

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: 10-07-2010

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 2Q2010. 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	Licensee Response Column	Baseline 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**

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Browns Ferry 1	Degraded Cornerstone Column Browns Ferry 1 is in Column 3 because of one yellow finding and one white finding in the Mitigating Systems Cornerstone originating in 4Q2009.	Baseline inspection and IP 95002 supplemental inspection and ROP Action Matrix deviation in effect
Browns Ferry 2	Degraded Cornerstone Column Browns Ferry 2 is in Column 3 because of one yellow finding and one white finding in the Mitigating Systems Cornerstone originating in 4Q2009.	Baseline inspection and IP 95002 supplemental inspection and ROP Action Matrix deviation in effect
Browns Ferry 3	Degraded Cornerstone Column Browns Ferry 3 is in Column 3 because of one yellow finding and one white finding in the Mitigating Systems Cornerstone	Baseline inspection and IP 95002 supplemental inspection

	originating in 4Q2009.	and ROP Action Matrix deviation in effect
Brunswick 1	Licensee Response Column	Baseline inspection
Brunswick 2	Licensee Response Column	Baseline 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) from 1Q2008 through 2Q2010. 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	Degraded Cornerstone Column Hatch 2 is in Column 3 because of two white findings in the Mitigating Systems Cornerstone in 4Q2009. One white finding originated in 1Q2009 and was an Action Matrix input through 4Q2009. The other white finding originated in 4Q2009.	Baseline inspection and IP 95002 supplemental 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 Srams per 7000 Critical Hours) in 2Q2010.	Baseline inspection and IP 95001 supplemental inspection
Oconee 1	Degraded Cornerstone Column Oconee 1 is in Column 3 because of one yellow Mitigating Systems Cornerstone finding originating in 1Q2010.	Baseline inspection and IP 95002 supplemental inspection
Oconee 2	Degraded Cornerstone Column Oconee 2 is in Column 3 because of one yellow Mitigating Systems Cornerstone finding and one white Mitigating Systems Cornerstone finding originating in	Baseline inspection and IP 95002 supplemental inspection

	1Q2010.	
Oconee 3	Degraded Cornerstone Column Oconee 3 is in Column 3 because of one yellow Mitigating Systems Cornerstone finding and one white Mitigating Systems Cornerstone finding originating in 1Q2010.	Baseline inspection and IP 95002 supplemental inspection
Robinson 2	Licensee Response Column	Baseline inspection
Saint Lucie 1	Degraded Cornerstone Column St. Lucie 1 is in Column 3 because of one yellow finding in the Mitigating Systems Cornerstone originating in 4Q2009.	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 3 is in Column 2 because of one white finding in the Initiating Events Cornerstone originating in 4Q2009.	Baseline inspection and IP 95001 supplemental 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	Regulatory Response Column Braidwood 1 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 4Q2009.	Baseline inspection and IP 95001 supplemental inspection
Braidwood 2	Licensee Response Column	Baseline 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	Regulatory Response Column Davis-Besse is in Column 2 because of a white finding in the Emergency	Baseline inspection and

	Preparedness Cornerstone originating in 4Q2009.	IP 95001 supplemental 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	Regulatory Response Column Palisades is in Column 2 because of one white finding in the Initiating Events Cornerstone originating in 4Q2009.	Baseline inspection and IP 95001 supplemental 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	Regulatory Response Column Prairie Island 2 is in Column 2 because of one white finding in the Mitigating Systems Cornerstone originating in 3Q2009.	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	Regulatory Response Column Callaway is in Column 2 because of one white Mitigating Systems Cornerstone PI (Mitigating Systems Performance Index, Emergency AC Power) from 1Q2010 through 2Q2010.	Baseline inspection and IP 95001 supplemental 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	Regulatory Response Column San Onofre 2 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 4Q2008. This finding is being held open in the Action Matrix because of the results from the first supplemental inspection.	Baseline inspection and IP 95001 inspection and ROP Action Matrix deviation in effect
San Onofre 3	Licensee Response Column	Baseline inspection and ROP Action Matrix deviation in effect
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 with Complications from 3Q2009 through 1Q2010). Wolf Creek also has a white Mitigating Systems Cornerstone PI (Safety System Functional Failures) from 1Q2010 through 2Q2010.	Baseline inspection and IP 95002 supplemental inspection

▲ Action Matrix Summary

Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
Arkansas Nuclear 1	Braidwood 1	Browns Ferry 1		
Arkansas Nuclear 2	Callaway	Browns Ferry 2		
Beaver Valley 1	Calvert Cliffs 2	Browns Ferry 3		
Beaver Valley 2	Davis-Besse	Fort Calhoun		
Braidwood 2	Farley 1	Hatch 2		

[Brunswick 1](#) [GINNA](#) [Oconee 1](#)
[Brunswick 2](#) [North Anna 2](#) [Oconee 2](#)
[Byron 1](#) [Palisades](#) [Oconee 3](#)
[Byron 2](#) [Prairie Island 2](#) [Saint Lucie 1](#)
[Calvert Cliffs 1](#) [San Onofre 2](#) [Wolf Creek 1](#)
[Catawba 1](#) [Turkey Point 3](#)
[Catawba 2](#)
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[Comanche Peak 1](#)
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[Cooper](#)
[Crystal River 3](#)
[D.C. Cook 1](#)
[D.C. Cook 2](#)
[Diablo Canyon 1](#)
[Diablo Canyon 2](#)
[Dresden 2](#)
[Dresden 3](#)
[Duane Arnold](#)
[Farley 2](#)
[Fermi 2](#)
[FitzPatrick](#)
[Grand Gulf 1](#)
[Harris 1](#)
[Hatch 1](#)
[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](#)
[Oyster Creek](#)
[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](#)

[Quad Cities 1](#)

[Quad Cities 2](#)

[River Bend 1](#)

[Robinson 2](#)

[Saint Lucie 2](#)

[Salem 1](#)

[Salem 2](#)

[San Onofre 3](#)

[Seabrook 1](#)

[Sequoyah 1](#)

[Sequoyah 2](#)

[South Texas 1](#)

[South Texas 2](#)

[Summer](#)

[Surry 1](#)

[Surry 2](#)

[Susquehanna 1](#)

[Susquehanna 2](#)

[Three Mile Island 1](#)

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