

Operating Test Review Worksheet

Form ES-301-7

Facility: LASALLE COUNTY STATION							Exam Date: November 2 - 10, 2020						
Admin JPMs	1 ADMIN Topic and K/A	2 LOD (1-5)	3 Attributes							4 Job Content		5 U/E/S	6 Explanation
			I/C Focus	Cues	Critical Steps	Scope (N/B)	Overlap	Perf. Std.	Key	Minutia	Job Link		
SRO-A1.1	Conduct of Operations 2.1.25	2	X		X				X	X			<p><u>Review and Determine if Jet Pump Flow Meets Required Flow (A-SRO-07)</u></p> <p>NRC: A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>Each JPM must have 2 Critical Steps at a minimum. Finding 1 error and reporting that error to supervision does not meet the intent. Add an additional critical step which requires analysis/action of the applicant beyond reporting.</p> <p>For the Initial Conditions, indicate the Jet Flow values in the given table are in Mlb/hr. In addition, direct the applicant to review the results IAW LOS-AA-S101.</p> <p>In the examiner's guide several performance standards indicate ensuring the jet pump DP IAW Attachment E. This should be <u>Attachment A</u> of LOS-AA-S101 (step E.1.5)</p> <p>Ensure handouts for applicants are in numerical order. Curve for Jet Pump 13 is before Jet Pump 12 in the reference provided. This could cause confusion/error trap for an applicant.</p> <p><u>Validation comments:</u> All items above were corrected; corrected Jet pump 1 and 2 flow on the cue sheets.</p> <p>JPM IS SAT</p>
SRO-A1.2	Conduct of Operations 2.1.40	2	X							X			<p><u>Review and Determine if Administrative Requirements are Met to Commence Core Alterations</u></p> <p>NRC: Concur with the changes recommended. Please develop a marked up copy of LOS-AA-S101 Attachments D and E as appropriate to complete the JPM.</p>

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												Initial Conditions page for applicant needs to match the examiners sheet. I/C 6 for SBGT not running is not listed on the Applicant's handout. <u>Validation comments:</u> All items above were corrected. JPM is SAT.
SRO-A2	Equipment Control 2.2.11	2		X				X	X			E S <u>Validation comments:</u> All items above were corrected;_ JPM IS SAT
SRO-A3	Radiation Control 2.3.11	2	X		X			X				E S <u>Validation comments:</u> All items above were corrected; adjusted note associated with LOA-OG-101 and made steps 5 and 6 critical steps. JPM IS SAT

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SRO-A4	Emergency Procedures/Plan 2.4.44	3			X			X	X				<p><u>Fill out a NARS Form for a General Emergency (A-SRO-77)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>For PAR, be clear in Performance Standard to <i>evacuate Sub Area 1</i>.</p> <p>Include a Key of the correctly filled in NARS form for the evaluator.</p> <p>E For time to complete NARS form, I am ok with 13 minutes not being a CS since there is no regulatory requirement for this specific amount of time. If the applicant exceeds 13 minutes but less than 15 minutes, we will characterize it as a comment. I believe this step should be considered a CS failure if the applicant exceeds 15 minutes to prepare the NARS as there is a regulatory requirement associated with this action. Update the note to include this verbiage.</p> <p>S</p> <p>TIME CRITICAL</p> <p><u>Validation comments:</u> All items above were corrected; editorial changes to cue sheets; made step 17 NON-critical and step 18 associated with completing the NARS form withIn 15 minutes as critical.</p> <p>JPM IS SAT</p>
RO-A1.1	Conduct of Operations 2.1.25	2						X	X			<p><u>Perform a Manual Heat Balance (A-RO-41)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>E</p> <p>S Ensure computer point data printouts are readable. CV position was blurry.</p> <p><u>Validation comments:</u> All items above were corrected; changed validation time to 10 minutes.</p> <p>JPM IS SAT</p>	

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RO-A1.2	Conduct of Operations 2.1.31	2						X					<p><u>Main Steam Isolation Valve Alternate Leakage Treatment Path Verification</u></p> <p><u>NRC:</u> Agree with recommended changes.</p> <p>E Change Task Standard to say, "if <u>directed</u> correct all discrepancies..." The word directed better fits the changes made to the JPM.</p> <p>S <u>Validation comments:</u> All items above were corrected.</p> <p>JPM is SAT.</p>
RO-A2	Equipment Control 2.2.44	2						X				<p><u>Perform actions for a high UAT oil temperature per LOA-TRAN-101 (A-RO-24)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>E</p> <p>S <u>Validation comments:</u> All items above were corrected; added ranges for voltage and current data and changed validation time to 15 minutes.</p> <p>JPM IS SAT</p>	
RO-A3	Radiation Control 2.3.7	2	X					X				<p><u>Evaluate Eligibility of a Radiological Worker (A-RO-08)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>E</p> <p>S Instead of giving rad levels in room in the I/C, can we provide the applicant with a survey map of the room showing 75 mr/hr in the work area as well other appropriate data for the space.</p> <p><u>Validation comments:</u> All items above were corrected; adding an RWP for operator rounds if requested; changed title of JPM to better comply with actions performed.</p> <p>JPM IS SAT</p>	

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Simulator/In-Plant JPMs	Safety Function and K/A	LOD (1-5)	I/C	Cues	Critical Steps	Scope	Overlap	Perf. Std.	Key	Minutia	Job Link	U/E/S	Explanation
a	2 209002 A4.05	2						X				E S	<p><u>Initiate HPCS with a failure of the Manual Initiation Pushbutton (S-HP-05)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p><u>Validation Comments:</u> Above item corrected.</p> <p>JPM IS SAT</p>
b	9 271000 A2.03	2						X				E S	<p><u>Start Off-Gas with Main Steam High Radiation (S-OG-02)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>TIME CRITICAL – After the alternate path is entered. Will not be reported to applicant to avoid cuing.</p> <p><u>Validation Comments:</u> Item above corrected; added annunciator nomenclature to examiner note at start of alternate path; changed validation time to 10 minutes.</p> <p>JPM IS SAT</p>
c	3 239001 A2.03	3						X				E S	<p><u>Use the Main Condenser as a Heat Sink in an ATWS (S-MS-06)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p><u>Validation Comments:</u> All items above corrected; changed step 7 to verify 1N017 OPEN; changed validation time to 8 minutes.</p>

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												JPM IS SAT
d	7 215005 A4.04	2						X				<p><u>Bypass a Failed Local Power Range Monitor (S-NR-01)</u></p> <p>NRC: A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p><u>Validation Comments:</u> All items above corrected; removed specific TS conditions from performance standard in step 10.</p> <p>JPM IS SAT.</p>
e	1 201002 A4.01	2	X					X				<p><u>Monthly Notch Withdrawal Surveillance (S-RD-01)</u></p> <p>NRC: A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>Insert a period on the I/C pages for the examiner and applicant ending the sentence before the words Notify the Unit Supervisor...</p> <p><u>Validation Comments:</u> All items above corrected; changed validation time to 15 minutes.</p> <p>JPM IS SAT</p>
f	5 223001 A4.10	3						X				<p><u>Establish Normal Nitrogen Makeup to the Drywell (S-VQ-13)</u></p> <p>NRC: A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p><u>Validation Comments:</u> All items above corrected; changed name of JPM and removed portion of JPM securing from inerting lineup.</p> <p>JPM IS SAT</p>
g	6 295003 AA2.01	3	X					X				<p><u>Respond to Loss of Bus 142X (S-AP-07)</u></p> <p>NRC: A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be</p>

																							S	<p>accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>I/C page for the examiner and applicant are not the same. Examiner sheet just says Unit 1 scrambled. Applicant sheet talks about a fire in the LSH and Unit 1 at 20% with RR pumps ready to upshift.</p> <p><u>Validation Comments:</u> All items above corrected; step 5 changed to 142Y in the performance standard; made steps 8 and 10 critical steps; corrected numbering error starting on step 27.</p> <p>JPM IS SAT</p>
h	4 205000 A2.06	3																					S	<p><u>Respond to Loss of Shutdown Cooling due to Pump Trip</u></p> <p><u>NRC:</u> Agree with recommended changes.</p> <p>TIME COMPRESSION</p> <p><u>Validation Comments:</u> All items above corrected; starting with step E.6.6.3 of LOP-RH-07; cue sheets for examiner and applicant match for initial conditions; JPM ending after RHR SDC flow established 4000-5000 gpm.</p> <p>JPM IS SAT</p>
i	3 239002 A2.03	2	X																				E	<p><u>Remove Fuses for a Stuck Open SRV (P-NB-01)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>On I/C sheet for the examiner and the applicant, direct the applicant to begin LOA-SRV-101 at Step 9 not 10. Step 9 has them use Table 1 to determine which fuses are associated with the stuck open SRV.</p> <p><u>Validation Comments:</u> All items above corrected.</p> <p>JPM IS SAT</p>
j	2 295031 EA1.05	2																					E	<p><u>Defeat RCIC Isolations IAW LGA-RI-101 (P-RI-02)</u></p> <p><u>NRC:</u> A clear Task Standard MUST be articulated IAW NUREG 1021, REV 11 App C (p. C-3) which describes the Critical Steps which must be accomplished to successfully complete</p>

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												S	<p>the JPM. Plain language statement which I recommend be incorporated on the JPM Summary page.</p> <p>Expected applicant actions for a lifted lead should be in the appropriate performance standards blocks. Specifically, place tape over lifted lead, etc.</p> <p><u>Validation Comments:</u> All items above corrected.</p> <p>JPM IS SAT</p>
k	8 400000 K6.01	2										S	<p><u>Respond to low Service Water Pressure due to Failed Open TCV IAW LOA-WS-101</u></p> <p><u>NRC:</u> Agree with recommended changes.</p> <p><u>Validation Comments:</u> All items above corrected; added EPN for inplant temperature indicator and examiner note that temperatures can be obtained in the MCR. Also corrected performance standard for reverse action valve 2WS102.</p> <p>JPM IS SAT</p>

Instructions for Completing This Table:

Check or mark any item(s) requiring a comment and explain the issue in the space provided using the guide below.

1. Check each JPM for appropriate administrative topic requirements (COO, EC, Rad, and EP) or safety function requirements and corresponding K/A. Mark in column 1. (ES-301, D.3 and D.4)
2. Determine the level of difficulty (LOD) using an established 1–5 rating scale. Levels 1 and 5 represent an inappropriate (low or high) discriminatory level for the license that is being tested. Mark in column 2 (Appendix D, C.1.f)
3. In column 3, “Attributes,” check the appropriate box when an attribute is **not met**:
 - The initial conditions and/or initiating cue is clear to ensure the operator understands the task and how to begin. (Appendix C, B.4)
 - The JPM contains appropriate cues that clearly indicate when they should be provided to the examinee. Cues are objective and not leading. (Appendix C, D.1)
 - All critical steps (elements) are properly identified.
 - The scope of the task is not too narrow (N) or too broad (B).
 - Excessive overlap does not occur with other parts of the operating test or written examination. (ES-301, D.1.a, and ES-301, D.2.a)
 - The task performance standard clearly describes the expected outcome (i.e., end state). Each performance step identifies a standard for successful completion of the step.
 - A valid marked up key was provided (e.g., graph interpretation, initialed steps for handouts).
4. For column 4, “Job Content,” check the appropriate box if the job content flaw **does not meet** the following elements:
 - Topics are linked to the job content (e.g., not a disguised task, task required in real job).
 - The JPM has meaningful performance requirements that will provide a legitimate basis for evaluating the applicant's understanding and ability to safely operate the plant. (ES-301, D.2.c)
5. Based on the reviewer's judgment, is the JPM as written (U)nacceptable (requiring repair or replacement), in need of (E)nhancement, or (S)atisfactory? Mark the answer in column 5.
6. In column 6, provide a brief description of any (U)nacceptable or (E)nhancement rating from column 5.

Save initial review comments and detail subsequent comment resolution so that each exam-bound JPM is marked by a (S)atisfactory resolution on this form.

Facility: LASALLE			Scenario: 1					Exam Date: November 2–10, 2020		
1	2	3	4	5	6	7	8	9	10	
Event	Realism / Cred.	Required Actions	Verifiable actions	LOD	TS	CTs	Scenario Overlap	U/E/S	Explanation	
1 Perform LOS-HP-Q1								S	Normal event <u>Validation comment</u> – Provide copy of surveillance to SRO also.	
2 HPCS Pump Trip (OC)					X			S	<u>Validation comment</u> – Open bullet for BOP securing the DGCWP.	
3 Lowering GS Steam Pressure								S	BOP manually controls GS Steam Header Pressure with 1GS-S2.	
4 SJAE Leak								S	Reactivity event <u>Validation comment</u> – EO communication indicating no issues identified in the field.	
5 '1A' TDRFP Oil Leak							X	S		
6 FCV Drifts Shut					X		X	E S	<u>NRC</u> : Add communication with the QNE that describes that the QNE will develop a reactivity plan to restore flow mismatch and evaluate core performance. Fix misspelling of word "restore" in ATC actions block <u>Validation comment</u> – All items corrected.	
7 Loss of Vacuum - SCRAM								S		
8 Hydraulic ATWS						XX	X	S	ATC manually lower RPV level to below -60 inches until reactor below falls below downscale indications on APRMs, but above -150 inches.	
9 SBLC Relief Valve Failure						X		S	<u>Validation comment</u> – Create table for CT start and stop times.	
9	0	0	0	0	2	3	6	E S	<u>NRC</u> : Make enhancements listed above. <u>Validation comment</u> – All items corrected.	

Facility: LASALLE			Scenario: 2 - LOW POWER SCENARIO						Exam Date: November 2 - 10, 2020	
1	2	3	4	5	6	7	8	9	10	
Event	Realism/ Cred.	Required Actions	Verifiable actions	LOD	TS	CTs	Scenario Overlap	U/E/S	Explanation	
1 Withdraw IRMs								S	Normal event	
2 IRM 'F' Stuck								S		
3 Raise RX Power to 1.5 TBV Open								S	Reactivity event <u>Validation comment</u> – Copy of rod movement sheet for the SRO. Event terminus after second control rod is withdrawn and coupling check performed.	
4 '1A' VT Exhaust Fan Trip							X	S		
5 Control Rod Drift Out					X			S	ATC manually reinserts control rod drifting out and ensures it stays inserted.	
6 RCIC Initiation					X			E S	<u>NRC</u> : Include detailed list of applicable steps from LOP-RI-03 for BOP placing RCIC in shutdown lineup. <u>Validation comment</u> – Item corrected.	
7 Steam Leak in RCIC Room						XX		S	<u>Validation comment</u> – Create table for CT start and stop times.	
8 ADS Valves Fail to Open						X		S	BOP manually opens 4 ADS valves to complete RPV Blowdown. BOP/ATC coordinate to restore RPV level into the normal shutdown following RPV Blowdown.	
8	0	0	0	0	2	3	7	E S	<u>NRC</u> : Make enhancements listed above. <u>Validation comment</u> – All items corrected. Changed BOP to crew in CT3 statement; turnover form indicates coming out of a RFO and use of continuous withdrawal is authorized.	

Facility: LASALLE			Scenario: 3					Exam Date: November 2 - 10, 2020		
1	2	3	4	5	6	7	8	9	10	
Event	Realism/ Cred.	Required Actions	Verifiable actions	LOD	TS	CTs	Scenario Overlap	U/E/S	Explanation	
1 Synchronize TG								S	Normal event <u>Validation comment</u> – Perform LOP-TG-02 steps E.35 – E.52.	
2 Raise Power to 15%								S	Reactivity event <u>Validation comment</u> – Copy of rod movement sheet for the SRO. Event terminus after third control rod is withdrawn and coupling check performed.	
3 SBGTS Low Flow					X			E S	NRC: IMD response seems to be missing the word, 'will'. I am assuming you meant to say, "we <i>will</i> report to the control room." <u>Validation comment</u> – Item corrected.	
4 RCMS Inoperable								S	<u>Validation comment</u> – Corrected expected annunciators to 1H13-P601-A402 and A502.	
5 CREVS Rad Monitor Failure					X			S		
6 MDRFP Flow Instrument Failed								S	ATC manually controls MDRFP Minimum Flow Valve. <u>Validation comment</u> – Add cue if min flow valve position is requested from engineering.	
7 Turbine High Vibes		X					X	E S	BOP manually opens Generator output breaker. NRC: "At direction of Unit Supervisor REDUCE Reactor power." Should be an action assigned to the ATC operator on the D-2. <u>Validation comment</u> – Item corrected. Event terminus – next event starts to build in on turbine trip.	
8 Steam Leak in Steam Tunnel						X	X	S		
9 MSIVs Fail Open							X	S		
10 Turbine Building Dampers Fail Open						X	X	S	ATC/BOP manually control reactor water level 20 – 50 inches per LGA-001. <u>Validation comment</u> – Add General Emergency offsite release value to the D-2.	
10	0	1	0	0	2	2	6	E S	NRC: Make enhancements listed above. <u>Validation comment</u> – All items corrected. Turnover form changed to perform LOP-TG-02 steps E.35 – E.52.	

Facility: LASALLE			Scenario: 4						Exam Date: November 2 - 10, 2020	
1	2	3	4	5	6	7	8	9	10	
Event	Realism/ Cred.	Required Actions	Verifiable actions	LOD	TS	CTs	Scenario Overlap	U/E/S	Explanation	
1 Swap WT Pumps								E S	Normal event NRC: D-2 incorrectly lists LOP-TG-02 as the procedure used to swap WT pumps. Should be LOP-WT-02. <u>Validation comment</u> – Item corrected.	
2 RT Pump Trip		X					X	E S	NRC: Update LOA-RT-101 to account for opening filter/demin bypass valve. D-2 indicates that an EO should be sent to the field to verify multiple requirements prior to standby pump start IAW LOP-RT-02 but does not list what those conditions are. <u>Validation comment</u> – Item corrected. EO report that the RT pump tripped on over current. EO reports for steps 4 and 5 added. Event terminus will correspond with completion of idle demineralizes flush.	
3 HPCS Spurious Initiation			X		X		X	E S	NRC: D-2 should include action to place HPCS pump control switch in PULL-TO-LOCK to prevent the pump from restarting. Terminus step incorrectly says when SBGT is secured, should say when HPCS is secured. <u>Validation comment</u> – All items corrected.	
4 Loss of Bus 138								S		
5 Loss of HP Feedwater Heating								S	Reactivity event	
6 RR Pump Motor Cooling Leak					X		X	S	<u>Validation comment</u> – Add open bullet to exit Region 1 with CRAM rods.	
7 Unisolable FW Rupture						X	X	S	ATC/BOP coordinate to restore RPV level above TAF with ECCS pumps.	
8 Electrical ATWS						X	X	S	ATC manually initiates ARI after manual/Auto scram and automatic ARI fails.	
9 LPCS Fails to Start								S	BOP manually starts a LPCS pump which fails to auto start.	
9	0	1	1	0	2	2	4	E S	NRC: Make enhancements listed above. <u>Validation comment</u> – All items corrected.	

Instructions for Completing This Table:

Use this table for each scenario for evaluation.

- 2 Check this box if the events are not related (e.g., seismic event followed by a pipe rupture) **OR** if the events do not obey the laws of physics and thermodynamics.
- 3, 4 In columns 3 and 4, check the box if there is **no** verifiable or required action, as applicable. Examples of required actions are as follows: (ES-301, D.5f)
 - opening, closing, and throttling valves
 - starting and stopping equipment
 - raising and lowering level, flow, and pressure
 - making decisions and giving directions
 - acknowledging or verifying key alarms and automatic actions (Uncomplicated events that require no operator action beyond this should **not** be included on the operating test unless they are necessary to set the stage for subsequent events. (Appendix D, B.3))
- 5 Check this box if the level of difficulty is **not** appropriate.
- 6 Check this box if the event has a TS.
- 7 Check this box if the event has a critical task (CT). If the same CT covers more than one event, check the event where the CT started **only**.
- 8 Check this box if the event overlaps with another event on any of the last two NRC examinations. (Appendix D, C.1.f)
- 9 Based on the reviewer's judgment, is the event as written (U)nacceptable (requiring repair or replacement), in need of (E)nhancement, or (S)atisfactory? Mark the answer in column 9.
- 10 Record any explanations of the events here.

In the shaded boxes, sum the number of check marks in each column.

- In column 1, sum the number of events.
- In columns 2–4, record the total number of check marks for each column.
- In column 5, based on the reviewer's judgement, place a checkmark only if the scenario's LOD is not appropriate.
- In column 6, TS are required to be ≥ 2 for each scenario. (ES-301, D.5.d)
- In column 7, pre-identified CTs should be ≥ 2 for each scenario. (Appendix D; ES-301, D.5.d; ES-301-4)
- In column 8, record the number of events not used on the two previous NRC initial licensing exams. A scenario is considered unsatisfactory if there is < 2 new events. (ES-301, D.5.b; Appendix D, C.1.f)
- In column 9, record whether the scenario as written (U)nacceptable, in need of (E)nhancement, or (S)atisfactory from column 11 of the simulator scenario table.

Facility: LASALLE									Exam Date: November 2 - 10, 2020	
Scenario	1 Event Totals	2 Events Unsat.	3 TS Total	4 TS Unsat.	5 CT Total	6 CT Unsat.	7 % Unsat. Scenario Elements	8 U/E/S	11 Explanation	
1	9	0	2	0	3	0	0	E	<u>NRC</u> : All items corrected.	
2	8	0	2	0	3	0	0	E	<u>NRC</u> : All items corrected.	
3	10	0	2	0	2	0	0	E	<u>NRC</u> : All items corrected.	
4	9	0	2	0	2	0	0	E	<u>NRC</u> : All items corrected.	

Instructions for Completing This Table:

Check or mark any item(s) requiring comment and explain the issue in the space provided.

1, 3, 5 For each simulator scenario, enter the **total** number of events (column 1), TS entries/actions (column 3), and CTs (column 5).

This number should match the respective scenario from the event-based scenario tables (the sum from columns 1, 6, and 7, respectively).

2, 4, 6 For each simulator scenario, evaluate each event, TS, and CT as (S)atisfactory, (E)nhance, or (U)nsatisfactory based on the following criteria:

- a. Events. Each event is described on a Form ES-D-2, including all switch manipulations, pertinent alarms, and verifiable actions. Event actions are balanced between at-the-controls and balance-of-plant applicants during the scenario. All event-related attributes on Form ES-301-4 are met. Enter the total number of unsatisfactory events in column 2.
- b. TS. A scenario includes at least two TS entries/actions across at least two different events. TS entries and actions are detailed on Form ES-D-2. Enter the total number of unsatisfactory TS entries/actions in column 4. (ES-301, D.5d)
- c. CT. Check that a scenario includes at least two pre-identified CTs. This criterion is a target quantitative attribute, not an absolute minimum requirement. Check that each CT is explicitly bounded on Form ES-D-2 with measurable performance standards (see Appendix D). Enter the total number of unsatisfactory CTs in column 6.

7 In column 7, calculate the percentage of unsatisfactory scenario elements: $\left(\frac{2 + 4 + 6}{1 + 3 + 5}\right) 100\%$

8 If the value in column 7 is > 20%, mark the scenario as (U)nsatisfactory in column 8. If column 7 is ≤ 20%, annotate with (E)nhancement or (S)atisfactory.

9 In column 11, explain each unsatisfactory event, TS, and CT. Editorial comments can also be added here.

Save initial review comments and detail subsequent comment resolution so that each exam-bound scenario is marked by a (S)atisfactory resolution on this form.

Facility: LASALLE

Exam Date: November 2 - 10, 2020

OPERATING TEST TOTALS

	Total	Total Unsat.	Total Edits	Total Sat.	% Unsat.	Explanation
Admin. JPMs	9	0	9	0		
Sim/In-Plant JPMs	11	0	9	2		
Scenarios	4	0	4	0		
Op. Test Totals:	24	0	22	2	0%	SATISFACTORY SUBMITTAL

Instructions for Completing This Table:

Update data for this table from quality reviews and totals in the previous tables and then calculate the percentage of total items that are unsatisfactory and give an explanation in the space provided.

1. Enter the total number of items submitted for the operating test in the "Total" column. For example, if nine administrative JPMs were submitted, enter "9" in the "Total" items column for administrative JPMs. For scenarios, enter the total number of simulator scenarios.
2. Enter the total number of (U)nsatisfactory JPMs and scenarios from the two JPMs column 5 and simulator scenarios column 8 in the previous tables. Provide an explanation in the space provided.
3. Enter totals for (E)nhancements needed and (S)atisfactory JPMs and scenarios from the previous tables. This task is for tracking only.
4. Total each column and enter the amounts in the "Op. Test Totals" row.
5. Calculate the percentage of the operating test that is (U)nsatisfactory (Op. Test Total Unsat.)/(Op. Test Total) and place this value in the bolded "% Unsat." cell.

Refer to ES-501, E.3.a, to rate the overall operating test as follows:
 - satisfactory, if the "Op. Test Total" "% Unsat." is ≤ 20%
 - unsatisfactory, if "Op. Test Total" "% Unsat." is > 20%
6. Update this table and the tables above with post-exam changes if the "as-administered" operating test required content changes, including the following:
 - The JPM performance standards were incorrect.
 - The administrative JPM tasks/keys were incorrect.
 - CTs were incorrect in the scenarios (not including post scenario critical tasks defined in Appendix D).
 - The EOP strategy was incorrect in a scenario(s).
 - TS entries/actions were determined to be incorrect in a scenario(s).