

End of Cycle 2006 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

"Yes" in the matrix below indicates that the plant has a open substantive cross-cutting issue in that area based on the most recent mid-cycle or end-of-cycle assessment. Clicking on the "Yes" will take you directly to the assessment letter that describes the issue. "Closed" in the matrix below indicates that the plant had a substantive cross-cutting issue closed based on the last assessment. Clicking on the "Closed" will take you directly to the assessment letter that describes the issue.

Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 2			
Browns Ferry 3			
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway		Yes	
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station		Closed	
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			

Farley 1			
Farley 2			
Fermi 2		Closed	
FitzPatrick			
Fort Calhoun	Yes		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes		
Indian Point 3			
Kewaunee	Yes	Yes	
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			
Oyster Creek	Yes		
Oconee 1			
Oconee 2			
Oconee 3			
Palisades			
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Closed	Closed	
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1			
Prairie Island 2			
Quad Cities 1			
Quad Cities 2			

River Bend 1	Yes	Yes	
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 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		Yes	
Turkey Point 4		Yes	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			



[PI Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 31, 2006

End of Cycle 2006 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 2			
Browns Ferry 3			
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway		Yes	
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station		Closed	
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			
Farley 1			

Farley 2			
Fermi 2		Closed	
FitzPatrick			
Fort Calhoun	Yes		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes		
Indian Point 3			
Kewaunee	Yes	Yes	
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			
Oyster Creek	Yes		
Oconee 1			
Oconee 2			
Oconee 3			
Palisades			
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Closed	Closed	
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1			
Prairie Island 2			
Quad Cities 1			
Quad Cities 2			
River Bend 1	Yes	Yes	
Robinson 2			

Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 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		Yes	
Turkey Point 4		Yes	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			

▲ [PI Summary](#) | [Action Matrix Summary](#) | [Reactor Oversight Process](#)

Last Modified: August 31, 2006

Mid Cycle 2007 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway		Yes	
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			

Farley 1			
Farley 2			
Fermi 2			
FitzPatrick			
Fort Calhoun	Yes		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes		
Indian Point 3			
Kewaunee	Yes	Yes	
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	Closed		
Palisades		Yes	
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1	Yes		
Point Beach 2	Yes		
Prairie Island 1			
Prairie Island 2			
Quad Cities 1	Yes		
Quad Cities 2	Yes		
River Bend 1	Yes	Closed	

Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Yes		
Salem 2	Yes		
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 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		Yes	
Turkey Point 4		Yes	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			

Mid Cycle 2007 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway		Yes	
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			

Farley 1			
Farley 2			
Fermi 2			
FitzPatrick			
Fort Calhoun	Yes		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes		
Indian Point 3			
Kewaunee	Yes	Yes	
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	Closed		
Palisades		Yes	
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1	Yes		
Point Beach 2	Yes		
Prairie Island 1			
Prairie Island 2			
Quad Cities 1	Yes		
Quad Cities 2	Yes		
River Bend 1	Yes	Closed	

Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Yes		
Salem 2	Yes		
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 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		Yes	
Turkey Point 4		Yes	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Sep 10, 2007

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Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway		Yes	
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			

Farley 1			
Farley 2			
Fermi 2			
FitzPatrick			
Fort Calhoun	Yes		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes		
Indian Point 3			
Kewaunee	Yes	Yes	
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	Closed		
Palisades		Yes	
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1	Yes		
Point Beach 2	Yes		
Prairie Island 1			
Prairie Island 2			
Quad Cities 1	Yes		
Quad Cities 2	Yes		
River Bend 1	Yes	Closed	

Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Yes		
Salem 2	Yes		
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 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		Yes	
Turkey Point 4		Yes	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			

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Arkansas Nuclear 2	Yes		
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Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1	Yes		
Byron 2	Yes		
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper	Closed		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			

Farley 1			
Farley 2			
Fermi 2	Yes		
FitzPatrick			
Fort Calhoun	Yes		
Ginna			
Grand Gulf 1	Closed		
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes	Yes	
Indian Point 3	Yes		
Kewaunee	Closed	Closed	
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	Yes		
North Anna 2	Yes		
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Yes		
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1	Yes	Yes	
Point Beach 2	Yes	Yes	
Prairie Island 1			
Prairie Island 2			
Quad Cities 1	Closed		
Quad Cities 2	Closed		
River Bend 1			

Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Closed		
Salem 2	Closed		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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		Closed	
Turkey Point 4		Closed	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Sep 04, 2008

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Braidwood 2			
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Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1	Yes		
Byron 2	Yes		
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper	Closed		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold			
Farley 1			
Farley 2			
Fermi 2	Yes		
FitzPatrick			
Fort Calhoun	Yes		

Ginna			
Grand Gulf 1	Closed		
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Yes	Yes	
Indian Point 3	Yes		
Kewaunee	Closed	Closed	
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	Yes		
North Anna 2	Yes		
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Yes		
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1	Yes	Yes	
Point Beach 2	Yes	Yes	
Prairie Island 1			
Prairie Island 2			
Quad Cities 1	Closed		
Quad Cities 2	Closed		
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Closed		
Salem 2	Closed		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	

Seabrook 1			
Sequoyah 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		Closed	
Turkey Point 4		Closed	
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	

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Arkansas Nuclear 2	Closed		
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Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1	Yes		
Byron 2	Yes		
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper			
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			

Dresden 3			
Duane Arnold			
Farley 1			
Farley 2			
Fermi 2	Closed		
FitzPatrick			
Fort Calhoun	Closed		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Closed	Closed	
Indian Point 3	Closed		
Kewaunee			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
Nine Mile Point 1			
Nine Mile Point 2			
North Anna 1	Closed		
North Anna 2	Closed		
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Yes		
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1	Yes	Yes	
Point Beach 2	Yes	Yes	
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	Yes		
Salem 2	Yes		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	

End of Cycle 2008 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency’s assessment and licensee’s progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1	Closed		
Arkansas Nuclear 2	Closed		
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1	Yes		
Byron 2	Yes		
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper			
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			

Dresden 3			
Duane Arnold			
Farley 1			
Farley 2			
Fermi 2	Closed		
FitzPatrick			
Fort Calhoun	Closed		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Closed	Closed	
Indian Point 3	Closed		
Kewaunee			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
Nine Mile Point 1			
Nine Mile Point 2			
North Anna 1	Closed		
North Anna 2	Closed		
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Yes		
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1	Yes	Yes	
Point Beach 2	Yes	Yes	
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	Yes		
Salem 2	Yes		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	

Mid Cycle 2009 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency’s assessment and licensee’s progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1	Yes		
Braidwood 2	Yes		
Browns Ferry 1		Closed	
Browns Ferry 2		Closed	
Browns Ferry 3		Closed	
Brunswick 1			
Brunswick 2			
Byron 1	Closed		
Byron 2	Closed		
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper			
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
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			
Indian Point 3			
Kewaunee			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
Nine Mile Point 1			
Nine Mile Point 2			
North Anna 1			
North Anna 2			
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Yes		
Palo Verde 1	Closed	Closed	
Palo Verde 2	Closed	Closed	
Palo Verde 3	Closed	Closed	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes	Yes	
Pilgrim 1			
Point Beach 1	Closed	Closed	
Point Beach 2	Closed	Closed	
Prairie Island 1	Yes		
Prairie Island 2	Yes		

Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Yes		
Salem 2	Yes		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Closed	Yes	

End of Cycle 2008 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1	Closed		
Arkansas Nuclear 2	Closed		
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1	Yes		
Byron 2	Yes		
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station			
Comanche Peak 1			
Comanche Peak 2			
Cooper			
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			

Duane Arnold			
Farley 1			
Farley 2			
Fermi 2	Closed		
FitzPatrick			
Fort Calhoun	Closed		
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2	Closed	Closed	
Indian Point 3	Closed		
Kewaunee			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
Nine Mile Point 1			
Nine Mile Point 2			
North Anna 1	Closed		
North Anna 2	Closed		
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Yes		
Palo Verde 1	Yes	Yes	
Palo Verde 2	Yes	Yes	
Palo Verde 3	Yes	Yes	
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1	Yes	Yes	
Point Beach 2	Yes	Yes	
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	Yes		
Salem 2	Yes		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	

End of Cycle 2009 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1	Yes		
Braidwood 2	Yes		
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
Dresden 2	Yes		
Dresden 3	Yes		

Duane Arnold			
Farley 1	Yes		
Farley 2	Yes		
Fermi 2			
FitzPatrick			
Fort Calhoun			
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2			
Indian Point 3			
Kewaunee			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Closed		
Nine Mile Point 1			
Nine Mile Point 2			
North Anna 1			
North Anna 2			
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Closed		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes	Yes	
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Closed		
Salem 2	Closed		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1		Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Mar 04, 2010

End of Cycle 2009 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1	Yes		
Braidwood 2	Yes		
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
Dresden 2	Yes		
Dresden 3	Yes		

Duane Arnold			
Farley 1	Yes		
Farley 2	Yes		
Fermi 2			
FitzPatrick			
Fort Calhoun			
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2			
Indian Point 3			
Kewaunee			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Closed		
Nine Mile Point 1			
Nine Mile Point 2			
North Anna 1			
North Anna 2			
Oconee 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Closed		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes	Yes	
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1	Closed		
Salem 2	Closed		
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1		Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Mid Cycle 2010 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1	Closed		
Braidwood 2	Closed		
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
Dresden 2	Closed		
Dresden 3	Closed		

Duane Arnold			
Farley 1	Yes		
Farley 2	Yes		
Fermi 2			
FitzPatrick			
Fort Calhoun			
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2			
Indian Point 3			
Kewaunee			
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	Yes	Closed	
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1		Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Sep 03, 2010

Mid Cycle 2010 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1	Closed		
Braidwood 2	Closed		
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
Dresden 2	Closed		
Dresden 3	Closed		

Duane Arnold			
Farley 1	Yes		
Farley 2	Yes		
Fermi 2			
FitzPatrick			
Fort Calhoun			
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2			
Indian Point 3			
Kewaunee			
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	Yes	Closed	
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Yes	Yes	
San Onofre 3	Yes	Yes	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1		Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Sep 03, 2010

End of Cycle 2010 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
Dresden 2			
Dresden 3			

Duane Arnold			
Farley 1	Closed		
Farley 2	Closed		
Fermi 2			
FitzPatrick			
Fort Calhoun			
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2			
Indian Point 3			
Kewaunee			
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	Yes		
Oconee 2	Yes		
Oconee 3	Yes		
Oyster Creek			
Palisades			
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Closed		
Prairie Island 2	Closed		
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2	Yes		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Yes	Closed	
San Onofre 3	Yes	Closed	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

End of Cycle 2010 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
Dresden 2			
Dresden 3			

Duane Arnold			
Farley 1	Closed		
Farley 2	Closed		
Fermi 2			
FitzPatrick			
Fort Calhoun			
Ginna			
Grand Gulf 1			
Harris 1			
Hatch 1			
Hatch 2			
Hope Creek 1			
Indian Point 2			
Indian Point 3			
Kewaunee			
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	Yes		
Oconee 2	Yes		
Oconee 3	Yes		
Oyster Creek			
Palisades			
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Closed		
Prairie Island 2	Closed		
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2	Yes		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Yes	Closed	
San Onofre 3	Yes	Closed	
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Mid Cycle 2011 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
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			
Indian Point 3			
Kewaunee			
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	Yes		
Oconee 2	Yes		
Oconee 3	Yes		
Oyster Creek			
Palisades			
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1			
Prairie Island 2			
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2	Yes		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Yes		
San Onofre 3	Yes		
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1		Yes	
Susquehanna 2		Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Sep 06, 2011

Mid Cycle 2011 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
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	Yes		
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1		Yes	
Diablo Canyon 2		Yes	
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			
Indian Point 3			
Kewaunee			
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	Yes		
Oconee 2	Yes		
Oconee 3	Yes		
Oyster Creek			
Palisades			
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1			
Prairie Island 2			
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2	Yes		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Yes		
San Onofre 3	Yes		
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1		Yes	
Susquehanna 2		Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Sep 06, 2011

End of Cycle 2011 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station	Yes		
Comanche Peak 1			
Comanche Peak 2			
Cooper	Closed	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse	Yes		
Diablo Canyon 1		Closed	
Diablo Canyon 2		Closed	
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			
Indian Point 3			
Kewaunee			
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	Closed		
Oconee 2	Closed		
Oconee 3	Closed		
Oyster Creek			
Palisades	Yes		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1			
Prairie Island 2			
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2	Yes		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Closed		
San Onofre 3	Closed		
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1	Yes	Yes	
Susquehanna 2	Yes	Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Mar 07, 2012

End of Cycle 2011 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station	Yes		
Comanche Peak 1			
Comanche Peak 2			
Cooper	Closed	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse	Yes		
Diablo Canyon 1		Closed	
Diablo Canyon 2		Closed	
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			
Indian Point 3			
Kewaunee			
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	Closed		
Oconee 2	Closed		
Oconee 3	Closed		
Oyster Creek			
Palisades	Yes		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Yes		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1			
Prairie Island 2			
Quad Cities 1			
Quad Cities 2			

River Bend 1			
Robinson 2	Yes		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2	Closed		
San Onofre 3	Closed		
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1	Yes	Yes	
Susquehanna 2	Yes	Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Mar 07, 2012

Mid Cycle 2012 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 2	Yes		
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station	Yes		
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse	Closed		
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			
Indian Point 3			
Kewaunee			
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	Yes		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1	Closed		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		

Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2	Closed		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1	Yes	Yes	
Susquehanna 2	Yes	Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Mid Cycle 2012 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1	Yes		
Arkansas Nuclear 2	Yes		
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1		Yes	
Browns Ferry 2		Yes	
Browns Ferry 3		Yes	
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station	Yes		
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			

Davis-Besse	Closed		
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			
Indian Point 3			
Kewaunee			
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	Yes		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			

Peach Bottom 2			
Peach Bottom 3			
Perry 1	Closed		
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2	Closed		
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1	Yes	Yes	
Susquehanna 2	Yes	Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



Last Modified: Sep 06, 2012

End of Cycle 2012 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1	Closed		
Arkansas Nuclear 2	Closed		
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1	Yes	Yes	
Browns Ferry 2	Yes	Yes	
Browns Ferry 3	Yes	Yes	
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station	Closed		
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			

US NRC Reactor Oversight Process - Substantive Cross Cutting Issues Summary

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			
Indian Point 3			
Kewaunee			
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	Yes		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			
Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		

US NRC Reactor Oversight Process - Substantive Cross Cutting Issues Summary

Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1	Closed	Yes	
Susquehanna 2	Closed	Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Last Modified: Mar 05, 2013

End of Cycle 2012 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1	Closed		
Arkansas Nuclear 2	Closed		
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1	Yes	Yes	
Browns Ferry 2	Yes	Yes	
Browns Ferry 3	Yes	Yes	
Brunswick 1			
Brunswick 2			
Byron 1			
Byron 2			
Callaway			
Calvert Cliffs 1			
Calvert Cliffs 2			
Catawba 1			
Catawba 2			
Clinton			
Columbia Generating Station	Closed		
Comanche Peak 1			
Comanche Peak 2			
Cooper	Yes	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			

Davis-Besse			
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			
Indian Point 3			
Kewaunee			
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	Yes		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			

Peach Bottom 2			
Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1	Closed	Yes	
Susquehanna 2	Closed	Yes	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Yes	Yes	



Last Modified: Mar 05, 2013

Mid Cycle 2013 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

"Yes" in the matrix below indicates that the plant has a open substantive cross-cutting issue in that area based on the most recent mid-cycle or end-of-cycle assessment. Clicking on the "Yes" will take you directly to the assessment letter that describes the issue. "Closed" in the matrix below indicates that the plant had a substantive cross-cutting issue closed based on the last assessment. Clicking on the "Closed" will take you directly to the assessment letter that describes the issue.

Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1	Yes	Closed	
Browns Ferry 2	Yes	Closed	
Browns Ferry 3	Yes	Closed	
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	Yes	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			

Davis-Besse			
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			
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 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Closed		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			

Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Closed		
Prairie Island 2	Closed		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1		Closed	
Susquehanna 2		Closed	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Closed	Closed	



Last Modified: Sep 05, 2013

Mid Cycle 2013 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1	Yes	Closed	
Browns Ferry 2	Yes	Closed	
Browns Ferry 3	Yes	Closed	
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	Yes	Yes	
Crystal River 3			
D.C. Cook 1			
D.C. Cook 2			

Davis-Besse			
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			
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 1			
Oconee 2			
Oconee 3			
Oyster Creek			
Palisades	Closed		
Palo Verde 1			
Palo Verde 2			
Palo Verde 3			
Peach Bottom 2			

Peach Bottom 3			
Perry 1			
Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Closed		
Prairie Island 2	Closed		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
San Onofre 2			
San Onofre 3			
Seabrook 1			
Sequoyah 1			
Sequoyah 2			
South Texas 1			
South Texas 2			
Summer			
Surry 1			
Surry 2			
Susquehanna 1		Closed	
Susquehanna 2		Closed	
Three Mile Island 1			
Turkey Point 3			
Turkey Point 4			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1	Closed	Closed	

Last Modified: Sep 05, 2013

End of Cycle 2013 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1	Closed		
Browns Ferry 2	Closed		
Browns Ferry 3	Closed		
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	Closed	Closed	
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			

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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
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			
Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

End of Cycle 2013 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
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Braidwood 2			
Browns Ferry 1	Closed		
Browns Ferry 2	Closed		
Browns Ferry 3	Closed		
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	Closed	Closed	
D.C. Cook 1			
D.C. Cook 2			
Davis-Besse			

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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
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			
Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			



[PI Summary](#) [Action Matrix Summary](#) [Reactor Oversight Process](#)

Mid Cycle 2014 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			

US NRC Reactor Oversight Process - Substantive Cross Cutting Issues Summary

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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
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			

Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			



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Mid Cycle 2014 ROP Substantive Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			

US NRC Reactor Oversight Process - Substantive Cross Cutting Issues Summary

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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
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			

Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vermont Yankee			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			



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End of Cycle 2014 ROP Substantive Cross Cutting Issues Summary

The NRC evaluates whether a substantive cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a substantive cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific substantive cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			

US NRC Reactor Oversight Process - Substantive Cross Cutting Issues Summary

Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold	Yes		
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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
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			

Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			

End of Cycle 2014 ROP Substantive Cross Cutting Issues Summary

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Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			

Diablo Canyon 2			
Dresden 2			
Dresden 3			
Duane Arnold	Yes		
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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Yes		
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			

Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Yes		
Prairie Island 2	Yes		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			


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Mid Cycle 2015 ROP Cross Cutting Issues Summary

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Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			

US NRC Reactor Oversight Process - Cross Cutting Issues Summary

Dresden 2			
Dresden 3			
Duane Arnold	Yes		
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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Closed		
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			

Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Closed		
Prairie Island 2	Closed		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			

Mid Cycle 2015 ROP Cross Cutting Issues Summary

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Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
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Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			

US NRC Reactor Oversight Process - Cross Cutting Issues Summary

Dresden 2			
Dresden 3			
Duane Arnold	Yes		
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			
Indian Point 3			
La Salle 1			
La Salle 2			
Limerick 1			
Limerick 2			
McGuire 1			
McGuire 2			
Millstone 2			
Millstone 3			
Monticello	Closed		
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			

Pilgrim 1			
Point Beach 1			
Point Beach 2			
Prairie Island 1	Closed		
Prairie Island 2	Closed		
Quad Cities 1			
Quad Cities 2			
River Bend 1			
Robinson 2			
Saint Lucie 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Wolf Creek 1			


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End of Cycle 2015 ROP Cross Cutting Issues Summary

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Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			

US NRC Reactor Oversight Process - Cross Cutting Issues Summary

Dresden 2			
Dresden 3			
Duane Arnold	Closed		
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			
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 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			

Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Watts Bar 2			
Wolf Creek 1			



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End of Cycle 2015 ROP Cross Cutting Issues Summary

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Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			

US NRC Reactor Oversight Process - Cross Cutting Issues Summary

Dresden 2			
Dresden 3			
Duane Arnold	Closed		
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			
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 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			

Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Watts Bar 2			
Wolf Creek 1			



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Cross Cutting Issues



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Mid Cycle 2016

Plants	Human Performance	Problem Identification and Resolution	Safety-Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2	Yes		
Browns Ferry 3			
Brunswick 1		Closed	
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			
Davis-Besse			
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			
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 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			
Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Watts Bar 2			
Wolf Creek 1			

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Mid Cycle 2016 ROP Cross Cutting Issues Summary

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Arkansas Nuclear 2			
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Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			
Dresden 2			
Dresden 3			

Duane Arnold			
Farley 1			
Farley 2			
Fermi 2			
FitzPatrick			
Ginna			
Grand Gulf 1			
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			
Perry 1			
Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Watts Bar 2			
Wolf Creek 1			

End of Cycle 2015 ROP Cross Cutting Issues Summary

The NRC evaluates whether a cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

"Yes" in the matrix below indicates that the plant has a open cross-cutting issue in that area based on the most recent mid-cycle or end-of-cycle assessment. Clicking on the "Yes" will take you directly to the assessment letter that describes the issue. "Closed" in the matrix below indicates that the plant had a cross-cutting issue closed based on the last assessment. Clicking on the "Closed" will take you directly to the assessment letter that describes the issue.

Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			

US NRC Reactor Oversight Process - Cross Cutting Issues Summary

Dresden 2			
Dresden 3			
Duane Arnold	Closed		
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			
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 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			

Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Watts Bar 2			
Wolf Creek 1			



[PI Summary](#)
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Last Modified: Mar 02, 2016

Mid Cycle 2016 ROP Cross Cutting Issues Summary

The NRC evaluates whether a cross-cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with [IMC 0305](#). If the NRC determines that a cross-cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific cross-cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

?Yes? in the matrix below indicates that the plant has a open cross-cutting issue in that area based on the most recent mid-cycle or end-of-cycle assessment. Clicking on the ?Yes? will take you directly to the assessment letter that describes the issue. "Closed" in the matrix below indicates that the plant had a cross-cutting issue closed based on the last assessment. Clicking on the "Closed" will take you directly to the assessment letter that describes the issue.

Plants	Human Performance	Problem Identification and Resolution	Safety Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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			
Davis-Besse			
Diablo Canyon 1			
Diablo Canyon 2			

Dresden 2			
Dresden 3			
Duane Arnold			
Farley 1			
Farley 2			
Fermi 2			
FitzPatrick			
Ginna			
Grand Gulf 1			
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			
Perry 1			
Pilgrim 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 1			
Saint Lucie 2			
Salem 1			
Salem 2			
Seabrook 1			
Sequoyah 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			
Vogtle 1			
Vogtle 2			
Waterford 3			
Watts Bar 1			
Watts Bar 2			
Wolf Creek 1			


[PI Summary](#)
[Action Matrix Summary](#)
[Reactor Oversight Process](#)

Last Modified: Jan 23, 2017



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Cross Cutting Issues



The NRC evaluates whether a cross cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with IMC 0305. If the NRC determines that a cross cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific cross cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

"Yes" in the matrix below indicates that the plant has an open cross cutting issue in that area based on the most recent mid-cycle or end-of-cycle assessment. Clicking on the "Yes" will take you directly to the assessment letter that describes the issue. "Closed" in the matrix below indicates that the plant had a cross cutting issue closed based on the last assessment. Clicking on the "Closed" will take you directly to the assessment letter that describes the issue.

Mid Cycle 2017

Plants	Human Performance	Problem Identification and Resolution	Safety-Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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
Davis-Besse
Diablo Canyon 1
Diablo Canyon 2
Dresden 2
Dresden 3
Duane Arnold
Farley 1
Farley 2
Fermi 2
FitzPatrick
Ginna
Grand Gulf 1
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
Perry 1
Pilgrim 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 1
Saint Lucie 2
Salem 1
Salem 2
Seabrook 1
Sequoyah 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
Vogtle 1
Vogtle 2
Waterford 3
Watts Bar 1
Watts Bar 2
Wolf Creek 1



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Cross Cutting Issues



The NRC evaluates whether a cross cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with IMC 0305. If the NRC determines that a cross cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific cross cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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Mid Cycle 2017

Plants	Human Performance	Problem Identification and Resolution	Safety-Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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
Davis-Besse
Diablo Canyon 1
Diablo Canyon 2
Dresden 2
Dresden 3
Duane Arnold
Farley 1
Farley 2
Fermi 2
FitzPatrick
Ginna
Grand Gulf 1
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
Perry 1
Pilgrim 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 1
Saint Lucie 2
Salem 1
Salem 2
Seabrook 1
Sequoyah 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
Vogtle 1
Vogtle 2
Waterford 3
Watts Bar 1
Watts Bar 2
Wolf Creek 1



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Cross Cutting Issues



The NRC evaluates whether a cross cutting issue exists at each operating reactor twice a year; during the mid-cycle and end-of-cycle assessment meetings in accordance with IMC 0305. If the NRC determines that a cross cutting issue exists at a given plant, the resultant mid-cycle and end-of-cycle assessment letters summarize the specific cross cutting issue to include the necessary actions to resolve the issue. The next mid-cycle or annual assessment letter will either state that the issue has been satisfactorily resolved or summarize the agency's assessment and licensee's progress in addressing the issue.

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End of Cycle 2017

Plants	Human Performance	Problem Identification and Resolution	Safety-Conscious Work Environment
Arkansas Nuclear 1			
Arkansas Nuclear 2			
Beaver Valley 1			
Beaver Valley 2			
Braidwood 1			
Braidwood 2			
Browns Ferry 1			
Browns Ferry 2			
Browns Ferry 3			
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
Davis-Besse
Diablo Canyon 1
Diablo Canyon 2
Dresden 2
Dresden 3
Duane Arnold
Farley 1
Farley 2
Fermi 2
FitzPatrick
Ginna
Grand Gulf 1
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
Perry 1
Pilgrim 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 1
Saint Lucie 2
Salem 1
Salem 2
Seabrook 1
Sequoyah 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
Vogtle 1
Vogtle 2
Waterford 3
Watts Bar 1
Watts Bar 2
Wolf Creek 1



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