

## EXAM ASSIGNMENT TICKLER

(Written Exam Before Op Test)

4/22/15

<b>Chief:</b>	Brian T. Larson	<b>Facility:</b>	PV	<b>Date of Written Exam:</b>	4/10/2015
<b>Start of Op Test:</b>			4/13/2015	<b>End of Op Test:</b> 4/20/2015	
<b>Written Exam Developed By: NRC / Facility</b>			<b>Operating Test Developed By: NRC / Facility</b>		
Due Date	Description	Date Complete	Initials	Notes	
10/10/2014	Written Exam & Op Test Dates Confirmed	4/30/14	BR		
12/5/2014	NRC Examiners & Facility Contact Assigned	4/30/14	BR		
12/5/2014	Facility Contact Briefed on Security & Other Req's	4/30/14	BR		
12/5/2014	Corporate Notification Letter sent	5/29/14	BR	ES-201 Att-4 produced by CE	
8/1/2014	Reference material due (if NRC authored)	8-4-14	BR	ES-201 Att-3	
8/1/2014	Integrated exam outlines due	8-4-14	BR	FedEx delayed delivery	
8/15/2014	Outlines reviewed by CE; feedback approved by BC	9-2-14	BR	ES-201-2 signed by CE & BC	
8/15/2014	Feedback on integrated outlines provided to facility	9-2-14	BR	PV busy w/ BRQ	
1/30/2015 <del>2/16/15</del>	DRAFT exam / docs / support reference material due	2/6/15	CS		
2/6/2015	Peer review of written exam complete	2/13/15	CS	Document review on ES-401-9	
2/13/2015	DRAFT exam reviewed by CE; feedback approved by BC	3/2/15	CS	Awaiting PV Audit Exam <span style="float: right;">Rec'd 2/24</span>	
2/20/2015	Feedback on DRAFT exam provided to facility	3/2/15	CS		
3/6/2015	Preliminary license applications due	3/6/15	CS	NRC Forms 398/396	
3/13/2015	Preliminary license applications and waivers reviewed	3/10/15	CS		
3/16/2015	On-site validation & 10% audit of license applications	3/16/15	CS		
3/27/2015 <del>4/1/15</del>	Final applications due & List of Applicants prepared	3/30/15	CS	ES-201-4 prepared by LA	
3/27/2015 <del>4/1/15</del>	Final exam / docs / support reference material due	4/1/15	CS		
4/3/2015	Branch Chief approves FINAL exam (Written & Op Test)	4/6/15	CS	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	
4/3/2015	Proctoring/written exam admin guidelines reviewed w/ facility	4/6/15	CS		
4/6/2015	Exam material to exam team	4/6/15	CS		
4/13/2015	Administer Operating Test	4/13/15	CS		
4/27/2015	Facility post-exam documentation due	4/29/15	CS		
4/27/2015	NRC written exam grading completed	4/29/15	CS	ES-403-1 to BC	
4/27/2015	Examiner's document op test results on ES 303's	4/28/15	CS		
5/4/2015	Chief Examiner review of written exam & op test completed	5/7/15	CS	Signed ES 303's to BC	
5/11/2015	Branch Chief review of exam results completed	5/12/15	CS		
5/18/2015	Waivers/deferrals reviewed for impact on licensing decision	5/13/15	CS		
5/18/2015	License/Denial letters mailed; Facility notified of results	5/13/15	CS		
5/18/2015	RPS/IP number of examinees updated	5/13/15	CS	print Report-21	
6/1/2015	Examination Report Issued	6/10/15	CS	produced by CE	
6/8/2015	SUNSI checklist complete and exam docs to ADAMS	5/28/15	CS	SUNSI checklist to LA	
6/15/2015	Ref Mat'l Returned after Final Resolution of Appeals	N/A	CS		

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.	f	NA	NR
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all K/A categories are appropriately sampled.	f	NA	NR
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	f	NA	NR
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	f	NA	NR
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.	f	g	NR
	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.	f	g	NR
	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.	f	g	NR
3. W / T	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.	f	g	NR
	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	f	g	NR
	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.	f	g	NR
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.	f	g	NR
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	f	g	NR
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	f	g	NR
	d. Check for duplication and overlap among exam sections.	f	g	NR
	e. Check the entire exam for balance of coverage.	f	g	NR
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	f	g	NR

a. Author LARRY BURTON / Printed Name/Signature  
 b. Facility Reviewer (\*) Joe Allison / [Signature]  
 c. NRC Chief Examiner (#) BRIAN T. LARSON / [Signature]  
 d. NRC Supervisor Vincent G. [Signature] / Vincent Gaddy

Date  
 7/31/14  
 7/31/14  
 9/2/14  
 9/2/14

Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.  
 \* Not applicable for NRC-prepared examination outlines

Facility: <b>PVNGS</b>	Date of Exam:	Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description	Initial		
	a)	b*	c#
1. Questions and answers are technically accurate and applicable to the facility.	L	D	M
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	L	D	M
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	L	D	M
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).			M
5. Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input type="checkbox"/> the audit exam was systematically and randomly developed; or <input type="checkbox"/> the audit exam was completed before the license exam was started; or <input type="checkbox"/> the examinations were developed independently; or <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)	L	D	M
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
	<del>2122</del> 61 <del>6580</del>	21 2	4 1 50 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 K/As support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.	48	28	52 72
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	37	8	38 17
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.	L	D	M
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	L	D	M
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.	L	D	M
a. Author	Printed Name/ Signature		Date
b. Facility Reviewer (*)	<u>Larry Burton / L. B.</u>		2/5/15
c. NRC Chief Examiner (#)	<u>Joe Allison / J. Allison</u>		2/5/15
d. NRC Regional Supervisor	<u>Vincent Gaddy / Vincent Gaddy</u>		2/26/15
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:		Date of Examination:		Operating Test Number:		
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).			A	JG	3
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.			A	JG	3
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)			A	JG	3
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.			A	JG	3
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.			A	JG	3
2. Walk-Through Criteria				--	--	--
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> <li>• initial conditions</li> <li>• initiating cues</li> <li>• references and tools, including associated procedures</li> <li>• reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time-critical by the facility licensee</li> <li>• operationally important specific performance criteria that include:                         <ul style="list-style-type: none"> <li>– detailed expected actions with exact criteria and nomenclature</li> <li>– system response and other examiner cues</li> <li>– statements describing important observations to be made by the applicant</li> <li>– criteria for successful completion of the task</li> <li>– identification of critical steps and their associated performance standards</li> <li>– restrictions on the sequence of steps, if applicable</li> </ul> </li> </ul>			A	JG	3
b.	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.			A	JG	3
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.				A	JG	3
	Printed Name / Signature		Date			
a.	Author	Alan Malley <i>Alan Malley</i>	4/27/15			
b.	Facility Reviewer(*)	Joe Allison <i>Joe Allison</i>	4/27/15			
c.	NRC Chief Examiner (#)	Chris Stock <i>Chris Stock</i>	2/26/15			
d.	NRC Supervisor	Vincent Gaddy <i>Vincent Gaddy</i>	3/2/15			
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.						

Facility: PVNGS		Date of Exam: April 13-18, 2015		Scenario Numbers: 1 / 2 / 3		Operating Test No.: 2015	
QUALITATIVE ATTRIBUTES		Initials					
		a	b*	c#			
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but it does not cue the operators into expected events.	A	JR	CS			
2.	The scenarios consist mostly of related events.	A	JR	CS			
3.	Each event description consists of <ul style="list-style-type: none"> <li>the point in the scenario when it is to be initiated</li> <li>the malfunction(s) that are entered to initiate the event</li> <li>the symptoms/cues that will be visible to the crew</li> <li>the expected operator actions (by shift position)</li> <li>the event termination point (if applicable)</li> </ul>	K	JR	CS			
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.	K	JR	CS			
5.	The events are valid with regard to physics and thermodynamics.	K	JR	CS			
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	K	JR	CS			
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.	K	JR	CS			
8.	The simulator modeling is not altered.	K	JR	CS			
9.	The scenarios have been validated. Pursuant to 10 CFR 55.46(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.	K	JR	CS			
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.	A	JR	CS			
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	K	JR	CS			
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).	K	JR	CS			
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	A	JR	CS			
<b>Target Quantitative Attributes (Per Scenario; See Section D.5.d)</b>		<b>Actual Attributes</b>		-	-	-	
1.	Total malfunctions (5-8)	8 / 8		A	JR	CS	
2.	Malfunctions after EOP entry (1-2)	2 / 2		A	JR	CS	
3.	Abnormal events (2-4)	2 / 3		A	JR	CS	
4.	Major transients (1-2)	2 / 1		A	JR	CS	
5.	EOPs entered/requiring substantive actions (1-2)	1 / 1		A	JR	CS	
6.	EOP contingencies requiring substantive actions (0-2)	1 / 0		K	JR	CS	
7.	Critical tasks (2-3)	2 / 2		K	JR	CS	

Facility: <u>PUNCS</u>		Date of Exam: <u>4/21/15</u>	Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>
Item Description	Initials		
	a)	b	c
1. Clean answer sheets copied before grading	f	g	c
2. Answer key changes and question deletions justified and documented	f	g	c
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	f	g	c
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	f	g	c
5. All other failing examinations checked to ensure that grades are justified	N/A	N/A	N/A
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	f	g	c
Printed Name/Signature		Date	
a. Grader	<u>Lamy Berson / Lamy Berson</u>	<u>4/23/15</u>	
b. Facility Reviewer(*)	<u>Joe Allison / Joe Allison</u>	<u>4/23/15</u>	
c. NRC Chief Examiner (*)	<u>Chris Stealy / Chris Stealy</u>	<u>5/7/15</u>	
d. NRC Supervisor (*)	<u>Vincent Buddy / Vincent Buddy</u>	<u>5/12/15</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

2015 LOIT NRC

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/10/15-4/18/15 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 4/10/15-4/18/15. 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.	Matt Kura	Shift Manager	[Signature]	3/10/15	personal file	4/23/15	
2.	Terry Johnson	Reactor Operator	[Signature]	3/16/15	personal file	4/23/15	
3.	Amy STEVENS	RO	[Signature]	3-16-15	personal file	4/23/15	
4.	JOHN RODGERS	INSTRUCTOR	[Signature]	4.9.15	John Rodgers	4.22.15	
5.			[Signature]				
6.	Thomas E. Stahler	instructor	[Signature]	4/9/15	personal file	5/5/15	
7.	Charlotte Cruise	LOIT SL	[Signature]	4/9/15	Charlotte Cruise	5/5/15	
8.	Joseph D. Stevens	Instructor	[Signature]	4/9/15	personal file	4/23/15	
9.	Laurel A. Cambour	Copier	[Signature]	4-14-15	Laurel A. Cambour	4-22-15	
10.	SIBBEN BANKS	OPS TRAINING DL	[Signature]	4/15/15	personal file	4/23/15	
11.	Katherine Gil	STA	[Signature]	04/15/15	personal file	4/23/15	
12.	GILW. TIMOTHY	STA	[Signature]	4/15/15	personal file	4/24/15	
13.	James Cashman	RO	[Signature]	4/15/15	James Cashman	4/22/15	
14.	David Cerón	RO	[Signature]	4.15.15	David Cerón	4-22-15	
15.	LEONARDO AVIZAR	RO	[Signature]	4/15/15	Leonardo Avizar	4-22-15	

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/10/15-4/18/15 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 4/10/15-4/18/15. 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.	Justin Stewart	UNIT MANAGER	<i>[Signature]</i>	2/27/15	<i>[Signature]</i>	4/21/15	
2.	INAKI SAIZAR	CKS	<i>[Signature]</i>	2/27/15	<i>[Signature]</i>	4/21/15	
3.	WILLIAM DAVID	REACTOR OPERATOR	<i>[Signature]</i>	3/17/15	<i>[Signature]</i>	4/21/15	
4.	Richard Seiber	RO	<i>[Signature]</i>	3/17/15	<i>[Signature]</i>	4/21/15	
5.	Denise Young	MON-M	<i>[Signature]</i>	4/6/15	<i>[Signature]</i>	4/22/15	
6.	JARRED SHAWER	INSTRUCTOR	<i>[Signature]</i>	4/9/15	<i>[Signature]</i>	4/25/15	
7.	GEORGIO LESTER	INSTRUCTOR	<i>[Signature]</i>	4/9/15	<i>[Signature]</i>	4/22/15	
8.	DREN RADOSVIC	INSTRUCTOR	<i>[Signature]</i>	4/9/15	<i>[Signature]</i>	4/22/15	
9.	Jimmy Callahan	INSTRUCTOR	<i>[Signature]</i>	4/9/15	<i>[Signature]</i>	4/28/15	
10.	Rick LANGE	OPS TRNG	<i>[Signature]</i>	4/6/15	<i>[Signature]</i>	4/23/15	
11.	John ARONSON	SH OPS STPS	<i>[Signature]</i>	4/10/15	<i>[Signature]</i>	4/24/15	
12.	MITT HARKINS	INSTRUCTOR	<i>[Signature]</i>	4/13/15	<i>[Signature]</i>	4/22/15	
13.	Roxanne James	INSTRUCTOR	<i>[Signature]</i>	4/14/15	<i>[Signature]</i>	4/22/15	
14.							
15.							

NOTES:



# 2015 LOIT NRC

ES-201

Examination Security Agreement

Form ES-201-3

**1. Pre-Examination**

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/10/15-4/18/15 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 4/10/15-4/18/15. 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.	JEREMY ANDERSON	SRO/STA	<i>[Signature]</i>	1/15/15	<i>[Signature]</i>	5/3/15	
2.	RYAN STEELE	RO	<i>[Signature]</i>	1/16/15	<i>[Signature]</i>	4/23/15	
3.	RYAN LANE	SRO/STA	<i>[Signature]</i>	1/23/15	per email	4/23/15	
4.	DAVID RATLIFF	RO	<i>[Signature]</i>	1/22/15	per telcom	4/26/15	
5.	CHRIS CONSALVO	SRO	<i>[Signature]</i>	1/22/15	per email	4/24/15	
6.	BRIAN CUMMINGS	RO	<i>[Signature]</i>	1/23/15	per email	4/24/15	
7.	JOHN CERWICKI	RO	<i>[Signature]</i>	1/23/15	per email	4/23/15	
8.	DOUG HANISCH	RO	<i>[Signature]</i>	1-30-15	per email	4/23/15	
9.	CORY SCHINGECK	SRO/SM	<i>[Signature]</i>	1/30/15	<i>[Signature]</i>	4/24/15	
10.	Michael Moreno	RO	<i>[Signature]</i>	1-30-15	per email	5/5/15	
11.	William Mayes	SRO/SM	<i>[Signature]</i>	2-4-15	per email	4/24/15	
12.	Alison Grover	RO	<i>[Signature]</i>	2-18-15	per email	4/23/15	
13.	James Weedman	SRG	<i>[Signature]</i>	2-18-15	per email	4/23/15	
14.	Nicholas Shore	RO	<i>[Signature]</i>	2/18/15	<i>[Signature]</i>	4/22/15	
15.	DALLAN LOTT	SRO	<i>[Signature]</i>	2/26/15	per email	4/24/15	

NOTES:

# 2015 LOIT NRC

ES-201

Examination Security Agreement

Form ES-201-3

**1. Pre-Examination**

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/10/15-4/18/15 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 4/10/15-4/18/15. 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>Adam Rasmussen</u>	<u>Exam Author / Development</u>	<u>[Signature]</u>	<u>5/13/2014</u>	<u>[Signature]</u>	<u>4/21/15</u>	<u>per email</u>
2. <u>Larry Buester</u>	<u>Exam Author / Development</u>	<u>[Signature]</u>	<u>5/13/2014</u>	<u>[Signature]</u>	<u>4/22/15</u>	
3. <u>William R Quick</u>	<u>Exam Author / Development</u>	<u>William R Quick</u>	<u>5/13/2014</u>	<u>William R Quick</u>	<u>4/22/15</u>	
4. <u>Joe Allison</u>	<u>Exam Leader / Facility Contact</u>	<u>[Signature]</u>	<u>5/13/2014</u>	<u>[Signature]</u>	<u>4/22/15</u>	
5. <u>William Hendriker</u>	<u>IC Development</u>	<u>[Signature]</u>	<u>6/2/2014</u>	<u>[Signature]</u>	<u>4/22/15</u>	
6. <u>LARRY ESA</u>	<u>SIMULATOR SUPPORT</u>	<u>[Signature]</u>	<u>6/3/2014</u>	<u>[Signature]</u>	<u>4/22/15</u>	
7. <u>DONALD MAJORS</u>	<u>OPS MGR</u>	<u>[Signature]</u>	<u>7-2-14</u>	<u>[Signature]</u>	<u>4/23/15</u>	<u>per email</u>
8. <u>Alan Malley</u>	<u>Exam Author / Development</u>	<u>[Signature]</u>	<u>7-15-14</u>	<u>[Signature]</u>	<u>4/22/15</u>	<u>per email</u>
9. <u>ROBERT CANNON</u>	<u>OPS SIDS TL</u>	<u>[Signature]</u>	<u>7-21-14</u>	<u>[Signature]</u>	<u>4/23/15</u>	
10. <u>CHARLOS OLIVER</u>	<u>sim. support</u>	<u>[Signature]</u>	<u>7-29-14</u>	<u>[Signature]</u>	<u>4/27/15</u>	
11. <u>MAJID SABA</u>	<u>SIM support</u>	<u>[Signature]</u>	<u>7-29-14</u>	<u>[Signature]</u>	<u>4/22/15</u>	
12. <u>David Steere</u>	<u>Reactor operator</u>	<u>[Signature]</u>	<u>8-19-14</u>	<u>[Signature]</u>	<u>4/23/15</u>	<u>per email</u>
13. <u>ERIC GUNTHER</u>	<u>REACTOR OPERATOR</u>	<u>[Signature]</u>	<u>8/19/14</u>	<u>[Signature]</u>	<u>4/23/15</u>	<u>per email</u>
14. <u>Brian Zmerlikor</u>	<u>CRS</u>	<u>[Signature]</u>	<u>8-19-14</u>	<u>[Signature]</u>	<u>4-27-15</u>	
15. <u>ANDREW LISTON</u>	<u>CRS</u>	<u>[Signature]</u>	<u>8-20-14</u>	<u>[Signature]</u>	<u>4/23/15</u>	<u>per email</u>

NOTES:

# 2015 LOIT NRC

ES-201

## Examination Security Agreement

Form ES-201-3

### 1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/10/15-4/18/15 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 4/10/15-4/18/15. 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.	MIKE VANGEMERT	REACTOR OPERATOR	<i>Mike Vangemert</i>	8-20-14	<i>per end [unclear]</i>	4/20/15	
2.	Andrew Saylor	RO	<i>Andrew Saylor</i>	8-20-14	<i>per end [unclear]</i>	4/23/15	
3.	Ephraim Huck	RO	<i>Ephraim Huck</i>	8-20-14	<i>per end [unclear]</i>	4/23/15	
4.	Lynn Sanders	7111.11 IP FASA	<i>Lynn Sanders</i>	9-9-14	<i>per end [unclear]</i>	4/23/15	
5.	Lorance Lewis	7111.11 IP FASA	<i>Lorance Lewis</i>	9/9/14	<i>per end [unclear]</i>	4/23/15	
6.	RICK TIMMONS	INST.	<i>Rick Timmons</i>	8/20/14	<i>per end [unclear]</i>	4/23/15	
7.	MARK TAGUE	INST.	<i>Mark Tague</i>	9/30/14	<i>per end [unclear]</i>	5/1/15	
8.	Timothy P. Cavigan	Nuclear Training Dept Ldr	<i>Timothy P. Cavigan</i>	10-8-14	<i>per end [unclear]</i>	4/23/15	
9.	Charbe Brown	Instructor	<i>Charbe Brown</i>	11/15/14	<i>per end [unclear]</i>	4/21/15	
10.	Shannon Zerkel	Instructor	<i>Shannon Zerkel</i>	1-7-15	<i>per end [unclear]</i>	4-22-15	
11.	RORY HURZELMAN	SRO	<i>Rory Hurzelman</i>	1/8/15	<i>per end [unclear]</i>	4/25/15	
12.	John Wood	SRO	<i>John Wood</i>	1-8-15	<i>per end [unclear]</i>	4-22-15	
13.	Brian Layton	RO	<i>Brian Layton</i>	1/9/15	<i>per end [unclear]</i>	4/23/15	
14.	RONALD YOUNG	ops standards Advisor Sr.	<i>Ronald Young</i>	1/9/15	<i>per end [unclear]</i>	4/23/15	
15.	Warren Patter	Exam Review	<i>Warren Patter</i>	1/13/15	<i>per end [unclear]</i>	4/21/15	

NOTES:

1. Pre-Examination

2015 NRC Initial License Exam

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/13-4/21/15 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.	Scott Whitson	Shift Manager	Whitson, Scott C(Z99323)		Whitson, Scott C(Z99323)		Digitally signed by Whitson, Scott C(Z99323) DN: cn=Whitson, Scott C(Z99323) Date: 2015.04.26 18:47:17 -0700
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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 \_\_\_\_\_ 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.

ES-201, Page 27 of 28

	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	George Marano	OPS INSTRUCTOR	<i>[Signature]</i>	4/14/15	<i>[Signature]</i>	5/5/15	
2.	Edward GREGA	OPS INSTRUCTOR	<i>[Signature]</i>	4/14/15	<i>[Signature]</i>	4/22/15	
3.	Patricia Schwartz	Ops INSTRUCTOR	<i>[Signature]</i>	4/14/15	<i>[Signature]</i>	4/22/15	
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1. Pre-Examination

2015 LOIT NRC EXAM

4/13/15 - 4/24/15

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of \_\_\_\_\_ 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.

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	Doug Wilson	Shift Manager	Douglas A. Wilson		per email [Signature]	4/24/15	
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2015 NRC

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 4/13-4/21 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.

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	Thomas Markey	Reactor Operator	<i>Markey</i>	3-18-15	<i>Ray</i>	4/23/15	
2.	Ray	Shift Lead	<i>Ray</i>	4-15-15	<i>Ray</i>	4-21-2015	
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# Operator Licensing Exam Schedule

## From 10/01/2014 To 09/30/2015

Page 1 of 5  
05/13/2015  
Report 21

08:27:57

Region: 4      Phase Code: 5

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
11/17/2014	Palo Verde / 05000528 / Procedure #: 7111111B				STEELY, CHRISTOPHER D.	CLAYTON, KELLY D. LARSON, BRIAN T. STEELY, CHRISTOPHER D.
11/17/2014	Palo Verde / 05000529 / Procedure #: 7111111B				STEELY, CHRISTOPHER D.	CLAYTON, KELLY D. LARSON, BRIAN T. STEELY, CHRISTOPHER D.
11/17/2014	Palo Verde / 05000530 / Procedure #: 7111111B				STEELY, CHRISTOPHER D.	CLAYTON, KELLY D. LARSON, BRIAN T. STEELY, CHRISTOPHER D.
12/05/2014	Palo Verde / 05000528 / 2015301 TAC #: X02558		Prep	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. CALLAWAY, GARY W. HAYES, MAHDI O. HEDGER, SEAN D. KENNARD, MICHAEL N. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
12/05/2014	Palo Verde / 05000528 / 2015301 TAC #: X02559		Prep	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
12/05/2014	Palo Verde / 05000530 / 2015301 TAC #: X02560		Prep	NFN	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
03/16/2015	Palo Verde / 05000528 / 2015301 TAC #: X02558		Prep	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
03/16/2015	Palo Verde / 05000528 / 2015301 TAC #: X02559		Prep	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
03/16/2015	Palo Verde / 05000530 / 2015301 TAC #: X02560		Prep	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.

Sites: PALO  
Orgs: 4620  
Exam Author: ALL



# Operator Licensing Exam Schedule

From 10/01/2014 To 09/30/2015

Region: 4

Phase Code: 5

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
04/13/2015	Palo Verde / 05000528 / 2015301 TAC #: X02558	RO - 11 SROI - 9 SROU - 4	Admin	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
04/13/2015	Palo Verde / 05000528 / 2015301 TAC #: X02559		Admin	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
04/13/2015	Palo Verde / 05000530 / 2015301 TAC #: X02560		Admin	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
04/21/2015	Palo Verde / 05000528 / 2015301 TAC #: X02558		Doc	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
04/21/2015	Palo Verde / 05000528 / 2015301 TAC #: X02559		Doc	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.
04/21/2015	Palo Verde / 05000530 / 2015301 TAC #: X02560		Doc	NFF	STEELY, CHRISTOPHER D.	BLOODGOOD, MICHAEL R. BUCHANAN, THERESA D. HEDGER, SEAN D. OSTERHOLTZ, CLYDE C. STEELY, CHRISTOPHER D.

Operator Licensing Exam Schedule  
From 10/01/2014 To 09/30/2015

Region: 4 Phase Code: 5

Summary By Date

12/2014	PALO - Palo Verde	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Palo Verde: 0
12/2014		RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 12/2014: 0
11/2014	PALO - Palo Verde					
11/2014						
04/2015	PALO - Palo Verde	RO - 11	SROI - 9	SROU - 4	LSRO - 0	Total for Palo Verde: 24
04/2015		RO - 11	SROI - 9	SROU - 4	LSRO - 0	Total for 04/2015: 24
03/2015	PALO - Palo Verde	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Palo Verde: 0

# Operator Licensing Exam Schedule

From 10/01/2014 To 09/30/2015

Region: 4      Phase Code: 5

**Summary By Site**

PALO - Palo Verde  
RO - 11

LSRO - 0

SROU - 4

SROI - 9

Total for Palo Verde: 24

# Operator Licensing Exam Schedule

From 10/01/2014 To 09/30/2015

Region: 4      Phase Code: 5

**Summary By Region**

Region 4

RO - 11

SROI - 9

SROU - 4

LSRO - 0

Total for Region 4: 24