

EXAM ASSIGNMENT TICKLER

Chief:	Gabriel Apger	Facility:	WC	Date of Written Exam:	12/14/2009
Start of Op Test:		12/14/2009	End of Op Test:		12/16/2009
Written Exam Developed By: NRC / Facility <i>N/A</i>			Operating Test Developed By: NRC / <u>Facility</u>		
Due Date	Description	Date Complete	Initials	Notes	
6/15/2009	Written Exam & Op Test Dates Confirmed	10/14/2009	GWA	Written Exam will be 10/30/09	
8/10/2009	NRC Examiners & Facility Contact Assigned	10/14/2009	GWA		
8/10/2009	Facility Contact Briefed on Security & Other Req's	10/14/2009	GWA		
8/10/2009	Corporate Notification Letter sent	10/20/09	GWA	ES-201 Att-4 produced by CE	
9/14/2009	Reference material due (if NRC authored)	N/A		ES-201 Att-3	
3/20/2009	Integrated exam outlines due	10/26/09	GWA	Agreed upon 3/20/2009	
3/27/2009	Outlines reviewed by CE; feedback approved by BC	10/27/09	GWA	ES-201-2 signed by CE & BC	
3/27/2009	Feedback on integrated outlines provided to facility	10/27/09	GWA		
3/17/2009	DRAFT exam / docs / support reference material due	11/16/09	GWA		
8/19/2009	Peer review of written exam complete	N/A		Document review on ES-401-9	
3/7/2009	Preliminary license applications due	11/16/09	GWA	NRC Forms 398/396	
9/11/2009	Preliminary license applications and waivers reviewed	11/16/09	GWA		
9/10/2009	DRAFT exam reviewed by CE; feedback approved by BC	11/17/09	GWA		
9/10/2009	Feedback on DRAFT exam provided to facility	11/17/09	GWA		
9/14/2009	On-site validation & 10% audit of license applications	12/14/10	GWA	App audited during initial Exam	
9/28/2009	Final applications due & List of Applicants prepared	11/23/10	GWA	ES-201-4 prepared by LA	
12/7/2009	Final applications approved & waiver letters sent	12/8/10	GWA		
12/7/2009	Branch Chief approves FINAL exam (Written & Op Test)	12/8/10	GWA	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	
12/7/2009	Proctoring/written exam admin guidelines reviewed w/ facility	N/A			
12/7/2009	Exam material to exam team	12/14/10	GWA		
12/14/2009	Administer Operating Test	12/15/10	GWA		
12/23/2009	Facility post-exam documentation due	12/15/10	GWA		
12/23/2009	NRC written exam grading completed	N/A		ES-403-1 to BC	
12/23/2009	Examiner's document op test results on ES 303's	12/17/10	GWA		
12/30/2009	Chief Examiner review of written exam & op test completed	12/17/10	GWA	Signed ES 303's to BC	
1/6/2010	Branch Chief review of exam results completed	12/17/10	GWA		
1/13/2010	Waivers/deferrals reviewed for impact on licensing decision	N/A			
1/13/2010	License/Denial letters mailed; Facility notified of results	12/17/10	GWA		
1/13/2010	RPS/IP number of examinees updated	1/18/10	GWA	print Report-21	
1/27/2010	Examination Report Issued	2/11/10	GWA	produced by CE	
2/3/2010	SUNSI checklist complete and exam docs to ADAMS	1/18/10	GWA	SUNSI checklist to LA	
2/10/2010	Ref Mat'l Returned after Final Resolution of Appeals	N/A			

Facility: Wolf Creek		Date of Examination: 12-15-09		
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.	NA	RM	N/A
	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.	NA	RM	N/A
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	NA	RM	N/A
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	NA	RM	N/A
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.	RM	RM	GM
	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.	RM	RM	GM
	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.	RM	RM	GM
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.	NA	RM	N/A
	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	RM	N/A
	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	RM	N/A
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.	RM	RM	GM
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	NA	RM	GM
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	NA	RM	GM
	d. Check for duplication and overlap among exam sections.	NA	RM	GM
	e. Check the entire exam for balance of coverage.	NA	RM	GM
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	RM	RM	GM
a. Author	Jane Hartley <i>Jane Hartley</i>		Date: 10-27-09	
b. Facility Reviewer (*)	Rick Murray <i>Rick Murray</i>		10/27/09	
c. NRC Chief Examiner (#)	Gabriel Appel <i>Gabriel Appel</i>		12-7-09	
d. NRC Supervisor	Stephen Gaechow <i>Stephen Gaechow</i>		12-08-09	
Note:	# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines			

Facility: Wolf Creek		Date of Examination: 12-15-09		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).	JPH NA	RM	GM	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	JPH NA	RM	N/A	
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	JPH	RM	GM	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	JPH NA	RM	N/A	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	JPH	RM	GM	
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 	JPH NA	RM	N/A	
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.	JPH NA	RM	N/A	
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.		JPH	RM	GM	
	Printed Name / Signature			Date	
a.	Author	Jane Hartley / <u>Jane Hartley</u>		11-12-09	
b.	Facility Reviewer(*)	RICHARD MURRAY / <u>Richard Murray</u>		11/12/09	
c.	NRC Chief Examiner (#)	GABRIEL APGAR / <u>Gabe</u>		12-7-09	
d.	NRC Supervisor	Stephen Garchow / <u>Am Garchow</u>		12-8-09	
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.					

Facility:	Wolf Creek	Date of Exam:	12-15-09	Scenario Numbers:	1 / 2 / 3	Operating Test No.:		
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.			John	RM	GWR		
2.	The scenarios consist mostly of related events.			John	RM	GWR		
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) 			John	RM	GWR		
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.			John	RM	GWR		
5.	The events are valid with regard to physics and thermodynamics.			John	RM	GWR		
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.			John	RM	GWR		
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.			John	RM	GWR		
8.	The simulator modeling is not altered.			John	RM	GWR		
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.			John	RM	GWR		
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.			John	RM	GWR		
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).			John	RM	GWR		
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).			John	RM	GWR		
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.			John	RM	GWR		
Target Quantitative Attributes (Per Scenario; See Section D.5.d)				Actual Attributes				
1.	Total malfunctions (5-8)			7/5/6	John	RM	GWR	
2.	Malfunctions after EOP entry (1-2)			1/1/2	John	RM	GWR	
3.	Abnormal events (2-4)			2/3/3	John	RM	GWR	
4.	Major transients (1-2)			2/1/1	John	RM	GWR	
5.	EOPs entered/requiring substantive actions (1-2)			1/1/2	John	RM	GWR	
6.	EOP contingencies requiring substantive actions (0-2)			1/0/0	John	RM	GWR	
7.	Critical tasks (2-3)			2/3/2	John	RM	GWR	

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 12-14-2009 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 12-14-09. 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
Jane Hartley	Licensed Instructor/Author	Jane Hartley	10/13/09	Jane Hartley	12/15/09	
PICK MURRAY	LST-SIMULATOR/EXAM SUPER	Pick Murray	10/13/09	Pick Murray	12/15/09	
Jacob Star	Simulator Lead	Jacob Star	10/13/09	Jacob Star	12/15/09	
Jack Myers	CRS	Jack Myers	10/13/09	Jack Myers	12/15/09	
Daniel Bowers	CRS	Daniel Bowers	10/13/09	Daniel Bowers	12/15/09	
ALVIN CHRISTENSEN	RO	Alvin Christensen	10-25-09	Alvin Christensen	12-15-09	
Nolan K. Guyer	Contractor	Nolan K. Guyer	10/26/09	Nolan K. Guyer	12-15-09	
DEBRA SCHMIDT	Simulator LSR	Debra Schmidt	2/27/09	Debra Schmidt	7/2/09	
Lamar J. Schmidt	License Dist.	Lamar J. Schmidt	11/12/09	Monte Schmidt	12/15/09	
Fred Schwab	RO	Fred Schwab	11/15/09	Fred Schwab	12/15/09	
Montgomery L. Boyle	RO	Montgomery L. Boyle	11/30/09	Montgomery L. Boyle	12/15/09	
Jonathan I. Stone	RO	Jonathan I. Stone	12/14/09	Jonathan I. Stone	12-16-09	
Patrick J. Hawkins	CRS	Patrick J. Hawkins	12-14-09	Patrick J. Hawkins	12-16-09	
STEPHEN L. LEAK	CRS	Stephen L. Leak	12/14/09	Stephen L. Leak	12-16-09	

*1 Randy Guyer } signed off per telecon
 Lance Link } on 12.17-09
 Monte Schmidt }

Printed Name	Job Title/Responsibility	Signature 1	Date	Signature 2	Date
1. George Smith	LSI initial	<i>George Smith</i>	12/15/09	<i>George Smith</i>	12/15/09
2. Greg Siebuhner	LI	<i>Greg</i>	12-15-9	<i>Greg</i>	12-15-9
3. PC MOORE	CRS	<i>PC Moore</i>	12-15-9	<i>PC Moore</i>	12-15/9
4.					
5.					

not used
12-17-09
John

Operator Licensing Exam Schedule

From 10/01/2009 To 02/20/2010

Region: 4 Phase Code: 5

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
09/05/2009	Wolf Creek / 05000482 / 2009301 TAC #: X02419		Doc	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. DRAKE, JAMES F. LARSON, BRIAN T. APGER, GABRIEL W.
11/02/2009	Wolf Creek / 05000482 / 2009302 TAC #: X02442		Prep	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. HEDGER, SEAN D.
12/14/2009	Wolf Creek / 05000482 / 2009302 TAC #: X02442		Prep	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. HEDGER, SEAN D.
12/15/2009	Wolf Creek / 05000482 / 2009302 TAC #: X02442	SROI - 1	Admin	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. HEDGER, SEAN D.
12/16/2009	Wolf Creek / 05000482 / 2009302 TAC #: X02442		Doc	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. HEDGER, SEAN D.

Operator Licensing Exam Schedule
 From 10/01/2009 To 02/20/2010

Region: 4 Phase Code: 5

Summary By Date

09/2009	WC - Wolf Creek	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Wolf Creek: 0
09/2009		RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 09/2009: 0
11/2009	WC - Wolf Creek	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Wolf Creek: 0
11/2009		RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 11/2009: 0
12/2009	WC - Wolf Creek	RO - 0	SROI - 1	SROU - 0	LSRO - 0	Total for Wolf Creek: 1

Operator Licensing Exam Schedule
From 10/01/2009 To 02/20/2010

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Region: 4 Phase Code: 5

Summary By Site

WC - Wolf Creek

RO - 0

SROI - 1

SROU - 0

LSRO - 0

Total for Wolf Creek: 1

Operator Licensing Exam Schedule
From 10/01/2009 To 02/20/2010

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Region: 4 Phase Code: 5

Summary By Region

Region 4	RO - 0	SROI - 1	SROU - 0	LSRO - 0	Total for Region 4: 1
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