

### 4Q/2013 ROP Performance Indicators Summary

Fort Calhoun was shut down in April 2011 and subsequently commenced power operation in December 2013. Mitigating Systems Performance Index (MSPI) performance indicators (PIs) are heavily influenced by the operational status of the reactor, NRC staff has evaluated the validity of these PIs. The MSPI values can become skewed because of the low number of critical hours during the assessment period (3 years) of the PI. For these reasons, the staff has determined that these PIs currently do not provide valid indications of performance. The low critical hours are also causing other indicators at this site to be invalid, in accordance with NEI 99-02. San Onofre 2 and 3 have ceased reporting data because of transition to decommissioning phase.

Plants	IE 01	IE 03	IE 04	MS 05	MS 06	MS 07	MS 08	MS 09	MS 10	BI 01	BI 02	EP 01	EP 02	EP 03	OR 01	PR 01	PP 01
<a href="#">Arkansas Nuclear 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Arkansas Nuclear 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Beaver Valley 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Beaver Valley 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Braidwood 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Braidwood 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Browns Ferry 1</a>	G	G	G	G	W	W	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Browns Ferry 2</a>	G	G	G	G	W	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Browns Ferry 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Brunswick 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Brunswick 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Byron 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Byron 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Callaway</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Calvert Cliffs 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Calvert Cliffs 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Catawba 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Catawba 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Clinton</a>	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Columbia Generating Station</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

US NRC Reactor Oversight Process -- PI Summary

<a href="#">Comanche Peak 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Comanche Peak 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Cooper</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">D.C. Cook 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">D.C. Cook 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Davis-Besse</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Diablo Canyon 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Diablo Canyon 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Dresden 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Dresden 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Duane Arnold</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Farley 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Farley 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Fermi 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">FitzPatrick</a>	G	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Fort Calhoun</a>	N	N	G	W	N	N	N	N	N	G	G	G	G	G	G	G	G
<a href="#">Ginna</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Grand Gulf 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Harris 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Hatch 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	U	G	G	G	G
<a href="#">Hatch 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	U	G	G	G	G
<a href="#">Hope Creek 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Indian Point 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Indian Point 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">La Salle 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">La Salle 2</a>	G	G	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Limerick 1</a>																	

US NRC Reactor Oversight Process -- PI Summary

	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Limerick 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">McGuire 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">McGuire 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Millstone 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Millstone 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Monticello</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Nine Mile Point 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Nine Mile Point 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">North Anna 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">North Anna 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Oconee 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Oconee 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Oconee 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Oyster Creek</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Palisades</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Palo Verde 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Palo Verde 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Palo Verde 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Peach Bottom 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Peach Bottom 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Perry 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Pilgrim 1</a>	W	G	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Point Beach 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Point Beach 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Prairie Island 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Prairie Island 2</a>																	

US NRC Reactor Oversight Process -- PI Summary

	G	G	G	G	G	G	G	G	G	N	G	G	G	G	G	G	G
<a href="#">Quad Cities 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Quad Cities 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">River Bend 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Robinson 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Saint Lucie 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Saint Lucie 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Salem 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Salem 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">San Onofre 2</a>	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<a href="#">San Onofre 3</a>	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
<a href="#">Seabrook 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Sequoyah 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Sequoyah 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">South Texas 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">South Texas 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Summer</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Surry 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Surry 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Susquehanna 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Susquehanna 2</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Three Mile Island 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Turkey Point 3</a>	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Turkey Point 4</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Vermont Yankee</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Vogtle 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Vogtle 2</a>																	

# US NRC Reactor Oversight Process -- PI Summary

	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Waterford 3</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Watts Bar 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
<a href="#">Wolf Creek 1</a>	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

Legend: R=Red W=White CTC=Greater Than Green I=Insufficient Data to Calculate PI U=Unique Design  
 Y=Yellow G=Green T=Thresholds under development N=Not Applicable D=Discrepant

IE01 = Unplanned Scrams per 7000 Critical Hours  
 IE03 = Unplanned Power Changes  
 MS06 = Emergency AC Power System  
 MS08 = Heat Removal System  
 MS10 = Cooling Water Systems  
 BI02 = Reactor Coolant System Leak  
 EP02 = ERD Drill Participation  
 OR01 = Occupational Exposure Control Effectiveness  
 IE04 = Unplanned Scrams with Complications

MS05 = Safety System Functional Failures  
 MS07 = High Pressure Injection System  
 MS09 = Residual Heat Removal System  
 BI01 = Reactor Coolant System Specific Activity  
 EP01 = Drill/Exercise Performance  
 EP03 = Alert and Notification System  
 PR01 = RETS/ODCM Radiological Effluent  
 PP01 = Protected Area Equipment

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

Last modified : January 22, 2014