a href="#"><u>D.C. Cook 1</u></a>				
<a href="#"><u>D.C. Cook 2</u></a>				
<a href="#"><u>Davis-Besse</u></a>				
<a href="#"><u>Diablo Canyon 1</u></a>				
<a href="#"><u>Diablo Canyon 2</u></a>				
<a href="#"><u>Dresden 2</u></a>				
<a href="#"><u>Dresden 3</u></a>				
<a href="#"><u>Duane Arnold</u></a>				
<a href="#"><u>Farley 2</u></a>				
<a href="#"><u>Fermi 2</u></a>				
<a href="#"><u>FitzPatrick</u></a>				
<a href="#"><u>Grand Gulf 1</u></a>				
<a href="#"><u>Harris 1</u></a>				
<a href="#"><u>Hatch 1</u></a>				
<a href="#"><u>Hatch 2</u></a>				

[Hope Creek 1](#)

[Indian Point 2](#)

[Indian Point 3](#)

[Kewaunee](#)

[La Salle 1](#)

[La Salle 2](#)

[Limerick 1](#)

[Limerick 2](#)

[McGuire 1](#)

[McGuire 2](#)

[Millstone 2](#)

[Millstone 3](#)

[Monticello](#)

[Nine Mile Point 1](#)

[Nine Mile Point 2](#)

[North Anna 1](#)

[Oconee 1](#)

[Oconee 2](#)

[Oconee 3](#)

[Oyster Creek](#)

[Palisades](#)

[Palo Verde 1](#)

[Palo Verde 2](#)

[Palo Verde 3](#)

[Peach Bottom 2](#)

[Peach Bottom 3](#)

[Perry 1](#)

[Pilgrim 1](#)

[Point Beach 1](#)

[Point Beach 2](#)

[Prairie Island 1](#)

[Prairie Island 2](#)

[Quad Cities 1](#)

[Quad Cities 2](#)

[River Bend 1](#)

[Saint Lucie 1](#)

[Saint Lucie 2](#)

[Salem 1](#)

[Salem 2](#)

[San Onofre 2](#)

[San Onofre 3](#)

[Seabrook 1](#)

[Sequoyah 1](#)

[Sequoyah 2](#)

[South Texas 1](#)

[South Texas 2](#)

[Summer](#)

[Surry 1](#)

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*Last modification: Mar 16, 2011*