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		
RO1 (A1a)	S									U(S)	This JPM used K/A 2.1.23 and this K/A was used on the Oct 2005 and Nov 2006 exams. Utility replaced K/A and JPM with RCS flow JPM .
RO2 (A1b)	S	3								E(S)	All JPM's should follow format of APP C of NUREG-1021. Admin JPms need classroom for location, need space for examiner name and date. Step 2 should be after the cue. Step 2 should include the reference to step 2.3.1 of SO23-3-2.2. Error bands need to carry forward for each calculation step. Answer key has two error bands, but is not included in JPM documentation as required. Error bands changed and JPM split into two separate tasks so that candidate must demonstrate both calculations to get JPM correct, however, the calcs are now independent.
RO3 (A3)	S									E(S)	JPM was changed to an "A3 topic" dress-out JPM and linked to an -in-plant JPM to follow guidance in NUREG-1021, however, during prep week the utility could not find good procedures for donning and doffing these items and the exam team and regional management felt that they would loose an appeal without strong procedural direction for this JPM so the original JPM was used with slight modification.
RO4 (A4)	S									S	
SRO1 (A1a)	S									S	A1a for RO is same JPM- see its comments.
SRO2 (A1b)	S									S	A1B for RO is same JPM- see its comments.
SRO3 (A2)	S	2								E(S)	Answer key stops at key point 13, while jpm task standard goes to step 18. Also, the jpm standard needs to have the answers embedded into the applicable steps to be complete. Example, mode restraint is 4 on key 9, etc. The cue sheet should probably have the candidate stop at key (block) 18 to prevent excessive review, confusion, and extending the time unnecessarily.
SRO4 (A3)	S									S	Rad map for student should not have map number changed with line-out to prevent cueing. Also, For ME003, the gen rad should be 1, 2, and 2 in jpm standard for step 2 (not 1, 1, and 2). What does the note between each step in the jpm standard that states "Any combination of ...is acceptable" really mean? This should be defined and bounded on the RWP maps for exam purposes. You should put the key for each measurement in the corresponding jpm step for ease of grading (ie steps 1and 2 should use underlined values, steps 3 and 4 use circled numbers, etc). Step 3 of task cover sheet should have the words "work location" underlined to match "or path" underlined words to prevent cueing to the higher dose. Need to justify why ME003 is lower dose in the jpm standard (ie do the math in the standard). If you are trying to distract the candidate with additional maps, it would be better to have all the components the question is asking for on the distractor maps (ie only one set of maps has hot spot data on it for retrieval as requested in the jpm). Also, addition of NRC reporting requirements added to elevate JPM to SRO level JPM.
SRO5 (A4)	S									U(S)	Unsat because the EAL's are not implemented this way any more at SONGS for security related events. Write a different JPM not related to security because of Security. Due to last several exams containing EAL A4 JPM's I recommending a PAR JPM, which was written and substituted.

Instructions for Completing Matrix

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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.

			3. Attributes					4. Job Content Errors			
JPM#	1. Dyn (D/S)	2. LOD (1-5)	IC Focus	Cues	Critical Steps	Scope (N/B)	Over-lap	Job-Link	Minutia	5. U/E/S	6. Explanation (See below for instructions)
S-1	D	3								S	
S-2	D	3								E(S)	Step 6 in the JPm standard utilizes JI point for EDG MW and Note in procedure states to use CR63. Which is correct? reconcile.
S-3	D	4								S	Licensee will need to provide copy of "filled out" version of Att 1 of procedure to NRC for review during validation week. Should have sent in a copy of this as part of draft submittal since this partially filled out procedure is a hand-out to the candidates. What is the starting height of CEA 20? This would be nice to have in the examiner notes. Will the candidates know that they are performing the steps of the procedure for < 6 inches of travel? I am not sure this is clear in the stem. Missing step 2.2.5.1 in JPm standard.
S-4	D	3								S	
S-5	D	3								S	procedure issue with SO23-13-27, step 3 on page 9 is listed as step 7 at top of page.
S-6	D	3								S	
S-7	D	3								E(S)	Why aren't containment normal valves (HV-9948 and HV-9951) required to be closed as listed in ARP? They are not listed in steps 9-12 of the JPM standard with the mini-purge valves.
S-8	D	3								S	Examiner sheet page 5 of jpm std lists section 6.2 of procedure and it should be section 6.3.
P-1	S	3								S	Are there no critical times in FSAR for this JPM? Usually security-related JPM's have times associated with them.
P-2	S	2								S	Are there no critical times in FSAR for this JPM? Usually security-related JPM's have times associated with them.
P-3	S	3								E	What is the reason for initialing two of the valves before the candidate starts? If radiation in the plant is an issue, then cue the JPM that an individual started the JPM then got sick and so the CRS has asked you (the candidate) to finish it, or something like that to make it realistic. If candidate is to unlock any valves, where would the key be located? This should also be mentioned in the JPM.

Heading above table: **GP5-APP-E - OPERATING EXAM COMMENTS - SYSTEM JPM**

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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.

GP5-APP-E - OPERATING EXAM COMMENTS - SCENARIO										
Scen 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		X							E(S)	Labels for EOI procedures do not include "EOI" pages 19 and 20. RX trip and SPTA procedures not listed in ES-D2. Also question if EOP contingencies should be 0 for this scenario on ES-301-4. Event title mispelled as ATWAS, should it be ATWS? TS actions need more details.
2		X							E (S)	Include Labels for EOI procedures in body of scenario (ES-D2). Also need to count EOP's used vs ES-301-4. Consult NRR on count. TS actions need more details. Remove replace event 1 from this scenario due to exam security issues.
4(B/U)		X							E (S)	TS actions need more details.

Instructions for Completing Matrix

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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.

General Comments

1. Form ES-301-4 didn't check "validated field" prior to draft submittal.

2. Form ES-301-5 will need to be updated at prep week so that it is accurate for the schedule.

3. Recommend a list at front of all scenarios that contains all the EOI's and AOI's used for each scenario.

4. Notify Licensee that I need a copy of all procedures used for each scenario during prep week to "validate steps in ES-D2."