

## 4Q/2003 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 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
<a href="#">Arkansas Nuclear 1</a>	<a href="#">Beaver Valley 1<sup>1</sup></a>	<a href="#">D.C. Cook 2<sup>2</sup></a>	<a href="#">Cooper<sup>3</sup></a>	
<a href="#">Arkansas Nuclear 2</a>	<a href="#">Beaver Valley 2<sup>4</sup></a>	<a href="#">Perry 1<sup>5</sup></a>	<a href="#">Point Beach 1<sup>6</sup></a>	
<a href="#">Braidwood 2</a>	<a href="#">Braidwood 1<sup>7</sup></a>		<a href="#">Point Beach 2<sup>8</sup></a>	
<a href="#">Browns Ferry 2</a>	<a href="#">Callaway<sup>9</sup></a>			
<a href="#">Browns Ferry 3</a>	<a href="#">Dresden 3<sup>10</sup></a>			
<a href="#">Brunswick 1</a>	<a href="#">Fermi 2<sup>11</sup></a>			
<a href="#">Brunswick 2</a>	<a href="#">Fort Calhoun<sup>12</sup></a>			
<a href="#">Byron 1</a>	<a href="#">Harris 1<sup>13</sup></a>			
<a href="#">Byron 2</a>	<a href="#">Indian Point 2<sup>14</sup></a>			
<a href="#">Calvert Cliffs 1</a>	<a href="#">Indian Point 3<sup>15</sup></a>			
<a href="#">Calvert Cliffs 2</a>	<a href="#">Kewaunee<sup>16</sup></a>			
<a href="#">Catawba 1</a>	<a href="#">Nine Mile Point 1<sup>17</sup></a>			
<a href="#">Catawba 2</a>	<a href="#">Oconee 1<sup>18</sup></a>			
<a href="#">Clinton</a>	<a href="#">Oconee 2<sup>19</sup></a>			
<a href="#">Columbia Generating Station</a>	<a href="#">Oconee 3<sup>20</sup></a>			
<a href="#">Comanche Peak 1</a>	<a href="#">Palisades<sup>21</sup></a>			
<a href="#">Comanche Peak 2</a>	<a href="#">Peach Bottom 2<sup>22</sup></a>			
<a href="#">Crystal River 3</a>	<a href="#">Saint Lucie 2<sup>23</sup></a>			
<a href="#">D.C. Cook 1</a>	<a href="#">Salem 1<sup>24</sup></a>			
<a href="#">Diablo Canyon 1</a>	<a href="#">Seabrook 1<sup>25</sup></a>			
<a href="#">Diablo Canyon 2</a>	<a href="#">Surry 1<sup>26</sup></a>			
<a href="#">Dresden 2</a>	<a href="#">Surry 2<sup>27</sup></a>			
<a href="#">Duane Arnold</a>				
<a href="#">Farley 1</a>				
<a href="#">Farley 2</a>				

[FitzPatrick](#)  
[Ginna](#)  
[Grand Gulf 1](#)  
[Hatch 1](#)  
[Hatch 2](#)  
[Hope Creek 1](#)  
[La Salle 1](#)  
[La Salle 2](#)  
[Limerick 1](#)  
[Limerick 2](#)  
[McGuire 1](#)  
[McGuire 2](#)  
[Millstone 2](#)  
[Millstone 3](#)  
[Monticello](#)  
[Nine Mile Point 2](#)  
[North Anna 1](#)  
[North Anna 2](#)  
[Oyster Creek](#)  
[Palo Verde 1](#)  
[Palo Verde 2](#)  
[Palo Verde 3](#)  
[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](#)  
[Salem 2](#)  
[San Onofre 2](#)  
[San Onofre 3](#)  
[Sequoyah 1](#)  
[Sequoyah 2](#)  
[South Texas 1](#)  
[South Texas 2](#)  
[Summer](#)  
[Susquehanna 1](#)  
[Susquehanna 2](#)

[Three Mile Island 1](#)[Turkey Point 3](#)[Turkey Point 4](#)[Vermont Yankee](#)[Vogtle 1](#)[Vogtle 2](#)[Waterford 3](#)[Watts Bar 1](#)[Wolf Creek 1](#)

- ▲ Note 1: Beaver Valley unit 1 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2003. An NRC supplemental inspection issued on November 26, 2003, concluded that the licensee has satisfactorily responded to this finding.
- ▲ Note 2: D.C. Cook Unit 2 is in the degraded cornerstone column due to two white performance indicators in the initiating events cornerstone originating in 3Q/2002 and 4Q/2003.
- ▲ Note 3: Cooper is in the multiple/repetitive degraded cornerstone column due to three white findings in the emergency preparedness cornerstone. Although the specific performance issues associated with emergency preparedness have been corrected by the licensee, the depth and breadth of performance issues at the plant revealed during the supplemental inspection warranted continued increased oversight by the NRC. The areas of NRC focus are addressed in the Confirmatory Action Letter, dated January 30, 2003. In accordance with IMC 0305, the NRC will ensure that actual performance improvements have been made prior to closing out the inspection findings and exiting the multiple/repetitive degraded cornerstone column of the Action Matrix. In addition, Cooper Nuclear Station reported a white performance indicator in the initiating events cornerstone during 4Q/2003.
- ▲ Note 4: Beaver Valley unit 2 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2003. An NRC supplemental inspection issued on November 26, 2003, concluded that the licensee has satisfactorily responded to this finding.
- ▲ Note 5: Perry is in the degraded cornerstone column due to two white inspection findings in the mitigating systems cornerstone originating in 4Q/2002 and 3Q/2003, a white inspection finding in the Emergency Preparedness Cornerstone originating in 3Q/2003, and a white performance indicator in the occupational exposure control effectiveness cornerstone originating in 2Q/2003. The white inspection finding in the mitigating systems cornerstone originating in 4Q/2002 was held open in accordance with IMC 0305 for greater than four quarters pending licensee completion of an adequate root cause evaluation and NRC completion of an IP 95001 inspection. The IP 95001 inspection was completed and the finding will no longer be considered in the assessment program after 4Q/2003.
- ▲ 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. The first finding is 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: Braidwood Unit 1 is in the regulatory response column due to one white performance indicator in the mitigation systems cornerstone originating in 2Q/2003.
- ▲ Note 8: 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. The first finding is 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 9: Callaway is in the regulatory response column due to one white inspection finding in the emergency

preparedness cornerstone originating in 1Q/2003.

- ▲ Note 10: Dresden unit 3 is in the regulatory response column due to 1 white performance indicator in the mitigating systems cornerstone originating in 3Q/2001.
- ▲ Note 11: Fermi is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 3Q/2003.
- ▲ Note 12: Fort Calhoun is in the regulatory response column due to one white performance indicator in the occupational radiation safety cornerstone originating in 4Q/2003.
- ▲ Note 13: Harris unit 1 is in the regulatory response column due to one white performance indicator in the initiating events cornerstone originating in 2Q/2003.
- ▲ Note 14: Indian Point 2 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 3Q/2002. The finding has remained open for greater than four quarters due to broader design control issues, being addressed by the Design Basis Initiative (DBI), which have not been fully resolved by Entergy. A recent PI&R team inspection reviewed selected elements of the licensee's DBI program which will support closure of this white finding during 1Q/2004.
- ▲ Note 15: Indian Point 3 is in the regulatory response column due to a white performance indicator in the initiating events cornerstone originating in 2Q/2003 .
- ▲ Note 16: Kewaunee is in the regulatory response column due to one white finding in the mitigating systems cornerstone originating in 2Q/2002. This finding was held open in accordance with IMC 0305 for greater than four quarters pending licensee completion of an adequate root cause evaluation and NRC completion of an IP 95001 inspection. The IP 95001 inspection was completed and the finding will no longer be considered in the assessment program after 4Q/2003.
- ▲ Note 17: Nine Mile Point unit 1 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 1Q/2003.
- ▲ Note 18: Oconee unit 1 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 4Q/2003.
- ▲ Note 19: Oconee unit 2 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 4Q/2003.
- ▲ Note 20: Oconee unit 3 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 4Q/2003.
- ▲ Note 21: Palisades is in the regulatory response column due to one white inspection finding in the initiating events cornerstone originating in 2Q/2003.
- ▲ Note 22: Peach Bottom unit 2 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 4Q/2003.
- ▲ Note 23: St. Lucie unit 2 is in the regulatory response column due to one white performance indicator in the initiating events cornerstone originating in 4Q/2003.
- ▲ Note 24: Salem unit 1 is in the regulatory response column due to a white inspection finding in the mitigating systems cornerstone originating in 1Q/2003.
- ▲ Note 25: Seabrook is in the regulatory response column as a result of a white performance indicator in the barrier integrity cornerstone originating in 4Q/2003.
- ▲ Note 26: Surry unit 1 is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 4Q/2001 and one white performance indicator in the initiating events cornerstone originating in 3Q/2003.
- ▲ Note 27: Surry unit 2 is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 3Q/2001.

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*Last modification: Mar 02, 2004*