

JPM#	1. Dyn (D/S)	2. LOD (1-5)	3. Attributes					4. Job Content Errors		5. U/E/S	6. Explanation (See below for instructions)
			IC Focus	Cues	Critical Steps	Scope (N/B)	Overlap	Job-Link	Minutia		
RO (A1)										E	1. Title should be “ <u>Calculate</u> Shutdown Margin with Inoperable CEAs” (match 301-1) Done 2. NUREG 1021 Appendix C requires all JPMS must have a clearly identified Task Standard (B.3) Done 3. Appendix C requires JPMS to have Initial Conditions AND Initiating Cues (B.1) Done 4. JPMS need Answer Keys when possible Done 5. JPM coversheet should identify whether Time Critical or Alternate Path (Yes/No) Done 6. Performance Standards and Task Standards are written in past tense. Done 7. Initiating Cues should/shall include references to appropriate steps in appropriate procedures/attachments (just like in real life). If given direction to complete an action already started, the handout shall include appropriate initials/signatures/etc. Done 8. Provide a copy of all reference/handout material in order to validate the JPM. Done 9. On JPM coversheet – differentiate between references and handouts. Done 10. Step 3 – not Critical? No 11. Step 4 – what is basis of range? changed
RO (A2)										E	1. See 2-9 above Done 2. Steps 1 & 2 – what is basis of range? changed
RO (A3)										E	1. See 2-9 above Done
RO (A4)										U	1. See 2-9 above Done 2. No Critical Steps? Fixed 3. Initiating Cue is not written as a directive. How is applicant supposed to know where he is supposed to go inside the RCA – what maps to review – what to discuss with RP? Fixed 4. What are the initial conditions? LOCA in progress? RHR in service? Fixed
SRO (A5)										E	1. See 2-9 above Done 2. Change title to “Review Shutdown Margin Calculation with Inoperable CEAs” Done
SRO (A6)										E	1. See 2-9 above Done 2. Use bullets for listing information in Initial Conditions. Done
SRO (A7)										E	1. See 2-9 above Done
SRO (A8)										E	1. See 2-9 above Done 2. What is Ops Department expectations of the CRS/SM if errors are found on Attachment 4? Not authorize release
SRO (A9)										E	1. See 2-9 above Done 2. Identify regulatory requirement and/or commitment for 15 minutes to classify the event. Revised

Instructions for Completing Matrix

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reviewing operating tests. Additional information on these areas may be found in Examination Good Practices Appendix D. Check or mark any item(s) requiring comment and explain the issue in the space provided.

1. Determine whether the task is dynamic (D) or static (S). A dynamic task is one that involves continuous monitoring and response to varying parameters. A static task is basically a system reconfiguration or realignment.
2. Determine level of difficulty (LOD) using established 1-5 rating scale. Levels 1 and 5 represent inappropriate (low or high) discriminatory level for the license being tested.
3. Check the appropriate box when an attribute weakness is identified:
 - The initiating cue is not sufficiently clear to ensure the operator understands the task and how to begin.
 - The JPM does not contain sufficient cues that are objective (not leading).
 - All critical steps (elements) have not been properly identified.
 - Scope of the task is either too narrow (N) or too broad (B).
 - Excessive overlap with other part of operating test or written examination.
4. Check the appropriate box when a job content error is identified:
 - Topics not linked to job content (e.g., disguised task, not required in real job).
 - Task is trivial and without safety significance.
5. Based on the reviewer's judgment, is the JPM as written (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
6. Provide a brief description of any U or E rating in the explanation column.
7. Save initial review comments as normal black text; indicate how comments were resolved using **blue text** so that each JPM used on the exam is reflected by a (S)atisfactory resolution on this form.

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			IC Focus	Cues	Critical Steps	Scope (N/B)	Over-lap	Job-Link	Minutia		
J1	D	2								E	1. Renumber as S1 – see Draft Outline Comments Done 2. Need page 4 of OP-ST-CEA-0003 with initials/date for pre-reqs Done 3. Step 13 – does procedure steps 5.1 and 5.13 apply? Yes What procedure directs the Mode Selector Switch to be placed in OFF? OI-RR-1 Add ref to list on JPM coversheet. Done 4. Add steps to JPM for all NOTES and CAUTIONS – “Applicant reviewed NOTE/CAUTION” This is applicable to all JPMs. Done where practical
J2										E	1. Renumber as S2 Done 2. Verify if all valve manipulations are Critical Steps. Done
J3										E	1. Renumber as S3 2. Step 1 of Attachment 9 missing from JPM. Fixed 3. Verify if all valve manipulations are Critical Steps. Done 4. Step 6 of Attachment 9 missing from JPM. Will applicant be able to recognize loss of IA at this step and not have to go to Step 7? Fixed
J4										U	1. Renumber as S4 Done 2. JPM doesn’t qualify as Alternate Path – see Appendix C, Section C.2 Fixed 3. Add to Initial Conditions that RCP-3A motor is COLD. Any other info needed in the Precautions section? Done 4. Will need a completed Pre-reqs section with initials/date Done 5. Step 1 completed? (Controlled Bleedoff) Yes – needs signed off - Done 6. JPM Step 4 – procedure step 5 – says TDB-III.7.a and TDB-III.7.d, RCS Pressure and Temperature Limits, not III.25. Fixed 7. JPM Step 6 – Annunciators are A6 and A5, not D5 Fixed 8. Caution before Procedure Step 10 – add to Initial Conditions that no one is in containment. Done 9. JPM step 12 should be step 10 Fixed
J5										E	1. Renumber as S5 Done 2. What procedure step is JPM step 2? Should this step be in the procedure? Revised JPM 3. Verify if all valve manipulations are Critical Steps. Done 4. What procedure guidance is provided to direct the applicant to transition to 12.a? Revised JPM 5. JPM step 9 – not Critical? Critical – revised JPM
J6										E	1. Renumber as S6 Done

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J7										E	1. Renumber as S7 Done 2. Between JPM step 2 and 3 – add step for reading Caution with an Examiner Cue that System Operations has been notified. Done 3. JPM step 4 – no need to wait to provide OI-EE-1 attachment. Add to Initiating Cue since pre-reqs should be signed off. Done 4. JPM steps 7 and 13 – what is basis for 25 volts? Ops Rep verified
J8										E	1. Renumber as S8 Done 2. Change Initiating Cue to all Title Case for procedure, lower case for the rest. Done 3. Add to Initial Conditions that pre-reqs are met – and complete the initial/date on copy provided to applicant. Done 4. Will procedure steps 7.9, 7.10 and 7.11 be signed off in the copy provided to the applicant? Yes 5. JPM is missing procedure step 7.12 Fixed 6. JPM is missing procedure step 7.14. Fixed 7. Add last step to JPM – applicant signs the surveillance test and notifies shift manager the test is complete. Revised JPM to 2 channels only
P9										E	1. Renumber as P1 – see Draft Outline Comments Done 2. Change JPM such that the Control Room is performing AOP-11. Using cues, direct the applicant to perform various local operations in 2 areas of the plant. Done 3. May need to add river level greater than 983.5 ft and Containment temperatures less than 150°F to Initial Conditions. (see Cautions prior to procedure step 12.c) and whether or not an SIAS/CIAS has occurred. Done
P10										E	1. Renumber as P2 Done
P11										E	1. Renumber as P3 Done
Other											1. Are any JPMS designed to run simultaneously? Yes 2. Index for Plant Procedure files are corrupt. Resent

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Scenario Set	1. ES	2. TS	3. Crit	4. IC	5. Pred	6. TL	7. L/C	8. Eff	9. U/E/S	10. Explanation (See below for instructions)
1										1. For Tech Spec calls – Identify the applicable Condition(s). Done 2. Need all data (partially complete surveillance, turnover sheets, etc) given to crew at watch turnover. Done 3. Add procedures and titles to all D-2s. Done 4. Identify key annunciators that alarm. Done 5. Provide more detail for E-00 steps. Done 6. Event 7 is not a Major Transient. Fixed
2										1-5. see above Done 6. What procedure directs actions for Event 1? Replaced event 7. Event 4 – more detail on D-2’s. Done 8. Event 8 – move SPTAs to Event 7. Done
3										1-5. see above. Done
4										1-5. see above. Done

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- ES: ES-301 checklists 4, 5, & 6 satisfied.
- TS: Set includes SRO TS actions for each SRO, with required actions explicitly detailed.
- Crit: Each manipulation or evolution has explicit success criteria documented in Form ES-D-2.
- IC: Out of service equipment and other initial conditions reasonably consistent between scenarios and not predictive of scenario events and actions.
- Pred: Scenario sequence and other factors avoid predictability issues.
- TL: Time line constructed, including event and process triggered conditions, such that scenario can run without routine examiner cuing.
- L/C: Length and complexity for each scenario in the set is reasonable for the crew mix being examined, such that all applicants have reasonably similar exposure and events are needed for evaluation purposes.
- Eff: Sequence of events is reasonably efficient for examination purposes, especially with respect to long delays or interactions.
- Based on the reviewer’s judgment, rate the scenario set as (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory.
- Provide a brief description of problem in the explanation column.
- Save initial review comments as normal black text; indicate how comments were resolved using **blue text** so that each JPM used on the exam is reflected by a (S)atisfactory resolution on this form.