

Facility: PALISADES NUCLEAR PLANT    Date of Exam: 2/13 - 2/20 2017    Scenario Numbers: 1 / 2 / 3    Operating Test No.: NRC-301					
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.	RoB	BAB	RW	
2.	The scenarios consist mostly of related events.	RoB	BAB	RW	
3.	Each event description consists of <ul style="list-style-type: none"> <li>the point in the scenario when it is to be initiated</li> <li>the malfunction(s) or conditions that are entered to initiate the event</li> <li>the symptoms/cues that will be visible to the crew</li> <li>the expected operator actions (by shift position)</li> <li>the event termination point (if applicable)</li> </ul>	RoB	BAB	RW	
4.	The events are valid with regard to physics and thermodynamics.	RoB	BAB	RW	
5.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	RoB	BAB	RW	
6.	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.	RoB	BAB	RW	
7.	The simulator modeling is not altered.	RoB	BAB	RW	
8.	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.	RoB	BAB	RW	
9.	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.	RoB	BAB	RW	
10.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	RoB	BAB	RW	
11.	The scenario set provides the opportunity for each applicant to be evaluated in each of the applicable rating factors. (Competency Rating factors as described on forms ES-303-1 and ES-303-3.)	RoB	BAB	RW	
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).	RoB	BAB	RW	
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	RoB	BAB	RW	
<b>Target Quantitative Attributes (Per Scenario; See Section D.5.d)</b>		Actual Attributes			
1.	Malfunctions after EOP entry (1-2)	1 / 2 / 2/2	RoB	BAB	RW
2.	Abnormal events (2-4)	2 / 4 / 2/4	RoB	BAB	RW
3.	Major transients (1-2)	1 / 1 / 1/1	RoB	BAB	RW
4.	EOPs entered/requiring substantive actions (1-2)	2 / 2 / 2/2	RoB	BAB	RW
5.	EOP contingencies requiring substantive actions (0-2)	0 / 0 / 1/0	RoB	BAB	RW
6.	EOP based Critical tasks (2-3)	4 / 3 / 3/2	RoB	BAB	RW
NOTE:    * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. ** Operating Test Developed as part of Examiner Qualification.		3			