

## 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. 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.

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.

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### 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  The Inspection Findings Summary and Unit Performance Summary pages indicate a greater-than-green finding under the Security Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Calvert 1 is in Column 1.	Baseline inspection
Calvert Cliffs 2	Licensee Response Column  The Inspection Findings Summary and Unit Performance Summary pages indicate a greater-than-green finding under the Security Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Calvert 2 is in Column 1.	Baseline inspection

FitzPatrick	Licensee Response Column	Baseline inspection
Ginna	Licensee Response Column	Baseline inspection
Hope Creek 1	Degraded Cornerstone Column Hope Creek is in Column 3 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 1Q2012.	Baseline inspection and IP 95002 supplemental 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 The Inspection Findings Summary and Unit Performance Summary pages indicate a white inspection finding under the Mitigating Systems Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Limerick 2 is in Column 1.	Baseline inspection
Millstone 2	Regulatory Response Column Millstone 2 is in Column 2 because of a white finding in the Initiating Events Cornerstone originating in 2Q2011.	Baseline inspection and IP 95001 supplemental 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	Regulatory Response Column Pilgrim 1 is in Column 2 because of one white finding in the Mitigating Systems Cornerstone originating in 3Q2011.	Baseline inspection and IP 95001 supplemental inspection
Salem 1	Degraded Cornerstone Column Salem 1 is in Column 3 because of one or more greater-than-green finding(s) in the Security Systems Cornerstone originating in 1Q2012.	Baseline inspection and IP 95002 supplemental inspection
Salem 2	Degraded Cornerstone Column Salem 2 is in Column 3 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 1Q2012.	Baseline inspection and IP 95002 supplemental inspection
	Regulatory Response Column	Baseline inspection

Seabrook 1	Seabrook 1 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 2Q2012.	and IP 95001 supplemental 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. A prior 95002 was performed because Susquehanna 1 was in Column 3 (see report ML12125A374). The inspection found that the white finding was not adequately addressed. Therefore, the finding will be held open until it is inspected satisfactorily. Note that the White Performance Indicator (Unplanned Scrams per 7000 Critical Hours) associated with Column 3 was closed during the 95002 inspection.	Baseline inspection and Continuation of IP 95002 supplemental inspection to address remaining white finding
Susquehanna 2	Licensee Response Column	Baseline inspection
Three Mile Island 1	Licensee Response Column	Baseline inspection
Vermont Yankee	Licensee Response Column	Baseline inspection

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## Region II

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Browns Ferry 1	Multiple/Repetitive Degraded Cornerstone Column Browns Ferry 1 is in Column 4 because of a red finding in the Mitigating Systems Cornerstone originating in 4Q2010.	Baseline inspection and IP 95003 supplemental inspection
Browns Ferry 2	Regulatory Response Column Browns Ferry 2 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 2Q2012.	Baseline inspection and IP 95001 supplemental inspection
Browns Ferry 3	Regulatory Response Column Browns Ferry 3 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 2Q2012. Browns Ferry Unit 3 also has one white PI in the Initiating Events Cornerstone, Unplanned Scrams per 7000 Critical Hours, originating in 2Q2012.	Baseline inspection and IP 95001 supplemental inspection
Brunswick 1	Regulatory Response Column Brunswick 1 is in Column 2 because of a	Baseline inspection and

	white finding in the Mitigating Systems Cornerstone originating in 4Q2011.	IP 95001 supplemental inspection
Brunswick 2	Regulatory Response Column Brunswick 1 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 4Q2011.	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 The Inspection Findings Summary and Unit Performance Summary pages indicate a white inspection finding under the Emergency Preparedness Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Crystal River is in Column 1.	Baseline inspection
Farley 1	Regulatory Response Column Farley 1 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2011.	Baseline inspection and IP 95001 supplemental inspection
Farley 2	Regulatory Response Column Farley 2 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2011.	Baseline inspection and IP 95001 supplemental 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	Regulatory Response Column North Anna 1 is in Column 2 because of one white finding in the Mitigating Systems Cornerstone originating in 4Q2011.	Baseline inspection and IP 95001 supplemental inspection
North Anna 2	Regulatory Response Column North Anna 2 is in Column 2 because of one white finding in the Mitigating Systems Cornerstone originating in 4Q2011.	Baseline inspection and IP 95001 supplemental inspection
	Licensee Response Column As detailed in the inspection report	

Oconee 1	2012011 (ML12068A353) Oconee 1 has a yellow inspection finding in the Mitigating Systems Cornerstone. This finding was determined to be an old design issue, and in accordance with IMC 0305, will not aggregate in the Action Matrix with other performance indicators and inspection findings. Although the yellow finding will not aggregate in the Action Matrix, it will remain open until all IP 95002 inspection objectives have been met and verified by inspection.	Baseline inspection and IP 95002 supplemental inspection
Oconee 2	Licensee Response Column  As detailed in the inspection report 2012011 (ML12068A353) Oconee 2 has a yellow inspection finding in the Mitigating Systems Cornerstone. This finding was determined to be an old design issue, and in accordance with IMC 0305, will not aggregate in the Action Matrix with other performance indicators and inspection findings. Although the yellow finding will not aggregate in the Action Matrix, it will remain open until all IP 95002 inspection objectives have been met and verified by inspection.	Baseline inspection and IP 95002 supplemental inspection
Oconee 3	Licensee Response Column  As detailed in the inspection report 2012011 (ML12068A353) Oconee 3 has a yellow inspection finding in the Mitigating Systems Cornerstone. This finding was determined to be an old design issue, and in accordance with IMC 0305, will not aggregate in the Action Matrix with other performance indicators and inspection findings. Although the yellow finding will not aggregate in the Action Matrix, it will remain open until all IP 95002 inspection objectives have been met and verified by inspection.	Baseline inspection and IP 95002 supplemental inspection
Robinson 2	Licensee Response Column	Baseline inspection
Saint Lucie 1	Degraded Cornerstone Column  Saint Lucie 1 is in Column 3 because of two white Initiating Events Cornerstone PIs both originating in 1Q2012.	Baseline inspection and IP 95002 supplemental 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
Turkey Point 3	Regulatory Response Column Turkey Point Unit 3 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 4Q2011.	Baseline inspection and IP 95001 supplemental inspection
Turkey Point 4	Regulatory Response Column Turkey Point Unit 4 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 4Q2011.	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 The Inspection Findings Summary and Unit Performance Summary pages indicate a greater-than-green finding under the Security Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Watts Bar is in Column 1.	Baseline inspection

### Region III

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Braidwood 1	Licensee Response Column	Baseline inspection
Braidwood 2	Regulatory Response Column Braidwood 2 is in Column 2 because of one white PI in the Mitigating Systems Cornerstone originating in 2Q2012.	Baseline inspection and IP 95001 supplemental inspection
Byron 1	Licensee Response Column	Baseline inspection
Byron 2	Licensee Response Column	Baseline 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
	Regulatory Response Column	Baseline inspection

Fermi 2	Fermi is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2010.	and IP 95001 supplemental 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	Degraded Cornerstone Column  Palisades is in Column 3 because of a yellow finding in the Initiating Events Cornerstone originating in 4Q2011. Palisades also has a white finding in the Initiating Events Cornerstone and a white finding in the Mitigating Systems Cornerstone, both originating 4Q2011.	Baseline inspection  and IP 95002 supplemental inspection
Perry 1	Degraded Cornerstone Column  Perry 1 is in Column 3 because of one white Occupational Radiation Safety Cornerstone PI and one white finding in the Occupational Radiation Safety Cornerstone both originating in 2Q2011.	Baseline inspection  and IP 95002 supplemental inspection
Point Beach 1	Regulatory Response Column  Point Beach 1 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 2Q2012.	Baseline inspection  and IP 95001 supplemental inspection
Point Beach 2	Regulatory Response Column  Point Beach 2 is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 2Q2012.	Baseline inspection  and IP 95001 supplemental inspection
Prairie Island 1	Regulatory Response Column  Prairie Island 1 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2011.	Baseline inspection  and IP 95001 supplemental inspection
Prairie Island 2	Regulatory Response Column  Prairie Island 2 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2011.	Baseline inspection  and IP 95001 supplemental inspection
Quad Cities 1	Licensee Response Column	Baseline inspection
Quad Cities 2	Licensee Response Column	Baseline inspection

**Region IV**

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Arkansas Nuclear 1	Licensee Response Column	Baseline inspection
Arkansas Nuclear 2	Licensee Response Column	Baseline inspection
Callaway	<p>Licensee Response Column</p> <p>The Inspection Findings Summary and Unit Performance Summary pages indicate a greater-than-green finding under the Security Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Callaway is in Column 1.</p>	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	<p>Licensee Response Column</p> <p>The Inspection Findings Summary and Unit Performance Summary still indicates a white inspection finding under the Mitigating Systems Cornerstone. The supplemental inspection was performed satisfactorily. As of 1Q2012, the finding is closed and Cooper is in Column 1.</p>	Baseline inspection
Diablo Canyon 1	Licensee Response Column	Baseline inspection
Diablo Canyon 2	Licensee Response Column	Baseline inspection
Fort Calhoun	<p>Under IMC 0350</p> <p>Fort Calhoun is under the oversight of inspection manual chapter 0350, "Oversight of Reactor Facilities in a Shutdown Condition due to Significant Performance and/or Operational Concerns." For more information please see the letter dated December 13, 2011 (ML113470721).</p>	Nuclear Regulatory Commission staff has established a special oversight panel to coordinate the agency's regulatory activities associated with assessing the performance issues at Fort Calhoun.
Grand Gulf 1	Licensee Response Column	Baseline inspection
Palo Verde 1	<p>Regulatory Response Column</p> <p>Palo Verde 1 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2011.</p>	<p>Baseline inspection</p> <p>and</p> <p>IP 95001 supplemental inspection</p>
Palo Verde 2	<p>Regulatory Response Column</p> <p>Palo Verde 2 is in Column 2 because of one or more greater-than-green finding(s)</p>	<p>Baseline inspection</p> <p>and</p>



	in the Security Cornerstone originating in 4Q2011.	IP 95001 supplemental inspection
Palo Verde 3	Regulatory Response Column Palo Verde 3 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 4Q2011.	Baseline inspection and IP 95001 supplemental inspection
River Bend 1	Regulatory Response Column River Bend is in Column 2 because of one white PI in the Initiating Events Cornerstone for Unplanned Scrams with Complications originating in 2Q2012.	Baseline inspection and IP 95001 supplemental inspection
San Onofre 2	Regulatory Response Column San Onofre 2 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 2Q2012.	Baseline inspection and IP 95001 supplemental inspection
San Onofre 3	Regulatory Response Column San Onofre 3 is in Column 2 because of one or more greater-than-green finding(s) in the Security Cornerstone originating in 2Q2012.	Baseline inspection and IP 95001 supplemental inspection
South Texas 1	Licensee Response Column	Baseline inspection
South Texas 2	Licensee Response Column	Baseline inspection
Waterford 3	Licensee Response Column The Inspection Findings Summary and Unit Performance Summary pages indicate a white inspection finding under the Occupational Radiation Safety Cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2012, the finding is closed and Waterford is in Column 1.	Baseline inspection
Wolf Creek 1	Degraded Cornerstone Column Wolf Creek is in Column 3 because of a yellow finding in the Initiating Events Cornerstone originating in 2Q2012. Wolf Creek also has a white PI in the Mitigating Systems Cornerstone originating in 2Q2012.	Baseline inspection and IP 95002 supplemental inspection

## Action Matrix Summary

Column	Column	Column	Column	Performance Column
<a href="#"><u>Arkansas Nuclear 1</u></a>	<a href="#"><u>Braidwood 2</u></a>	<a href="#"><u>Hope Creek 1</u></a>	<a href="#"><u>Browns Ferry 1</u></a>	
<a href="#"><u>Arkansas Nuclear 2</u></a>	<a href="#"><u>Browns Ferry 2</u></a>	<a href="#"><u>Palisades</u></a>		
<a href="#"><u>Beaver Valley 1</u></a>	<a href="#"><u>Browns Ferry 3</u></a>	<a href="#"><u>Perry 1</u></a>		
<a href="#"><u>Beaver Valley 2</u></a>	<a href="#"><u>Brunswick 1</u></a>	<a href="#"><u>Saint Lucie 1</u></a>		
<a href="#"><u>Braidwood 1</u></a>	<a href="#"><u>Brunswick 2</u></a>	<a href="#"><u>Salem 1</u></a>		
<a href="#"><u>Byron 1</u></a>	<a href="#"><u>Farley 1</u></a>	<a href="#"><u>Salem 2</u></a>		
<a href="#"><u>Byron 2</u></a>	<a href="#"><u>Farley 2</u></a>	<a href="#"><u>Wolf Creek 1</u></a>		
<a href="#"><u>Callaway</u></a>	<a href="#"><u>Fermi 2</u></a>			
<a href="#"><u>Calvert Cliffs 1</u></a>	<a href="#"><u>Millstone 2</u></a>			
<a href="#"><u>Calvert Cliffs 2</u></a>	<a href="#"><u>North Anna 1</u></a>			
<a href="#"><u>Catawba 1</u></a>	<a href="#"><u>North Anna 2</u></a>			
<a href="#"><u>Catawba 2</u></a>	<a href="#"><u>Palo Verde 1</u></a>			
<a href="#"><u>Clinton</u></a>	<a href="#"><u>Palo Verde 2</u></a>			
<a href="#"><u>Columbia Generating Station</u></a>	<a href="#"><u>Palo Verde 3</u></a>			
<a href="#"><u>Comanche Peak 1</u></a>	<a href="#"><u>Pilgrim 1</u></a>			
<a href="#"><u>Comanche Peak 2</u></a>	<a href="#"><u>Point Beach 1</u></a>			
<a href="#"><u>Cooper</u></a>	<a href="#"><u>Point Beach 2</u></a>			
<a href="#"><u>Crystal River 3</u></a>	<a href="#"><u>Prairie Island 1</u></a>			
<a href="#"><u>D.C. Cook 1</u></a>	<a href="#"><u>Prairie Island 2</u></a>			
<a href="#"><u>D.C. Cook 2</u></a>	<a href="#"><u>River Bend 1</u></a>			
<a href="#"><u>Davis-Besse</u></a>	<a href="#"><u>San Onofre 2</u></a>			
<a href="#"><u>Diablo Canyon 1</u></a>	<a href="#"><u>San Onofre 3</u></a>			
<a href="#"><u>Diablo Canyon 2</u></a>	<a href="#"><u>Seabrook 1</u></a>			
<a href="#"><u>Dresden 2</u></a>	<a href="#"><u>Susquehanna 1</u></a>			
<a href="#"><u>Dresden 3</u></a>	<a href="#"><u>Turkey Point 3</u></a>			
<a href="#"><u>Duane Arnold</u></a>	<a href="#"><u>Turkey Point 4</u></a>			
<a href="#"><u>FitzPatrick</u></a>				
<a href="#"><u>Ginna</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>				
<a href="#"><u>Indian Point 2</u></a>				
<a href="#"><u>Indian Point 3</u></a>				
<a href="#"><u>Kewaunee</u></a>				
<a href="#"><u>La Salle 1</u></a>				
<a href="#"><u>La Salle 2</u></a>				
<a href="#"><u>Limerick 1</u></a>				
<a href="#"><u>Limerick 2</u></a>				
<a href="#"><u>McGuire 1</u></a>				
<a href="#"><u>McGuire 2</u></a>				
<a href="#"><u>Millstone 3</u></a>				
<a href="#"><u>Monticello</u></a>				
<a href="#"><u>Nine Mile Point 1</u></a>				

[Nine Mile Point 2](#)

[Oconee 1](#)

[Oconee 2](#)

[Oconee 3](#)

[Oyster Creek](#)

[Peach Bottom 2](#)

[Peach Bottom 3](#)

[Quad Cities 1](#)

[Quad Cities 2](#)

[Robinson 2](#)

[Saint Lucie 2](#)

[Sequoyah 1](#)

[Sequoyah 2](#)

[South Texas 1](#)

[South Texas 2](#)

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