

Form 2.3-3 Operating Test Review Worksheet (JPMs)

1 JPM # or title	2 Type (S/P/A)	3 ALT (Y/N)	4 LOD (1-5)	5 JPM Errors							6 U/E/S	7 Explanation
				LOD	REF	IC	TSK	CUE	CS	TL		
A1	A	N	2								S	
A2	A	N	2								E S	For JPM step 6, please indicate that does not meet the acceptance criteria per Appendix C. Indicated. Slash steps on page 7 of handout. Slashed. JPM now SAT.
A3	A	N	2								E S	LPD should be in kW/ft on handout. Changed. JPM now SAT.
A4	A	N	2								S	
A5	A	N	3								S	
A6	A	N	2								E S	Provided the reference for the applicant to determine reportability. Provided. JPM now SAT.
A7	A	N	2					X			U S	This overlaps with scenario 4, event 4. Modified a bank JPM. JPM now SAT.
A8	A	N	2								E S	For JPM step 1, describe how they determined the release could continue. Added information. JPM now SAT.
A9	A	N	2								E S	This is a bank JPM, not new. Changed Form 3.2-1 to indicate bank. JPM now SAT.
S1	S	N	2								S	
S2	S	Y	2								E S	Change cue to "The CRS directs you to perform 40EP-9EO03, Loss of Coolant Accident, starting at Step 4.) Changed. JPM now SAT.
S3	S	N	2								E S	Change initiating cue to something like, "Raise SIT 1A pressure to match others and clear the low level alarm" Changed. JPM now SAT.

S4	S	Y	2								ESS	Add cue in case they go past reactivity control that another operator will continue with SPTAs. Added cue. JPM now SAT.
S5	S	Y	3		X						U	Examiner cue in JPM step 4 is inadequate. The NRC can not direct the alternate path.
S6	S	Y	2								ESS	Steps 6.19.4 – 6.19.6 are circled but not slashed. Steps slashed. What procedure directs tripping the reactor? Because the malfunction in the JPM results in an ATWS condition, the operator is directed to trip the Reactor based on 40DP-90P02, Conduct of Operations (page 14, bullet 4), which states (under Reactor Operator responsibilities), “Manually trips the reactor if Reactor Protection System trip setpoints have been exceeded (they will be) and a trip has NOT occurred”. JPM now SAT
S7	S	Y	2								ESS	Modify step 8 cue to be easier to read. Modified. Modify step 11 note to break up into 3 parts. Modified. JPM now SAT.
S8	S	N	2								S	
P1	P	N	2								ESS	Change initiating cue to, “The CRS directs you to perform Appendix 243, LM – NC Cross Tie to EW Train A, Attachment 243-A. Control power breaker for EWA-P01, Essential Cooling Water Pump A has already been opened.” Changed. Add JPM step 9, corresponding to step 4 of Attachment 243-A. Added. Circle/slash step 1 on handout. Done. Steps 2 and 4 have locking devices. Added info about removing them. JPM now SAT.
P2	P	Y	2								ESS	Add statement in initial conditions that say, “another operator is standing by to inform you of the position of the stop valves, control valves, and combined intercept valves”. Added. Add examiner cue to Step 5 “all valves are closed” for the above listed valves. Added. Add cue to Step 6 for when they get to the lift oil pumps, cue to ask “where are they” then cue that they are running. Added. JPM now SAT.

P3	P	N	2								S	Add the picture on the last page of the handout to the examiner guide. Added.
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Form 2.3-3 Instructions for Completing the JPM Table

1. Enter the JPM number and/or title.
2. Enter the type of JPM—(S)imulator, (P)lant, or (A)dministrative.
3. Enter (Y)es or (N)o for an Alternate Path JPM.
4. Rate the level of difficulty (LOD) of each JPM using a scale of 1–5 (easy–difficult). A JPM containing less than two critical steps, a JPM that tests solely for recall or memorization, or a JPM that involves directly looking up a single correct answer is likely LOD = 1 (too easy). Conversely, a JPM with over 30 steps or a JPM that takes more than 45 minutes to complete is likely LOD = 5 (too difficult).
5. Check the appropriate block for each JPM error type, using the following criteria:
 - LOD = 1 or 5 is unsatisfactory (U).
 - REF: The JPM lacks required references, tools, or procedures (U).
 - IC: The JPM initial conditions are missing or the JPM lacks an adequate initial cue (U).
 - CUE: The JPM lacks adequate evaluator cues to allow the applicant to complete the task, or the evaluator cues are subjective or leading (U).
 - TSK: The JPM lacks a task standard or lacks completion criteria for a task standard (U).
 - CS: The JPM contains errors in designating critical steps, or the JPM lacks an adequate performance standard for a critical step (U).
 - TL: The JPM validation times are unreasonable, or a time-critical JPM lacks a completion time (U).
6. Mark the JPM as unsatisfactory (U), satisfactory (S), or needs enhancements (E). A JPM is (U) if it has one or more (U) errors as determined in step 5. Examples of enhancements include formatting, spelling, or other minor changes.
7. Briefly describe any JPM determined to be unsatisfactory (U) or needing enhancement (E). Save initial review comments and detail subsequent comment resolution so that each exam-bound JPM is marked by a satisfactory (S) resolution on this form.

Form 2.3-3 Operating Test Review Worksheet (Scenarios)

Facility: Palo Verde		Scenario: 2				Exam Date: 5/2/22	
1 Scenario Event ID/Name:	2 Scenario event errors					3 U/E/S	4 Explanation
	Realism/ Credibility	Performance Standards	Verifiable Actions	Critical Task	TS		
1							
2					X	U S	Tech Spec 3.3.1 should include condition C. Added condition C. Event now SAT.
3							
4							
5							
6							
7							

Form 2.3-3 Operating Test Review Worksheet (Scenarios)

Facility: Palo Verde		Scenario: 3				Exam Date: 5/2/22	
1 Scenario Event ID/Name:	2 Scenario event errors					3 U/E/S	4 Explanation
	Realism/ Credibility	Performance Standards	Verifiable Actions	Critical Task	TS		
1						E S	Add direction in turnover for BOP to do normal. Added . Event now SAT.
2						E S	Add direction in turnover for OATC to do normal. Added . Event now SAT.
3							
4							
5							
6							
7							
8							

Form 2.3-3 Operating Test Review Worksheet (Scenarios)

Facility: Palo Verde		Scenario: 4				Exam Date: 5/2/22	
1 Scenario Event ID/Name:	2 Scenario event errors					3 U/E/S	4 Explanation
	Realism/ Credibility	Performance Standards	Verifiable Actions	Critical Task	TS		
1						E S	Add direction in turnover for OATC to do normal. Added . Event now SAT.
2							
3							
4							
5							
6							
7						U E S	Add order in which AFW pumps will be pursued on page 19. Added . Event now SAT.
8							

Form 2.3-3 Instructions for Completing the Scenario Table

1. For each scenario, enter the scenario event names and descriptions.
2. Review the individual events contained in each scenario, and identify and mark event errors:
 - The scenario guide event description is not realistic/credible—unsatisfactory (U).
 - The scenario guide event description lacks adequate crew/operator performance standards—needs enhancement (E).
 - The scenario guide event description lacks verifiable actions for a credited normal event, reactivity event instrument/component malfunction, or technical specification (TS) event (or a combination of these) (U).
 - The scenario guide event description incorrectly designates an event as a critical task (i.e., a noncritical task labeled as critical or a critical task labeled as noncritical). This includes critical tasks that do not meet the critical task criteria (i.e., the critical task does not have a measurable performance standard) (U).
 - The scenario guide event description incorrectly designates entry into TS actions when not required or does not designate entry into TS actions when required (U).
3. Based on the outcome in step 2, mark the scenario event as unsatisfactory (U), satisfactory (S), or needs enhancements (E). An event is (U) if it has one or more (U) errors as determined in step 2. Examples of enhancements include formatting, spelling, or other minor changes.
4. Briefly describe any scenario event determined to be unsatisfactory (U) or needing enhancement (E). Save initial review comments and detail subsequent comment resolution so that each exam-bound scenario event is marked by a satisfactory (S) resolution on this form.