

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)	Over-lap	Job-Link	Minutia		
(A1a)	S	2								E S	1) Change the first sentence of initiating cues to: The CRS directs you to perform a QPTR calc per OSP-SE-00003, "...", using the NI detector currents provided. 2) Element and Standard 2: Add prerequisites to the list of items reviewed. This is procedure step 5.0. 3) Standard 3: Attachment 1 NOT A. 4) Element 5: Insert "and" between upper and lower. 5) Standards 5-7: The tolerance is .001. Change the key to 3 decimal places for 6.2.3,4,and5. 6) Standard 11: States that no action is required. What about referring to OTA-RK-00022? Are there actions in this procedure that the applicant should be able to identify? OK ALL STANDARDS NEED TO PAST TENSE DONE. Comments resolved.
RO (RA2)	S	3								E S	Job title on cover page: Needs a space or tab Task Standard: Add "IAW EOP Addendum 33" to the end of the sentence 2) Since all of the numbers on the worksheet have 1 decimal place, rules state 1 decimal place should be used in the answer. Therefore accept the range 2.3 to 2.336 x10^6. 3) Accept the range 1.600 to 1.635 x 10^4 4) Accept the range 9150 to 9250 5) Accept the range 1.72 to 1.79 based on the previous two. ALL STANDARDS NEED TO BE PAST TENSE Comments Resolved
RO (RA3)	S	3								E S	Change Task Standard to: "Upon completion ...candidate will have completed tagout cont. sheet for the 'A' RMWT pump with the following tags identified: Hold off tag on the MCC breaker (OFF/OPEN) ...". Tag sequence for last two tags is critical. 3-10) Remove these steps. Replace with list in step 12. Place * before each critical component and position. 12) Move last sentence in list up to be part of the prior sentence. BLHS3 or BLHIS3 is critical? ALL STANDARDS NEED TO BE PAST TENSE (i.e. Operator performed ____). Comments Resolved
RO (RA4)	S	2								E S	Remove the last 4 pages of the JPM package – after applicant handout. ALL STANDARDS NEED TO PAST TENSE 3) Standard: Operator went to the Control Room/Field Office Conference Room and signed in or logged in. This is step 4.1.3.a.1 and 4.1.1.b Have the applicant determine whether or not they are essential personnel. Comments Resolved
(A1a)	S	2								E S	See A1a above. Comments Resolved
(SA2)	S	2								E S	ALL STANDARDS NEED TO BE PAST TENSE. On the initiating cue: Remove the last two sentences. Replace with "Type of Report: ____" and on a separate line "Recipient of Report: ____". OK as is. If there is an emergency class associated with this, then there will be a 15 min report to off-site agencies. Comments Resolved

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(SA3)	S	3								E S	ALL STANDARDS NEED TO BE PAST TENSE. Initiating Cue: Remove "You have been directed to". Remove "Inform the shift manager...." to the end of the paragraph. Insert "Indicate below any errors you find, and make any corrections on the WPA." KEY) Tag #3 corrected to PG19NCF5. Tag #4 sequenced to before tag #8. Tag #6 corrected to BLV0018. Comments Resolved
(SA4)	S	1				N				U S	Replace this JPM with review and authorize a release permit. JPM Replaced
(SA5)	S	1				N				U S	ALL STANDARDS NEED TO BE PAST TENSE. Change to two part JPM. 1) Fill out classification form. (NOT TIME CRITICAL) 2) Time critical part will be to fill out the notification form. If facility procedure says that the time critical part is to fill out the notification form within a certain time period, then remove 2) above and make 1) time critical. JPM Modified

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- 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.
- 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.
- 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.
- 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.
- 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?
- Provide a brief description of any U or E rating 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.

1) Change A1a to modified on the 301-1 outlines for RO and SRO [Done](#)

2) There are NO REVISION NUMBERS!!!! FIX THIS. [Done](#)

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			IC Focus	Cues	Critical Steps	Scope (N/B)	Over-lap	Job-Link	Minutia		
S1	D	2			U					E S	ALL STANDARDS NEED TO BE PAST TENSE. Initiating cue: Change "has directed" to directs. Identify all of the critical steps. 2) Move the NOTE to the CUE column. 6) Standard: Move "contacts ops tech" to after "Operator". Add "When contacted as ops tech, report:" to the CUE. Comments resolved
S2	S	3								E S	ALL STANDARDS NEED TO BE PAST TENSE. Initial Conditions: Change "It is flowing" to "It is aligned". Initiating Cue: Change "has directed" to directs. Comments resolved.
S3	S	3								U S	SAME AS EVENT 4 IN SCENARIO 3!! Replace this JPM. JPM replaced.
S4	D									E S	ALL STANDARDS NEED TO BE PAST TENSE. Initiating Cue: Add "starting at step 5.9.16" to the end of the first paragraph. Remove the second sentence from the second paragraph. Add a procedure number to the Task Standard. 4) Element: "Should" is misspelled in the 3 rd paragraph. Consider ending JPM at step 9. None of the subsequent steps are identified as critical to meeting the task standard. Comments resolved
S5	D									E S	ALL STANDARDS NEED TO BE PAST TENSE. Initiating Cue: Change "You have been directed" to "The CRS directs you". Task Standard: Change to "Containment spray is actuated IAW E-0 Att. A." 2) Standard: Add "or annunciator 59A LIT or 59B LIT" because both of these are lit. 5) This is not critical. 6) Standard: Change "goes to RNO" to "transitioned to RNO" OK. All other comments resolved
S6	D									E S	ALL STANDARDS NEED TO BE PAST TENSE. Comment resolved
S7	D									E S	ALL STANDARDS NEED TO BE PAST TENSE. Initiating Cue: Change "You have been directed" to "The CRS directs you". Done
S8	D									E S	ALL STANDARDS NEED TO BE PAST TENSE. Ensure a marked up procedure copy is given to applicant showing A1 RNO through A4 complete. Done
P1	S									E S	Initial Conditions: Change "this procedure" to OTN-NE-0001A, Title. Initiating Cue: Change "has directed" to directs. Pull out the bolded Note for the developer. 1) Remove this from JPM. Examiner will give the procedure to applicant. 3) Remove the second paragraph from the CUE. 5) Remove "currently" from the cue. ALL STANDARDS NEED TO BE PAST TENSE. Done

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P2	S									E S	ALL STANDARDS NEED TO BE PAST TENSE. 4) Standard: Operator closed KAV0004. Remove everything else. 9) Standard: Remove the first sentence about the walk down. Done
P3	S									E S	ALL STANDARDS NEED TO BE PAST TENSE. Initiating Cue: Remove the sentence "Close any valves that are..." 3) Add note to CUE: "There is no manual actuator for HV-8047 (Air Operated). The operator will have to close BLV0035." Change the Standard to "Operator closed manual isolation valve BLV0035". 6) Do the same as for JPM step 3. Done

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1) NO REVISION NUMBERS!!!! **Done**

2) Change Title on 301-2 for S7 to "Establish Containment Purge". **Done**

CW-2009-06										DRAFT OPERATING TEST COMMENTS	SCENARIOS
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									S	<p>Form ES-D-1: Add "Low" after Pressure Channel Failure for event 1. Remove the SRO from I(RO/SRO) for event 1. Add the SRO to event 4 I(RO).</p> <p>Event Description: Remove "is inserted" from fifth paragraph. Add procedure governing downpower to second paragraph. Remove the last paragraph.</p> <p>Event A: Page 6, Is there a CUE for (5.4.1f)? NO</p> <p>Event 1: Page 8: Change "Shortly after taking the watch" to "Upon Lead Examiner cue". Add Low to Event description at top of page. Page 9: Identify the required TS. There is an extra space between applicable and tech.</p> <p>Event 2: Pages 11 and 12: Steps 2, 9, 10, 14, 15, 16, 19 and 20 should be BOP not RO.</p> <p>Event 3: Page 14: Top of page: How is temperature being controlled in manual? OK With rods? Middle of page: URO should be RO. Page 15, Step 13: Identify applicable TS Condition.</p> <p>Page 17: Step 1: Should BOP be added to position?</p> <p>Page 20: Step 5: Is BOP performing this?</p> <p>Remove page 25 from the scenario. We will not be performing EAL calls. All done</p>	
2									S	<p>Form ES-D-1: Swap events 5 and 6. Add BOP to event 3. Remove the Reactivity credit. Add SRO to events 5, 6 and 7.</p> <p>Page 5: Add CUE to bottom of page to say the Rx Eng is on its way, continue with power increase.</p> <p>Page 6: Should there be a CUE for Rx Eng desired control rod position?</p> <p>Pages 7, 8 and 9: The event description for event 1 is incorrect. Match it to ES-D-1.</p> <p>Pages 10 and 11: The event description for event 2 is incorrect.</p> <p>Page 11: Need conditions for each TS to be identified.</p> <p>Page 14: Need condition for TS to be identified.</p> <p>Page 16: Change critical task to: Manually actuate one train of SIS prior to transitioning out of E-0.</p> <p>Page 23: Remove the last item (ALERT Declaration) from scenario. Remove this from scenario description as well. All done</p>	
3									S	<p>Form ES-D-1: For event 1, only the BOP and SRO get credit; and indicate the channel fails low. For event 2, indicate that the channel fails low. For event 3, remove C(RO) – no verifiable actions. For events 4 and 6, add SRO to get credit.</p> <p>Ensure failure direction is identified on ES-D-2 event descriptions.</p> <p>Page 5: Step 1 is missing a parenthesis.</p> <p>Page 8: Ensure TS conditions are identified.</p> <p>PAGE 11: Ensure TS condition is identified.</p> <p>Page 22: Are there more valves than the 2 identified in the critical task? OK</p> <p>Page 24: Remove the ALERT declaration from the scenario and the description page.</p>	

4																																						<p>Change title from SB to 4. We don't know which will be the B/U until validation week. There are repeat events from scenarios 1 and 2; however, there are more than enough beans on the 301-5 to allow them to be used twice for 1 of the 4 crews. Ensure failure direction is identified for all malfunctions on the ES-D-1 and D-2 forms. Scenario Description page: Fifth paragraph: 450 gpm. Add to description that we will not insert the ramp-up until the crew has tripped the Rx. OK Page 6: TS Condition Page 14: Event description should be Loss of Stator Water Cooling. Fix on subsequent pages. Page 19: ATTACHMENT A: Move this attachment section to after E-0, Step 5. This is a better way, and was done on the other scenarios. All done</p>
																																						<p>Reactor engineering will call for numerous scenarios. Insert CUES into the scenarios as applicable. Technical Specifications: Need to identify required TS. Conditions on all TS. Operations Representative verify and certify all TS calls and critical tasks. Resolved. Sheet given to applicants during turnover.</p>

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1. ES: ES-301 checklists 4, 5, & 6 satisfied.
2. TS: Set includes SRO TS actions for each SRO, with required actions explicitly detailed.
3. Crit: Each manipulation or evolution has explicit success criteria documented in Form ES-D-2.
4. IC: Out of service equipment and other initial conditions reasonably consistent between scenarios and not predictive of scenario events and actions.
5. Pred: Scenario sequence and other factors avoid predictability issues.
6. TL: Time line constructed, including event and process triggered conditions, such that scenario can run without routine examiner cuing.
7. 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.
8. Eff: Sequence of events is reasonably efficient for examination purposes, especially with respect to long delays or interactions.
9. 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.
10. Provide a brief description of problem in the explanation column.
11. 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.