

Facility: <b>Fermi 2</b>		Date of Exam: <b>2/26/2018</b>		Scenario Numbers: <b>1 / 2 / 3</b>		Operating Test No.: <b>2018-1</b>	
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.		SMS	SM	CM		
2.	The scenarios consist mostly of related events.		SMS	SM	CM		
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>		SMS	SM	CM		
4.	The events are valid with regard to physics and thermodynamics.		SMS	SM	CM		
5.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.		SMS	SM	CM		
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.		N/A	N/A	N/A		
7.	The simulator modeling is not altered.		SMS	SM	CM		
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.		SMS	SM	CM		
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.		SMS	SM	CM		
10.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).		SMS	SM	CM		
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.)		SMS	SM	CM		
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).		SMS	SM	CM		
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.		SMS	SM	CM		
Target Quantitative Attributes (Per Scenario; See Section D.5.d)			Actual Attributes				
1.	Malfunctions after EOP entry (1-2)		3 / 3 / 2	SMS	SM CM		
2.	Abnormal events (2-4)		4 / 4 / 2	SMS	SM CM		
3.	Major transients (1-2)		1 / 2 / 1	SMS	SM CM		
4.	EOPs entered/requiring substantive actions (1-2)		2 / 2 / 2	SMS	SM CM		
5.	EOP contingencies requiring substantive actions (0-2)		1 / 1 / 1	SMS	SM CM		
6.	EOP based Critical tasks (2-3)		3 / 2 / 2	SMS	SM CM		
NOTE:	* The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.						

SMS – Scott M. Schmus /s/, DTE Energy, Senior Nuclear Instructor – Operations.