

## 2Q/2002 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. 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</a>	<a href="#">Braidwood 1<sup>1</sup></a>	<a href="#">Cooper<sup>2</sup></a>	
<a href="#">Arkansas Nuclear 2</a>	<a href="#">Beaver Valley 2</a>	<a href="#">Calvert Cliffs 1</a>	<a href="#">Indian Point 2<sup>3</sup></a>	
<a href="#">Braidwood 2</a>	<a href="#">Callaway</a>	<a href="#">Columbia Generating Station</a>	<a href="#">Oconee 1<sup>4</sup></a>	
<a href="#">Browns Ferry 2</a>	<a href="#">Calvert Cliffs 2<sup>5</sup></a>	<a href="#">Harris 1<sup>6</sup></a>		
<a href="#">Browns Ferry 3</a>	<a href="#">Comanche Peak 1</a>	<a href="#">Vermont Yankee</a>		
<a href="#">Brunswick 1</a>	<a href="#">Comanche Peak 2</a>			
<a href="#">Brunswick 2</a>	<a href="#">D.C. Cook 2</a>			
<a href="#">Byron 1</a>	<a href="#">Limerick 1</a>			
<a href="#">Byron 2</a>	<a href="#">Limerick 2</a>			
<a href="#">Catawba 1</a>	<a href="#">Nine Mile Point 1</a>			
<a href="#">Catawba 2</a>	<a href="#">Palisades</a>			
<a href="#">Clinton<sup>7</sup></a>	<a href="#">Peach Bottom 2</a>			
<a href="#">Crystal River 3</a>	<a href="#">Peach Bottom 3</a>			
<a href="#">D.C. Cook 1</a>	<a href="#">Point Beach 2<sup>8</sup></a>			
<a href="#">Davis-Besse</a>	<a href="#">Prairie Island 1<sup>9</sup></a>			
<a href="#">Diablo Canyon 1</a>	<a href="#">Prairie Island 2<sup>10</sup></a>			
<a href="#">Diablo Canyon 2</a>	<a href="#">Salem 1</a>			
<a href="#">Dresden 2</a>	<a href="#">Surry 1<sup>11</sup></a>			
<a href="#">Dresden 3</a>	<a href="#">Surry 2<sup>12</sup></a>			
<a href="#">Duane Arnold</a>	<a href="#">Susquehanna 1<sup>13</sup></a>			
<a href="#">Farley 1</a>	<a href="#">Susquehanna 2<sup>14</sup></a>			
<a href="#">Farley 2</a>				
<a href="#">Fermi 2<sup>15</sup></a>				
<a href="#">FitzPatrick</a>				
<a href="#">Fort Calhoun</a>				
<a href="#">Ginna</a>				

[Grand Gulf 1](#)  
[Hatch 1](#)  
[Hatch 2](#)  
[Hope Creek 1](#)  
[Indian Point 3](#)  
[Kewaunee](#)  
[La Salle 1](#)  
[La Salle 2<sup>16</sup>](#)  
[McGuire 1](#)  
[McGuire 2](#)  
[Millstone 2](#)  
[Millstone 3](#)  
[Monticello](#)  
[Nine Mile Point 2<sup>17</sup>](#)  
[North Anna 1](#)  
[North Anna 2](#)  
[Oconee 2](#)  
[Oconee 3](#)  
[Oyster Creek<sup>18</sup>](#)  
[Palo Verde 1](#)  
[Palo Verde 2](#)  
[Palo Verde 3](#)  
[Perry 1](#)  
[Pilgrim 1](#)  
[Point Beach 1<sup>19</sup>](#)  
[Quad Cities 1](#)  
[Quad Cities 2](#)  
[River Bend 1](#)  
[Robinson 2](#)  
[Saint Lucie 1](#)  
[Saint Lucie 2](#)  
[Salem 2](#)  
[San Onofre 2](#)  
[San Onofre 3](#)  
[Seabrook 1](#)  
[Sequoyah 1](#)  
[Sequoyah 2](#)  
[South Texas 1](#)  
[South Texas 2](#)  
[Summer](#)  
[Three Mile Island 1](#)

[Turkey Point 3](#)

[Turkey Point 4](#)

[Vogtle 1](#)

[Vogtle 2](#)

[Waterford 3](#)

[Watts Bar 1](#)

[Wolf Creek 1](#)

- ▲ Note 1: A second white finding in the mitigating systems cornerstone originated in 1Q/2002.
- ▲ Note 2: Cooper has moved to this column of the Action Matrix due to five consecutive quarters in the degraded cornerstone column of the Action Matrix.
- ▲ Note 3: In accordance with IMC 0305 "Operating Reactor Assessment Program", the red inspection finding in the initiating events cornerstone has been carried forward in the assessment program for greater than four quarters.
- ▲ Note 4: In accordance with IMC 0305, "Operating Reactor Assessment Program," the staff plans to deviate from the Action Matrix and implement the regulatory actions described in the degraded cornerstone column as noted in the [assessment followup letter](#) dated October 9, 2002. Oconee Unit 1 moved to the multiple/repetitive degraded cornerstone column of the Action Matrix due to five consecutive quarters in the degraded cornerstone column of the Action Matrix. In accordance with IMC 0305, the white inspection finding in the mitigating systems cornerstone has been carried forward in the assessment program for greater than four quarters. Additionally, as a result of a performance indicator (PI) change submittal on August 13, 2002, the "Heat Removal System Unavailability" PI is in the white band from 1Q/2001 to present.
- ▲ Note 5: A white inspection finding in the public radiation safety cornerstone originated in 2Q/2002.
- ▲ Note 6: A second white finding in the mitigating systems cornerstone originated in 2Q/2002.
- ▲ Note 7: The white inspection finding in the emergency preparedness cornerstone has completed four quarters of consideration in the assessment program.
- ▲ Note 8: A white inspection finding in the mitigating systems cornerstone originated in 1Q/2002. Additionally, a red inspection finding in the mitigating systems cornerstone originated in 4Q/2001. This finding is being considered for treatment as an old design issue in accordance with IMC 0305.
- ▲ Note 9: In accordance with IMC 0305 "Operating Reactor Assessment Program", the white inspection finding in the mitigating systems cornerstone has been carried forward in the assessment program for greater than four quarters.
- ▲ Note 10: In accordance with IMC 0305 "Operating Reactor Assessment Program", the white inspection finding in the mitigating systems cornerstone has been carried forward in the assessment program for greater than four quarters.
- ▲ Note 11: The licensee submitted a change report on the Emergency AC Power System Unavailability performance indicator which caused the PI to cross the green/white threshold. This PI and the white inspection finding in the mitigating systems cornerstone represent the same underlying issue and are not double-counted in the assessment program.
- ▲ Note 12: The white performance indicator and inspection finding in the mitigating systems cornerstone represent the same underlying issue and are not double-counted in the assessment program.
- ▲ Note 13: In accordance with IMC 0305 "Operating Reactor Assessment Program", the white inspection finding in the emergency preparedness cornerstone has been carried forward in the assessment program for greater than four quarters.

- ▲ Note In accordance with IMC 0305 "Operating Reactor Assessment Program", the white inspection finding in the 14: emergency preparedness cornerstone has been carried forward in the assessment program for greater than four quarters.
  - ▲ Note A white inspection finding in the mitigating systems cornerstone has completed four quarters of consideration 15: in the assessment program.
  - ▲ Note 16: The "Unplanned Scrams" performance indicator returned to the green band in 2Q/2002.
  - ▲ Note 17: The "Unplanned Scrams" performance indicator returned to the green band in 2Q/2002.
  - ▲ Note The white inspection finding in the physical protection cornerstone has completed four quarters of 18: consideration in the assessment program.
  - ▲ Note The "Scrams With Loss Of Heat Removal" performance indicator returned to the green band in 2Q/2002. 19: Additionally, a red inspection finding in the mitigating systems cornerstone originated in 4Q/2001. This finding is being considered for treatment as an old design issue in accordance with IMC 0305.
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*Last modification: Oct 10, 2002*