

1Q/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. Note that [Davis-Besse](#) is under the IMC 0350 process and is therefore not reflected in the Action Matrix. This page will be updated as necessary to reflect changes in licensee performance.

Licensee Response Column	Regulatory Response Column	Degraded Cornerstone Column	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance Column
Arkansas Nuclear 1	Calvert Cliffs 2¹	Palo Verde 1²	Perry 1³	
Arkansas Nuclear 2	Columbia Generating Station⁴	Palo Verde 2⁵	Point Beach 1⁶	
Beaver Valley 1	D.C. Cook 2⁷	Palo Verde 3⁸	Point Beach 2⁹	
Beaver Valley 2	Fermi 2¹⁰			
Braidwood 1	Fort Calhoun¹¹			
Braidwood 2	Hope Creek 1¹²			
Browns Ferry 2	Kewaunee¹³			
Browns Ferry 3	Oconee 1¹⁴			
Brunswick 1	Oconee 2¹⁵			
Brunswick 2	Oconee 3¹⁶			
Byron 1	Oyster Creek¹⁷			
Byron 2	River Bend 1¹⁸			
Callaway	San Onofre 2¹⁹			
Calvert Cliffs 1	Sequoyah 1²⁰			
Catawba 1	Vermont Yankee²¹			
Catawba 2	Watts Bar 1²²			
Clinton				
Comanche Peak 1				
Comanche Peak 2				
Cooper				
Crystal River 3				
D.C. Cook 1				
Diablo Canyon 1				
Diablo Canyon 2				
Dresden 2				
Dresden 3				
Duane Arnold				
Farley 1				
Farley 2				
FitzPatrick				
Ginna				
Grand Gulf 1				
Harris 1				
Hatch 1				
Hatch 2				
Indian Point 2				

[Indian Point 3](#)
[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](#)
[North Anna 2](#)
[Palisades](#)
[Peach Bottom 2](#)
[Peach Bottom 3](#)
[Pilgrim 1](#)
[Prairie Island 1](#)
[Prairie Island 2](#)
[Quad Cities 1](#)
[Quad Cities 2](#)
[Robinson 2](#)
[Saint Lucie 1](#)
[Saint Lucie 2](#)
[Salem 1](#)
[Salem 2](#)
[San Onofre 3](#)
[Seabrook 1](#)
[Sequoyah 2](#)
[South Texas 1](#)
[South Texas 2](#)
[Summer](#)
[Surry 1](#)
[Surry 2](#)
[Susquehanna 1](#)
[Susquehanna 2](#)
[Three Mile Island 1](#)
[Turkey Point 3](#)
[Turkey Point 4](#)
[Vogtle 1](#)
[Vogtle 2](#)
[Waterford 3](#)
[Wolf Creek 1](#)

- ▲ Note 1: Calvert Cliffs Unit 2 is in the Regulatory Response Column due to one white inspection finding in the Mitigating Systems Cornerstone originating in 2Q2004.
- ▲ Note 2: Palo Verde Unit 1 is in the Degraded Cornerstone Column due to one yellow finding in the Mitigating Systems Cornerstone originating in 4Q2004.
- ▲ Note 3: Perry is in the Multiple/Repetitive Degraded Cornerstone Column due to the Mitigating Systems Cornerstone being degraded with multiple white findings for greater than 4 consecutive quarters. In particular, the ESW pump failure finding from 3Q2003 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 4Q2003 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. In addition, Perry has a White finding in the Emergency Preparedness Cornerstone originating in 4Q2004.

- ▲ Note 4: Columbia Generating Station is in the Regulatory Response Column due to one white performance indicator in the Mitigating Systems Cornerstone originating in 1Q2005.
- ▲ Note 5: Palo Verde Unit 2 is in the Degraded Cornerstone Column due to one yellow finding in the Mitigating Systems Cornerstone originating in 4Q2004.
- ▲ 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 1Q2002 and 1Q2003 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: D.C. Cook Unit 2 is in the Regulatory Response Column due to one white performance indicator in the Initiating Events Cornerstone originating in 3Q2002.
- ▲ Note 8: Palo Verde Unit 3 is in the Degraded Cornerstone Column due to one yellow finding in the Mitigating Systems Cornerstone originating in 4Q2004.
- ▲ 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 1Q2002 and 1Q2003 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: Fermi is in the Regulatory Response Column due to one white performance indicator in the Mitigating Systems Cornerstone originating in 3Q2003.
- ▲ Note 11: Fort Calhoun is in the Regulatory Response Column due to one white performance indicator in the Mitigating Systems Cornerstone originating in 3Q2004. Additionally, one white finding in the Mitigating Systems Cornerstone, originating in 1Q2005, was identified involving the same underlying performance deficiency, but is not being double-counted per IMC 0305.
- ▲ Note 12: Hope Creek is in the Regulatory Response Column due to one white inspection finding in the Initiating Events Cornerstone originating in 4Q2004.
- ▲ Note 13: Kewaunee is in the regulatory response column due to one white finding in the barrier integrity cornerstone originating in 4Q/2004.
- ▲ Note 14: Oconee 1 is in the Regulatory Response Column due to one white inspection finding in the Mitigating Systems Cornerstone originating in 3Q2004.
- ▲ Note 15: Oconee 2 is in the Regulatory Response Column due to one white inspection finding in the Mitigating Systems Cornerstone originating in 3Q2004.
- ▲ Note 16: Oconee 3 is in the Regulatory Response Column due to one white inspection finding in the Mitigating Systems Cornerstone originating in 3Q2004.
- ▲ Note 17: Oyster Creek is in the Regulatory Response Column due to one white inspection finding in the Emergency Preparedness Cornerstone originating in 4Q2004.
- ▲ Note 18: River Bend is in the Regulatory Response Column due to one white performance indicator in the Initiating Events Cornerstone originating in 1Q2005.
- ▲ Note 19: San Onofre Unit 2 is in the Regulatory Response Column due to one white performance indicator in the Initiating Events Cornerstone originating in 2Q2004.
- ▲ Note 20: Sequoyah 1 is in the Regulatory Response Column due to one white inspection finding in the Mitigating Systems Cornerstone originating in 3Q2004.
- ▲ Note 21: Vermont Yankee is in the Regulatory Response Column due to one white inspection finding in the Emergency Preparedness Cornerstone originating in the 4Q2004.
- ▲ Note 22: Watts Bar 1 is in the Regulatory Response Column due to one white inspection finding in the Mitigating Systems Cornerstone originating in 4Q2004.