

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: 10-04-2011

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	Licensee Response Column	Baseline 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
	Regulatory Response Column	Baseline inspection

Millstone 2	Millstone 2 is in Column 2 because of a white finding in the Initiating Events Cornerstone originating in 2Q2011.	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	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	Degraded Cornerstone Column Susquehanna 1 is in Column 3 because of one white finding in the Initiating Events Cornerstone originating in 3Q2010 and one white Initiating Events PI (Unplanned Scrams per 7000 Critical Hours) originating in 1Q2011.	Baseline inspection and IP 95002 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

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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	Licensee Response Column	Baseline inspection
Browns Ferry 3	Licensee Response Column	Baseline inspection
Brunswick 1	Licensee Response Column The Inspection Findings Summary and Unit Performance Summary currently indicate a white inspection finding under the Emergency Preparedness cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2011, the finding is closed and Brunswick 1 is in Column 1	Baseline inspection
	Licensee Response Column	

Brunswick 2	The Inspection Findings Summary and Unit Performance Summary currently indicate a white inspection finding under the Emergency Preparedness cornerstone. The supplemental inspection was performed satisfactorily. As of 3Q2011, the finding is closed and Brunswick 2 is in Column 1	Baseline inspection
Catawba 1	Licensee Response Column Catawba 1 returned to Column 1 because PI data has been corrected. The assessment follow-up letter (ML111890451) provides further detail.	Baseline inspection
Catawba 2	Licensee Response Column	Baseline inspection
Crystal River 3	Licensee Response Column	Baseline inspection
Farley 1	Licensee Response Column	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	Licensee Response Column	Baseline inspection
Oconee 1	Licensee Response Column	Baseline inspection
Oconee 2	Licensee Response Column	Baseline inspection
Oconee 3	Licensee Response Column	Baseline inspection
Robinson 2	Regulatory Response Column Robinson 2 is in Column 2 because of one white Mitigating System finding for failure to comply with conduct of operation procedures originating in 4Q2010. The Inspection Findings Summary and Unit Performance Summary currently indicate three white inspection findings under the Mitigating Systems cornerstone. All three findings were addressed satisfactorily during the 95002 inspection conducted 2Q2011 (ML111870510) so a 95001 inspection will not be performed.	Baseline inspection
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
Turkey Point 3	Licensee Response Column	Baseline inspection
Turkey Point 4	Licensee Response Column	Baseline 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.	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	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	Licensee Response Column	Baseline inspection
Point Beach 2	Licensee Response Column	Baseline inspection
Prairie Island 1	Regulatory Response Column Prairie Island Unit 1 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 2Q2011.	Baseline inspection and IP 95001 supplemental 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

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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	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	Regulatory Response Column Cooper is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 1Q2011.	Baseline inspection and IP 95001 supplemental inspection
Diablo Canyon 1	Licensee Response Column	Baseline inspection
Diablo Canyon 2	Licensee Response Column	Baseline inspection
Fort Calhoun	Multiple/Repetitive Degraded Cornerstone Column Fort Calhoun is in Column 4 because of a repetitive degraded cornerstone related to one yellow finding in the Mitigating Systems Cornerstone originating in 2Q2010 and one white finding in the Mitigating Systems Cornerstone originating 2Q2011.	Baseline inspection and IP 95003 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	Licensee Response Column	Baseline inspection

▲ Action Matrix Summary

Licensee Response Regulatory Response Degraded Cornerstone Multiple/Repetitive Unacceptable

Column	Column	Column	Degraded Cornerstone Performance Column
<u>Arkansas Nuclear 1</u>	<u>Byron 2</u>	<u>Perry 1</u>	<u>Browns Ferry 1</u>
<u>Arkansas Nuclear 2</u>	<u>Cooper</u>	<u>Susquehanna 1</u>	<u>Fort Calhoun</u>
<u>Beaver Valley 1</u>	<u>Ginna</u>		
<u>Beaver Valley 2</u>	<u>Millstone 2</u>		
<u>Braidwood 1</u>	<u>Prairie Island 1</u>		
<u>Braidwood 2</u>	<u>Robinson 2</u>		
<u>Browns Ferry 2</u>			
<u>Browns Ferry 3</u>			
<u>Brunswick 1</u>			
<u>Brunswick 2</u>			
<u>Byron 1</u>			
<u>Callaway</u>			
<u>Calvert Cliffs 1</u>			
<u>Calvert Cliffs 2</u>			
<u>Catawba 1</u>			
<u>Catawba 2</u>			
<u>Clinton</u>			
<u>Columbia Generating Station</u>			
<u>Comanche Peak 1</u>			
<u>Comanche Peak 2</u>			
<u>Crystal River 3</u>			
<u>D.C. Cook 1</u>			
<u>D.C. Cook 2</u>			
<u>Davis-Besse</u>			
<u>Diablo Canyon 1</u>			
<u>Diablo Canyon 2</u>			
<u>Dresden 2</u>			
<u>Dresden 3</u>			
<u>Duane Arnold</u>			
<u>Farley 1</u>			
<u>Farley 2</u>			
<u>Fermi 2</u>			
<u>FitzPatrick</u>			
<u>Grand Gulf 1</u>			
<u>Harris 1</u>			
<u>Hatch 1</u>			
<u>Hatch 2</u>			
<u>Hope Creek 1</u>			
<u>Indian Point 2</u>			
<u>Indian Point 3</u>			
<u>Kewaunee</u>			
<u>La Salle 1</u>			
<u>La Salle 2</u>			
<u>Limerick 1</u>			

[Limerick 2](#)

[McGuire 1](#)

[McGuire 2](#)

[Millstone 3](#)

[Monticello](#)

[Nine Mile Point 1](#)

[Nine Mile Point 2](#)

[North Anna 1](#)

[North Anna 2](#)

[Oconee 1](#)

[Oconee 2](#)

[Oconee 3](#)

[Oyster Creek](#)

[Palisades](#)

[Palo Verde 1](#)

[Palo Verde 2](#)

[Palo Verde 3](#)

[Peach Bottom 2](#)

[Peach Bottom 3](#)

[Pilgrim 1](#)

[Point Beach 1](#)

[Point Beach 2](#)

[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](#)

[Surry 2](#)

[Susquehanna 2](#)

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