

4Q/2004 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. Notes have been added to some plants to explain the reasons that these plants have changed Action Matrix columns from the previous quarter. 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 2	Arkansas Nuclear 1¹		Perry 1²	
Beaver Valley 1	Brunswick 2³		Point Beach 1⁴	
Beaver Valley 2	Calvert Cliffs 2⁵		Point Beach 2⁶	
Braidwood 1	Cooper⁷			
Braidwood 2	D.C. Cook 1⁸			
Browns Ferry 2	D.C. Cook 2⁹			
Browns Ferry 3	Fermi 2¹⁰			
Brunswick 1	Fort Calhoun¹¹			
Byron 1	Hope Creek 1¹²			
Byron 2	Oconee 1¹³			
Callaway	Oconee 2¹⁴			
Calvert Cliffs 1	Oconee 3¹⁵			
Catawba 1	Oyster Creek¹⁶			
Catawba 2	Robinson 2¹⁷			
Clinton	Salem 1¹⁸			
Columbia Generating Station	San Onofre 2¹⁹			
Comanche Peak 1	Sequoyah 1²⁰			
Comanche Peak 2	Surry 1²¹			
Crystal River 3	Surry 2²²			
Diablo Canyon 1	Vermont Yankee²³			
Diablo Canyon 2	Waterford 3²⁴			
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				
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](#)
[North Anna 2](#)
[Palisades](#)
[Palo Verde 1](#)
[Palo Verde 2](#)
[Palo Verde 3](#)
[Peach Bottom 2](#)
[Peach Bottom 3](#)
[Pilgrim 1](#)
[Prairie Island 1](#)
[Prairie Island 2](#)
[Quad Cities 1](#)
[Quad Cities 2](#)
[River Bend 1](#)
[Saint Lucie 1](#)
[Saint Lucie 2](#)
[Salem 2](#)
[San Onofre 3](#)
[Seabrook 1](#)
[Sequoyah 2](#)
[South Texas 1](#)
[South Texas 2](#)
[Summer](#)
[Susquehanna 1](#)
[Susquehanna 2](#)
[Three Mile Island 1](#)
[Turkey Point 3](#)
[Turkey Point 4](#)
[Vogtle 1](#)
[Vogtle 2](#)
[Watts Bar 1](#)
[Wolf Creek 1](#)

- ▲ Note 1: ANO 1 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 2Q/2004.
- ▲ Note 2: Perry unit 1 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 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 3: Brunswick unit 2 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 1Q/2004.
- ▲ Note 4: Point Beach unit 1 is in multiple/repetitive degraded cornerstone column due to one red finding and one yellow finding in the mitigating systems cornerstone originating in 1Q/2002 and 1Q/2003, respectively. Both findings are being held open for greater than four quarters in accordance with IMC 0305 pending the implementation of effective corrective actions to

address performance deficiencies.

- ▲ Note 5: Calvert Cliffs unit 2 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 2Q/2004.
- ▲ Note 6: Point Beach unit 2 is in the multiple/repetitive degraded cornerstone column due to two red findings in the mitigating systems originating in 1Q/2002 and 1Q/2003, respectively. Both findings are being held open for greater than four quarters in accordance with IMC 0305 pending implementation of effective corrective actions to address performance deficiencies.
- ▲ Note 7: Cooper Nuclear Station is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 1Q/2004.
- ▲ Note 8: DC Cook unit 1 is in the regulatory response column due to one white finding in the public radiation safety cornerstone originating in 1Q/2004.
- ▲ Note 9: DC Cook unit 2 is in the regulatory response column due to one white performance indicator in the initiating events cornerstone originating in 3Q/2002 and one white finding in the public radiation safety cornerstone originating in 1Q/2004.
- ▲ Note 10: Fermi unit 2 is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 3Q/2003.
- ▲ Note 11: Fort Calhoun is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 3Q/2004.
- ▲ Note 12: Hope Creek is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 1Q/2004.
- ▲ Note 13: Oconee unit 1 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 3Q/2004.
- ▲ Note 14: Oconee unit 2 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 3Q/2004.
- ▲ Note 15: Oconee unit 3 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 3Q/2004.
- ▲ Note 16: Oyster Creek is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 1Q/2004.
- ▲ Note 17: Robinson unit 2 is in the regulatory response column due to one white performance indicator in the barrier integrity cornerstone originating in 4Q/2004.
- ▲ Note 18: Salem unit 1 is in the regulatory response column due to one white finding in the mitigating systems originating in 1Q/2003.
- ▲ 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 2Q/2004.
- ▲ Note 20: Sequoyah unit 1 is in the regulatory response column due to one finding in the mitigating systems cornerstone originating in 3Q/2004.
- ▲ Note 21: Surry unit 1 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 2Q/2004.
- ▲ Note 22: Surry unit 2 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 4Q/2004.
- ▲ Note 23: Vermont Yankee is in the regulatory response column due to one white finding in the emergency preparedness cornerstone originating in 4Q/2004.
- ▲ Note 24: Waterford unit 3 is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 2Q/2004.