Facility: **Nine Mile Point Unit 1**											**Exam Date:** 8/12/2024	
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		
RO COO1	A	N	3								E	**Add step 6.4.2.10 of ST in the JPM as step 10. STD: Checks the box for "INOP Range, DECLARE GEMAC 11 AND/OR 12 INOP"** **Mark the JMP step 10 as "critical step".** **There are two step "9" in the JPM. Last step in the JMP needs to be renumbered to step 11.** **Step 9 Note: Should the state "However, grossly inaccurate interpolation would be required to determine the GEMAC indicators <u>Operable</u>"?** **<u>Task Standard</u>: Too generic….Define standard to "*Control room readings taken for …and determines that Yarway indications are within variance and GEMAC indication variance at given recirculation flow is in the INOP range.*"**
RO COO2	**A**	**N**	**3**								**E**	**Mark JPM step 5 as critical. Delta T limits for 15 min is not met per the Att. 17, <u>heatup rate monitoring</u>.** **Chang JPM step 5 format to match the critical step 7 format.** **For JPM step 6 and 7, add calculation for hourly heatup rate for time 1000.** **For Att. 17 applicant handout, does RO and SRO initial need to be added to time 1045?**

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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		
												<u>Task Standard</u>: Add "Candidate also determines Delta T 15 min limit is satisfactory for 1045 and unsatisfactory for 1030 and 1100".
RO EC	**A**	**N**	**3**								**E**	**Provide a key with the OP-AA-109-101-F-07 Worker Tagout (WTO) Form completed. Identifying required components and their tagged positions. Identify the critical components, required tags, and their position with (*) in the key.**
RO RC	**A**	**N**	**3**								**E**	**JPM step 4, change the critical step standard to determine that discharge valve for ONLY TWO pumps can be closed without exceeding the admin dose limit. Any combinate of TWO pump is acceptable. (11&12, 12&13, OR 11&13)** **Typo – Last JPM step should be 5 not "12".** **<u>Task Standard</u>: Change task stand to accordingly to determine that only TWO Reactor Recirculation pumps can be closed without exceeding admin dose limits. (11&12, 12&13, OR 11&13).**
SRO COO1	**A**	**N**	**3**								**E**	**What does perform Shift Manager review include?** **Modify cue to…."Based on SM review, determine if SRO#1 and SRO#2 can stand watch on the upcoming shift. Provide explanation, if needed."** **Document your answer below:**

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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		
												SRO | **Stand Watch (Circle one)** | **Explanation, If needed** **SRO #1** | **Yes/No** **SRO #2** | **Yes/No** **Change SRO#1 and SRO#2 handout date for the plant tour to align with one of the date of the shift position. "*The tour shall be performed during the performance of the required hours on shift listed above*."**
SRO COO2	**A**	**N**	**3**								**S**	**Did not have LMS sheet in the submittal. Please provide LMS sheet during prep week.**
SRO EC	**A**	**N**	**3**								**E**	**JPM step 4 should be marked as critical.** **Does applicant need to identify unsatisfactory surveillance? If yes, then identifying that should be marked as critical. Applicant further may identify required actions per 10.2 (ESL, applicable TS, etc.)** **<u>Task Standard:</u> Add unsatisfactory surveillance identification per above comment.**
SRO RC	**A**	**N**	**3**								**E**	**JPM Step 4 should be marked as critical step. Supports the initiating cue…"determine the appropriate actions…in response to ARP."** **<u>Task Standard:</u> Modify task standard to provide details required actions per critical steps.**
SRO EP	**A**	**N**	**3**								**E**	**Provide a marked up notification form identifying critical information (*) per JPM step 10.**

Facility: **Nine Mile Point Unit 1**											**Exam Date:** 8/12/2024	
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		
JPM A	**S**	**Y**	**3**								**E**	**What actions are required for alarm L1-3-4?** **If needed, provide JMP script for L1-3-4 alarm actions that the applicant may follow.**
JPM B	**S**	**Y**	**3**								**E**	**For JPM step 14c, provide acceptable range for valve to be open +/- closer to 10% for critical task criteria to be met. Add the criteria in the STD.**
JPM C	**S**	**Y**	**3**								**S**	**Why is JPM step 13 performed?**
JPM D	**S**	**Y**	**3**								**S**	
JPM E	**S**	**N**	**3**								**S**	
JPM F	**S**	**N**	**3**								**E**	**JPM step 11 should be marked critical. Adjusting Valve as necessary to maintain flow below a value is critical.**
JPM G	**S**	**Y**	**3**								**E**	**Provide a band for JPM step 3 (+/- X MVARs) for critical task.**
JPM H	**S**	**N**	**3**								**S**	
JPM I	**P**	**N**	**2**								**S**	
JPM J	**P**	**N**	**3**								**S**	
JPM K	**P**	**Y**	**3**								**S**	

Form 2.3-3 Operating Test Review Worksheet (JPMs)

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: NMP Unit 1			**Scenario:** NMP1 NRC 2024 Scenario #1			**Exam Date:** 08/12/2024	
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						S	
2						S	
3						S	TS
4						E	TS; add CRAM Rods sequence for the ATC so examiner can follow the rods sequence, if needed. Validation note: May want to consider building in delay to allow the crew to pull control power fuses in the F panel prior to receiving successful result of field action to pull fuses on RB 237'.
5						E	The crew will be required to Trip the Main Turbine per N1-SOP-31.1; therefore, ATC will Scram the reactor followed by tripping the turbine. Does the turbine fail to trip? or any manual actions required to trip the turbine? If so, please add the step under BOP.
6						S	
7						S	

8						S	
9						S	

Facility: NMP Unit 1			**Scenario:** NMP1 NRC 2024 Scenario #2			**Exam Date:** 08/12/2024	
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	**Verify** the following **malfunction inserts** when RBCLC Pump #12 control switch is taken to STOP: **CW04C**, RBCLC Pump 13 Trip, FINAL = True, DT = 1 min May want to increase time delay to allow crew to raise reactor power.
2						S	
3						S	
4						E	TS; Change D1 to remove Instrument "I" event for SRO. (update other forms, as needed) This is just a TS for the SRO. No verifiable action that SRO is directing or crew is taking to address the failure.

5						E	Looks like multiple TS are evaluated for SRO. D1 may need to be updated to include TS-SRO. FYI same TS applied in SCN 1.
6						S	TS
7						S	Bold – RO CT#1 actions.
8						S	
9						S	

Facility: NMP Unit 1			**Scenario:** NMP1 NRC 2024 Scenario #3			**Exam Date:** 08/12/2024	
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						S	
2						S	
3						S	
4						S	Does ARP provide guidance to close the RB ventilation isolation dampers? if so, add that in the note, per ARP procedure, crew may isolate RB ventilation.
5						S	

6						E	The CT#1 references ARP K1-1-4, Does that alarm come in? script does not mention. May need to be changed to ARP K1-1-2.
7						S	
8						S	
9						S	

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.