
VARIOUS CHECKLISTS

FOR THE LASALLE INITIAL EXAMINATION - MARCH 2005

Facility: <u>LaSalle</u>		Date of Examination: <u>March</u>
Examinations Developed by: Facility / NRC (circle one)		<u>2005</u>
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	BP
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	BP
-120	3. Facility contact briefed on security and other requirements (C.2.c)	BP
-120	4. Corporate notification letter sent (C.2.d)	BP
[-90]	5. Reference material due (C.1.e; C.3.c; Attachment 2))	NA BP
-75	6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d)	BP
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	BP
-45	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6), and reference materials due (C.1.e, f, g and h; C.3.d)	BP
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	BP
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	BP
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	BP
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	BP
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	BP
-7	14. Final applications reviewed; examination approval and waiver letters sent (C.2.i; Attachment 4; ES-204)	BP
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	BP
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	BP
<p>* Target dates are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.</p> <p>[] Applies only to examinations prepared by the NRC.</p>		

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1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 3/7/2005 as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the week(s) of 3/7/2005. From the date that I entered into this security agreement until the completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted below and authorized by the NRC.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE NOTE
1. JOHN E. ROSS	EXAM AUTHORITY	<i>John E. Ross</i>	10/19/2004	<i>John E. Ross</i>	3/14/05
2. JOCELYN M. NASH	Training DBA / Key master core	<i>Jocelyn M. Nash</i>	10/19/04	<i>Jocelyn M. Nash</i>	3/14/05
3. HAROLD VINYARD	OPS SHIFT MANAGER	<i>Harold Vinyard</i>	10/20/04	<i>Harold Vinyard</i>	3/15/05
4. STEVE RUSSELL	OPS TRAINING SPECIALIST	<i>Steve Russell</i>	10/20/04	<i>Steve Russell</i>	3/11/05
5. LYNN GASSMAN	OSS TRAINING	<i>Lynn Gassman</i>	11/3/04	<i>Lynn Gassman</i>	3/14/05
6. Grant Hayden	Sim Coordinator	<i>Grant Hayden</i>	11/12/04	<i>Grant Hayden</i>	3/14/05
7. JOHN MONTGOMERY	RP INSTRUCTOR	<i>John P. Montgomery</i>	11/17/04	<i>John P. Montgomery</i>	3/11/05
8. MARK ZICKFOOSE	EXAM ASSISTANT	<i>Mark Zickfoose</i>	12/3/04	<i>Mark Zickfoose</i>	3/11/05
9. TOM BADALAMENTI	SIMULATOR Analyst	<i>Tom Badalamenti</i>	12/15/04	<i>Tom Badalamenti</i>	3/11/05
10. Todd Grandland	Shift Manager	<i>Todd Grandland</i>	12/22/04	<i>Todd Grandland</i>	3/11/05
11. SHANNON FRY	EXAM Reviewer	<i>Shannon Fry</i>	1/13/05	<i>Shannon Fry</i>	3/16/05
12. Robert James (Jim) Ray	ESP/SAMG Coordinator	<i>Robert James Ray</i>	1-18-05	<i>Robert James Ray</i>	3-15-05
13. MIKE MULKA	NSO VALIDATOR	<i>Mike Mulka</i>	1-20-05	<i>Mike Mulka</i>	3-16-05
14. Richard Calvin	SRO Validator	<i>Richard Calvin</i>	1/20/05	<i>Richard Calvin</i>	3/16/05
15. JAMES L. RAY	NSO Validator	<i>James L. Ray</i>	1-20-05	<i>James L. Ray</i>	3/16/05

NOTES:

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2. Post-Examination

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Douglas J Evans	Validator	<i>[Signature]</i>	1/20/05	<i>[Signature]</i>	3/30/05	①
2. Scott Wilkinson	Validator	<i>[Signature]</i>	1/25/05	<i>[Signature]</i>	3-17-05	
3. R. HAWKINS	VALIDATOR	<i>[Signature]</i>	2/25/05	<i>[Signature]</i>	17 MAR 05	
4. Patricia J. Lehman	Review	<i>[Signature]</i>	2/24/05	<i>[Signature]</i>	3/14/05	E
5. JOHN P. LINDSEY	OVERVIEW - OSM	<i>[Signature]</i>	2/16/05	<i>[Signature]</i>	3/1/05	
6. ROBB BLAIR	VALIDATOR	<i>[Signature]</i>	2/20/5	<i>[Signature]</i>	3/17/5	
7. Tony S. Adams	RO / Validator /	<i>[Signature]</i>	2-22-5	<i>[Signature]</i>	3-16-5	
8. GUY FORD JR.	SRO / VALIDATOR	<i>[Signature]</i>	2-22-05	<i>[Signature]</i>	3/15/05	
9. CURTIS L. McCUNE	ET/SIM. SUPPORT	<i>[Signature]</i>	2/23/05	<i>[Signature]</i>	3/14/05	
10. PAUL CARLSON	IT - SIM SUPPORT	<i>[Signature]</i>	2/23/05	<i>[Signature]</i>	3/15/05	
11. MIKE BACCO	NLO	<i>[Signature]</i>	2/24/05	<i>[Signature]</i>	3/17/5	
12. DONALD PUCKETT	INSTRUCTOR	<i>[Signature]</i>	3/8/05	<i>[Signature]</i>	3/17/5	
13. Shane McGill	SOS / OVERVIEW	<i>[Signature]</i>	3/8/05	<i>[Signature]</i>	3/15/05	
14. Rudy Caputo	N50 Swrogate	<i>[Signature]</i>	3/9/05	<i>[Signature]</i>	3/16/05	
15. N/A	N/A	N/A	N/A	N/A	N/A	N/A

NOTES:

① DONG EVANS IS ON 2 WEEKS MILITARY DUTY AND WILL RETURN TO WORK 03/26/2005
 HIS SIGNATURE (2) WILL BE FORWARDED THEN (PER CONVERSATION w/ LGAD EXAMINER 03/14/05).
 Page 2 of 2

Facility: <u>Lasalle</u>		Date of Examination: <u>3/07/05</u>		Operating Test Number: <u>2003-01</u>	
1. GENERAL CRITERIA			Initials		
			a	b*	c#
a.	The operating test conforms with the previously approved outline; changes are consistent with sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution).	je	HTV	BP	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	je	HTV	BP	
c.	The operating test shall not duplicate items from the applicants' audit test(s)(see Section D.1.a).	je	HTV	BP	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	je	HTV	BP	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	je	HTV	BP	
2. WALK-THROUGH CRITERIA			--	--	--
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> • initial conditions • initiating cues • references and tools, including associated procedures • reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee • operationally important specific performance criteria that include: <ul style="list-style-type: none"> - detailed expected actions with exact criteria and nomenclature - system response and other examiner cues - statements describing important observations to be made by the applicant - criteria for successful completion of the task - identification of critical steps and their associated performance standards - restrictions on the sequence of steps, if applicable 	je	HTV	BP	
a.	Ensure that any changes from the previously approved systems and administrative walk-through outlines (Forms ES-301-1 and 2) have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last 2 NRC examinations) specified on those forms and Form ES-201-2.	je	HTV	BP	
3. SIMULATOR CRITERIA			--	--	--
The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.			je	HTV	BP
a. Author	<u>JOHN E. ROSS</u> <i>[Signature]</i>	Printed Name / Signature		Date	
b. Facility Reviewer (*)	<u>HAROLD VINYARD</u> <i>[Signature]</i>			<u>01/27/2005</u>	
c. NRC Chief Examiner (#)	<u>Bruce Palagi</u> <i>[Signature]</i>			<u>1/28/05</u>	
d. NRC Supervisor	<u>Hironori Peterson</u> <i>[Signature]</i>			<u>2/28/05</u>	
NOTE: * The facility signature is not applicable for NRC-developed tests # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence is required.					

Ready for validation BP POF
Palagi Lacksbary

Facility: LaSalle		Date of Exam: 03/07/2005		Scenario Numbers: 1 / 3 /		Operating Test Number: 2003-01			
QUALITATIVE ATTRIBUTES							Initials		
							a	b*	c#
1.	The initial conditions are realistic, in that some equipment and/or instrumentation maybe out of service, but it does not cue the operators into expected events.	je	HTV	BP					
2.	The scenarios consist mostly of related events.	je	HTV	BP					
3.	Each event description consists of <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) that are entered to initiate the event the symptoms/cues that will be visible to the crew the expected operator actions (by shift position) the event termination point (if applicable) 	je	HTV	BP					
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.	je	HTV	BP					
5.	The events are valid with regard to physics and thermodynamics.	je	HTV	BP					
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	je	HTV	BP					
7.	If time compression techniques are used, the scenario summary clearly so indicates. Operators have sufficient time to carry out expected activities without undue time constraints. Cues are given.	je	HTV	BP					
8.	The simulator modeling is not altered.	je	HTV	BP					
9.	The scenarios have been validated. Pursuant to 10CFR55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	je	HTV	BP					
10.	Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301.	je	HTV	BP					
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	je	HTV	BP					
12.	Each applicant will be significantly involved in the minimum number of transients and events specified on Form ES-301-5 (submit the form with the simulator scenarios).	je	HTV	BP					
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	je	HTV	BP					
Target Quantitative Attributes (Per Scenario; See Section D.5.d)				Actual Attributes		-	-	-	
1.	Total malfunctions (5-8)	6 / 6 /		je	HTV	BP			
2.	Malfunctions after EOP entry (1-2)	2 / 3 /		je	HTV	BP			
3.	Abnormal events (2-4)	4 / 3 /		je	HTV	BP			
4.	Major transients (1-2)	1 / 2 /		je	HTV	BP			
5.	EOPs entered/requiring substantive actions (1-2)	2 / 2 /		je	HTV	BP			
6.	EOP contingencies requiring substantive actions (0-2)	1 / 2 /		je	HTV	BP			
7.	Critical tasks (2-3)	2 / 2 /		je	HTV	BP			

Facility: LaSalle	Date of Examination: 03/07/2005								Operating Test No.: 2003-01							
Competencies	APPLICANTS															
	RO - ATC				SRO-I/SRO-U				RO / SRO-I / SRO-U				RO / SRO-I / SRO-U			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/ Diagnose Events and Conditions	1,3,5,6		1,2,3,5,6		1-6		1-6									
Comply With and Use Procedures (1)	1,3,5,6		1,2,3,5,6		1-6		1-6									
Operate Control Boards (2)	1,3,5,6		1,2,3,5,6		N/A		N/A									
Communicate and Interact	1,3,5,6		1,2,3,5,6		1-6		1-6									
Demonstrate Supervisory Ability (3)	N/A		N/A		1-6		1-6									
Comply With and Use Tech Specs. (3)	N/A		N/A		2,4		3,4									

Notes:
 (1) Includes Technical Specification compliance for an RO.
 (2) Optional for an SRO-U.
 (3) Only applicable to SROs.

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

John E. Brown

NRC Reviewer:

Bene Pulley

Tier / Group	Randomly Selected K/A	Reason for Rejection
<i>NOTE: The following 8 K/As were rejected during the process of creating the Exam Outline.</i>		
1/1 (SRO Exam)	295016 2.1.32	1. Balance of coverage based on ES-401 Section D.1.d, replaced with randomly selected K/A 295016 2.2.25.
1/2 (SRO Exam)	295010 2.1.32	2. Balance of coverage based on ES-401 Section D.1.d, replaced with randomly selected K/A 295010 2.1.2.
2/1 (SRO Exam)	300000 2.1.32	3. Balance of coverage based on ES-401 Section D.1.d, replaced with randomly selected K/A <u>300000</u> 2.4.4.
2/2 (RO Exam)	201003 K2	4. There are no K2s listed for 201003, replaced with randomly selected K/A 201003 K3.01.
2/2 (RO Exam)	288000 K2	5. All listed K2s for 288000 are less than 2.5 IR, replaced with randomly selected K/A 288000 K5.02.
3 (SRO Exam)	2.1.30	6. No link to 10 CFR 55.43, replaced with randomly selected K/A 2.1.13.
3 (SRO Exam)	2.2.13	7. No link to 10 CFR 55.43, replaced with randomly selected K/A 2.2.23.
3 (SRO Exam)	2.4.40	8. No link to 10 CFR 55.43, replaced with randomly selected K/A 2.4.49.
<i>NOTE: Upon further review of the submitted Exam Outline, the following 3 K/As were rejected.</i>		
1/2 (SRO Exam)	295010 2.1.2	9. No link to 10 CFR 55.43, replaced with randomly selected K/A 295010 2.1.7.
1/2 (SRO Exam)	295033 2.1.30	10. No link to 10 CFR 55.43, replaced with randomly selected K/A 295033 2.4.6.
2/2 (SRO Exam)	202002 2.1.2	11. No link to 10 CFR 55.43, replaced with randomly selected K/A 202002 2.1.14.
<i>NOTE: The following 7 K/As were rejected during the question writing process.</i>		
2/2 (SRO Exam)	234000 A1.02	12. Balance of coverage, overlap with other K/As, based on ES-401 Section D.1.d, replaced with randomly selected K/A 234000 A4.01.
2/1 (RO Exam)	215004 2.2.22	13. Balance of coverage, overlap with other K/As, based on ES-401 Section D.1.d, replaced with randomly selected K/A 215004 2.1.28.
2/2 (RO Exam)	219000 A2.16	14. Inability to write a quality operationally valid question and relatively low RO IR rating, replaced with randomly selected K/A 219000 A2.03.
3 (RO Exam)	2.2.25	15. No link to 10 CFR 55.41 or 55.43, replaced with randomly selected K/A 2.2.12.
1/2 (RO Exam)	295033 EK2.02	16. Balance of coverage, overlap with other K/As, and inability to write a quality question, replaced with randomly selected K/A 295002 EK2.06.
2/2 (RO Exam)	209001 K6.03	17. Balance of coverage, double jeopardy with question #16 (295030 EK3.07), replaced with 217000 K6.04.
2/1 (RO Exam)	205000 K3.02	18. Inability to write a quality discriminating question with 3 plausible distracters, replaced with randomly selected K/A 205000 K3.03.
<i>NOTE: Reasons numbered 2 and 3 above correct typos from the Exam Outline Submittal (bold text).</i>		

Facility: LASALLE		Date of Exam: 3/07/05		Exam Level: RO/SRO		
Item Description	Initial					
	a	b*	c*			
1. Questions and answers are technically accurate and applicable to the facility.	je	HTV	BP			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	je	HTV	BP			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	je	HTV	BP			
4. If more than four RO and two SRO questions are repeated from the last two NRC licensing exam, the facility licensee's sampling process was random and systematic.			BP			
5. Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input checked="" type="checkbox"/> the audit exam was systematically and randomly developed <input type="checkbox"/> the audit exam was completed before the license exam was started <input type="checkbox"/> the examinations were developed independently <input type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)	je	HTV	BP			
6. Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest new or modified); enter the actual RO / SRO-only question distribution(s) at right.	Bank	Modified	New	je	HTV	BP
	14 / 1	8 / 2	53 / 22			
7. Between 50 and 60 percent of the questions on the RO exam are written at the comprehension /analysis level; the SRO exam may exceed 60 percent if the randomly selected KAs support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.	Memory	C/A		je	HTV	BP
	36 / 8	39 / 17				
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	je	HTV	BP			
9. Question content conforms with specific K/A statements in the previously approved examination outline and is appropriate for the Tier to which they are assigned; deviations are justified	je	HTV	BP			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	je	HTV	BP			
11. The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet	je	HTV	BP			
Printed Name / Signature				Date		
a. Author	<u>John E. Ross</u>			<u>01/28/2005</u>		
b. Facility Reviewer (*)	<u>HAROLD VINYARD</u>			<u>1/28/05</u>		
c. NRC Chief Examiner (#)	<u>Bruce Palagi</u>			<u>2/28/05</u>		
d. NRC Regional Supervisor	<u>Hironori Peterson</u>			<u>3/1/05</u>		
Note: * The facility reviewer's initials/signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.						

Comments Reviewed with Supr BP RDP
 prior to validation visit Palagi Lauksbury

Facility:	Date of Exam:	Exam Level: RO/SRO		
Item Description	Initials			
	a	b	c	
1. Clean answer sheets copied before grading	JL	NA	BP	
2. Answer key changes and question deletions justified and documented	JL		BP	
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	JL		BP	
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	NA		NA	
5. All other failing examinations checked to ensure that grades are justified	NA		NA	
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	JL		BP	

	Printed Name/Signature	Date
a. Grader	<u>David W Reeser</u> <i>David W Reeser</i>	<u>3/23/05</u>
b. Facility Reviewer(*)	<u>NA</u>	<u>NA</u>
c. NRC Chief Examiner (*)	<u>Bruce Palagi / Bruce Palagi</u> <i>Bruce Palagi</i>	<u>3/23/05</u>
d. NRC Supervisor (*)	<u>B. Palagi For RDL / Bruce Palagi *</u> <i>B. Palagi</i>	<u>4/11/05</u>

(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.

* forgot to have this signed on 3/22/05