

2Q/2013 ROP Performance Indicators Summary

Fort Calhoun has been shut down since April 2011, and San Onofre, Units 2 and 3, have been shut down since January 2012. Because the Unplanned Scrams with Complications (USwC) and 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. Because the Fort Calhoun and San Onofre reactors have not been critical for at least six months, there have been no recent opportunities for a scram that would count in the USwC indicator. Similarly, the MSPI values can become skewed because of the very low number of critical hours. For these reasons, the staff has determined that these PIs no longer provide valid indications of performance. The shutdown conditions are also causing other indicators at these sites to be invalid, in accordance with NEI 99-02. The NRC and NEI are discussing generic PI validity criteria during the public ROP working group meetings. Crystal River has 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
Arkansas Nuclear 1	G	G	G	G	G	G	G	G	G	N	N	G	G	G	G	G	G
Arkansas Nuclear 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Beaver Valley 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Beaver Valley 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Braidwood 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Braidwood 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Browns Ferry 1	G	G	G	G	W	W	G	G	G	G	G	G	G	G	G	G	G
Browns Ferry 2	G	G	G	G	W	G	G	G	G	G	G	G	G	G	G	G	G
Browns Ferry 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Brunswick 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Brunswick 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Byron 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Byron 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Callaway	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Calvert Cliffs 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Calvert Cliffs 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Catawba 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Catawba 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Clinton																	

US NRC Reactor Oversight Process -- PI Summary

	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Columbia Generating Station	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Comanche Peak 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Comanche Peak 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Cooper	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Crystal River 3	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I	I
D.C. Cook 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
D.C. Cook 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Davis-Besse	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Diablo Canyon 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Diablo Canyon 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Dresden 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Dresden 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Duane Arnold	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Farley 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Farley 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Fermi 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
FitzPatrick	G	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Fort Calhoun	N	N	N	W	N	N	N	N	N	N	N	G	G	G	G	G	G
Ginna	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Grand Gulf 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Harris 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Hatch 1	G	G	G	G	G	G	G	G	G	G	G	G	G	U	G	G	G
Hatch 2	G	G	G	G	G	G	G	G	G	G	G	G	G	U	G	G	G
Hope Creek 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Indian Point 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Indian Point 3																	

US NRC Reactor Oversight Process -- PI Summary

	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
La Salle 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
La Salle 2	G	G	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Limerick 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Limerick 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
McGuire 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
McGuire 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Millstone 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Millstone 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Monticello	G	G	G	G	G	G	G	G	G	N	N	G	G	G	G	G	G
Nine Mile Point 1	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Nine Mile Point 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
North Anna 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
North Anna 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Oconee 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Oconee 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Oconee 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Oyster Creek	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Palisades	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Palo Verde 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Palo Verde 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Palo Verde 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Peach Bottom 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Peach Bottom 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Perry 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Pilgrim 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Point Beach 1																	

US NRC Reactor Oversight Process -- PI Summary

	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Point Beach 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Prairie Island 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Prairie Island 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Quad Cities 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Quad Cities 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
River Bend 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Robinson 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Saint Lucie 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Saint Lucie 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Salem 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Salem 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
San Onofre 2	N	N	N	G	N	N	N	N	N	N	N	G	G	G	G	G	G
San Onofre 3	N	N	N	G	N	N	N	N	N	N	N	G	G	G	G	G	G
Seabrook 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Sequoyah 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Sequoyah 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
South Texas 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
South Texas 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Summer	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Surry 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Surry 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Susquehanna 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Susquehanna 2	G	G	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Three Mile Island 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Turkey Point 3	W	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Turkey Point 4																	

	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Vermont Yankee	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Vogtle 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Vogtle 2	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Waterford 3	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Watts Bar 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G
Wolf Creek 1	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G	G

Legend: R=Red W=White GTC=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 MS05 = Safety System Functional Failures
 IE03 = Unplanned Power Changes MS07 = High Pressure Injection System
 MS06 = Emergency AC Power System MS09 = Residual Heat Removal System
 MS08 = Heat Removal System BI01 = Reactor Coolant System Specific Activity
 MS10 = Cooling Water Systems EP01 = Drill/Exercise Performance
 BI02 = Reactor Coolant System Leak EP03 = Alert and Notification System
 EP02 = ERD Drill Participation PR01 = RETS/ODCM Radiological Effluent
 OR01 = Occupational Exposure Control Effectiveness PP01 = Protected Area Equipment
 IE04 = Unplanned Scrams with Complications

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