





EXAM ASSIGNMENT TICKLER

Chief:	Gargow		CAL Retake	Date of Written Exam:	5/4/2015
Start of Op Test:		5/4/2015	End of Op Test		
Written Exam Developed By: NRC / Facility			Operating Test Developed By: NRC / Facility		
Due Date	Description	Date Complete	Initials	Notes	
11/3/2014	Written Exam & Op Test Dates Confirmed	01/15/2015	JMB		
12/29/2014	NRC Examiners & Facility Contact Assigned	01/15/2015	JMB		
12/29/2014	Facility Contact Briefed on Security & Other Req's	01/16/2015	JMB		
12/29/2014	Corporate Notification Letter sent	02/02/2015	JMB	ES-201 Att-4 produced by CE	
2/2/2015	Reference material due (if NRC authored)	NA	JMB	ES-201 Att-3	
2/16/2015	Integrated exam outlines due	NA	JMB		
2/23/2015	Outlines reviewed by CE; feedback approved by BC	NA	JMB	ES-201-2 signed by CE & BC	
2/23/2015	Feedback on integrated outlines provided to facility	NA	JMB		
4/9/2015	DRAFT exam / docs / support reference material due	4/7/2015	JMB		
4/15/2015	Peer review of written exam complete	4/7/2015	JMB	Document review on ES-401-9	
4/20/2015	Preliminary license applications due	4/10/2015	JMB	NRC Forms 398/396	
4/20/2015	Preliminary license applications and waivers reviewed	4/13/2015	JMB		
4/20/2015	DRAFT exam reviewed by CE; feedback approved by BC	4/8/2015	JMB		
4/20/2015	Feedback on DRAFT exam provided to facility	4/9/2015	JMB		
9/14/2009	On-site validation & 10% audit of license applications	NA	JMB		
5/4/2015	Final applications due & List of Applicants prepared	5/1/2015	JMB	ES-201-4 prepared by LA	
5/11/2015	Final applications approved & waiver letters sent	5/12/15	JMB		
5/11/2015	Branch Chief approves FINAL exam (Written & Op Test)	5/12/15	JMB	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	
5/11/2015	Proctoring/written exam admin guidelines reviewed w/ facility	5/14/15	JMB		
5/11/2015	Exam material to exam team	NA	JMB		
5/18/2015	Administer Written Test	5/18/15	JMB		
5/25/2015	Facility post-exam documentation due	5/19/15	JMB		
5/29/2015	NRC written exam grading completed	5/19/15	JMB	ES-403-1 to BC	
NA	Examiner's document op test results on ES 303's	NA	JMB		
6/1/2015	Chief Examiner review of written exam & op test completed	5/19/15	JMB	Signed ES 303's to BC	
6/8/2015	Branch Chief review of exam results completed	5/19/15	JMB		
6/18/2015	Waivers/deferrals reviewed for impact on licensing decision	5/19/15	JMB		
6/18/2015	License/Denial letters mailed; Facility notified of results	5/19/15	JMB		
6/18/2015	RPS/IP number of examinees updated	5/18/15	JMB	print Report-21	
6/30/2015	Examination Report Issued	5/26/15	JMB	produced by CE	
7/6/2015	SUNSI checklist complete and exam docs to ADAMS	5/26/15	JMB	SUNSI checklist to LA	
7/6/2015	Ref Mat'l Returned after Final Resolution of Appeals	NA	JMB		
Replaces NUREG-1021, Revision 9, Supp 1, Forms ES-201-1 and ES-501-1					

Facility:		Date of Examination:		
Item	Task Description	Initials		
		a	b*	c#
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model, in accordance with ES-401 or ES-401N.	AMS	ML	SMB
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 or ES-401N and whether all K/A categories are appropriately sampled.	AMS	ML	SMB
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	AMS	ML	SMB
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	AMS	ML	SMB
2. S I M U L A T O R	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, technical specifications, and major transients.	NA		
	b. Assess whether there are enough scenario sets (and spares) to test the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity, and ensure that each applicant can be tested using at least one new or significantly modified scenario, that no scenarios are duplicated from the applicants' audit test(s), and that scenarios will not be repeated on subsequent days.	NA		
	c. To the extent possible, assess whether the outline(s) conform(s) with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D.	NA		
3. W A L K T H R O U G H	a. Verify that the systems walk-through outline meets the criteria specified on Form ES-301-2: (1) the outline(s) contain(s) the required number of control room and in-plant tasks distributed among the safety functions as specified on the form (2) task repetition from the last two NRC examinations is within the limits specified on the form (3) no tasks are duplicated from the applicants' audit test(s) (4) the number of new or modified tasks meets or exceeds the minimums specified on the form (5) the number of alternate path, low-power, emergency, and RCA tasks meet the criteria on the form.	NA		
	b. Verify that the administrative outline meets the criteria specified on Form ES-301-1: (1) the tasks are distributed among the topics as specified on the form (2) at least one task is new or significantly modified (3) no more than one task is repeated from the last two NRC licensing examinations	NA		
	c. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	NA		
4. G E N E R A L	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam sections.	SMB	ML	JB
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	SMB	ML	SMB
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	AMS	ML	SMB
	d. Check for duplication and overlap among exam sections.	NA	ML	SMB
	e. Check the entire exam for balance of coverage.	SMB	ML	SMB
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	SMB	ML	SMB
a. Author	Printed Name/Signature		Date	
b. Facility Reviewer (*)	<i>Michael Leonard</i>		2/3/15	
c. NRC Chief Examiner (#)	<i>Stephen Garchow / JM</i>		3/7/15	
d. NRC Supervisor	<i>Vincent Gaddy / Vincent Gaddy</i>		2/3/15 4/11/15	
Note:	# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines.			

Facility:	Date of Exam:	Exam Level: RO <input type="checkbox"/> SRO <input type="checkbox"/>	
Item Description	Initial		
	a	b*	c#
1. Questions and answers are technically accurate and applicable to the facility.	ye	ne	jfb
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	ye	ne	jfb
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	ye	ne	jfb
4. The sampling process was random and systematic (If more than 4 RO or 2 SRO questions were repeated from the last 2 NRC licensing exams, consult the NRR OL program office).			jfb
5. Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: ___ the audit exam was systematically and randomly developed; or ___ the audit exam was completed before the license exam was started; or ___ the examinations were developed independently; or ___ the licensee certifies that there is no duplication; or ___ other (explain)	ye	ne	jfb
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
	N/A / 5	N/A / 4	N/A / 6
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 K/As support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.	Memory	CIA	
	N/A / 7	N/A / 18	
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	ye	ne	jfb
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.	ye	ne	jfb
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	ye	ne	jfb
11. The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with the value on the cover sheet.	ye	ne	jfb
Printed Name / Signature			Date
a. Author	Phillip S. Swan / PLS		4/6/15
b. Facility Reviewer (*)	Mark Covey / Mark C		4/6/15
c. NRC Chief Examiner (#)	Steve Gardner / Steve Gardner		5/11/15
d. NRC Regional Supervisor	Vincent Gaddy / Vincent Gaddy		5/11/15
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.			

Facility: <u>Callaway</u>		Date of Exam: <u>5/18/15</u>		Exam Level: RO <input type="checkbox"/>	SRO <input checked="" type="checkbox"/>
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>PRE</u>	<u>LEM</u>	<u>JMB</u>		
2. Answer key changes and question deletions justified and documented	<u>N/A</u>	<u>N/A</u>	<u>NA</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>PRE</u>	<u>LEM</u>	<u>JMB</u>		
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	<u>PRE</u>	<u>LEM</u>	<u>JMB</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>N/A</u>	<u>N/A</u>	<u>NA</u>		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<u>PRE</u>	<u>LEM</u>	<u>NA</u>		
Printed Name/Signature		Date			
a. Grader	<u>Phillip Swan / </u>	<u>5/18/15</u>			
b. Facility Reviewer(*)	<u>Lloyd R. Morgan / </u>	<u>5/18/15</u>			
c. NRC Chief Examiner (*)	<u></u>	<u>5/19/15</u>			
d. NRC Supervisor (*)	<u>Vincent Gaddy / </u>	<u>5/19/15</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

08:22:59

Operator Licensing Exam Schedule

From 05/01/2015 To 06/30/2015

Region: 4 Phase Code: 5

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
01/28/2015	Callaway / 05000483 / 2015301 TAC #: X02582		Prep	NFF	GARCHOW, STEPHEN M.	GARCHOW, STEPHEN M.
05/18/2015	Callaway / 05000483 / 2015301 TAC #: X02582	SROI - 1	Admin	NFF	GARCHOW, STEPHEN M.	GARCHOW, STEPHEN M.
05/19/2015	Callaway / 05000483 / 2015301 TAC #: X02582		Doc	NFF	GARCHOW, STEPHEN M.	GARCHOW, STEPHEN M.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of May 18th 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 . 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. <u>Phillip Suen</u>	<u>Exam Author</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
2. <u>Rob Morgan</u>	<u>Exam Writer</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
3. <u>Mark Ricker</u>	<u>Exam Writer</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
4. <u>Mark Wallace</u>	<u>Classical Support</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
5. <u>Mark Gray</u>	<u>Human Ops / Skills NY</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
6. <u>Tom Hollowell</u>	<u>Shift Manager</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
7. <u>Brandon Long</u>	<u>Shift Manager/Operating Support</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
8. <u>Tim Pitts</u>	<u>Operating Supervisor</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
9. <u>Greg Pitts</u>	<u>Operating Supervisor</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
10. <u>Paul Sellers</u>	<u>Operating Supervisor</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
11. <u>Alfred Dwyer</u>	<u>Operational Supervisor</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
12. <u>Deirdre Clark</u>	<u>Operational Supervisor</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
13. <u>Paula Smith</u>	<u>Quality Supervisor</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>[Signature]</u>	<u>5/18/15</u>	
14. <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	
15. <u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	<u> </u>	

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