

EXAM ASSIGNMENT TICKLER

Chief:	Chris Steely	Facility:	GG	Date of Written Exam:	12/2/2011
Start of Op Test:			12/5/2011	End of Op Test: 12/5/2011	
Written Exam Developed By: NRC / Facility			Operating Test Developed By: NRC / Facility		
Due Date	Description	Date Complete	Initials	Notes	
6/3/2011	Written Exam & Op Test Dates Confirmed	5/16/11	CS		
7/29/2011	NRC Examiners & Facility Contact Assigned	5/16/11	CS		
7/29/2011	Facility Contact Briefed on Security & Other Req's	5/14/11	CS		
7/29/2011	Corporate Notification Letter sent	6/23/11	CS	ES-201 Att-4 produced by CE	
8/2/2011	Reference material due (if NRC authored)	N/A		ES-201 Att-3	
8/19/2011	Integrated exam outlines due	8/19/11	CS		
8/29/2011	Outlines reviewed by CE; feedback approved by BC	8/29/11	CS	ES-201-2 signed by CE & BC	
8/30/2011	Feedback on integrated outlines provided to facility	8/29/11	CS		
10/14/2011	DRAFT exam / docs / support reference material due	10/14/11	CS		
10/28/2011	Peer review of written exam complete	10/27/11	CS	Document review on ES-401-9	
10/28/2011	Preliminary license applications due	10/31/11	CS	NRC Forms 398/396	
11/4/2011	Preliminary license applications and waivers reviewed	11/8/11	CS		
11/4/2011	DRAFT exam reviewed by CE; feedback approved by BC	11/7/11	CS		
11/4/2011	Feedback on DRAFT exam provided to facility	11/7/11	CS		
11/4/2011	On-site validation & 10% audit of license applications	11/4/11	CS		
11/18/2011	Final applications due & List of Applicants prepared	11/25/11	CS	ES-201-4 prepared by LA	
11/25/2011	Final applications approved & waiver letters sent	11/25/11	CS		
11/25/2011	Branch Chief approves FINAL exam (Written & Op Test)	11/29/11	CS	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	
11/25/2011	Proctoring/written exam admin guidelines reviewed w/ facility	11/17/11	CS		
11/28/2011	Exam material to exam team	11/28/11	CS		
12/5/2011	Administer Operating Test	12/5/11	CS		
12/12/2011	Facility post-exam documentation due	12/12/11	CS		
12/12/2011	NRC written exam grading completed	12/12/11	CS	ES-403-1 to BC	
12/12/2011	Examiner's document op test results on ES 303's	12/12/11	CS		
12/19/2011	Chief Examiner review of written exam & op test completed	12/12/11	CS	Signed ES 303's to BC	
12/26/2011	Branch Chief review of exam results completed	12/12/11	CS		
1/2/2012	Waivers/deferrals reviewed for impact on licensing decision	12/12/11	CS		
1/2/2012	License/Denial letters mailed; Facility notified of results	12/12/11	CS		
1/2/2012	RPS/IP number of examinees updated	12/13/11	CS	print Report-21	
1/16/2012	Examination Report Issued	1/16/11	CS	produced by CE	
1/23/2012	SUNSI checklist complete and exam docs to ADAMS	1/18/12	CS	SUNSI checklist to LA	
1/30/2012	Ref Mat'l Returned after Final Resolution of Appeals	N/A			

Facility:		Date of Examination:		
Item	Task Description	Initials		
		a	b*	c#
W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model, in accordance with ES-401.	K	B	CS
	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.	K	B	CS
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	K	B	CS
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	K	B	CS
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.	MP	B	CS
	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.	MP	B	CS
	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.	MP	B	CS
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.	MP	B	CS
	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	MP	B	CS
	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.	MP	B	CS
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.	K	B	CS
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	K	B	CS
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	K	B	CS
	d. Check for duplication and overlap among exam sections.	K	B	CS
	e. Check the entire exam for balance of coverage.	K	B	CS
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	K	B	CS
a. Author	<u>Mark Pa. F Kane Ryder</u>	Printed Name/Signature		Date
b. Facility Reviewer (*)	<u>Michael Bacon</u>			8-15-11
c. NRC Chief Examiner (#)	<u>Chris Steely</u>			8-15-11
d. NRC Supervisor	<u>Mark Haire</u>			8/29/11
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 checked="" type="checkbox"/>			
Item Description	Initial			a	b*	c*
1. Questions and answers are technically accurate and applicable to the facility.	K	B	3			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	K	B	3			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	K	B	3			
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).	K	B	3			
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 <input checked="" type="checkbox"/> the examinations were developed independently; or ___ the licensee certifies that there is no duplication; or ___ other (explain)	K	B	3			
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	K	B	3
	3	0	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.	Memory	C/A		K	B	3
	10	15				
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	K	B	3			
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.	K	B	3			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	K	B	3			
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.	K	B	3			
a. Author b. Facility Reviewer (*) c. NRC Chief Examiner (#) d. NRC Regional Supervisor				Printed Name / Signature		Date
				KANE RIVERS RYDER / Kane Rivers Ryder		11/22/11
				MICHAEL L. BAON / Michael L. Baon		11/22/11
				CHRIS STEELY / Chris Steely		11/28/11
				MARK HARRIS / Mark Harris		11/28/11
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 Exam:		Exam Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>		
Item Description	Initial					
	a	b*	c#			
1. Questions and answers are technically accurate and applicable to the facility.	K	B	↪			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	K	B	↪			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	NA	NA	NA			
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).	K	B	↪			
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 <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or ___ other (explain)	K	B	↪			
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	K	B	↪
	25	∅	50			
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		C/A	K	B	↪
	32		43			
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	K	B	↪			
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.	K	B	↪			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	K	B	↪			
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.	K	B	↪			
a. Author <u>KANE RIVERS RYDER / Kane Rivers Ryder</u> b. Facility Reviewer (*) <u>MICHAEL L. BACON / Michael B</u> c. NRC Chief Examiner (#) <u>CHRIS STEELY / Chris Steely</u> d. NRC Regional Supervisor <u>MARK HAARE / Mark Haare</u>				Date 11/22/11 11/22/11 11/28/11 11/28/11		
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: GGNS		Date of Exam: 12/5/2011		Scenario Numbers: 1 / 2 / 3 / 4		Operating Test No.: LOT-2011		
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.	MP	B					
2.	The scenarios consist mostly of related events.	MP	B					
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) 	MP	B					
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.	MP	B					
5.	The events are valid with regard to physics and thermodynamics.	MP	B					
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	MP	B					
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.	MP	B					
8.	The simulator modeling is not altered.	MP	B					
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.	MP	B					
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.	MP	B					
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	MP	B					
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).	MP	B					
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	MP	B					
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		--	--	--		
1.	Total malfunctions (5-8)	5 / 5 / 6 / 6	MP	B				
2.	Malfunctions after EOP entry (1-2)	1 / 1 / 1 / 3	MP	B				
3.	Abnormal events (2-4)	2 / 2 / 2 / 1	MP	B				
4.	Major transients (1-2)	2 / 2 / 2 / 2	MP	B				
5.	EOPs entered/requiring substantive actions (1-2)	1 / 2 / 2 / 1	MP	B				
6.	EOP contingencies requiring substantive actions (0-2)	1 / 1 / 1 / 1	MP	B				
7.	Critical tasks (2-3)	3 / 2 / 2 / 3	MP	B				

Facility: GGNS		Date of Exam: 12/2/2011		Exam Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>		
Item Description				Initials		
				a	b	c
1.	Clean answer sheets copied before grading			K	B	CS
2.	Answer key changes and question deletions justified and documented			NA	NA	NA
3.	Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)			K	B	CS
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	NA
5.	All other failing examinations checked to ensure that grades are justified			NA	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			K	B	CS
Printed Name/Signature				Date		
a. Grader	<u>KANE RYDER / <i>Kane Ryan Ryder</i></u>			<u>12/6/2011</u>		
b. Facility Reviewer(*)	<u>MICHAEL BACON / <i>Michael Bacon</i></u>			<u>12/12/11</u>		
c. NRC Chief Examiner (*)	<u>CHRIS FREELY / <i>Chris Freely</i></u>			<u>12/12/11</u>		
d. NRC Supervisor (*)	<u>MARK S. HAARE / <i>Mark S. Haare</i></u>			<u>12/13/11</u>		
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.						

Facility: GGNS	Date of Exam: 12/2/2011	Exam Level: RO <input type="checkbox"/>	SRO <input checked="" type="checkbox"/>
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	K	B	S
2. Answer key changes and question deletions justified and documented	NA	N/A	NA
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	K	B	S
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	NA	N/A	NA
5. All other failing examinations checked to ensure that grades are justified	NA	N/A	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	K	B	S
Printed Name/Signature	Date		
a. Grader	<u>KANE RYDER / Kane Ryder</u>		<u>12/6/11</u>
b. Facility Reviewer(*)	<u>MICHAEL BACON / Michael Bacon B</u>		<u>12/12/11</u>
c. NRC Chief Examiner (*)	<u>CHRIS STEELY / Chris Steely</u>		<u>12/13/11</u>
d. NRC Supervisor (*)	<u>MARK HAUBE / Mark Haube</u>		<u>12/13/11</u>
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

Operator Licensing Exam Schedule

From 10/01/2011 To 01/23/2012

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
05/01/2011	Grand Gulf / 05000416 / Procedure #: 711111B				LARSON, BRIAN T.	LARSON, BRIAN T.
10/31/2011	Grand Gulf / 05000416 / TAC #: X02479		Prep	FFF	STEELY, CHRISTOPHER D.	STEELY, CHRISTOPHER D. GARCHOW, STEPHEN M.
11/07/2011	Grand Gulf / 05000416 / TAC #: X02479		Prep	FFF	STEELY, CHRISTOPHER D.	STEELY, CHRISTOPHER D. APGER, GABRIEL W. GARCHOW, STEPHEN M.
12/05/2011	Grand Gulf / 05000416 / TAC #: X02479	RO - 2	Admin	FFF	STEELY, CHRISTOPHER D.	STEELY, CHRISTOPHER D. APGER, GABRIEL W. GARCHOW, STEPHEN M.
12/12/2011	Grand Gulf / 05000416 / TAC #: X02479		Doc	FFF	STEELY, CHRISTOPHER D.	STEELY, CHRISTOPHER D. APGER, GABRIEL W. GARCHOW, STEPHEN M.

Operator Licensing Exam Schedule

From 10/01/2011 To 01/23/2012

Region: 4 Phase Code: 5

Summary By Date

Summary By Date	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Grand Gulf:
05/2011					
10/2011 GG - Grand Gulf					
RO - 0	SROI - 0	SROU - 0	LSRO - 0		Total for Grand Gulf: 0
10/2011					
RO - 0	SROI - 0	SROU - 0	LSRO - 0		Total for 10/2011: 0
11/2011 GG - Grand Gulf					
RO - 0	SROI - 0	SROU - 0	LSRO - 0		Total for Grand Gulf: 0
11/2011					
RO - 0	SROI - 0	SROU - 0	LSRO - 0		Total for 11/2011: 0
12/2011 GG - Grand Gulf					
RO - 2	SROI - 3	SROU - 0	LSRO - 0		Total for Grand Gulf: 5

Operator Licensing Exam Schedule

From 10/01/2011 To 01/23/2012

14:46:20

Region: 4 Phase Code: 5

Summary By Site

Site	RO - 2	SROI - 3	SROU - 0	LSRO - 0	Total for Grand Gulf: 5
GG - Grand Gulf					

Operator Licensing Exam Schedule

From 10/01/2011 To 01/23/2012

Region: 4 Phase Code: 5

Summary By Region

Region 4

RO - 2	SROI - 3	SROU - 0	LSRO - 0	Total for Region 4: 5
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GRAND GULF NUCLEAR STATION – LOT 2011 NRC INITIAL LICENSE EXAMINATION, RO & SRO

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of Friday 12/2 thru Friday 12/9/2011 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 Friday 12/2 thru Friday 12/9/2011. 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 WAGNON	Ops Job Supt.	<i>Mike Wagon</i>	11/2/11	Mike Wagon	12/9/11 per telecon.
2. ROBERT McNEEMAR	OPS TEN	<i>R. McNeemar</i>	11/17/11	R. McNeemar	12/9/11
3. LARRY JOHNSON	Admin. SPC.	<i>Larry Johnson</i>	11/28/11	Larry Johnson	12/12/11 per email
4. FRANK KEMER	OPS TRAINING / DSM	<i>Frank Kemmer</i>	12-5-11	Frank Kemmer	12-10/11 per email
5. ROBERT McNEEMAR	TEN	<i>R. McNeemar</i>	12-5-11	R. McNeemar	12-9/11
6. Matthew Graziop	OPS TNG	<i>Matthew Graziop</i>	12/5/11	<i>Matthew Graziop</i>	12/9/11
7. Daniel Baroswillt	OPS TNG	<i>Daniel Baroswillt</i>	12/5/11	<i>Daniel Baroswillt</i>	12/9/11
8. CARLOS DAWSON II	OPS TNG	<i>Carlos Dawson</i>	12/5/11	Carlos Dawson	12/12/11 per telecon
9. Michael Boson	Supv. OPS TNG	<i>Michael Boson</i>	12/5/11	Michael Boson	12/12/11
10. MICKLEY ELLIS	OPS TRAINING	<i>Mickey Ellis</i>	12/6/11	Mickey Ellis	12/9/11 per telecon
11. ROBERT RUBY	OPS INST. / Training	<i>Robert Ruby</i>	12/12/11	Robert Ruby	12/14/11
12.					
13.					
14.					
15.					

NOTES:

GRAND GULF NUCLEAR STATION - LOT 2011 NRC INITIAL LICENSE EXAMINATION, RO & SRO

1. Pre-Examination

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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 Friday 12/2 thru Friday 12/9/2011. 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. KANE RIVERS RYDER	SR OPS INSTRUCTOR / LEAD EXAM DEVELOPER	<i>Kane Rivers Ryder</i>	3/16/11	Kane Rivers Ryder	12/9/11	
2. Mark Pitt	SR ops inst / Exam developer	<i>Mark Pitt</i>	3/16/11		12/9/11	
3. JOHANNAN SPARKS	SR ops inst / Exam Developer	<i>Johanna Sparks</i>	6/24/11	JOHANNAN SPARKS	12/9/11	per telecon
4. Keith Whit	SR ops / Validation	<i>Keith Whit</i>	5/10/11	Keith Whit	12/12/11	per email
5. Chris Laird	SRO / Validation	<i>Chris Laird</i>	9/10/11	Chris Laird	12/12/11	per email
6. MICHAEL BACON	Supt / Facility Rep	<i>Michael Bacon</i>	9/15/11		12/9/11	
7. ROBERT E. BINKMAN JR.	Shift Mgr / OPS Rep	<i>Robert E. Binkman Jr</i>	8/16/11	ROBERT E. BINKMAN JR	12/12/11	per e-mail
8. Steve Reeves	OPS INSTR / Exam Developer	<i>Steve Reeves</i>	9/14/11	Steve Reeves	12/9/11	
9. MARK GOODWIN	CRS / STA	<i>Mark Goodwin</i>	9-26-11	Mark Goodwin	12/12/11	per email
10. Robert Goldwire	Sim Eng / Simlog	<i>Robert Goldwire</i>	9-26-11	Robert Goldwire	12/9/11	
11. Stephen K Hagstie	Sim Eng	<i>Stephen K Hagstie</i>	9-27-11	Stephen Hagstie	12/12/11	per email
12. EMMETT MATHES	SHIFT MANAGER / SR	<i>Emmett Mathes</i>	9-30-11	Emmett Mathes	12/12/11	per email
13. JAMES MERGNER	Rx operator	<i>James Mergner</i>	9-30-11	James Mergner	12/12/11	per email
14. Marty M. Adams	OPS INSTRUCTOR	<i>Marty M. Adams</i>	10-6-11	Marty M. Adams	12/12/11	
15. James D. Clardy	RO / Validation	<i>James D. Clardy</i>	10/6/11	James D. Clardy	12/12/11	

NOTES: