

EXAM ASSIGNMENT TICKLER

4/11/05

Replaces NUREG-1021, Revision 9, ES Forms 201-1 and 501-1

2 WRITTEN & 1 OP-TEST

CHIEF:	Mark S. Haire	FACILITY:	CGS	DATE of OPERATING EXAM:	05/26/05
Due Date	Description	Date Complete	Initials	Notes	
11/27/04	Activity Schedule Agreement (C.1.a; C.2.a & b)	1/11/05	H	3 ISRO WRITTEN EXAMS 1 RO SCENARIO EXAM	
11/27/04	NRC Staff & Fac. Contact Assigned (C.1.c; C.2.e)	1/11/05	H	STEVE HUTCHISON - AUTHOR	
11/27/04	Facility Contact Briefed on Security & Other Req's (C.2.c)	1/12/05	H		
11/27/04	Corporate Notification Letter (ES-201 Att-3) Sent (C.2.d)	1/14/05	H	CG-2005-301-MH	
1/26/05	Exam Ref. Material Due (if NRC authored) (C.1.d; C.3.c)	N/A	H		
1/26/05	Integrated Exam Outlines Due (C.1.d & e; C.3.d)	2/1/05	H		
2/9/05	Outlines Review & Feedback from NRC (c.2.h; C.3.e)	2/15/05	H		
2/25/05	Expectations, Issues, & Standards Discussed w/ BC				
3/28/05 3/27/05	Draft Exams w/ Doc./Ref. Due (C.1.d/e/f; C.3.d)	3/18/05	H	(RECEIVED IN OFFICE 3/25/05) STETKA ASSIGNED TO REV	
4/6/05	Peer Reviewer Documents Review of Exam	4/6/05	H		
4/6/05	NRC BC Approves Feedback to Facility (C.2.h; C.3.f)	4/15/05	H		
4/18/05 4/15/05	Exams Reviewed w/ Fac. (C.1.h; C.2.f&h; C.3.g)	4/18/05	H	WRITTEN EXAM 5/16/05 CORRECTIONS DUE BY 11	
4/26/05	Preliminary Applications Reviewed (C.1.j; C.2.g; ES202)	5/4/05	H		
5/12/05 ¹²	Final Applications Reviewed (C.1.j; C.2.h; ES202)	6/3/05	H		
5/12/05	On-Site Preparatory Week to Validate Operating Exam	N/A	H	OP-EXAM CANCELLED; WRITTEN SCHED. FOR 6/13/05	
5/12/05	On-Site Audit (10%) of License App's (ES-202 C.2.e)	N/A	H	NOT NECESSARY PER EMAIL FROM FRANK HQ ON 5/14/05	
5/19/05	Final Appl. OK'ed & Waivers Sent to Applicants (C.2.g)	6/3/05	H		
5/19/05	NRC Supervisor Approved Final Exams (C.2.i; C.3.h)	6/3/05	H		
5/19/05	Exam Approval Letter (ES-201 Att-4) and List of Applicants (ES-201-4) Prepared (C.2.i)	6/3/05	H		
5/19/05	Proctor Rules Review w/Fac. & Written Authorized (C.3.k)	6/7/05	H		
5/19/05	Exam Material to Exam Team (C.3.i)	N/A	H		
6/13/05 6/26/05	Administer Operating Exam On-Site	6/13/05	H	(BOTH PASSED) WRITTEN ON 5/5/05	
6/7/05	Facility Graded Exam & Comments Received	6/14/05	H		
6/10/05	NRC Written Exam Grading Completed	6/27/05	H		
6/10/05	Examiners Document Exam Grades on ES Forms	6/27/05	H		
6/20/05	NRC Chief Examiner Grading Review Completed	6/27/05	H		
6/21/05	NRC BC Review Completed	6/27/05	H		
6/26/05	RPS/IP # Examinees Updated Before Report Issued	6/27/05	H		
6/26/05	License/Denials Signed & Report Issued	6/28/05	H		
7/17/05	Package Closed Out	6/28/05	H		
8/24/05	Chief QA of ADAMS	6/28/05	H		

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.	SA	RS	H
	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.	SA	RS	H
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	SA	RS	H
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	SA	RS	H
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.	SA	RS	H
	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.	SA	RS	H
	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.	SA	RS	H
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.	NA	N/A	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	N/A	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	N/A	N/A
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.	SA	RS	H
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	SA	RS	H
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	SA	RS	H
	d. Check for duplication and overlap among exam sections.	SA	RS	H
	e. Check the entire exam for balance of coverage.	SA	RS	H
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	SA	RS	H
a. Author		Printed Name/Signature		Date
b. Facility Reviewer (*)		Steve Nicholson / Randy Guthrie / Randy J. Allen		1-13-05
c. NRC Chief Examiner (#)		M. HAIRE		1-13-05
d. NRC Supervisor		A.T. Gory / AT Jody		2/15/05
Note:		# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.		

Facility: <u>Columbia Generating Station</u>		Date of Exam: <u>JUNE May 2005</u>		Exam Level: <u>RO/SRO</u>																						
Item Description				Initial																						
				a	b*	c*																				
1.	Questions and answers are technically accurate and applicable to the facility.			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
2.	a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.			<u>RUH</u>	<u>NBA</u>	<u>H/A</u>																				
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401			<u>RUH</u>	<u>NBA</u>	<u>H/A</u>																				
4.	If more than four RO and two SRO questions are repeated from the last two NRC licensing exams, the facility licensee's sampling process was random and systematic.			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
5.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input checked="" type="checkbox"/> the audit exam was systematically and randomly developed <input type="checkbox"/> the audit exam was completed before the license exam was started <input type="checkbox"/> the examinations were developed independently <input checked="" type="checkbox"/> the licensee certifies that there is no duplication other (explain)			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
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 20% 14% 15% 4%	Modified 5% 4% 41% 3%	New 75% 80% 56% 20%	<u>RUH</u>	<u>NBA</u>	<u>H</u>																			
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 43% 8% 32% 2%	C/A 57% 92% 43% 23%	<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
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.			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
10.	Question psychometric quality and format meet the guidelines in ES Appendix B.			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
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.			<u>RUH</u>	<u>NBA</u>	<u>H</u>																				
<table border="0"> <tr> <td></td> <td colspan="2">Printed Name / Signature</td> <td>Date</td> </tr> <tr> <td>a. Author</td> <td colspan="2"><u>Ron Hayden</u></td> <td><u>3/17/05</u></td> </tr> <tr> <td>b. Facility Reviewer (*)</td> <td colspan="2"><u>GARY B. HENDRICK</u></td> <td><u>3/17/05</u></td> </tr> <tr> <td>c. NRC Chief Examiner (#)</td> <td colspan="2"><u>MARK HAIRE</u></td> <td><u>5/25/05</u></td> </tr> <tr> <td>d. NRC Regional Supervisor</td> <td colspan="2"><u>ANTHONY GORDY</u></td> <td><u>5/26/05</u></td> </tr> </table>								Printed Name / Signature		Date	a. Author	<u>Ron Hayden</u>		<u>3/17/05</u>	b. Facility Reviewer (*)	<u>GARY B. HENDRICK</u>		<u>3/17/05</u>	c. NRC Chief Examiner (#)	<u>MARK HAIRE</u>		<u>5/25/05</u>	d. NRC Regional Supervisor	<u>ANTHONY GORDY</u>		<u>5/26/05</u>
	Printed Name / Signature		Date																							
a. Author	<u>Ron Hayden</u>		<u>3/17/05</u>																							
b. Facility Reviewer (*)	<u>GARY B. HENDRICK</u>		<u>3/17/05</u>																							
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d. NRC Regional Supervisor	<u>ANTHONY GORDY</u>		<u>5/26/05</u>																							
Note: * The facility reviewer's initials/signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.																										

Facility: <u>Columbia</u>		Date of Exam: <u>6/13/2005</u>		Exam Level: RO <input type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>RLH</u>	<u>RES</u>	<u>WSA</u>		
2. Answer key changes and question deletions justified and documented	<u>RLH</u>	<u>RES</u>	<u>MSA</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>RLH</u>	<u>RES</u>	<u>WSA</u>		
4. Grading for all borderline cases (80 \pm 2% overall and 70 or 80, as applicable, \pm 4% on the SRO-only) reviewed in detail	<u>RLH</u>	<u>RES</u>	<u>WSA</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>N/A</u>	<u>—</u>	<u>N/A</u>		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<u>RLH</u>	<u>RES</u>	<u>WSA</u>		
Printed Name/Signature		Date			
a. Grader	<u>Ron Hayden / RLH</u>	<u>6/13/05</u>			
b. Facility Reviewer(*)	<u>Randy Guthrie / Randy</u>	<u>6/13/05</u>			
c. NRC Chief Examiner (*)	<u>Mark Haire / MH</u>	<u>6/27/05</u>			
d. NRC Supervisor (*)	<u>AT Gody / ATG</u>	<u>6/27/05</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

Facility: <u>Columbia</u>		Date of Exam: <u>6/13/2005</u>		Exam Level: ROX <input checked="" type="checkbox"/> SRO <input type="checkbox"/>	
Item Description		Initials			
		a	b	c	
1. Clean answer sheets copied before grading		<u>MSA</u>	<u>RES</u>	<u>MSA</u>	
2. Answer key changes and question deletions justified and documented		<u>MSA</u>	<u>RES</u>	<u>MSA</u>	
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)		<u>MSA</u>	<u>RES</u>	<u>MSA</u>	
4. Grading for all borderline cases (80 \pm 2% overall and 70 or 80, as applicable, \pm 4% on the SRO-only) reviewed in detail		<u>MSA</u>	<u>RES</u>	<u>MSA</u>	
5. All other failing examinations checked to ensure that grades are justified		<u>N/A</u>	<u>—</u>	<u>N/A</u>	
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants		<u>MSA</u>	<u>RES</u>	<u>MSA</u>	
Printed Name/Signature		Date			
a. Grader	<u>Ron Hayden / Ron Hayden</u>	<u>6/13/05</u>			
b. Facility Reviewer(*)	<u>Randy Guthrie / Randy Guthrie</u>	<u>6/13/05</u>			
c. NRC Chief Examiner (*)	<u>Mark Haire / Mark Haire</u>	<u>6/27/05</u>			
d. NRC Supervisor (*)	<u>AT Goddy / AT Goddy</u>	<u>6/27/05</u>			
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Operator Licensing Exam Schedule

From 04/01/2005 To 09/30/2005

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
01/10/2005	Columbia Generating Station / 05000397 / 2005301 TAC #: X02320		Prep		HAIRE, MARK S.	HAIRE, MARK S. STETKA, THOMAS F.
06/13/2005	Columbia Generating Station / 05000397 / 2005301 TAC #: X02320	SROI - 2	Admin	FFF	HAIRE, MARK S.	HAIRE, MARK S. STETKA, THOMAS F.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 5/23/05 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 5/23/05. 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.	Mark Painter	PDIS Analyst	<i>Mark Painter</i>	2-23-05	<i>Mark Painter</i>	6-14-05	
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NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 5/22/05 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 6/13/05. 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. Steve Hubbs	TRNG. SPEC.		12/1/04		6/13/05
2. Tom Hydon	Trg Specialist		12/1/04		6/13/05
3. Gary Hendrick	OPERATIONS SUPPORT MGR		12/2/04		6/14/05
4. Mark Westergren	Trng Specialist		12/2/04		6/13/05
5. Randy Guthrie	Operations Trg Mgr		1/7/05		6/13/05
6. Richard W. Lawrence	Simulation Support Eng		1/3/05		6/13/05
7. THALYADANT	SIMULATOR ENG.		1/3/05		6/13/05
8. RAVINARANA			1/3/05		6/13/05
9. Carl E. Grelbly	Simulator Supervisor		1/3/05		6/13/05
10. JAMES F. VALDIZ	IS & TECH		1-31-05		6/14/05
11. Mike Keller	SM/OPS		23 Feb 05		16 Jun 05
12. James Reedy	CR'S		2/23/05		6/15/05
13.					
14.					
15.					

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. <u>MAURIE PRATT</u>	<u>OPS PROCEDURE LEAD</u>	<u>[Signature]</u>	<u>2/14/05</u>	<u>[Signature]</u>	<u>6/14/05</u>	
2. <u>N. HANCOCK</u>	<u>OPS SM</u>	<u>[Signature]</u>	<u>02/14/05</u>	<u>* N. Hancock</u>	<u>6/14/05</u>	
3. <u>R. MEYERS</u>	<u>OPS CRS/SSS</u>	<u>[Signature]</u>	<u>3/7/05</u>	<u>[Signature]</u>	<u>6/15/05</u>	
4. <u>D.R. GREEN</u>	<u>SM</u>	<u>[Signature]</u>	<u>3/7/05</u>	<u>[Signature]</u>	<u>6/15/05</u>	
5. <u>E. LAUREANO</u>	<u>OPS CRD</u>	<u>[Signature]</u>	<u>3/7/05</u>	<u>[Signature]</u>	<u>6/14/05</u>	
6. <u>S. JOHNSON</u>	<u>CRD</u>	<u>[Signature]</u>	<u>3/7/05</u>	<u>[Signature]</u>	<u>6/15/05</u>	
7. <u>Bruce R. HUGO</u>	<u>SRO</u>	<u>[Signature]</u>	<u>8 Mar-05</u>	<u>[Signature]</u>	<u>15 Jun 05</u>	
8. <u>Clay Zlatnik</u>	<u>CRD</u>	<u>[Signature]</u>	<u>3-9-05</u>	<u>[Signature]</u>	<u>6-14-05</u>	
9. <u>Stephen Magill</u>	<u>SRO</u>	<u>[Signature]</u>	<u>3-9-05</u>	<u>[Signature]</u>	<u>6/14/05</u>	
10. <u>Paul Steichen</u>	<u>RO</u>	<u>[Signature]</u>	<u>5-2-05</u>	<u>[Signature]</u>	<u>6-14-05</u>	
11. <u>CHESTER GREEN</u>	<u>SRO</u>	<u>[Signature]</u>	<u>5-2-05</u>	<u>[Signature]</u>	<u>6/16/05</u>	
12. <u>WILLIAM HART</u>	<u>RO</u>	<u>[Signature]</u>	<u>5-2-05</u>	<u>[Signature]</u>	<u>6/14/05</u>	
13. <u>Nicholas E. Kleven</u>	<u>SRO</u>	<u>[Signature]</u>	<u>5-2-05</u>	<u>[Signature]</u>	<u>6-14-05</u>	
14.						
15.						

NOTES:

* Via phone conversation on 6/14/05 @ 1012 received verbal acknowledgement that Post-Examination statement was true. N. Hancock 6/14/05