4Q/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 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	Beaver Valley 1[1]	D.C. Cook 2[2]	Cooper[3]	
Arkansas Nuclear 2	Beaver Valley 2[4]	Indian Point 2[5]		
Braidwood 2	Braidwood 1[6]			
Browns Ferry 2	Callaway[7]			
Browns Ferry 3	Calvert Cliffs 1[8]			
Brunswick 1	Calvert Cliffs 2[9]			
Brunswick 2	Columbia Generating Station[10]			
Byron 1	D.C. Cook 1[11]			
Byron 2	Dresden 3[12]			
Catawba 1	Fort Calhoun[13]			
Catawba 2	Ginna[14]			
Clinton	Harris 1[15]			
Comanche Peak 1	Kewaunee[16]			
Comanche Peak 2	Oconee 1[17]			
Crystal River 3	Oconee 3[18]			
Diablo Canyon 1	Peach Bottom 2[19]			
Diablo Canyon 2	Peach Bottom 3[20]			
Dresden 2	Perry 1[21]			
Duane Arnold	Point Beach 1[22]			
Farley 1	Point Beach 2[23]			
Farley 2	River Bend 1[24]			
Fermi 2	Sequoyah 2[25]			
FitzPatrick	South Texas 2[26]			
Grand Gulf 1	Surry 1[27]			
Hatch 1	Surry 2[28]			
Hatch 2				
Hope Creek 1				
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
Oconee 2
Oyster Creek
Palisades
Palo Verde 1
Palo Verde 2
Palo Verde 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 2
San Onofre 3
Seabrook 1
Sequoyah 1
South Texas 1
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 the 1Q/2002.

▲ Note 2: DC Cook unit 2 is in the degraded cornerstone column due to two white inspection findings in the mitigating systems cornerstone originating in 1Q/2002 and 2Q/2002.

▲ Note 3: Cooper Nuclear Station is in the multiple/repetitive degraded cornerstone column due to three white inspection findings in the emergency preparedness cornerstone with one finding originating in 2Q/2001 and two findings originating in 3Q/2001. These findings are being held open for greater than four quarters in accordance with IMC 0305 because NRC supplemental inspections revealed that the licensee's root cause evaluation did not fully identify and assess all contributing causes of the inspection findings.

▲ 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 the 1Q/2002.

▲ Note 5: Indian Point 2 is in the degraded cornerstone column due to one white and one yellow inspection findings in the mitigating systems cornerstone. The white finding originated in 3Q/2002 and the yellow finding originated in 4Q/2001. The yellow finding was held open in accordance with IMC 0305 for greater than four quarters to allow for further observation and evaluation of operator training and requalification.

▲ Note 6: Braidwood unit 1 is in the regulatory response column due to one white inspection finding in the mitigating systems

cornerstone originating in 1Q/2002.

- Note 7: Callaway plant is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 1Q/2002.
- Note 8: Calvert Cliffs unit 1 is in the regulatory response column due to two white inspection findings. The white finding in the emergency preparedness cornerstone originated in 3Q/2002 and the white finding in the public radiation safety cornerstone originated in 2Q/2002.
- Note 9: Calvert Cliffs unit 2 is in the regulatory response column due to two white inspection findings. The white finding in the emergency preparedness cornerstone originated in 3Q/2002 and the white finding in the public radiation safety cornerstone originated in 2Q/2002.
- Note 10: Columbia Generating Station is in the regulatory response column due to a white finding in the mitigating systems cornerstone originating in 1Q/2002.
- Note 11: DC Cook unit 1 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 2Q/2002.
- Note 12: Dresden unit 3 is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 3Q/2001.
- Note 13: Fort Calhoun station is in the regulatory response column due to one white inspection finding in the public radiation safety cornerstone originating in 2Q/2002.
- Note 14: Ginna is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2002.
- Note 15: Harris is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 2Q/2002.
- Note 16: Kewaunee is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 3Q/2002.
- Note 17: Oconee unit 1 is in the regulatory response column due to one white inspection finding in the barrier integrity cornerstone originating in 2Q/2002. Additionally, one white inspection finding in the mitigating systems cornerstone originating in 3Q/2002 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 18: Oconee unit 3 is in the regulatory response column due to one white inspection finding in the mitigating systems cornerstone originating in 4Q/2002.
- Note 19: Peach Bottom unit 2 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 3Q/2002.
- Note 20: Peach Bottom unit 3 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 3Q/2002.
- Note 21: Perry is in the regulatory response column due to one white inspection finding in the mitigating systemscornerstone originating in 4Q/2002.
- Note 22: Point Beach unit 1 is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 2Q/2002. A red inspection finding in the mitigating systems cornerstone is being considered for treatment as an old design issue in accordance with IMC 0305. This finding may result in Point Beach unit 1 being in the multiple/repetitive degraded cornerstone column of the Action Matrix if the finding is determined not to be an old design issue.
- Note 23: Point Beach unit 2 is in the regulatory response column due to two white inspection findings in different cornerstones. One white inspection finding is in the in the emergency preparedness cornerstone and originated in 2Q/2002. The other white inspection finding is in the mitigating systems cornerstone and originated in 1Q/2002. A red inspection finding in the mitigating systems cornerstone is being considered for treatment as an old design issue in accordance with IMC 0305. This finding may result in Point Beach unit 2 being in the multiple/repetitive degraded cornerstone column of the Action Matrix if the finding is determined not to be an old design issue.
- Note 24: River Bend Station is in the regulatory response column due to one white inspection finding in the emergency preparedness cornerstone originating in 1Q/2002.
- Note 25: Sequoyah unit 2 is in the regulatory response column due to one white performance indicator in the initiating events cornerstone originating in 4Q/2002.
- Note 26: South Texas Project unit 2 is in the regulatory response column due to one white performance indicator in the initiating events cornerstone originating in 4Q/2002.
- Note 27: Surry unit 1 is in the regulatory response column due to one white performance indicator in the mitigating systems cornerstone originating in 4Q/2001.
- Note 28: 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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