

3Q/2005 ROP Action Matrix Summary

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. [Physical Protection](#) information is not publicly available and the associated performance indicators and inspection findings are not integrated into the Action Matrix Summary.

Notes have been added to plants that are not in the licensee response column of the Action Matrix.

Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
Arkansas Nuclear 1	Columbia Generating Station¹	Palo Verde 1²	Perry 1³	
Arkansas Nuclear 2	Crystal River 3⁴	Palo Verde 2⁵	Point Beach 1⁶	
Beaver Valley 1	Davis-Besse⁷	Palo Verde 3⁸	Point Beach 2⁹	
Beaver Valley 2	Diablo Canyon 1¹⁰			
Braidwood 1	Diablo Canyon 2¹¹			
Braidwood 2	Fort Calhoun¹²			
Browns Ferry 2	Hatch 1¹³			
Browns Ferry 3	Hatch 2¹⁴			
Brunswick 1	Hope Creek 1¹⁵			
Brunswick 2	Indian Point 2¹⁶			
Byron 1	Kewaunee¹⁷			
Byron 2	Oyster Creek¹⁸			
Callaway	Peach Bottom 2¹⁹			
Calvert Cliffs 1	Three Mile Island 1²⁰			
Calvert Cliffs 2	Turkey Point 4²¹			
Catawba 1	Vermont Yankee²²			
Catawba 2	Watts Bar 1²³			
Clinton				
Comanche Peak 1				
Comanche Peak 2				
Cooper				
D.C. Cook 1				
D.C. Cook 2				
Dresden 2				
Dresden 3				
Duane Arnold				
Farley 1				
Farley 2				
Fermi 2				
FitzPatrick				
Ginna				
Grand Gulf 1				
Harris 1				
Indian Point 3				
La Salle 1²⁴				
La Salle 2²⁵				
Limerick 1				
Limerick 2				

[McGuire 1](#)
[McGuire 2](#)
[Millstone 2](#)
[Millstone 3](#)
[Monticello](#)
[Nine Mile Point 1](#)
[Nine Mile Point 2](#)
[North Anna 1](#)
[North Anna 2](#)
[Oconee 1](#)
[Oconee 2](#)
[Oconee 3](#)
[Palisades](#)
[Peach Bottom 3](#)
[Pilgrim 1](#)
[Prairie Island 1](#)
[Prairie Island 2](#)
[Quad Cities 1](#)
[Quad Cities 2](#)
[River Bend 1](#)
[Robinson 2](#)
[Saint Lucie 1](#)
[Saint Lucie 2](#)
[Salem 1²⁶](#)
[Salem 2²⁷](#)
[San Onofre 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](#)
[Turkey Point 3](#)
[Vogtle 1](#)
[Vogtle 2](#)
[Waterford 3](#)
[Wolf Creek 1](#)

- ▲ Note 1: Columbia Generating Station is in the regulatory response column due to one white performance indicator (Safety System Unavailability, High Pressure Injection System (HPIS)) in the mitigating systems cornerstone originating in 1Q/2005 .
- ▲ Note 2: Palo Verde Nuclear Generating Station Unit 1 is in the degraded cornerstone column due to one yellow finding in the mitigating systems cornerstone originating in 4Q/2004.
- ▲ Note 3: Perry is in the multiple/repetitive degraded cornerstone column due to a white inspection finding in the emergency preparedness cornerstone originating in 4Q/2004 and the mitigating systems cornerstone being degraded with multiple white findings for greater than 4 consecutive quarters. In particular, the ESW pump failure finding from 3Q/2003 was held open in accordance with IMC 0305 for greater than 4 quarters because corrective actions were ineffective and the pump failed again in May 2004. This finding, in conjunction with the 4Q/2003 finding involving inadequate venting of the RHR/LPCI keep fill system, which is also being held open in accordance with IMC 0305 for greater than 4 quarters pending the implementation of effective corrective actions to address performance deficiencies, resulted in greater than 4 consecutive quarters in the degraded cornerstone column and placed the plant in the multiple/repetitive degraded cornerstone column.

- ▲ Note 4: Crystal River Unit 3 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 3Q/2005.
- ▲ Note 5: Palo Verde Nuclear Generating Station Unit 2 is in the degraded cornerstone column due to one yellow finding in the mitigating systems cornerstone originating in 4Q/2004.
- ▲ Note 6: Point Beach Unit 1 is in the multiple/repetitive degraded cornerstone column due to a red finding and a yellow finding in the mitigating systems cornerstone originating in 1Q/2002 and 1Q/2003, respectively. Both findings are being held open in accordance with IMC 0305 for greater than 4 quarters pending the implementation of effective corrective actions to address performance deficiencies.
- ▲ Note 7: Davis-Besse is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 4Q/2004.
- ▲ Note 8: Palo Verde Nuclear Generating Station Unit 3 is in the degraded cornerstone column due to one yellow finding in the mitigating systems cornerstone originating in 4Q/2004.
- ▲ Note 9: Point Beach Unit 2 is in the multiple/repetitive degraded cornerstone column due to two red findings in the mitigating systems cornerstone originating in 1Q/2002 and 1Q/2003, respectively. Both findings are being held open in accordance with IMC 0305 for greater than 4 quarters pending the implementation of effective corrective actions to address performance deficiencies.
- ▲ Note 10: Diablo Canyon Unit 1 is in the regulatory response column due to one white performance indicator (Drill/Excercise Performance) in the emergency preparedness cornerstone. The NRC found errors in the licensee's determination of the number of unsuccessful drills that resulted in the performance indicator crossing the green/white threshold in 2Q/2005. The licensee has issued a change that will reflect the performance indicator as white for the 2Q/2005 period. This indicator remained white for 3Q/2005.
- ▲ Note 11: Diablo Canyon Unit 2 is in the regulatory response column due to one white performance indicator (Drill/Excercise Performance) in the emergency preparedness cornerstone. The NRC found errors in the licensee's determination of the number of unsuccessful drills that resulted in the performance indicator crossing the green/white threshold in 2Q/2005. The licensee has issued a change that will reflect the performance indicator as white for the 2Q/2005 period. This indicator remained white for 3Q/2005.
- ▲ Note 12: Fort Calhoun Station is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 1Q/2005.
- ▲ Note 13: Hatch Unit 1 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2005.
- ▲ Note 14: Hatch Unit 2 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2005.
- ▲ Note 15: Hope Creek is in the regulatory response column due to one white inspection finding in the initiating events cornerstone originating in 4Q/2004. On July 29, 2005, the NRC approved a renewal of a deviation from the ROP Action Matrix to provide a greater level of oversight for the Salem and Hope Creek Generating Stations. The deviation includes oversight activities to monitor licensee improvement efforts in SCWE and related performance attributes.
- ▲ Note 16: Indian Point 2 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 2Q/2005.
- ▲ Note 17: Kewaunee is in the regulatory response column due to one white inspection finding in the barrier integrity cornerstone originating in 4Q/2004 and one white inspection finding in the mitigating systems cornerstone originating in 3Q/2005.
- ▲ Note 18: Oyster Creek is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 4Q/2004.
- ▲ Note 19: Peach Bottom Unit 2 is in the regulatory response column due to one white performance indicator (Scrams With Loss of Normal Heat Removal) in the initiating events cornerstone originating in 3Q/2004.
- ▲ Note 20: Three Mile Island is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2005.
- ▲ Note 21: Turkey Point Unit 4 is in the regulatory response column due to one white performance indicator (Unplanned Scrams per 7000 Critical Hours) in the initiating events cornerstone originating in 3Q/2005.
- ▲ Note 22: Vermont Yankee is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 4Q/2004.
- ▲ Note 23: Watts Bar Unit 1 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 4Q/2004.
- ▲ Note 24: One white inspection finding in the initiating events cornerstone originating in 2Q/2005 was determined to be an old design issue in accordance with IMC 0305, and is not considered as an input to the assessment program.
- ▲ Note 25: One white inspection finding in the initiating events cornerstone originating in 2Q/2005 was determined to be an old design issue in accordance with IMC 0305, and is not considered as an input to the assessment program.
- ▲ Note 26: On July 29, 2005, the NRC approved a renewal of a deviation from the ROP Action Matrix to provide a greater level of oversight for the Salem and Hope Creek Generating Stations. The deviation includes oversight activities to monitor licensee improvement efforts in SCWE and related performance attributes.
- ▲ Note 27: On July 29, 2005, the NRC approved a renewal of a deviation from the ROP Action Matrix to provide a greater level of oversight for the Salem and Hope Creek Generating Stations. The deviation includes oversight activities to monitor

licensee improvement efforts in SCWE and related performance attributes.

Last modification: Nov 04, 2005