

Assignment Tickler: **Mike Murphy, FCS IN EX**

Replaces NUREG-1021, Revision 8, Supplement 1 ES Forms 201-1 and 501-1

Due Date	Chief	Facility/ Task	Description	Date Complete	Notes
10/18/03	MEM	FC IN EX	Exam/Inspection Schedule Agreement (C.1.a;C.2.a&b)	N/A	
10/18/03	MEM	FC IN EX	NRC Staff & Fac. Contact Assigned (C.1.c;C.2.e)	10/8/03	
10/18/03	MEM	FC IN EX	Facility contact briefed on security & other issues (C.2.c)	10/16/03	
10/18/03	MEM	FC IN EX	Corp. Notification Letter Sent (C.2.d) (Exams only)	10/20/03	
1/30/04	MEM	FC IN EX	Inspection Announcement Letter Sent (PIR & LORT if req'd)	N/A	
12/16/03	MEM	FC IN EX	Task Expectations, Issues, & Standards Discussed w/ BC	N/A	
11/16/03	MEM	FC IN EX	[Reference Material Due (C.1.d;C.3.c)	N/A	
11/16/03	MEM	FC IN EX	Integrated Exam Outlines Due (C.1.d&e;C.3.d)	11/25/03	
11/30/03	MEM	FC IN EX	Outlines reviewed by NRC & Feedback Sent (c.2.h;C.3.e)	12-14/03	
2/14/04	MEM	FC IN EX	Preliminary Applications Due (C.1.j;C.2.g;ES202)	2-17/04	
1/15/04	MEM	FC IN EX	Draft Exams w/ Doc./Ref. Due (C.1.d/ef;C.3.d)	1/20/03	
1/25/04	MEM	FC IN EX	Peer Reviewer Initials As Reviewed All Parts*	2/5/04	
1/25/04	MEM	FC IN EX	NRC Supervisor. Initials Approving for Fac. Rev. (C.2.h;C.3.f)*	2/6/04	
1/25/04	MEM	FC IN EX	Exams Reviewed w/ Fac. (C.1.h;C.2.f&h;C.3.g)	2/11/04	
3/1/04	MEM	FC IN EX	Final Appl. Due & Assign. Sheet Prepared (C.1.j;C.2.h;ES202)	2/26/04	
3/8/04	MEM	FC IN EX	NRC Supervisor Approved Final Exams (C.2.i;C.3.h)*	3/8/04	
2/23/04	MEM	FC IN EX	Director debrief (PIR Only)	N/A	
3/8/04	MEM	FC IN EX	Final Appl. Rec'd & <del>Waivers Sent</del> (C.2.g)	2/26/04	
3/8/04	MEM	FC IN EX	Proctor Rules Reviewed w/ Fac. & Written Authorized (C.3.k)	3/9/04	

Assignment Tickler: **Mike Murphy, FCS IN EX** Replaces NUREG-1021, Revision 8, Supplement 1 ES Forms 201-1 and 501-1

3/8/04	MEM	FC IN EX	Exam/Insp Material to Team (C.3.i)	<i>nd</i>	3/8/04	
3/27/04	MEM	FC IN EX	Fac. graded exam & Comments Rec'd		3/18/04	
3/15/04	MEM	FC IN EX	Administer Exam/Conduct Inspection		3/15-18/04	
3/30/04	MEM	FC IN EX	NRC Written Grading Completed		3/25/04	
3/30/04	MEM	FC IN EX	Examiners Finished Grading Op. Tests		3/24/04	
4/9/04	MEM	FC IN EX	NRC Ch. Ex. Review Completed		3/26/04	
4/10/04	MEM	FC IN EX	NRC BC Review Completed*		3/29/04	
4/15/04	MEM	FC IN EX	RPS/IP # Examinees Updated Before Report Issued		4/6/04	
4/15/04	MEM	FC IN EX	Licensee/Denials-Signed & Report Issued		4/6/04	
5/6/04	MEM	FC IN EX	Package Closed Out		4/22/04	
6/13/04	MEM	FC IN EX	Chief QA of ADAMS			

Facility: <u>Fort Calhoun</u>		Date of Examination: <u>3/12/04</u>		
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 per ES-401.	EK	JW	JW
	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.	EK	JW	JW
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	EK	JW	JW
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	EK	JW	JW
2. S I M	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, and major transients.	EK	JW	JW
	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; ensure 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 scenarios will not be repeated <del>over successive</del> on subsequent days.	EK	JW	JW
	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.	EK	JW	JW
3. W / T	a. Verify that: (1) the outline(s) contain(s) the required number of control room and in-plant tasks, (2) no more than 30% of the test material is repeated from the last NRC examination, (3)* no tasks are duplicated from the applicants' audit test(s), and (4) no more than 80% of any operating test is taken directly from the licensee's exam banks.	EK	JW	JW
	b. Verify that: (1) the tasks are distributed among the safety function groupings as specified in ES-301, (2) one task is conducted in a low-power or shutdown condition, (3) <del>40%</del> 4 - 6 (2 - 3 for SRO-U) of the tasks require the applicant to implement an alternate path procedure, (4) one in-plant task tests the applicant's response to an emergency or abnormal condition, and (5) the in-plant walk-through requires the applicant to enter the RCA.	EK	JW	JW
	c. Verify that the required administrative topics are covered, <del>with emphasis on performance-based activities.</del>	EK	JW	JW
	d. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on <del>successive</del> subsequent days.	EK	JW	JW
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 section.	EK	JW	JW
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	EK	JW	JW
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	EK	JW	JW
	d. Check for duplication and overlap among exam sections.	EK	JW	JW
	e. Check the entire exam for balance of coverage.	EK	JW	JW
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	EK	JW	JW
a. Author	<u>Jerry Koske</u> Printed Name / <u>[Signature]</u> Signature		Date <u>11/12/03</u>	
b. Facility Reviewer (*)	<u>DAVID E WEAVER</u> / <u>[Signature]</u>		<u>11/12/03</u>	
c. NRC Chief Examiner (#)	<u>MICHAEL E. MURPHY</u> / <u>[Signature]</u>		<u>11/24/03</u>	
d. NRC Supervisor	<u>ANTHONY T. GODY</u> / <u>[Signature]</u>		<u>11/25/03</u>	
Note:	* Not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.			

Facility: <u>Fort Calhoun</u>		Date of Exam: <u>3/2004</u>		Exam Level: <u>RO/SRO</u>		
Item Description	Initial					
	a	b*	c#			
1. Questions and answers technically accurate and applicable to facility	EK	JW	A			
2. a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available	EK	JW	A			
3. <del>RO/SRO overlap is no more than 75 percent, and</del> SRO questions are appropriate per Section D.2.d of ES-401	EK	JW				
4. Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process			A			
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 checked="" type="checkbox"/> the audit exam was completed before the license exam was started; or <input type="checkbox"/> the examinations were developed independently; or <input type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)	EK	JW	M			
6. Bank use meets limits (no more than 75 percent from the bank at least 10 percent new, and the rest modified); enter the actual RO / SRO-only question distribution(s) at right	Bank	Modified	New	EK	JW	A
	59/32	5 / 1 φ	36/68			
7. Between 50 and 60 percent of the questions on the RO exam (including 10 new questions) 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	CIA		EK	JW	A
	40 / 28	60 / 72				
8. References/handouts provided do not give away answers	EK	JW	A			
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	EK	JW	M			
10. Question psychometric quality and format meet ES, Appendix B, guidelines	EK	JW	M			
11. The exam contains <del>400</del> ; the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet	EK	JW	A			
a. Author		Printed Name / Signature		Date		
b. Facility Reviewer (*)		JERRY KUSKE / JERRY KUSKE		1/19/04		
c. NRC Chief Examiner (#)		DAVID E WEAVER / DAVID E WEAVER		1/19/04		
d. NRC Regional Supervisor		M.E. MARSHALL / M.E. MARSHALL		3/2/04		
		A.J. GIDDY / A.J. GIDDY		3/8/04		
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>Fort Calhoun</u>		Date of Examination: <u>3/2004</u>		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).	JK	JW	A	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	JK	JW	A	
c.	The operating test shall not duplicate items from the applicants' audit test(s)(see Section D.1.a).	JK	JW	A	
d.	Overlap with the written examination and between different parts of the operating test categories is within acceptable limits.	JK	JW	A	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	JK	JW	A	
2. WALK-THROUGH (CATEGORY A & B) CRITERIA		-	-	-	
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> <li>· initial conditions</li> <li>· initiating cues</li> <li>· references and tools, including associated procedures</li> <li>· reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee</li> <li>· specific performance criteria that include: <ul style="list-style-type: none"> <li>- detailed expected actions with exact criteria and nomenclature</li> <li>- system response and other examiner cues</li> <li>- statements describing important observations to be made by the applicant</li> <li>- criteria for successful completion of the task</li> <li>- identification of critical steps and their associated performance standards</li> <li>- restrictions on the sequence of steps, if applicable</li> </ul> </li> </ul>	JK	JW	A	
b.	<del>The prescribed questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301.</del>	-	-	-	
e-b.	Repetition from operating tests used during the previous licensing examination is within acceptable limits (30% for the walk-through) and do not compromise test integrity.	JK	JW	A	
d-c.	At least 20 percent of the JPMs on each test are new or significantly modified.	JK	JW	A	
3. SIMULATOR (CATEGORY C) CRITERIA		-	-	-	
a.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.	JK	JW	A	
a. Author	<u>Jerry Koske / Jerry E. Koske</u>	<u>1/19/04</u>			
b. Facility Reviewer(*)	<u>DAVID E WEAVER / JW</u>	<u>1/19/04</u>			
c. NRC Chief Examiner (#)	<u>[Signature]</u>	<u>2/11/04</u>			
d. NRC Supervisor	<u>A.T. Gody / A.T. Gody</u>	<u>3/8/04</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: <i>Fort Calhoun</i> Date of Exam: <i>3/2004</i> Scenario Numbers: <i>1/2/3</i> 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.					<i>EK</i>	<i>JW</i>	<i>A</i>
2.	The scenarios consist mostly of related events.					<i>EK</i>	<i>JW</i>	<i>A</i>
3.	Each event description consists of · 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)					<i>EK</i>	<i>JW</i>	<i>A</i>
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.					<i>EK</i>	<i>JW</i>	<i>A</i>
5.	The events are valid with regard to physics and thermodynamics.					<i>EK</i>	<i>JW</i>	<i>A</i>
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.					<i>EK</i>	<i>JW</i>	<i>A</i>
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.					<i>EK</i>	<i>JW</i>	<i>A</i>
8.	The simulator modeling is not altered.					<i>EK</i>	<i>JW</i>	<i>A</i>
9.	The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.					<i>EK</i>	<i>JW</i>	<i>A</i>
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.45 of ES-301.					<i>EK</i>	<i>JW</i>	<i>A</i>
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).					<i>EK</i>	<i>JW</i>	<i>A</i>
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).					<i>EK</i>	<i>JW</i>	<i>A</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.					<i>EK</i>	<i>JW</i>	<i>A</i>
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.B5.d)						Actual Attributes		
						1	2	3
1.	Total malfunctions (5-8)					<i>9</i>	<i>8</i>	<i>9</i>
2.	Malfunctions after EOP entry (1-2)					<i>2</i>	<i>2</i>	<i>2</i>
3.	Abnormal events (2-4)					<i>3</i>	<i>2</i>	<i>3</i>
4.	Major transients (1-2)					<i>1</i>	<i>2</i>	<i>1</i>
5.	EOPs entered/requiring substantive actions (1-2)					<i>2</i>	<i>3</i>	<i>2</i>
6.	EOP contingencies requiring substantive actions (0-2)					<i>1</i>	<i>2</i>	<i>2</i>
7.	Critical tasks (2-3)					<i>3</i>	<i>5</i>	<i>4</i>
						<i>N/A</i>	<i>N/A</i>	<i>N/A</i>

RO1, RO3, RO5, RO7

OPERATING TEST NO.:

Applicant Type	Evolution Type	Minimum Number	Scenario Number									
			1		2		3		4			
			RO	BOP	RO	BOP	RO	BOP	RO	BOP		
RO	Reactivity	1*	1									
	Normal	1*										
	Instrument / Component	4*	5		3							
	Major	1	1		2							
As RO	Reactivity	1*										
	Normal	0										
	Instrument / Component	2*										
	Major	1										
SRO-I	Reactivity	0										
	Normal	1*										
	Instrument / Component	2*										
	Major	1										
SRO-U	Reactivity	0										
	Normal	1*										
	Instrument / Component	2*										
	Major	1										

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.45.d) but must be significant per Section C.2.a of Appendix D. \* Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.
  - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirement.

Author:

John Koehn

NRC Reviewer:

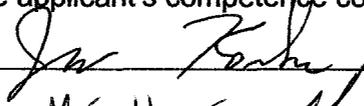
M.S. Hines

RO2, RO4, RO6, RO8

OPERATING TEST NO.:

Applicant Type	Evolution Type	Minimum Number	Scenario Number							
			1 ✓		✓ 2		3		4	
			RO	BOP	RO	BOP	RO	BOP	RO	BOP
RO	Reactivity	1*								
	Normal	1*		1						
	Instrument / Component	4*		3	3					
	Major	1		1	2					
As RO	Reactivity	1*								
	Normal	0								
	Instrument / Component	2*								
	Major	1								
SRO-I	Reactivity	0								
	Normal	1*								
	Instrument / Component	2*								
	Major	1								
As SRO	Reactivity	0								
	Normal	1*								
	Instrument / Component	2*								
	Major	1								
SRO-U	Reactivity	0								
	Normal	1*								
	Instrument / Component	2*								
	Major	1								

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.45.d) but must be significant per Section C.2.a of Appendix D. \* Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.
  - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirement.

Author: 

NRC Reviewer: M.S. HARRIS 

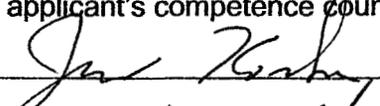
ISPO 1

OPERATING TEST NO.:

Applicant Type	Evolution Type	Minimum Number	Scenario Number							
			1		2		3		4	
			RO	BOP	RO	BOP	RO	BOP	RO	BOP
RO	Reactivity	1*								
	Normal	1*								
	Instrument / Component	4*								
	Major	1								
As RO	Reactivity	1*					1			
	Normal	0								
	Instrument / Component	2*					5			
	Major	1					1			
SRO-I	Reactivity	0	1							
	Normal	1*	1							
	Instrument / Component	2*	8		6					
	Major	1	1		2					
SRO-U	Reactivity	0								
	Normal	1*								
	Instrument / Component	2*								
	Major	1								

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.45.d) but must be significant per Section C.2.a of Appendix D. \* Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.
  - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirement.

Author:



NRC Reviewer:



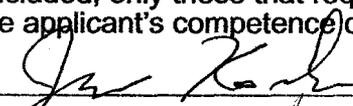
ISRO 2

OPERATING TEST NO.:

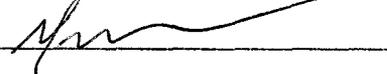
Applicant Type	Evolution Type	Minimum Number	✓ Scenario Number ✓								
			1		2		3		4		
			RO	BOP	RO	BOP	RO	BOP	RO	BOP	
RO	Reactivity	1*									
	Normal	1*									
	Instrument / Component	4*									
	Major	1									
As RO	Reactivity	1*									
	Normal	0					1				
	Instrument / Component	2*					3				
	Major	1					1				
SRO-I	Reactivity	0	1								
	Normal	1*	1								
	Instrument / Component	2*	8		6						
	Major	1	1		2						
SRO-U	Reactivity	0									
	Normal	1*									
	Instrument / Component	2*									
	Major	1									

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.45.d) but must be significant per Section C.2.a of Appendix D. \* Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.
  - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirement.

Author:

  
 \_\_\_\_\_  
 M.S. HAIRE

NRC Reviewer:

  
 \_\_\_\_\_

USRO1, USRO2

OPERATING TEST NO.:

Applicant Type	Evolution Type	Minimum Number	Scenario Number							
			✓1		✓2		3		4	
			RO	BOP	RO	BOP	RO	BOP	RO	BOP
RO	Reactivity	1*								
	Normal	1*								
	Instrument / Component	4*								
	Major	1								
As RO	Reactivity	1*								
	Normal	0								
	Instrument / Component	2*								
	Major	1								
SRO-I	Reactivity	0								
	Normal	1*								
	Instrument / Component	2*								
	Major	1								
As SRO	Reactivity	0								
	Normal	1*								
	Instrument / Component	2*								
	Major	1								
SRO-U	Reactivity	0	1							
	Normal	1*	1							
	Instrument / Component	2*	8		6					
	Major	1	1		2					

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
  - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.45.d) but must be significant per Section C.2.a of Appendix D. \* Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.
  - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirement.

Author:

NRC Reviewer:

*John K...*  
*M. S. HAWRE*

Competencies	SRO-Applicant #1 RO/SRO-I/SRO-U				RO-Applicant #2 RO/SRO-I/SRO-U				BOP-Applicant #3 RO/SRO-I/SRO-U			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
<del>Understand and Interpret Annunciators and Alarms</del>												
Interpret / Diagnose Events and Conditions	1,2 3,6	4,6 7	1,3 6	1,3	2,4	2,4	1,3 6,10	1,3	1,10	1,3 6	2,6 9	2,5
<del>Understand Plant and System Response</del>												
Comply With and Use Procedures (1)	5,8 9	3,6 7	6,8	5,6	5,8 9	4 6	6, 8	1,4 6	5,8 9	3,6 7	6,8	1,5 6
Operate Control Boards (2)					5,7	2,5	1,4		5,9	1,6 7	2,7	2,6
Communicate and Interact With the Crew	1,2 3,6	3,6 7	1,2,4	5,6	2,4	2,6 7	1,4		1,5 9	1,6 7	2,7	2,6
Demonstrate Supervisory Ability (3)	5,8 9	4,6 7	2,3 6	5,6								
Comply With and Use Tech. Specs. (3)	2,4 7	2,4	2	1,3								
Notes:												
(1) Includes Technical Specification compliance for an RO.												
(2) Optional for an SRO-U.												
(3) Only applicable to SROs.												

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

Jan Kish

NRC Reviewer:

M.S. HARE

Facility: <u>Fort Calhoun</u>		Date of Exam: <u>3/12/04</u>		Exam Level: RC <u>SRO</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	JH	JEW	JEB		
2. Answer key changes and question deletions justified and documented <u>N/A</u>	JH	JEW	N/A		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	JH	JEW	JEB		
4. Grading for all borderline cases (80 +/- 2% overall and 70 +/- 4% on the SRO-only) reviewed in detail <u>N/A</u>	JH	JEW	N/A		
5. All other failing examinations checked to ensure that grades are justified <u>N/A</u>	JH	JEW	N/A		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	JH	JEW	JEB		
	Printed Name / Signature		Date		
a. Grader	<u>Jerry Koske / Jay E Koske</u>		<u>3/17/04</u>		
b. Facility Reviewer(*)	<u>David E Weaver / DWeaver</u>		<u>3/18/04</u>		
c. NRC Chief Examiner (*)	<u>M.E. MURPHY / M.E. Murphy</u>		<u>3/25/04</u>		
d. NRC Supervisor (*)	<u>A.T. Goady / A.T. Goady</u>		<u>3/29/04</u>		
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

Facility: <u>Foot Calhoun</u>		Date of Exam: <u>3/12/04</u>		Exam Level: <u>RO</u> <u>SRO</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	Jk	Jw	Jm		
2. Answer key changes and question deletions justified and documented <u>N/A</u>	Jk	Jw	N/A		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	Jk	Jw	Jm		
4. Grading for all borderline cases (80 +/- 2% overall and 70 +/- 4% on the SRO-only) reviewed in detail <u>N/A</u>	Jk	Jw	N/A		
5. All other failing examinations checked to ensure that grades are justified <u>N/A</u>	Jk	Jw	N/A		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	Jk	Jw	Jm		
Printed Name / Signature		Date			
a. Grader	<u>Jerry Hoste / Jerry Hoste</u>	<u>3/17/04</u>			
b. Facility Reviewer(*)	<u>DAVIDE WEAVER / D Weaver</u>	<u>3/18/04</u>			
c. NRC Chief Examiner (*)	<u>M.E. MURPHY / M.E. Murphy</u>	<u>3/25/04</u>			
d. NRC Supervisor (*)	<u>A.T. GODY / A.T. Gody</u>	<u>3/24/04</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

13:58:25

# Operator Licensing Exam Schedule

From 10/01/2003 To 09/30/2004

Region: 4 Phase Code: 5 Operational

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
02/09/2004	Fort Calhoun / 05000285 / 2004301 TAC #: X02259		Prep	FFF	MURPHY, MICHAEL E.	MURPHY, MICHAEL E. WERNER, G E.
03/15/2004	Fort Calhoun / 05000285 / 2004301 TAC #: X02259	RO - 6 SROU - 2	Admin	FFF	MURPHY, MICHAEL E.	DRAKE, JAMES F. MURPHY, MICHAEL E. STETKA, THOMAS F. WERNER, G E.
03/22/2004	Fort Calhoun / 05000285 / 2004301 TAC #: X02259		Doc	FFF	MURPHY, MICHAEL E.	DRAKE, JAMES F. MURPHY, MICHAEL E. STETKA, THOMAS F. WERNER, G E.

# Operator Licensing Exam Schedule

From 10/01/2003 To 09/30/2004

Region: 4 Phase Code: 5 Operational

**Summary By Date**

02/2004	FCS - Fort Calhoun	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Fort Calhoun: 0
02/2004		RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 02/2004: 0
03/2004	FCS - Fort Calhoun	RO - 6	SROI - 2	SROU - 2	LSRO - 0	Total for Fort Calhoun: 10

Operator Licensing Exam Schedule  
From 10/01/2003 To 09/30/2004

Page 3 of 4  
04/06/2004 13:58:25  
Report 21

Region: 4 Phase Code: 5 Operational

Summary By Site

FCS - Fort Calhoun	RO - 6	SROI - 2	SROU - 2	LSRO - 0	Total for Fort Calhoun: 10
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# Operator Licensing Exam Schedule

From 10/01/2003 To 09/30/2004

Region: 4      Phase Code: 5 Operational

**Summary By Region**

Region 4	SROI - 2	SROU - 2	LSRO - 0	Total for Region 4: 10
RO - 6				

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 3/15/04 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. 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 3/15/04. 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. Jerry Koshe	Consultant/Exam Developer	Jerry Koshe	10/1/03			
2. David Weaver	Supervisor - Ops ; Tech Training	David Weaver	11/1/03			
3. Dave Darcow	Ops Training Inst.	Dave Darcow	12-18-03			
4. MARK GUTIERREZ	SIM COMPUTER SPECIALIST	Mark Gutierrez	1/9/04			
5. MIKE KRZEMSKY	ENGINEER	Mike Krzemsky	1-9-04			
6. Robert Kuenig	SIM COMPUTER SPECIALIST	Robert Kuenig	1-9-04			
7. Byron Walker	IT Tech TRNG	Byron Walker	1-9-04			
8. Bob Johnston	Sim Software	Bob Johnston	1-9-04			
9. JIM KECK	SUPR SIM SWARER	Jim Keck	1-9-04			
10. Math Yttri	ERFCS Software	Math Yttri	1-9-04			
11. Tony Danning	ERFCS Software	Tony Danning	1-9-04			
12. LESLIE AKAAS	SUPRVISOR - SIMULATOR OPS	Leslie Akaas	1/10/04			
13. MICHAEL FERIN	SHIFT MANAGER	Michael Ferin	1-13-04			
14. Tony Steut	P.O.	Tony Steut	1-13-04			
15. DAVE SWEENEY	CRS	Dave Sweeney	1-13-04			

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 3/15/04 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. 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 3/15/04. 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. Jerry Koske	Consultant/Exam Developer	Jerry E Koske	10/1/03	Jerry E Koske	3/22/04	
2. David Weaver	Supervisor - Ops & Tech Training	[Signature]	11/1/03	DEW per e-mail	3/22/04	(*)
3. Dave Darrow	Ops Training Inst.	[Signature]	12-18-03	[Signature]	3/22/04	
4. MARK GUTIERREZ	SIM COMPUTER SPECIALIST	Mark G. Gutierrez	1/9/04	Mark G. Gutierrez	3/22/04	
5. MIKE KRENSKY	ENGINEER	Mike Krensky	1-9-04	MA per e-mail	3/22/04	(*)
6. Richard Kuenig	SIM COMPUTER SPECIALIST	[Signature]	1/9/04	[Signature]	3/22/04	
7. [Signature]	[Signature]	[Signature]	1/9/04	[Signature]	3/22/04	
8. Bob Johnston	SIM Software	[Signature]	1/9/04	[Signature]	3/22/04	(*)
9. JIM KEEY	SUPR SIM SERVICES	[Signature]	1/9/04	[Signature]	3/22/04	
10. Math Yttri	ERFCS Software	[Signature]	1-9-04	[Signature]	3/22/04	(*)
11. Tony Denny	ERFCS Software	[Signature]	1-9-04	[Signature]	3/22/04	(*)
12. LELIE LANS	SUPERVISOR-SIMULATOR TRN	[Signature]	1/10/04	[Signature]	3/22/04	
13. MICHAEL FERIT	SHIFT MANAGER	[Signature]	1-13-04	[Signature]	3/22/04	(*)
14. Tony Steig	LO	[Signature]	1-13-04	[Signature]	3/22/04	(*)
15. DAVE SHERMAN	CRS	[Signature]	1-13-04	[Signature]	3/22/04	(*)

NOTES: (\*) e-mail response attached.



## KOSKE, JERRY E

---

**From:** WEAVER, DAVID E  
**Sent:** Monday, March 29, 2004 6:41 PM  
**To:** KOSKE, JERRY E  
**Subject:** RE: NRC Exam Security Agreement

Jerry:

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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.

Thanks,

*David W.*

David E. Weaver  
Supervisor - Operations and Technical Training  
Omaha Public Power District  
P.O. Box 550, FC-3-1  
Fort Calhoun, NE 68023-0550

402-533-6056 (w)  
402-533-6115 (fax)  
402-561-3799 (pager)

-----Original Message-----

**From:** KOSKE, JERRY E  
**Sent:** Monday, March 29, 2004 9:56 AM  
**To:** WEAVER, DAVID E; FERM, MICHAEL D; SWEENEY, DAVID J  
**Subject:** NRC Exam Security Agreement

Mike, Dave and Dave (not to be confused with Larry, Daryl and Daryl!)

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073

**KOSKE, JERRY E**

---

**From:** Michael Krenisky [krenisky@cae.com]  
**Sent:** Monday, March 22, 2004 1:01 PM  
**To:** KOSKE, JERRY E  
**Subject:** RE: NRC Exam security agreement

Hi Jerry,

I have not to the best of my knowledge spoken to anyone regarding the NRC licensing examination per this e-mail.

Mike

-----Original Message-----

**From:** KOSKE, JERRY E [mailto:jkoske@oppd.com]  
**Sent:** Monday, March 22, 2004 11:48 AM  
**To:** bobj@CAE.COM; FERM, MICHAEL D; STELLA, ANTHONY M; SWEENEY, DAVID J; krenisky@CAE.COM  
**Subject:** NRC Exam security agreement

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073

3/22/2004

**KOSKE, JERRY E**

---

**From:** Bob Johnston [bobj@cae.com]  
**Sent:** Monday, March 22, 2004 12:21 PM  
**To:** KOSKE, JERRY E  
**Subject:** RE: NRC Exam security agreement

Jerry,

As I am in Montreal and unable to physically sign the agreement, I state that:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Please sign for me per this email.

Thank-You

Robert R. Johnston

-----Original Message-----

**From:** KOSKE, JERRY E [mailto:jkoske@oppd.com]  
**Sent:** Monday, March 22, 2004 11:48 AM  
**To:** bobj@CAE.COM; FERM, MICHAEL D; STELLA, ANTHONY M; SWEENEY, DAVID J; krenisky@CAE.COM  
**Subject:** NRC Exam security agreement

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073

3/22/2004

**KOSKE, JERRY E**

---

**From:** DAMME, TONY J  
**Sent:** Tuesday, March 23, 2004 11:54 AM  
**To:** KOSKE, JERRY E  
**Subject:** RE:

Jerry,

I will be back to work on April 2nd.

If you need that signed before then, I do affirm the statements in this email.

Thanks  
Tony

-----Original Message-----

**From:** KOSKE, JERRY E  
**Sent:** Mon 3/22/2004 11:07 AM  
**To:** DAMME, TONY J  
**Cc:**  
**Subject:**

Hi Tony

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073

3/29/2004

## KOSKE, JERRY E

---

**From:** FERM, MICHAEL D  
**Sent:** Wednesday, March 31, 2004 8:57 AM  
**To:** KOSKE, JERRY E  
**Subject:** RE: NRC Exam Security Agreement

You may sign for me Jerry.

Mike

P.s. Tony Stella validated the exam as well. Did he somehow sign the form that we missed?

-----Original Message-----

**From:** KOSKE, JERRY E  
**Sent:** Monday, March 29, 2004 9:56 AM  
**To:** WEAVER, DAVID E; FERM, MICHAEL D; SWEENEY, DAVID J  
**Subject:** NRC Exam Security Agreement

Mike, Dave and Dave (not to be confused with Larry, Daryl and Daryl!)

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073

## KOSKE, JERRY E

---

**From:** STELLA, ANTHONY M  
**Sent:** Wednesday, March 24, 2004 8:18 PM  
**To:** KOSKE, JERRY E  
**Subject:** RE: NRC Exam security agreement

Jerry  
I agree with the security statement and you can sign for me.  
Thanks  
Tony

-----Original Message-----

**From:** KOSKE, JERRY E  
**Sent:** Monday, March 22, 2004 10:48 AM  
**To:** 'bobj@cae.com'; FERM, MICHAEL D; STELLA, ANTHONY M; SWEENEY, DAVID J; 'krenisky@cae.com'  
**Subject:** NRC Exam security agreement

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073

## KOSKE, JERRY E

---

**From:** SWEENEY, DAVID J  
**Sent:** Wednesday, March 31, 2004 7:42 AM  
**To:** KOSKE, JERRY E  
**Subject:** RE: NRC Exam Security Agreement

I agree with the statement..... Please sign for me.

Thanks,  
Dave

-----Original Message-----

**From:** KOSKE, JERRY E  
**Sent:** Monday, March 29, 2004 9:56 AM  
**To:** WEAVER, DAVID E; FERM, MICHAEL D; SWEENEY, DAVID J  
**Subject:** NRC Exam Security Agreement

Mike, Dave and Dave (not to be confused with Larry, Daryl and Daryl!)

I need you to sign the second part of the NRC exam security agreement.

I can sign for you (per e-mail), if you reply to this e-mail with a statement that you affirm the following:

"To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered from 3/12/2004 - 3/18/2004 at Fort Calhoun Station. 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."

Thanks

Jerry Koske  
X 6073