


 SEARCH


NUCLEAR REACTORS

NUCLEAR MATERIALS

RADIOACTIVE WASTE

NUCLEAR SECURITY

PUBLIC MEETINGS & INVOLVEMENT

NRC LIBRARY

ABOUT NRC

PRINT

OPERATING REACTOR OVERSIGHT

- ROP Framework
- Performance Indicators
- Inspection Reports
- ROP Evaluation
- Plant Summaries
- Inspection Findings
- Action Matrix**
- Assessment Letters
- Cross Cutting Issues
- ROP References



**Spotlight**

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](#).

**RELATED INFORMATION**  
[ROP Action Matrix Deviations](#)

The Security Cornerstone is an important component of the Reactor Oversight Process which includes various security inspection activities the NRC uses to verify licensee compliance with Commission regulations, ensuring public health and safety. The Commission determined in SRM-SECY-04-0191 titled "Withholding Sensitive Unclassified Information Concerning Nuclear Power Reactors from Public Disclosure" and 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 regarding the details of the finding(s) associated with the inspection conducted 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 (Baseline Inspection)	Regulatory Response (Response at Regional Level)	Degraded Cornerstone (Response at Regional Level)	Degraded Performance (Response at Agency Level)	Unacceptable Performance (Response at Agency Level)
Beaver Valley 1	Davis-Besse		Arkansas Nuclear 1	
Beaver Valley 2	Indian Point 3		Arkansas Nuclear 2	
Braidwood 1	Prairie Island 2		Pilgrim 1	
Braidwood 2	River Bend 1			
Browns Ferry 1	Sequoyah 1			
Browns Ferry 2	Vogtle 1			
Browns Ferry 3	Vogtle 2			
Brunswick 1				

Brunswick 2				
Byron 1				
Byron 2				
Callaway				
Calvert Cliffs 1				
Calvert Cliffs 2				
Catawba 1				
Catawba 2				
Clinton				
Columbia Generating Station				
Comanche Peak 1				
Comanche Peak 2				
Cooper				
D.C. Cook 1				
D.C. Cook 2				
Diablo Canyon 1				
Diablo Canyon 2				
Dresden 2				
Dresden 3				
Duane Arnold				
Farley 1				
Farley 2				
Fermi 2				
FitzPatrick				
Fort Calhoun				
Ginna				
Grand Gulf 1				
Harris 1				
Hatch 1				
Hatch 2				
Hope Creek 1				
Indian Point 2				
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 1				
Oconee 2				
Oconee 3				
Oyster Creek				
Palisades				
Palo Verde 1				
Palo Verde 2				
Palo Verde 3				
Peach Bottom 2				
Peach Bottom 3				
Perry 1				
Point Beach 1				
Point Beach 2				
Prairie Island 1				
Quad Cities 1				
Quad Cities 2				
Robinson 2				
Saint Lucie 1				
Saint Lucie 2				
Salem 1				
Salem 2				
Seabrook 1				
Sequoyah 2				
South Texas 1				
South Texas 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**

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
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	Licensee Response	Baseline inspection
Indian Point 2	Licensee Response	Baseline inspection
Indian Point 3	Regulatory Response Indian Point Unit 3 is in Column 2 because of a white Performance Indicator in the Initiating Events Cornerstone originating in 4Q2015.	Baseline inspection and IP 95001 supplemental 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
Oyster Creek	Licensee Response	Baseline inspection
Peach Bottom 2	Licensee Response	Baseline inspection
Peach Bottom 3	Licensee Response	Baseline inspection
Pilgrim 1	Degraded Performance 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	Baseline Inspection and IP 95003 supplemental inspection

	additional white inspection finding in the Mitigating Systems Cornerstone originating in 1Q2015, resulting in Pilgrim meeting the criteria for a repetitive degraded cornerstone.	
Salem 1	Licensee Response	Baseline inspection
Salem 2	Licensee Response	Baseline inspection
Seabrook 1	Licensee Response	Baseline inspection
Susquehanna 1	Licensee Response	Baseline inspection
Susquehanna 2	Licensee Response	Baseline inspection
Three Mile Island 1	Licensee Response	Baseline inspection

▲ TOP

### Region II

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Browns Ferry 1	Licensee Response	Baseline inspection
Browns Ferry 2	Licensee Response	Baseline inspection
Browns Ferry 3	Licensee Response	Baseline 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
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
Saint Lucie 1	Licensee Response	Baseline inspection
Saint Lucie 2	Licensee Response	Baseline inspection
Sequoyah 1	Regulatory Response Sequoyah Unit 1 is in Column 2 because of a white Performance Indicator in the Initiating Events Cornerstone originating in 3Q2015.	Baseline inspection and IP 95001 supplemental 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
Vogtle 1	Regulatory Response Vogtle Unit 1 is in Column 2 because of a greater-than-green finding in the Security Cornerstone originating in 1Q2016.	Baseline inspection and IP 95001 supplemental inspection
Vogtle 2	Regulatory Response Vogtle Unit 2 is in Column 2 because of a greater-than-green finding in the Security Cornerstone originating in 1Q2016.	Baseline inspection and IP 95001 supplemental inspection
Watts Bar 1	Licensee Response	Baseline inspection
Watts Bar 2	Licensee Response	

▲ TOP

### Region III

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
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
	Regulatory Response Davis-Besse is in Column 2 because	Baseline inspection

Davis-Besse	of a greater-than-green finding in the Security Cornerstone originating in 4Q2015.	and IP 95001 supplemental inspection
Dresden 2	Licensee Response	Baseline inspection
Dresden 3	Licensee Response	Baseline inspection
Duane Arnold	Licensee Response	Baseline inspection
Fermi 2	Licensee Response	Baseline inspection
La Salle 1	Licensee Response	Baseline inspection
La Salle 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 1	Licensee Response	Baseline inspection
Prairie Island 2	Regulatory Response  Prairie Island Unit 2 is in Column 2 because of a white Performance Indicator in the Initiating Events Cornerstone originating in 4Q2015.	Baseline inspection  and IP 95001 supplemental inspection
Quad Cities 1	Licensee Response	Baseline inspection
Quad Cities 2	Licensee Response	Baseline inspection

 TOP

#### Region IV

Reactor Unit	Action Matrix Column	Current Regulatory Oversight
Arkansas Nuclear 1	Degraded Performance  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.	Baseline inspection  and IP 95003 supplemental inspection
Arkansas Nuclear 2	Degraded Performance  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	Baseline inspection  and IP 95003 supplemental inspection

	1Q2014.	
Callaway	Licensee Response	Baseline inspection
Columbia Generating Station	Licensee Response	Baseline 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	Licensee Response	Baseline inspection
Fort Calhoun	Licensee Response	Baseline inspection
Grand Gulf 1	Licensee Response	Baseline inspection
Palo Verde 1	Licensee Response	Baseline inspection
Palo Verde 2	Licensee Response	Baseline inspection
Palo Verde 3	Licensee Response	Baseline inspection
River Bend 1	Regulatory Response River Bend is in Column 2 because of a greater-than-green finding in the Security Cornerstone originating in 2Q2014 and one white performance indicator in the Initiating Events Cornerstone originating in 4Q2014.	Baseline inspection and IP 95001 supplemental inspection
South Texas 1	Licensee Response	Baseline inspection
South Texas 2	Licensee Response	Baseline inspection
Waterford 3	Licensee Response	Baseline inspection
Wolf Creek 1	Licensee Response	Baseline inspection

 [TOP](#)

Current data as of: Jul 01, 2016

*Page Last Reviewed/Updated Wednesday, June 08, 2016*

#### HOME

[NEWS RELEASES](#)  
[EVENT REPORTS](#)  
[ADAMS](#)  
[OPEN GOV](#)  
[DIGITAL GOVERNMENT](#)  
[THE STUDENT CORNER](#)

#### ABOUT US





[STRATEGIC PLAN](#)  
[BUDGET & PERFORMANCE](#)  
[PERF & ACCOUNTABILITY REPT](#)  
[HISTORY OF THE NRC](#)  
[CAREER OPPORTUNITIES](#)  
[NRC ETHICS](#)



#### POPULAR DOCUMENTS

[INFO DIGEST](#)  
[FACT SHEETS & BROCHURES](#)  
[FORMS](#)  
[ELECTRONIC SUBMITTALS APPLICATION](#)  
[NRC REPORTS – NUREG](#)  
[NRC REGULATIONS – 10-CFR](#)

#### STAY CONNECTED

 [BLOG](#)  
 [FACEBOOK](#)  
 [TWITTER](#)  
 [YOUTUBE](#)  
 [FLICKR](#)



[PHOTOS & VIDEO](#)  
[FOR DEVELOPERS](#)

[AGENCY STATUS](#)  
[CONTACT US](#)

[INSPECTION REPORTS](#)  
[PLAIN WRITING](#)  
[ENFORCEMENT ACTIONS](#)  
[RULEMAKING](#)

 [GOVDELIVERY](#)  
 [RSS](#)