

ASSIGNMENT TICKLER

Chief:	Gabriel Apger	Facility:	WC	First Date of Exam:	8/26/2009
Written Exam Developed By: Facility		Operating Test Developed By: Facility			
Due Date	Description	Date Complete	Initials	Notes	
2/27/2009	Exam Administration Dates Confirmed (C.1.a; C.2.a & b)	2/2/09	GMP		
4/28/2009	NRC Examiners & Facility Contact Assigned (C.1.d; C.2.e)	2/2/09	GMP		
4/28/2009	Facility Contact Briefed on Security & Other Req's (C.2.c)	2/2/09	GMP		
4/28/2009	Corporate Notification Letter (ES-201 Att-3) Sent (C.2.d)	2/9/09	GMP	produced by Chief Examiner	
5/28/2009	Reference Material Due (if NRC authored) (C.1.e; C.3.c)	N/A	GMP		
6/12/2009	Integrated Exam Outlines Due (C.1.e & f; C.3.d)	6/11/09	GMP		
6/17/2009	Outlines Reviewed & Feedback Provided (c.2.h; C.3.e)	6/17/09	GMP		
7/12/2009	Draft Exams w/References Due (C.1.e,f,g,h; C.3.d)	7/17/09	GMP	Sent LATE	
7/27/2009	*Peer Reviewer Completes Review of Exam on ES-401-9	7/20/09	GMP		
7/27/2009	*NRC BC Approves Feedback to Facility (C.2.h; C.3.f)	7/27/09	GMP		
7/27/2009	*Exams Reviewed w/ Fac. (C.1.h;C.2.f & h; C.3.g)	7/27/09	GMP		
7/27/2009	Preliminary Applications Due (C.1.i;C.2.g; ES-202)	7/27/09	GMP		
8/1/2009	Preliminary Applications Reviewed (C.1.i;C.2.g)	7/30/09	GMP		
8/12/2009	Final Applications Due (C.1.i;C.2.i;ES-202)	8/13/09	GMP	8/13/09	
8/12/2009	On-Site Preparatory Week to Validate Operating Test	7/27/09	GMP		
8/12/2009	On-Site Audit (10%) of License App's (ES-202 C.2.e)	7/30/09	GMP		
8/19/2009	Final App's Approved & Waiver Letters Sent (ES-204; C.2.e)	8/20/09	GMP		
8/19/2009	NRC Supervisor Approved Final Exam (C.2.i;C.3.h)	8/20/09	GMP		
8/19/2009	Exam Approval Letter (ES-201 Att-4) and List of Applicants (ES-201-4) Prepared (C.2.i)	8/20/09	GMP	produced by OLA	
8/19/2009	Proctor Rules Review w/Fac. & Written Authorized (C.3.k)	8/20/09	GMP		
8/19/2009	Exam Material to Exam Team (C.3.i)	8/20/09	GMP		
8/26/2009	Administer Operating Test On-Site	9/3/09	GMP		
9/7/2009	Facility Graded Written Exam & Comments Received	9/3/09	GMP		
9/10/2009	NRC Written Exam Grading Completed	9/3/09	GMP		
9/10/2009	Examiners Document Exam Grades on ES Forms	9/3/09	GMP		
9/20/2009	NRC Chief Examiner Grading Review Completed	9/3/09	GMP		
9/21/2009	NRC BC Review Completed	10/1/09	GMP		
9/25/2009	License/Denials Mailed; Facility Notified of Results	10/2/09	GMP		
9/25/2009	RPS/IP Number of Examinees Updated	8/20/09	GMP	print Report-21	
10/10/2009	Examination Report Issued	10/20/09	GMP	produced by Chief Examiner	
10/17/2009	Chief Examiner QA of ADAMS and SUNSI checklist complete	10/20/09	GMP	SUNSI checklist to OLA	
10/25/2009	Ref Mat'l Returned after Final Resolution of Appeals	N/A	GMP		

* Indicates the due dates are more conservative than the ES-201-1 requires.
 (Replaces NUREG-1021, Revision 9, ES Forms 201-1 and 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.	Jah	Rm	GWH
	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.	Jah	Rm	GWH
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	Jah	Rm	GWH
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	Jah	Rm	GWH
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.	Jah	Rm	GWH
	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.	Jah	Rm	GWH
	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.	Jah	Rm	GWH
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.	Jah	Rm	GWH
	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	Jah	Rm	GWH
	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.	Jah	Rm	GWH
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.	Jah	Rm	GWH
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	Jah	Rm	GWH
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	Jah	Rm	GWH
	d. Check for duplication and overlap among exam sections.	Jah	Rm	GWH
	e. Check the entire exam for balance of coverage.	Jah	Rm	GWH
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	Jah	Rm	GWH
a. Author <u>Jane Hartley</u> Printed Name/Signature b. Facility Reviewer (*) <u>RICHARD MURRAY</u> c. NRC Chief Examiner (#) <u>GABRIEL APSEZ</u> d. NRC Supervisor <u>NAN LANTZ</u>		Date 6-3-09 6/9/09 8/17/09 8/29/09		
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 Exam: 8/26/2009 Exam Level: RO X SRO X

Item Description	Initial		
	a	b*	c#
1. Questions and answers are technically accurate and applicable to the facility.	JBA	Rm	SMB
2. a. NRC K/As are referenced for all questions.	JBA	Rm	SMB
b. Facility learning objectives are referenced as available.	JBA	Rm	SMB
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	JBA	Rm	SMB
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 NRR OL program office.)	JBA	Rm	JMB
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 checked="" type="checkbox"/> the examinations were developed independently; or <input type="checkbox"/> the license certifies that there is no duplication; or <input type="checkbox"/> other (explain)	JBA	Rm	SMB
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
	28 / 11	8 / 1	39 / 13
	JBA	Rm	SMB
7. Between 50 and 60 percent of the questions on the RO exam are written at the comprehensive/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	
	38 / 5 34 / 6	48 / 20 41 / 19	
	JBA	Rm	JMB
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	JBA	Rm	JMB
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.	JBA	Rm	JMB
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	JBA	Rm	JMB
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.	JBA	Rm	SMB

	Printed Name /Signature	Date
a. Author	JOSEPH G. ARSENAULT <i>Joseph G. Arsenault</i>	7/16/09
b. Facility Reviewer (*)	RICHARD A. MURRAY <i>Richard Murray</i>	7/16/09
c. NRC Chief Examiner (#)	GABRIEL APFEL <i>Gabriel Apfel</i>	8/18/09
d. NRC Regional Supervisor	RYAN LANTZ <i>Ryan Lantz</i>	8/24/09

Note: * The facility reviewer's initials/signature is not applicable for NRC-developed examinations.
 # Independent NRC reviewer initial items in Column 'c'; chief examiner concurrence required.

Facility: Wolf Creek	Date of Examination: Aug. 31 – Sept 4, 2009	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).	jdh	RM GWR
b. There is no day-to-day repetition between this and other operating tests to be administered during this examination.	jdh	RM GWR
c. The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	jdh	RM GWR
d. Overlap with the written examination and between different parts of the operating test is within acceptable limits.	jdh	RM GWR
e. It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	jdh	RM GWR
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 	jdh	RM GWR
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.	jdh	RM GWR
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.		jdh RM GWR
	Printed Name / Signature	Date
a. Author	<u>Jane Hartley</u> <i>Jane Hartley</i>	<u>7-15-09</u>
b. Facility Reviewer(*)	<u>RICHARD MURRAY</u> <i>Richard Murray</i>	<u>7/16/09</u>
c. NRC Chief Examiner (#)	<u>Gabriel Arger</u> <i>Gabriel Arger</i>	<u>8/18/09</u>
d. NRC Supervisor	<u>RYAN LUNTZ</u> <i>Ryan Luntz</i>	<u>8/20/09</u>
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:	Aug. 31 - Sept. 4, 2009	Scenario Numbers:	1/2/3/4	Operating Test No.:	
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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.	Jdh	Rm	Gwr
2.	The scenarios consist mostly of related events.	Jdh	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) 	Jdh	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.	Jdh	Rm	Gwr
5.	The events are valid with regard to physics and thermodynamics.	Jdh	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.	Jdh	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.	N/A	Rm	N/A
8.	The simulator modeling is not altered.	Jdh	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.	Jdh	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.	Jdh	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).	Jdh	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).	Jdh	Rm	Gwr
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	Jdh	Rm	Gwr
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		
		1/2/3/4		-- -- --
1.	Total malfunctions (5-8)	6/7/7/5		Jdh Rm Gwr
2.	Malfunctions after EOP entry (1-2)	1/2/1/1		Jdh Rm Gwr
3.	Abnormal events (2-4)	2/3/2/3		Jdh Rm Gwr
4.	Major transients (1-2)	2/1/2/1		Jdh Rm Gwr
5.	EOPs entered/requiring substantive actions (1-2)	1/2/1/1		Jdh Rm Gwr
6.	EOP contingencies requiring substantive actions (0-2)	1/1/1/0		Jdh Rm Gwr
7.	Critical tasks (2-3)	3/4/2/3		Jdh Rm Gwr

Facility: WOLF CREEK Date of Exam: 8/26/09 Exam Level: RO SRO

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

	Printed Name/Signature	Date
a. Grader	<u>Jane Hartley</u> <u>Jane Hartley</u>	<u>9-3-09</u>
b. Facility Reviewer(*)	<u>Richard A. Murray</u> <u>RICHARD MURRAY</u>	<u>9/3/09</u>
c. NRC Chief Examiner (*)	<u>GABRIEL APGAR</u> <u>[Signature]</u>	<u>9/3/09</u>
d. NRC Supervisor (*)	<u>RYAN LANZ</u> <u>[Signature]</u>	<u>10/1/09</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 08/01/2009 To 09/30/2009

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
08/01/2009	Wolf Creek / 05000482 / 2009301 TAC #: X02419		Prep	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. DRAKE, JAMES F. LARSON, BRIAN T.
08/31/2009	Wolf Creek / 05000482 / 2009301 TAC #: X02419	RO - 2 SROU - 2	Admin	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. DRAKE, JAMES F. LARSON, BRIAN T.
09/05/2009	Wolf Creek / 05000482 / 2009301 TAC #: X02419		Doc	FFF	APGER, GABRIEL W.	APGER, GABRIEL W. DRAKE, JAMES F. LARSON, BRIAN T.

Operator Licensing Exam Schedule

From 08/01/2009 To 09/30/2009

Region: 4

Phase Code: 5

Summary By Date

08/2009 WC - Wolf Creek

RO - 2

SROI - 2

SROU - 2

LSRO - 0

Total for Wolf Creek: 6

08/2009

RO - 2

SROI - 2

SROU - 2

LSRO - 0

Total for 08/2009: 6

09/2009 WC - Wolf Creek

RO - 0

SROI - 0

SROU - 0

LSRO - 0

Total for Wolf Creek: 0

Summary By Site

WC - Wolf Creek

RO - 2

SROI - 2

SROU - 2

LSRO - 0

Total for Wolf Creek: 6

Operator Licensing Exam Schedule

From 08/01/2009 To 09/30/2009

Region: 4 Phase Code: 5

Summary By Region

Region 4

RO - 2

SROI - 2

SROU - 2

LSRO - 0

Total for Region 4: 6

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of Aug 31, 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 Aug 31. 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/Facility Auditor	Jane Hartley	1-16-09	Jane Hartley	9/3/09
Norman R. Guyse	Exam Writer/Reviewer	[Signature]	1/16/09	[Signature]	9/3/09
Jolene Kraucker	Office Clerk	[Signature]	1/16/09	[Signature]	9/3/09
RICK MURRAY	201-514	[Signature]	11/9/09	[Signature]	9/3/09
Randy W. Skiles	Instructor	Randy W. Skiles	2/18/09	[Signature]	9/10/09
Begonia Ryan	Senior Forensic Lead	[Signature]	3/16/09	[Signature]	3/5/09
Jacob Stone	Lead Simulator Specialist	[Signature]	4-2-09	[Signature]	3/5/09
Starley F. Hahn	Lead Sim Specialist	[Signature]	6/15/09	[Signature]	9/3/09
Robert E. Enck	Instructor	[Signature]	6/8/09	[Signature]	9/3/09
Tom Stewart	451-Reginal	[Signature]	6/8/09	[Signature]	9/14/09
Glen Sample	Instructor/Lead Reginal	[Signature]	7/6/09	[Signature]	9/18/09
Ed Wynn	Accred. Analyst	[Signature]	7/8/09	[Signature]	7/8/09
Troy Gierowski	Reactor Operator	[Signature]	7/8/09	[Signature]	9/3/09
Larry Heath	SRO	[Signature]	7/8/09	[Signature]	9/3/09

NOTES:

PRINTED NAME	JOB TITLE/RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
16. BILL STERKER	SM		7/8/09		9/3/09	
17. JAMES KURKS	SM		7/14/09		9/14/09	
17. JEFF ISEN	SM		7/14/09		9/8/09	
19. Roger Turner	RO		7-14-09		9/7/09	
20. Fred Schwingbauer	RO		7-14-09		9/10/09	
21. Warren Branch	CRS		7/15/09		9/8/09	
22. Glenn Reeves	SE		7/15/09		9/8/09	
23. MARK BAIRD	SIMPLEX II		7/28/09		9-3-09	
24. James W. Furrer	RO		7-28-09		9-3-09	
25. J. Wade Gano	CRS		7/28/09		9/19/09	
26. Jack Myers	RO		7/28/09		9/14/09	
27. KELVIN CHRISTENSEN	RO		7-28-09		9-8-09	
28. Daniel Bouvier	CRS		7/28/09		9/8/09	
29. Michael L. Rehran	CRS		8/04/09		9-8-09	
30. Jon Stearns	RO		8-11-09		9-4-09	
31. Pat Hawkins	RU		8-12-09		9/4/09	
32. Preston Lawson	SM		8/13/09		9/4/09	
33. William Brown	Inst		8/31/09		9/5/09	
34. J. Lee Gorman	Inst.		8/31/09		9/3/09	
35. William A. Brown	Inst		8/31/09		9/3/09	

NOTES

