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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 | Catawba 2 | | | |
| Brunswick 1 | Clinton | | | |
| Brunswick 2 | Columbia | | | |
| | Generating Station | | | |

Byron 1
Byron 2
Callaway
Calvert Cliffs 1
Calvert Cliffs 2
Catawba 1
Comanche Peak
1
Comanche Peak
2
Cooper
D.C. Cook 1
D.C. Cook 2
Davis-Besse
Diablo Canyon 1
Dresden 2
Dresden 3
Duane Arnold
Farley 1
Farley 2
Fermi 2
FitzPatrick
Ginna
Harris 1
Hatch 1
Hatch 2
Hope Creek 1
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
Oyster Creek
Palisades

- Palo Verde 1
- Palo Verde 2
- Palo Verde 3
- Peach Bottom 2
- Peach Bottom 3
- 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 1
- Saint Lucie 2
- Salem 1
- Salem 2
- Seabrook 1
- 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
- Vogtle 1
- Vogtle 2
- Waterford 3
- Watts Bar 1
- Watts Bar 2

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 Licensee Response 1 | | Baseline inspection |
| Calvert Cliffs Licensee Response 2 | | Baseline inspection |
| FitzPatrick | | |

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|---------------------|--|--------------------------------------|
| | 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 | 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 |
| Oyster Creek | Licensee Response | Baseline 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 | 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 |

| Region II Reactor Unit | Action Matrix Column | Current Regulatory Oversight |
|---------------------------------------|--|--|
| Browns Ferry 1 | Regulatory Response 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 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 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 | Regulatory Response Catawba Unit 2 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 3Q2017. | Baseline inspection and IP 95001 supplemental 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 |

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| 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 |
| | Regulatory Response | Baseline inspection |
| Sequoyah 1 | Sequoyah Unit 1 is in Column 2 because of one or more Greater-than-Green findings in the Security Cornerstone originating in 3Q2017. | and IP 95001 supplemental inspection Baseline inspection |
| | Regulatory Response | and |
| Sequoyah 2 | Sequoyah Unit 2 is in Column 2 because of one or more Greater-than-Green findings in the Security Cornerstone originating in 3Q2017. | IP 95001 supplemental 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 | Licensee Response | Baseline inspection |
| Vogtle 2 | Licensee Response | Baseline inspection |
| Watts Bar 1 | Licensee Response | Baseline inspection |
| Watts Bar 2 | Licensee Response | Baseline inspection |

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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 | Regulatory Response | Baseline inspection |

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| | Clinton is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 3Q2017. | and IP 95001 supplemental 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 |
| Dresden 3 | Licensee Response | Baseline inspection |
| Duane Arnold | Licensee Response | Baseline inspection |
| Fermi 2 | Licensee Response | Baseline inspection |
| LaSalle 1 | Licensee Response | Baseline inspection |
| LaSalle 2 | Licensee Response | Baseline inspection |
| Monticello | Licensee Response | Baseline inspection |
| Palisades | Licensee Response | Baseline inspection |
| | Regulatory Response | Baseline inspection |
| Perry 1 | Perry is in Column 2 because of a white finding in the mitigating systems cornerstone originating in 2Q2017. | and IP 95001 supplemental 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 | Licensee Response | Baseline inspection |
| Quad Cities 1 | Licensee Response | Baseline inspection |
| Quad Cities 2 | Licensee Response | Baseline inspection |

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Region IV

| Reactor Unit | Action Matrix Column | Current Regulatory Oversight |
|---------------------|--|-------------------------------------|
| Arkansas Nuclear 1 | Multiple/Repetitive Degraded Cornerstone ANO Unit 1 is in Column 4 because of a yellow finding in the Initiating Events | Baseline inspection |

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| | 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 Baseline inspection |
| | Multiple/Repetitive Degraded Cornerstone | |
| 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 |
| | Regulatory Response | |
| Columbia Generating Station | Columbia is in Column 2 because of a white finding in the Public Radiation Safety Cornerstone originating in 1Q2017 and a white performance indicator for Unplanned Scrams with Complications originating in 4Q2016. | 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 Baseline inspection |
| | Regulatory Response | |
| Diablo Canyon 2 | Diablo Canyon 2 is in Column 2 because of a white finding in the Mitigating Systems Cornerstone originating in 3Q2016. | and 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 |
| Palo Verde 1 | Licensee Response | Baseline inspection |

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|---------------|---|---|
| Palo Verde 2 | Licensee Response | Baseline inspection |
| Palo Verde 3 | Licensee Response | Baseline inspection |
| River Bend 1 | Licensee Response | Baseline inspection |
| South Texas 1 | Licensee Response | Baseline inspection |
| South Texas 2 | Licensee Response | Baseline inspection |
| Waterford 3 | Licensee Response | Baseline inspection |
| | Regulatory Response | Baseline inspection |
| Wolf Creek 1 | Wolf Creek is in Column 2 because of one or more Greater-than-Green findings in the Security Cornerstone originating in 4Q2017. | and IP 95001 supplemental inspection |



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