

## EXAM ASSIGNMENT TICKLER

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

CHIEF:	Mike Murphy	FACILITY:	CNS	DATE of WRITTEN EXAM:	10/21/05
Due Date	Description	Date Complete	Initials	Notes	
10/3/05	Activity Schedule Agreement (C.1.a; C.2.a & b)	9/29/05	msmt		
10/3/05	NRC Staff & Fac. Contact Assigned (C.1.c; C.2.e)	9/29/05	msmt		
10/3/05	Facility Contact Briefed on Security & Other Req's (C.2.c)	9/29/05	msmt		
10/6/05	Corporate Notification Letter (ES-201 Att-3) Sent (C.2.d)	9/29/05	msmt		
N/A	Exam Ref. Material Due (if NRC authored) (C.1.d; C.3.c)	N/A	—		
N/A	Integrated Exam Outlines Due (C.1.d & e; C.3.d)	N/A	—		
10/3/05	Outlines Review & Feedback from NRC (c.2.h; C.3.e)	10/3/05	msmt		
10/3/05	Expectations, Issues, & Standards Discussed w/ BC	9/28/05	msmt		
10/3/05	Draft Exams w/ Doc./Ref. Due (C.1.d/e/f; C.3.d)	9/27/05	msmt		
10/10/05	Peer Reviewer Documents Review of Exam	10/4/05	msmt		
10/10/05	NRC BC Approves Feedback to Facility (C.2.h; C.3.f)	10/4/05	DL		
10/10/05	Exams Reviewed w/ Fac. (C.1.h; C.2.f&h; C.3.g)	10/4/05	msmt		
9/21/05	Preliminary Applications Reviewed (C.1.j; C.2.g; ES202)	10/3/05	msmt		
10/7/05	Final Applications Reviewed (C.1.j; C.2.h; ES202)	10/7/05	msmt	NEED WAIVER.	
N/A	On-Site Preparatory Week to Validate Operating Exam	N/A	—		
N/A	On-Site Audit (10%) of License App's (ES-202 C.2.e)	N/A	—		
10/14/05	Final Appl. OK'ed & Waivers Sent to Applicants (C.2.g)	10/11/05	msmt		
10/14/05	NRC Supervisor Approved Final Exams (C.2.i; C.3.h)	10/12/05	M		
10/14/05	Exam Approval Letter (ES-201 Att-4) and List of Applicants (ES-201-4) Prepared (C.2.i)	10/12/05	msmt		
10/14/05	Proctor Rules Review w/Fac. & Written Authorized (C.3.k)	10/12/05	msmt		
10/14/05	Exam Material to Exam Team (C.3.i)	N/A			
10/21/05	Administer Written Exam On-Site	10/13/05	msmt		
11/2/05	Facility Graded Exam & Comments Received	10/19/05	msmt		
11/5/05	NRC Written Exam Grading Completed	10/19/05	msmt		
11/5/05	Examiners Document Exam Grades on ES Forms	10/19/05	msmt		
11/15/05	NRC Chief Examiner Grading Review Completed	10/19/05	msmt		
11/16/05	NRC BC Review Completed	10/20/05	ST		
11/21/05	RPS/IP # Examinees Updated Before Report Issued	N/A			
11/21/05	License/Denials Signed & Report Issued	N/A			
12/12/05	Package Closed Out				
1/19/06	Chief QA of ADAMS				

ADAMS ACCESSION NO. -  
 TEMPLATE NO. -

*CNS. 10/21/05*

Facility: <i>CNS</i>		Date of Examination: <i>10/21/05</i>		
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.	<i>DA</i>	<i>DL</i>	<i>mm</i>
	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.	<i>DA</i>	<i>DL</i>	<i>mm</i>
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	<i>DA</i>	<i>DL</i>	<i>mm</i>
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	<i>DA</i>	<i>DL</i>	<i>mm</i>
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.	NA	NA	NA
	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.	NA	NA	NA
	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.	NA	NA	NA
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	NA	NA
	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	NA	NA
	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	NA	NA
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.	<i>DA</i>	<i>DL</i>	<i>mm</i>
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	<i>DA</i>	<i>DL</i>	<i>mm</i>
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	<i>DA</i>	<i>DL</i>	<i>mm</i>
	d. Check for duplication and overlap among exam sections.	NA	NA	NA
	e. Check the entire exam for balance of coverage.	NA	NA	NA
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	<i>DA</i>	<i>DL</i>	<i>mm</i>
a. Author <i>MICHAEL BARTON</i>		Printed Name Signature <i>FOR GREG JENSEN</i>		Date <i>9-12-05</i>
b. Facility Reviewer (*) <i>DA</i>				<i>9-14-05</i>
c. NRC Chief Examiner (#) <i>M.E. MURPHY</i>				<i>12/12/05</i>
d. NRC Supervisor <i>KE. LANIER</i>				<i>12/12/05</i>
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.				

Facility: <u>CNS</u>		Date of Exam: <u>10/21/05</u>		Exam Level: RO/SRO			
Item Description				Initial			
				a	b*	c#	
1. Questions and answers are technically accurate and applicable to the facility.				<u>OK</u>	<u>OK</u>	<u>Initial</u>	
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.				<u>OK</u>	<u>OK</u>	<u>Initial</u>	
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401				<u>OK</u>	<u>OK</u>	<u>Initial</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.							
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 type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)				<u>OK</u>	<u>OK</u>	<u>N/A</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	Modified	New	<u>OK</u>	<u>OK</u>	<u>Initial</u>
		<u>38/14</u>	<u>9/2</u>	<u>28/9</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	C/A		<u>OK</u>	<u>OK</u>	<u>Initial</u>
		<u>42.7/40</u>	<u>57.3/60</u>				
8. References/handouts provided do not give away answers or aid in the elimination of distractors.				<u>OK</u>	<u>OK</u>	<u>Initial</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>OK</u>	<u>OK</u>	<u>Initial</u>	
10. Question psychometric quality and format meet the guidelines in ES Appendix B.				<u>OK</u>	<u>OK</u>	<u>Initial</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>OK</u>	<u>OK</u>	<u>Initial</u>	
Printed Name / Signature a. Author <u>MICHAEL BARTON</u> b. Facility Reviewer (*) <u>Dan J.</u> c. NRC Chief Examiner (#) <u>M.E. MURPHY</u> d. NRC Regional Supervisor <u>R.E. GANTZ</u>				Date <u>9-12-05</u> <u>9-19-05</u> <u>10/12/05</u> <u>10/2/05</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>CNS</u>		Date of Exam: <u>10/21/05</u>		Exam Level: RO/SRO	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>NA</u>	<u>NA</u>	<u>2nd</u>		
2. Answer key changes and question deletions justified and documented	<u>NA</u>	<u>NA</u>	<u>M/A</u> <u>2nd</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>NA</u>	<u>NA</u>	<u>2nd</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>NA</u>	<u>NA</u>	<u>M/A</u> <u>2nd</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>NA</u>	<u>NA</u>	<u>M/A</u> <u>2nd</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>NA</u>	<u>NA</u>	<u>M/A</u> <u>2nd</u>		
Printed Name/Signature		Date			
a. Grader	<u>MICHAEL BARTON</u> <u>[Signature]</u>	<u>10-13-05</u>			
b. Facility Reviewer(*)	<u>David Ture</u> <u>[Signature]</u>	<u>10-14-05</u>			
c. NRC Chief Examiner (*)	<u>M.E. Murphy</u> <u>[Signature]</u>	<u>10/19/05</u>			
d. NRC Supervisor (*)	<u>A.T. Gody</u> <u>[Signature]</u>	<u>10/20/05</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

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07/14/2006

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Region: 4 Phase Code: 5 Operational

# Operator Licensing Exam Schedule

From 10/01/2005 To 09/30/2006

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
09/18/2005	Cooper / 05000298 / 2005302 TAC #: X02333		Prep		MURPHY, MICHAEL E.	GARCHOW, STEPHEN M. MURPHY, MICHAEL E.
10/25/2005	Cooper / 05000298 / 2005302 TAC #: X02333	SROU - 1	Admin	FFF	MURPHY, MICHAEL E.	MURPHY, MICHAEL E.
10/26/2005	Cooper / 05000298 / 2005302 TAC #: X02333		Doc		MURPHY, MICHAEL E.	MURPHY, MICHAEL E.
11/14/2005	Cooper / 05000298 / 2005005 Procedure #: 7111111B				GAGE, PAUL C.	GAGE, PAUL C.
04/17/2006	Cooper / 05000298 / 2006301 TAC #: X02344	RO - 6 SROU - 4	Prep	NNN	MCKERNON, THOMAS O.	GARCHOW, STEPHEN M. TINDELL, BRIAN W.
05/01/2006	Cooper / 05000298 / 2006003 Procedure #: 7111111B				CLAYTON, KELLY D.	CLAYTON, KELLY D.
08/07/2006	Cooper / 05000298 / 2006004 Procedure #: 7111111B				DRAKE, JAMES F.	DRAKE, JAMES F. TINDELL, BRIAN W.
09/11/2006	Cooper / 05000298 / 2006301 TAC #: X02344	RO - 6 SROU - 4	Prep	NNN	MCKERNON, THOMAS O.	DRAKE, JAMES F. GARCHOW, STEPHEN M. MCKERNON, THOMAS O. TINDELL, BRIAN W.

Operator Licensing Exam Schedule  
From 10/01/2005 To 09/30/2006

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Region: 4 Phase Code: 5 Operational

Summary By Date				
09/2005	CNS - Cooper	SROI - 0	SROU - 0	LSRO - 0
	RO - 0			
09/2005				Total for Cooper: 0
	RO - 0	SROI - 0	SROU - 0	LSRO - 0
10/2005	CNS - Cooper	SROI - 0	SROU - 1	LSRO - 0
	RO - 0			
10/2005				Total for Cooper: 1
	RO - 0	SROI - 0	SROU - 1	LSRO - 0
11/2005	CNS - Cooper			
				Total for 10/2005: 1
11/2005				
04/2006	CNS - Cooper	SROI - 7	SROU - 4	LSRO - 0
	RO - 6			
04/2006				Total for Cooper: 17
	RO - 6	SROI - 7	SROU - 4	LSRO - 0
05/2006	CNS - Cooper			
				Total for 04/2006: 17
05/2006				
08/2006	CNS - Cooper			
09/2006	CNS - Cooper	SROI - 7	SROU - 4	LSRO - 0
	RO - 6			
				Total for Cooper: 17

# Operator Licensing Exam Schedule

From 10/01/2005 To 09/30/2006

Summary By Site

CNS - Cooper  
RO - 12

SROI - 14

SROU - 9

LSRO - 0

Total for Cooper: 35

14:37:45

# Operator Licensing Exam Schedule

From 10/01/2005 To 09/30/2006

Region: 4      Phase Code: 5 Operational

Summary By Region

Region 4					
RO - 12	SROI - 14	SROU - 9	LSRO - 0		Total for Region 4: 35



Examination Security Agreement























ES-201

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 10/11/05 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 10-13-05. 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
Gregory Jensen	Exam Developer		6-20-05		10-30-05	
Tammy Knapp	Clearing		6-21-05		10-19-05	
Michael Barton	OPS INST. / EXAM DEVELOPER		8-3-05		10-26-05	
David Jure	OPS TRNG SUPERVISOR		9-6-05		10-26-05	
Randy Kough	SAO		9-9-05		21-05-05	
Nate Becker	CRS		9-8-2005		10-20-05	
Josh Ulrich	NLO Instructor		9-8-05		10-27-05	
Fred Schmitt	SRB		8-2-05		10-03-05	
Kenneth Wosch	CRS		9-8-05		10-31-05	
Mike Jackson	OPS SUPERVISOR		9-12-05		10-27-05	
Randy Carlson	OPS INST / Exam Developer		9-12-05		10-26-05	

NOTES: