

## End of 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.

"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 |
|---|-------------------|---------------------------------------|-----------------------------------|
| <a href="#">Arkansas Nuclear 1</a>          |                   |                                       |                                   |
| <a href="#">Arkansas Nuclear 2</a>          |                   |                                       |                                   |
| <a href="#">Beaver Valley 1</a>             |                   |                                       |                                   |
| <a href="#">Beaver Valley 2</a>             |                   |                                       |                                   |
| <a href="#">Braidwood 1</a>                 | Yes               |                                       |                                   |
| <a href="#">Braidwood 2</a>                 | Yes               |                                       |                                   |
| <a href="#">Browns Ferry 1</a>              |                   | Yes                                   |                                   |
| <a href="#">Browns Ferry 2</a>              |                   | Yes                                   |                                   |
| <a href="#">Browns Ferry 3</a>              |                   | Yes                                   |                                   |
| <a href="#">Brunswick 1</a>                 |                   |                                       |                                   |
| <a href="#">Brunswick 2</a>                 |                   |                                       |                                   |
| <a href="#">Byron 1</a>                     |                   |                                       |                                   |
| <a href="#">Byron 2</a>                     |                   |                                       |                                   |
| <a href="#">Callaway</a>                    |                   |                                       |                                   |
| <a href="#">Calvert Cliffs 1</a>            |                   |                                       |                                   |
| <a href="#">Calvert Cliffs 2</a>            |                   |                                       |                                   |
| <a href="#">Catawba 1</a>                   |                   |                                       |                                   |
| <a href="#">Catawba 2</a>                   |                   |                                       |                                   |
| <a href="#">Clinton</a>                     |                   |                                       |                                   |
| <a href="#">Columbia Generating Station</a> |                   |                                       |                                   |
| <a href="#">Comanche Peak 1</a>             |                   |                                       |                                   |
| <a href="#">Comanche Peak 2</a>             |                   |                                       |                                   |
| <a href="#">Cooper</a>                      | Yes               |                                       |                                   |
| <a href="#">Crystal River 3</a>             |                   |                                       |                                   |
| <a href="#">D.C. Cook 1</a>                 |                   |                                       |                                   |
| <a href="#">D.C. Cook 2</a>                 |                   |                                       |                                   |
| <a href="#">Davis-Besse</a>                 |                   |                                       |                                   |
| <a href="#">Diablo Canyon 1</a>             |                   | Yes                                   |                                   |
| <a href="#">Diablo Canyon 2</a>             |                   | Yes                                   |                                   |
| <a href="#">Dresden 2</a>                   | Yes               |                                       |                                   |
| <a href="#">Dresden 3</a>                   | Yes               |                                       |                                   |

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

|                                     |               |            |  |
|-------------------------------------|---------------|------------|--|
| <a href="#">River Bend 1</a>        |               |            |  |
| <a href="#">Robinson 2</a>          |               |            |  |
| <a href="#">Saint Lucie 1</a>       |               |            |  |
| <a href="#">Saint Lucie 2</a>       |               |            |  |
| <a href="#">Salem 1</a>             | <b>Closed</b> |            |  |
| <a href="#">Salem 2</a>             | <b>Closed</b> |            |  |
| <a href="#">San Onofre 2</a>        | <b>Yes</b>    | <b>Yes</b> |  |
| <a href="#">San Onofre 3</a>        | <b>Yes</b>    | <b>Yes</b> |  |
| <a href="#">Seabrook 1</a>          |               |            |  |
| <a href="#">Sequoyah 1</a>          |               |            |  |
| <a href="#">Sequoyah 2</a>          |               |            |  |
| <a href="#">South Texas 1</a>       |               |            |  |
| <a href="#">South Texas 2</a>       |               |            |  |
| <a href="#">Summer</a>              |               |            |  |
| <a href="#">Surry 1</a>             |               |            |  |
| <a href="#">Surry 2</a>             |               |            |  |
| <a href="#">Susquehanna 1</a>       |               |            |  |
| <a href="#">Susquehanna 2</a>       |               |            |  |
| <a href="#">Three Mile Island 1</a> |               |            |  |
| <a href="#">Turkey Point 3</a>      |               |            |  |
| <a href="#">Turkey Point 4</a>      |               |            |  |
| <a href="#">Vermont Yankee</a>      |               |            |  |
| <a href="#">Vogtle 1</a>            |               |            |  |
| <a href="#">Vogtle 2</a>            |               |            |  |
| <a href="#">Waterford 3</a>         |               |            |  |
| <a href="#">Watts Bar 1</a>         |               |            |  |
| <a href="#">Wolf Creek 1</a>        |               | <b>Yes</b> |  |