



Home > Nuclear Reactors > Operating Reactors > Reactor Oversight Process > Action Matrix

## Action Matrix



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 listed below reflects overall plant performance and is updated per the ROP Update Schedule.

The security cornerstone is an important component of the ROP, which includes various security inspection activities the NRC uses to verify licensee compliance with Commission regulations and thus ensure public health and safety. The Commission determined in the staff requirements memorandum (SRM) for SECY-04-0191, "Withholding Sensitive Unclassified Information Concerning Nuclear Power Reactors from Public Disclosure," dated November 9, 2004, that specific information related to findings and performance indicators associated with the security cornerstone will not be publicly available to ensure that security-related information is not provided to a possible adversary. Security inspection report cover letters will be available on the NRC Web site; however, security-related information on the details of inspection finding(s) will not be displayed.

For those plants that are in the Regulatory Response Column, Degraded Cornerstone Column, Degraded Performance Column, and Unacceptable Performance Column of the Action Matrix, notes are provided to explain the assessment inputs that direct the associated regulatory response. Additionally, information on the current level of inspection at each reactor unit (based on deviations from the Action Matrix, supplemental inspection status, etc.) is also found below. For any licensee in the Licensee Response Column, the expected agency inspection is the baseline program.

See the Cross Cutting Issues page for more information.

### Action Matrix | Region I | Region II | Region III | Region IV

#### Action Matrix by Column

Licensee Response	Regulatory Response	Degraded Performance	Multiple/Repetitive Degraded Cornerstone Column	Unacceptable Performance
(Baseline Inspection)	(Response at Regional Level)	(Response at Regional Level)	(Response at Agency Level)	(Response at Agency Level)
Beaver Valley 1	Browns Ferry 1		Arkansas Nuclear 1	
Beaver Valley 2	Browns Ferry 2		Arkansas Nuclear 2	
Braidwood 1	Browns Ferry 3		Pilgrim 1	
Braidwood 2	Columbia Generating Station			
Brunswick 1	Diablo Canyon 2			
Brunswick 2	Dresden 3			

**NRC: Reactor Oversight Process - Action Matrix**

Byron 1  
Byron 2  
Callaway  
Calvert Cliffs 1  
Calvert Cliffs 2  
Catawba 1  
Catawba 2  
Clinton  
Comanche Peak  
1  
Comanche Peak  
2  
Cooper  
D.C. Cook 1  
D.C. Cook 2  
Davis-Besse  
Diablo Canyon 1  
Dresden 2  
Duane Arnold  
Farley 1  
Farley 2  
FitzPatrick  
Ginna  
Harris 1  
Hatch 1  
Hatch 2  
Indian Point 2  
Indian Point 3  
LaSalle 1  
LaSalle 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 1  
Oconee 2  
Oconee 3  
Palisades  
Palo Verde 1  
Palo Verde 2

Fermi 2  
Grand Gulf 1  
Hope Creek 1  
Oyster Creek  
Saint Lucie 1  
Salem 2  
South Texas 1  
South Texas 2  
Vogtle 1  
Vogtle 2

- Palo Verde 3
- Peach Bottom 2
- Peach Bottom 3
- Perry 1
- Point Beach 1
- Point Beach 2
- Prairie Island 1
- Prairie Island 2
- Quad Cities 1
- Quad Cities 2
- River Bend 1
- Robinson 2
- Saint Lucie 2
- Salem 1
- Seabrook 1
- Sequoyah 1
- Sequoyah 2
- Summer
- Surry 1
- Surry 2
- Susquehanna 1
- Susquehanna 2
- Three Mile Island 1
- Turkey Point 3
- Turkey Point 4
- Waterford 3
- Watts Bar 1
- Watts Bar 2
- Wolf Creek 1

**Action Matrix | Region I | Region II | Region III | Region IV**

**Action Matrix by Region**

**Region I**

<b>Reactor Unit</b>	<b>Action Matrix Column</b>	<b>Current Regulatory Oversight</b>
Beaver Valley 1	Licensee Response	Baseline inspection
Beaver Valley 2	Licensee Response	Baseline inspection
Calvert Cliffs 1	Licensee Response	Baseline inspection
Calvert Cliffs 2	Licensee Response	Baseline inspection
FitzPatrick	Licensee Response	Baseline inspection
Ginna	Licensee Response	Baseline inspection
Hope Creek 1		

**NRC: Reactor Oversight Process - Action Matrix**

	Regulatory Response	Baseline inspection
	Hope Creek is in Column 2 because of a white inspection finding in the Mitigating Systems Cornerstone originating in 3Q2016.	and
		IP 95001 supplemental inspection
Indian Point 2	Licensee Response	Baseline inspection
Indian Point 3	Licensee Response	Baseline inspection
Limerick 1	Licensee Response	Baseline inspection
Limerick 2	Licensee Response	Baseline inspection
Millstone 2	Licensee Response	Baseline inspection
Millstone 3	Licensee Response	Baseline inspection
Nine Mile Point 1	Licensee Response	Baseline inspection
Nine Mile Point 2	Licensee Response	Baseline inspection
	Regulatory Response	Baseline inspection
Oyster Creek	Oyster Creek is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 4Q2016.	and
		IP 95001 supplemental inspection
Peach Bottom 2	Licensee Response	Baseline inspection
Peach Bottom 3	Licensee Response	Baseline inspection
	Multiple/Repetitive Degraded Cornerstone	Baseline Inspection
Pilgrim 1	Pilgrim is in Column 4 because of one parallel white inspection finding for a white performance indicator in the Initiating Events Cornerstone originating in 3Q2013, one parallel white inspection finding for a white performance indicator in the Initiating Events Cornerstone originating in 4Q2013, and an additional white inspection finding in the Mitigating Systems Cornerstone originating in 1Q2015, resulting in Pilgrim meeting the criteria for a repetitive degraded cornerstone.	and
		IP 95003 supplemental inspection
Salem 1	Licensee Response	Baseline inspection
Salem 2	Regulatory Response	Baseline inspection

Salem unit 2 is in Column 2 because of a white performance indicator in the Initiating Events Cornerstone originating in 2Q2016.

Seabrook 1 Licensee Response

Susquehanna 1 Licensee Response

Susquehanna 2 Licensee Response

Three Mile Island 1 Licensee Response

IP 95001 supplemental inspection  
Baseline inspection  
Baseline inspection  
Baseline inspection  
Baseline inspection

 TOP

**Region II  
Reactor Unit**

**Action Matrix Column**

**Current Regulatory Oversight**

Browns Ferry 1 Regulatory Response

Browns Ferry 1 Browns Ferry Unit 1 is in Column 2 because of a greater-than-green finding in the Security Cornerstone originating in 2Q2017.

Baseline inspection

and

IP 95001 supplemental inspection  
Baseline inspection

Browns Ferry 2 Regulatory Response

Browns Ferry 2 Browns Ferry Unit 2 is in Column 2 because of a greater-than-green finding in the Security Cornerstone originating in 2Q2017.

and

IP 95001 supplemental inspection  
Baseline inspection

Browns Ferry 3 Regulatory Response

Browns Ferry 3 Browns Ferry Unit 3 is in Column 2 because of a greater-than-green finding in the Security Cornerstone originating in 2Q2017.

and

IP 95001 supplemental inspection

Brunswick 1 Licensee Response

Baseline inspection

Brunswick 2 Licensee Response

Baseline inspection

Catawba 1 Licensee Response

Baseline inspection

Catawba 2 Licensee Response

Baseline inspection

Farley 1 Licensee Response

Baseline inspection

Farley 2 Licensee Response

Baseline inspection

Harris 1 Licensee Response

Baseline inspection

**NRC: Reactor Oversight Process - Action Matrix**

Hatch 1	Licensee Response	Baseline inspection
Hatch 2	Licensee Response	Baseline inspection
McGuire 1	Licensee Response	Baseline inspection
McGuire 2	Licensee Response	Baseline inspection
North Anna 1	Licensee Response	Baseline inspection
North Anna 2	Licensee Response	Baseline inspection
Oconee 1	Licensee Response	Baseline inspection
Oconee 2	Licensee Response	Baseline inspection
Oconee 3	Licensee Response	Baseline inspection
Robinson 2	Licensee Response	Baseline inspection
	Regulatory Response	Baseline inspection
Saint Lucie 1	Saint Lucie unit 1 is in Column 2 because of a white inspection finding in the Initiating Events Cornerstone originating in 4Q2016.	and IP 95001 supplemental inspection
Saint Lucie 2	Licensee Response	Baseline inspection
Sequoyah 1	Licensee Response	Baseline inspection
Sequoyah 2	Licensee Response	Baseline inspection
Summer	Licensee Response	Baseline inspection
Surry 1	Licensee Response	Baseline inspection
Surry 2	Licensee Response	Baseline inspection
Turkey Point 3	Licensee Response	Baseline inspection
Turkey Point 4	Licensee Response	Baseline inspection
	Regulatory Response	Baseline inspection
Vogtle 1	Vogtle unit 1 is in Column 2 because of a white inspection finding in the Emergency Preparedness Cornerstone originating in 4Q2016.	and IP 95001 supplemental inspection
	Regulatory Response	Baseline inspection
Vogtle 2	Vogtle unit 2 is in Column 2 because of a white inspection finding in the Emergency Preparedness Cornerstone originating in 4Q2016.	and IP 95001 supplemental inspection
Watts Bar 1	Licensee Response	Baseline inspection
Watts Bar 2		Baseline inspection

Licensee Response



**Region III**

<b>Reactor Unit</b>	<b>Action Matrix Column</b>	<b>Current Regulatory Oversight</b>
Braidwood 1	Licensee Response	Baseline inspection
Braidwood 2	Licensee Response	Baseline inspection
Byron 1	Licensee Response	Baseline inspection
Byron 2	Licensee Response	Baseline inspection
Clinton	Licensee Response	Baseline inspection
D.C. Cook 1	Licensee Response	Baseline inspection
D.C. Cook 2	Licensee Response	Baseline inspection
Davis-Besse	Licensee Response	Baseline inspection
Dresden 2	Licensee Response	Baseline inspection
	Regulatory Response	Baseline inspection
Dresden 3	Dresden 3 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 4Q2016.	and IP 95001 supplemental inspection
Duane Arnold	Licensee Response	Baseline inspection
	Regulatory Response	Baseline inspection
Fermi 2	Fermi is in Column 2 because of a white finding in the Emergency Preparedness Cornerstone originating in 1Q2017.	and IP 95001 supplemental inspection
LaSalle 1	Licensee Response	Baseline inspection
LaSalle 2	Licensee Response	Baseline inspection
Monticello	Licensee Response	Baseline inspection
Palisades	Licensee Response	Baseline inspection
Perry 1	Licensee Response	Baseline inspection
Point Beach 1	Licensee Response	Baseline inspection
Point Beach 2	Licensee Response	Baseline inspection

Prairie Island Licensee Response 1	Baseline inspection
Prairie Island Licensee Response 2	Baseline inspection
Quad Cities 1 Licensee Response	Baseline inspection
Quad Cities 2 Licensee Response	Baseline inspection

 TOP

**Region IV**

<b>Reactor Unit</b>	<b>Action Matrix Column</b>	<b>Current Regulatory Oversight</b>
	Multiple/Repetitive Degraded Cornerstone	Baseline inspection
Arkansas Nuclear 1	ANO Unit 1 is in Column 4 because of a yellow finding in the Initiating Events Cornerstone originating in 1Q2014, a yellow finding in the Mitigating Systems Cornerstone originating in 3Q2014, and a greater-than-green finding in the Security Cornerstone originating in 1Q2014.	and IP 95003 supplemental inspection
	Multiple/Repetitive Degraded Cornerstone	Baseline inspection
Arkansas Nuclear 2	ANO Unit 2 is in Column 4 because of a yellow finding in the Initiating Events Cornerstone originating in 1Q2014, a yellow finding in the Mitigating Systems Cornerstone originating in 3Q2014, and a greater-than-green finding in the Security Cornerstone originating in 1Q2014. ANO 2 also had a white finding in the Mitigating Systems Cornerstone originating in 4Q2016.	and IP 95003 supplemental inspection
Callaway	Licensee Response	Baseline inspection Baseline inspection
Columbia Generating Station	Regulatory Response Columbia is in Column 2 because of a white finding in the Public Radiation Safety Cornerstone originating in 1Q2017.	and IP 95001 supplemental inspection
Comanche Peak 1	Licensee Response	Baseline inspection
Comanche Peak 2	Licensee Response	Baseline inspection
Cooper	Licensee Response	Baseline inspection
Diablo Canyon 1	Licensee Response	Baseline inspection
Diablo Canyon 2	Regulatory Response	Baseline inspection

Diablo Canyon 2 is in Column 2 because of a white finding in the Mitigating Systems and Cornerstone originating in 3Q2016.

IP 95001  
supplemental  
inspection  
Baseline  
inspection

Regulatory Response

Grand Gulf 1 Grand Gulf is in Column 2 because of a white performance indicator in the Initiating Events Cornerstone originating in 3Q2016.

and

IP 95001  
supplemental  
inspection  
Baseline  
inspection

Palo Verde 1 Licensee Response

Palo Verde 2 Licensee Response

Palo Verde 3 Licensee Response

River Bend 1 Licensee Response

Baseline  
inspection  
Baseline  
inspection  
Baseline  
inspection  
Baseline  
inspection

Regulatory Response

South Texas 1 South Texas Project 1 is in Column 2 because of a greater-than-green inspection finding in the Security Cornerstone originating in 4Q2016.

and

IP 95001  
supplemental  
inspection  
Baseline  
inspection

Regulatory Response

South Texas 2 South Texas Project 2 is in Column 2 because of a greater-than-green inspection finding in the Security Cornerstone originating in 4Q2016.

and

IP 95001  
supplemental  
inspection  
Baseline  
inspection  
Baseline  
inspection

Waterford 3 Licensee Response

Wolf Creek 1 Licensee Response

 TOP

Current data as of: Aug 02, 2017

*Page Last Reviewed/Updated Thursday, February 09, 2017*