

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 with each site. 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.

Current Regulatory Oversight Table

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▲ Region I

Reactor Unit	Current Regulatory Oversight	Action Matrix Column
Beaver Valley 1	Baseline Inspection	Licensee Response Column
Beaver Valley 2	Baseline Inspection	Licensee Response Column
Calvert Cliffs 1	Baseline Inspection	Licensee Response Column
Calvert Cliffs 2	Baseline Inspection	Licensee Response Column
FitzPatrick	Baseline Inspection	Licensee Response Column
Ginna	Baseline Inspection and An IP 95002 supplemental inspection will be performed.	Degraded Cornerstone Column Ginna is in the Degraded Cornerstone Column due to two White findings in the Mitigating Systems Cornerstone (one originating in 1Q2009, and one originating in 4Q2009), and one White Performance Indicator (PI) in the Mitigating Systems Cornerstone originating in 3Q2009. The 1Q2009 White finding was related to inadequate implementation of the preventative maintenance program for the turbine-driven auxiliary feedwater (TDAFW) pump governor that led to a failure of the pump to operate properly during a surveillance test. The 4Q2009 White finding was related to inadequate corrective actions to prevent recurrence of corrosion which led to binding of the governor control valve and failure of the TDAFW pump. The White PI was related to exceeding the limit for Heat Removal

		Systems reliability.
Hope Creek 1	Baseline Inspection	Licensee Response Column
Indian Point 2	Baseline Inspection	Licensee Response Column
Indian Point 3	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Indian Point Unit 3 is in the Regulatory Response Column due to one White Performance Indicator (PI) in the Initiating Events Cornerstone originating in 3Q2009. The White PI was related to exceeding the limit for Unplanned Scrams per 7000 Critical Hours.
Limerick 1	Baseline Inspection	Licensee Response Column
Limerick 2	Baseline Inspection	Licensee Response Column
Millstone 2	Baseline Inspection	Licensee Response Column
Millstone 3	Baseline Inspection	Licensee Response Column
Nine Mile Point 1	Baseline Inspection	Licensee Response Column
Nine Mile Point 2	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Nine Mile Point Unit 2 remained in the Regulatory Response Column due to one parallel White finding originating in 4Q2009. The White finding was associated with a previous White performance indicator (PI) in the Mitigating System cornerstone originating in 4Q2008 for Cooling Water System unavailability and reliability. The supplemental inspection for the White PI, completed on October 16, 2009, resulted in the parallel White finding based on NRC identified weaknesses in the licensee's root cause evaluation.
Oyster Creek	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Oyster Creek is in the Regulatory Response Column due to one White Performance Indicator (PI) in the Initiating Events cornerstone originating in 3Q2009. The White PI was related to exceeding the limit for Unplanned Scrams per 7000 Critical Hours. The PI has reverted to Green, so Oyster Creek will remain in the Regulatory Response Column until the supplemental inspection is completely successful.
Peach Bottom 2	Baseline Inspection	Licensee Response Column
Peach Bottom 3	Baseline Inspection	Licensee Response Column
Pilgrim 1	Baseline Inspection	Licensee Response Column
Salem 1	Baseline Inspection	Licensee Response Column
Salem 2	Baseline Inspection	Licensee Response Column
		Regulatory Response Column

Seabrook 1	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Seabrook is in the Regulatory Response Column due to one White finding in the Mitigating Systems Cornerstone. The final significance determination and follow-up assessment letter was issued on November 12, 2009, based upon an inspection completed in 3Q2009, and involved the failure to adequately control design changes implemented on the B Emergency Diesel Generator jacket water cooling system.
Susquehanna 1	Baseline Inspection	Licensee Response Column
Susquehanna 2	Baseline Inspection	Licensee Response Column
Three Mile Island 1	Baseline Inspection	Licensee Response Column
Vermont Yankee	Baseline Inspection	Licensee Response Column

▲ Region II

Reactor Unit	Current Regulatory Oversight	Action Matrix Column
Browns Ferry 1	Baseline Inspection and An IP 95002 supplemental inspection will be performed.	Degraded Cornerstone Column Browns Ferry 1 is in the Degraded Cornerstone Column due to one Yellow and one White finding in the Mitigating Systems Cornerstone originating in 4Q2009. The final significance determination letter was signed on April 19, 2010.
Browns Ferry 2	Baseline Inspection and An IP 95002 supplemental inspection will be performed.	Degraded Cornerstone Column Browns Ferry 2 is in the Degraded Cornerstone Column due to one Yellow and one White finding in the Mitigating Systems Cornerstone originating in 4Q2009. The final significance determination letter was signed on April 19, 2010.
Browns Ferry 3	Baseline Inspection and An IP 95002 supplemental inspection will be performed.	Degraded Cornerstone Column Browns Ferry 3 is in the Degraded Cornerstone Column due to one Yellow and one White finding in the Mitigating Systems Cornerstone originating in 4Q2009. The final significance determination letter was signed on April 19, 2010.
Brunswick 1	Baseline Inspection and An IP 95001 supplemental inspection will	Regulatory Response Column Brunswick Unit 1 is in the Regulatory Response Column due to one White finding in the Mitigating Systems

	be performed.	Cornerstone originating in 2Q2009.
Brunswick 2	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Brunswick Unit 2 is in the Regulatory Response Column due to one White finding in the Mitigating Systems Cornerstone originating in 2Q2009.
Catawba 1	Baseline Inspection	Licensee Response Column
Catawba 2	Baseline Inspection	Licensee Response Column
Crystal River 3	Baseline Inspection	Licensee Response Column
Farley 1	Baseline Inspection and IP 95001 supplemental inspections will be performed.	Regulatory Response Column Farley Unit 1 is in the Regulatory Response Column due to one White finding in the Emergency Preparedness Cornerstone originating in 2Q2009. In addition, Farley Unit 1 has one White PI for the Emergency AC Power System in the Mitigating Systems Cornerstone.
Farley 2	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Farley Unit 2 is in the Regulatory Response Column due to one White finding in the Emergency Preparedness Cornerstone originating in 2Q2009.
Harris 1	Baseline Inspection	Licensee Response Column
Hatch 1	Baseline Inspection	Licensee Response Column
Hatch 2	Baseline Inspection	Licensee Response Column
McGuire 1	Baseline Inspection	Licensee Response Column
McGuire 2	Baseline Inspection	Licensee Response Column
North Anna 1	Baseline Inspection	Licensee Response Column
North Anna 2	Baseline Inspection	Licensee Response Column
Oconee 1	Baseline Inspection	Licensee Response Column
Oconee 2	Baseline Inspection	Licensee Response Column
Oconee 3	Baseline Inspection	Licensee Response Column
Robinson 2	Baseline Inspection	Licensee Response Column
Saint Lucie 1	Baseline Inspection	Licensee Response Column
Saint Lucie 2	Baseline Inspection	Licensee Response Column
Sequoyah 1	Baseline Inspection	Licensee Response Column
Sequoyah 2	Baseline Inspection	Licensee Response Column
Summer	Baseline Inspection	Licensee Response Column
Surry 1	Baseline Inspection	Licensee Response Column
Surry 2	Baseline Inspection	Licensee Response Column
Turkey Point 3	Baseline Inspection	Licensee Response Column
Turkey Point 4	Baseline Inspection	Licensee Response Column
Vogtle 1	Baseline Inspection	Licensee Response Column
Vogtle 2	Baseline Inspection	Licensee Response Column

▲ **Region III**

Reactor Unit	Current Regulatory Oversight	Action Matrix Column
Braidwood 1	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Braidwood 1 is in the Regulatory Response Column due to one White finding in the Mitigating Systems Cornerstone originating in 4Q2009. The final significance determination letter was signed on February 25, 2010.
Braidwood 2	Baseline Inspection	Licensee Response Column
Byron 1	Baseline Inspection	Licensee Response Column
Byron 2	Baseline Inspection	Licensee Response Column
Clinton	Baseline Inspection	Licensee Response Column
D.C. Cook 1	Baseline Inspection	Licensee Response Column
D.C. Cook 2	Baseline Inspection	Licensee Response Column
Davis-Besse	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Davis-Besse is in the Regulatory Response Column due to one White finding in the Emergency Preparedness Cornerstone originating in 4Q2009. The final significance determination letter was signed on February 25, 2010.
Dresden 2	Baseline Inspection	Licensee Response Column
Dresden 3	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Dresden Unit 3 is in the Regulatory Response Column due to one White finding in the Mitigating Systems Cornerstone originating in 3Q2009. The finding was documented in an inspection report issued on August 19, 2009 and the final significance determination letter was signed October 26, 2009.
Duane Arnold	Baseline Inspection The IP 95001 supplemental inspection was completed on December 15, 2009, and the inspection report was issued on January 28, 2010 (ML100280210). Barring any additional greater than green inputs, Duane Arnold will transition to the Licensee Response Column at the end of 1Q2010.	Regulatory Response Column Duane Arnold is in the Regulatory Response Column due to one White finding in the Mitigating Systems Cornerstone originating in 2Q2009. The final significance determination letter was issued June 9, 2009.
Fermi 2	Baseline Inspection	Licensee Response Column
Kewaunee	Baseline Inspection	Licensee Response Column
La Salle 1	Baseline Inspection	Licensee Response Column

La Salle 2	Baseline Inspection	Licensee Response Column
Monticello	Baseline Inspection	Licensee Response Column
Palisades	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Palisades is in the Regulatory Response Column due to one White finding involving spent fuel pool plate degradation, originating in 4Q2009. The finding was originally documented as an Apparent Violation in an inspection report issued on December 9, 2009, and the final significance determination letter was issued on January 20, 2010.
Perry 1	Baseline Inspection	Licensee Response Column
Point Beach 1	Baseline Inspection	Licensee Response Column
Point Beach 2	Baseline Inspection	Licensee Response Column
Prairie Island 1	Baseline Inspection	Licensee Response Column
Prairie Island 2	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Prairie Island Unit 2 is in the Regulatory Response Column due to one White finding in the Mitigating Systems Cornerstone originating in 3Q2009. The Mitigating Systems finding was originally documented as an Apparent Violation in an inspection report issued on August 5, 2009, and the final significance determination letter was issued on September 3, 2009.
Quad Cities 1	Baseline Inspection	Licensee Response Column
Quad Cities 2	Baseline Inspection	Licensee Response Column

▲ **Region IV**

Reactor Unit	Current Regulatory Oversight	Action Matrix Column
Arkansas Nuclear 1	Baseline Inspection	Licensee Response Column
Arkansas Nuclear 2	Baseline Inspection	Licensee Response Column
Callaway	Baseline Inspection	Licensee Response Column
Columbia Generating Station	Baseline Inspection and An IP 95001 supplemental inspection will be performed.	Regulatory Response Column Columbia Generating Station is in the Regulatory Response Column due to a White Unplanned Scrams per 7000 Critical Hours Performance Indicator.
Comanche Peak 1	Baseline Inspection	Licensee Response Column
Comanche Peak 2	Baseline Inspection	Licensee Response Column
Cooper	Baseline Inspection	Licensee Response Column
Diablo Canyon 1	Baseline Inspection	Licensee Response Column
Diablo Canyon 2	Baseline Inspection	Licensee Response Column

Fort Calhoun	Baseline Inspection	Licensee Response Column
Grand Gulf 1	Baseline Inspection	Licensee Response Column
Palo Verde 1	Baseline Inspection	Licensee Response Column
Palo Verde 2	Baseline Inspection	Licensee Response Column
Palo Verde 3	Baseline Inspection	Licensee Response Column
River Bend 1	Baseline Inspection	Licensee Response Column
San Onofre 2	Baseline Inspection Region IV has completed the IP 95001 supplemental inspection. Management is evaluating the results.	Regulatory Response Column San Onofre Nuclear Generating Station, Unit 2 is in the Regulatory Response Column based on a White finding associated with the Mitigating Systems Cornerstone. The finding was issued on December 19, 2008, and involved the failure to establish appropriate instructions for replacement of a safety-related battery output breaker.
San Onofre 3	Baseline Inspection	Licensee Response Column
South Texas 1	Baseline Inspection	Licensee Response Column
South Texas 2	Baseline Inspection	Licensee Response Column
Waterford 3	Baseline Inspection	Regulatory Response Column Waterford 3 is in the Regulatory Response Column based on a White finding associated with the Mitigating Systems Cornerstone originating in 3Q2009. The final significance determination letter was issued on January 14, 2010 (ML100150660).
Wolf Creek 1	Baseline Inspection	Licensee Response Column

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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	Brunswick 1	Browns Ferry 2		
Beaver Valley 1	Brunswick 2	Browns Ferry 3		
Beaver Valley 2	Columbia Generating Station	Ginna		
Braidwood 2	Davis-Besse			
Byron 1	Dresden 3			
Byron 2	Duane Arnold			
Callaway	Farley 1			
Calvert Cliffs 1	Farley 2			
Calvert Cliffs 2	Indian Point 3			
Catawba 1	Nine Mile Point 2			
Catawba 2	Oyster Creek			

[Clinton](#)
[Comanche Peak 1](#)
[Comanche Peak 2](#)
[Cooper](#)
[Crystal River 3](#)
[D.C. Cook 1](#)
[D.C. Cook 2](#)
[Diablo Canyon 1](#)
[Diablo Canyon 2](#)
[Dresden 2](#)
[Fermi 2](#)
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[Three Mile Island 1](#)

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