

Facility: PRAIRIE ISLAND Date of Exam: AUGUST 2014 Scenario Numbers: 1 / 2 / 3 / 4 / 5 Operating Test No.: PI-ILT-NRC-14					
QUALITATIVE ATTRIBUTES		Initials			
		a	b*	c#	
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.	SOI	LOW	MEB ^{PLB}	
2.	The scenarios consist mostly of related events.	SOI	LOW	MEB ^{PLB}	
3.	Each event description consists of <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) that are entered to initiate the event the symptoms/cues that will be visible to the crew the expected operator actions (by shift position) the event termination point (if applicable) 	SOI	LOW	MEB ^{PLB}	
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.	SOI	LOW	MEB ^{PLB}	
5.	The events are valid with regard to physics and thermodynamics.	SOI	LOW	MEB ^{PLB}	
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	SOI	LOW	MEB ^{PLB}	
7.	If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given.	SOI	LOW	MEB ^{PLB}	
8.	The simulator modeling is not altered.	SOI	LOW	MEB ^{PLB}	
9.	The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	SOI	LOW	MEB ^{PLB}	
10.	Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301.	SOI	LOW	MEB ^{PLB}	
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	SOI	LOW	MEB ^{PLB}	
12.	Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios).	SOI	LOW	MEB ^{PLB}	
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	SOI	LOW	MEB ^{PLB}	
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes			
		SEG # 1 / 2 / 3 / 4 / 5			
1.	Total malfunctions (5-8)	5 / 6 / 5 / 5 / 5	SOI	LOW	MEB ^{PLB}
2.	Malfunctions after EOP entry (1-2)	2 / 3 / 1 / 3 / 2	SOI	LOW	MEB ^{PLB}
3.	Abnormal events (2-4)	2 / 3 / 2 / 2 / 4	SOI	LOW	MEB ^{PLB}
4.	Major transients (1-2)	1 / 1 / 1 / 1 / 1	SOI	LOW	MEB ^{PLB}
5.	EOPs entered/requiring substantive actions (1-2)	2 / 2 / 3 / 2 / 2	SOI	LOW	MEB ^{PLB}
6.	EOP contingencies requiring substantive actions (0-2)	0 / 0 / 1 / 1 / 0	SOI	LOW	MEB ^{PLB}
7.	Critical tasks (2-3)	2 / 2 / 2 / 4 / 4	SOI	LOW	MEB ^{PLB}