

Facility: Byron		Date of Exam: 04/29/2013		Scenario Numbers: 1 / 2 / 3 Operating Test Number: 2013301			
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.	WPH	RE	JM			
2.	The scenarios consist mostly of related events.	WPH	RE	JM			
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) 	WPH	RE	JM			
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.	WPH	RE	JM			
5.	The events are valid with regard to physics and thermodynamics.	WPH	RE	JM			
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	WPH	RE	JM			
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.	WPH	RE	JM			
8.	The simulator modeling is not altered.	WPH	RE	JM			
9.	The scenarios have been validated. Pursuant to 10CFR55.46(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.	WPH	RE	JM			
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.	WPH	RE	JM			
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	WPH	RE	JM			
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).	WPH	RE	JM			
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	WPH	RE	JM			
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		--	--	--	
1.	Total malfunctions (5-8)	5	15	5	WPH	RE	JM
2.	Malfunctions after EOP entry (1-2)	1	1	1	WPH	RE	JM
3.	Abnormal events (2-4)	5	14	5	WPH	RE	JM
4.	Major transients (1-2)	1	1	1	WPH	RE	JM
5.	EOPs entered/requiring substantive actions (1-2)	1	1	1	WPH	RE	JM
6.	EOP contingencies requiring substantive actions (0-2)	0	1	1	WPH	RE	JM
7.	Critical tasks (2-3)	2	13	2	WPH	RE	JM