

DATE: 10/6/04

Note to: Mike Murphy
Chief Examiner, Operations Branch

From: Anthony Gody
Chief, Operations Branch
Division of Reactor Safety

SUBJECT: EXAMINATION ASSIGNMENT

You have been assigned as Chief of the CPSES examination. The operating test has been scheduled to be completed by 3/25/05. Thank you for contacting the CPSES facility to finalize the details of the examination. You are reminded that the RPS/IP system must be maintained to ensure the examiners and numbers of candidates are accurate.



Anthony T. Gody
Chief, Operations Branch
Division of Reactor Safety

EXAM ASSIGNMENT TICKLER

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

CHIEF:	Mike Murphy (Kelly Clayton)	FACILITY:	CPSES	DATE of OPERATING EXAM:	3/25/05
Due Date	Description	Date Complete	Initials	Notes	
9/26/04	Activity Schedule Agreement (C.1.a; C.2.a & b)	10/12/04	KDC		
9/26/04	NRC Staff & Fac. Contact Assigned (C.1.c; C.2.e)	10/12/04	KDC		
9/26/04	Facility Contact Briefed on Security & Other Req's (C.2.c)	10/12/04	KDC		
9/26/04	Corporate Notification Letter (ES-201 Att-3) Sent (C.2.d)	10/12/04	KDC		
11/25/04	Exam Ref. Material Due (if NRC authored) (C.1.d; C.3.c)	11/25/04	KDC		
11/25/04	Integrated Exam Outlines Due (C.1.d & e; C.3.d)	11/28/04	KDC		
12/9/04	Outlines Review & Feedback from NRC (C.2.h; C.3.e)	12/7/04	KDC		
12/25/04	Expectations, Issues, & Standards Discussed w/ BC	12/20/04	KDC		
1/24/05	Draft Exams w/ Doc./Ref. Due (C.1.d/eff; C.3.d)	1/24/05	KDC		
2/3/05	Peer Reviewer Documents Review of Exam	2/23/05	KDC	Haire written Murphy of test	
2/3/05	NRC BC Approves Feedback to Facility (C.2.h; C.3.f)	2/25/05	KDC	Goody AT	
2/3/05	Exams Reviewed w/ Fac. (C.1.h; C.2.f&h; C.3.g)	2/3/05	KDC		
2/23/05	Preliminary Applications Reviewed (C.1.j; C.2.g; ES202)	3/11/05	KDC		
3/11/05	Final Applications Reviewed (C.1.j; C.2.h; ES202)	3/11/05	KDC		
3/11/05	On-Site Preparatory Week to Validate Operating Exam	2/28/05	KDC		
3/11/05	On-Site Audit (10%) of License App's (ES-202 C.2.e)	2/28/05	KDC		
3/18/05	Final Appl. OK'ed & Waivers Sent to Applicants (C.2.g)	3/18/05	KDC		
3/18/05	NRC Supervisor Approved Final Exams (C.2.i; C.3.h)	3/18/05	KDC	Goody AT	
3/18/05	Exam Approval Letter (ES-201 Att-4) and List of Applicants (ES-201-4) Prepared (C.2.i)	3/18/05	KDC		
3/18/05	Proctor Rules Review w/Fac. & Written Authorized (C.3.k)	3/22/05	KDC		
3/18/05	Exam Material to Exam Team (C.3.i)	3/18/05	KDC		
3/25/05	Administer Operating Exam On-Site	3/28/05	KDC		
4/6/05	Facility Graded Exam & Comments Received	4/6/05	KDC		
4/9/05	NRC Written Exam Grading Completed	4/9/05	KDC		
4/9/05	Examiners Document Exam Grades on ES Forms	4/9/05	KDC		
4/19/05	NRC Chief Examiner Grading Review Completed	4/19/05	KDC		
4/20/05	NRC BC Review Completed	4/20/05	KDC	Goody AT	
4/25/05	RPS/IP # Examinees Updated Before Report Issued	5/2/05	KDC		
4/25/05	License/Denials Signed & Report Issued	5/9/05	KDC		
5/16/05	Package Closed Out	5/16/05	KDC		
6/23/05	Chief QA of ADAMS	6/27/05	KDC		

Facility: CPSES		Date of Examination: 03/2005		
Item	Task Description	Initials		
		a	b	c
1. WRITTEN	a. Verify that the outline(s) fit(s) the appropriate model per ES-401.	KDC	N/A	Relief
	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.	KDC	N/A	Relief
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	KDC	N/A	Relief
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	KDC	N/A	Relief
2. SIM	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, and technical specifications, and major transients.	THA	EA	Relief
	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 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.	THA	EA	Relief
	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.	THA	EA	Relief
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.	THA	EA	Relief
	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.	THA	EA	Relief
	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.	THA	EA	Relief
4. GENERAL	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	KDC	N/A	Relief
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	KDC	N/A	Relief
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	KDC	N/A	Relief
	d. Check for duplication and overlap among exam sections.	KDC	N/A	Relief
	e. Check the entire exam for balance of coverage.	KDC	N/A	Relief
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	KDC	N/A	Relief
a. Author	Printed Name / Signature Kelly Clayton Noam R. Guyer		3/17/2005 1/7/2005	
b. Facility Reviewer(*)	ELDON S. (Toby) THOMAS		1/7/2005	
c. NRC Chief Examiner (#)	M.E. Murphy		3/17/05	
d. NRC Supervisor	A.T. Gonyea		3/22/05	
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.				

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of Mar 25/05 ^{3/28/05 operational} ^{with 24 3/27/05} 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 3/28/05. 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. ELDON S. THOMAS	OPS TRAINING Coordinator	<i>E. Thomas</i>	9/27/04	<i>E. Thomas</i>	4-5-05	
2. TOLAN R. GUYER	OPS TRNG Contractor	<i>T. Guyer</i>	12/3/04	<i>T. Guyer</i>	3/27/05	
3. CURTIS M. DILLARD	OPS TRNG Instructor/ILC Coordinator	<i>C. Dillard</i>	1/3/05	<i>C. Dillard</i>	3/29/05	
4. ED LASSMANN	OPS 1SHIFT OPS / UNIT SUP.	<i>Ed Lassmann</i>	1/4/05	<i>Ed Lassmann</i>	4/1/05	
5. JULIE WHEELER	Secretary / Ops Training	<i>J. Wheeler</i>	1/7/05	<i>J. Wheeler</i>	3/30/05	
6. STAFFEN KELLEY	E/OPPING INSTALLER	<i>Staffen Kelley</i>	2/6/05	<i>Staffen Kelley</i>	4/4/05	1
7. TIM SULLIVAN	Manual Support (X BIDS)	<i>Tim Sullivan</i>	2-5-05	<i>Tim Sullivan</i>	4-6-05	
8. GAVIN DAWNING	RP Training	<i>Gavin Dawning</i>	2-7-05	<i>Gavin Dawning</i>	3/31/05	
9. DOUGLAS E. BEISINGER	Unit Supervisor, NSSS WWM	<i>D. Beisinger</i>	2/23/05	<i>D. Beisinger</i>	4/1/05	
10. THEODORE C. WERK	OPS TRAINING INSTRUCTOR	<i>T. Werk</i>	2/25/05	<i>T. Werk</i>	3/30/05	
11. DUDLEY M. BOLEMAN	EMERGENCY PLANNING MANAGER	<i>D. Boleman</i>	2-25-05	<i>D. Boleman</i>	3-31-05	
12. GARY STRUBLE	OPS LOG TRNG SUPPLY	<i>G. Struble</i>	4/28/05	<i>G. Struble</i>	3/30/05	
13. TODD STEWART	REACTOR OPERATION	<i>T. Stewart</i>	02/28/05	<i>T. Stewart</i>	04/05/05	
14. LEON NEER	Senior Reactor Operator	<i>L. Neer</i>	2-28-05	<i>L. Neer</i>	4-5-05	
15. JOHN ALEXANDER	Reactor Operator	<i>J. Alexander</i>	3/1/05	<i>J. Alexander</i>	4/1/05	

NOTES: 1- Signed by Curtis Dillard per Tele con on 4/4/05

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 3/24/05 3/28/05 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

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	DAVID T. ROSS	Unit Supervisor	<i>[Signature]</i>	3/1/05	<i>[Signature]</i>	4/1/05	
2.	David Whitsett	Unit Supervisor	<i>[Signature]</i>	3/1/05	<i>[Signature]</i>	4/1/05	
3.	Gregory J. Muchow	Unit Supervisor	<i>[Signature]</i>	3-1-05	<i>[Signature]</i>	4-1-05	
4.	David Willsher	Reactor Operator	<i>[Signature]</i>	3/1/05	<i>[Signature]</i>	4/1/05	
5.	Bob Sheets	P.O.	<i>[Signature]</i>	03/02/05	<i>[Signature]</i>	4/1/05	
6.	DAVID GOODMAN	SIMULATOR	<i>[Signature]</i>	03/02/05	<i>[Signature]</i>	3/30/05	
7.	DAMON SCHROEDER	REACTOR OPERATOR	<i>[Signature]</i>	3/3/05	<i>[Signature]</i>	4/1/05	
8.	NEAL PLATT	Instructor	<i>[Signature]</i>	3/3/05	<i>[Signature]</i>	3/30/05	
9.	CLIFF DAW	EXAM Coord. note	<i>[Signature]</i>	3/3/05	<i>[Signature]</i>	3/30/05	
10.	STEVEN SEWELL	TRAINING MANAGER	<i>[Signature]</i>	3-4-05	<i>[Signature]</i>	3/30/05	
11.	MARK MESWARB	SIMULATOR	<i>[Signature]</i>	3/18/05	<i>[Signature]</i>	3/30/05	
12.	Randall Blankenship	Instructor	<i>[Signature]</i>	3/23/05	<i>[Signature]</i>	3/30/05	
13.	DAVID CARAWAY	INSTRUCTOR	<i>[Signature]</i>	3/24/05	<i>[Signature]</i>	3/30/05	
14.	Leslie G. Melby	SRD	<i>[Signature]</i>	3/24/05	<i>[Signature]</i>	3/30/05	
15.	William Groves	BOOTH OPERATOR	<i>[Signature]</i>	3/24/05	<i>[Signature]</i>	3/29/05	

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 3/24/05 3/28/05 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

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. <u>Gary Ellis</u>	<u>Operations Training Supervisor / LOI</u>	<u>G.W. Ellis</u>	<u>3/28/05</u>	<u>G.W. Ellis</u>	<u>3/31/05</u>	
2. <u>CARLOS NAVAS</u>	<u>SIMULATION ENGINEER / SIMULATION</u>	<u>Carlos Navas</u>	<u>3/28/05</u>	<u>Carlos Navas</u>	<u>3/28/05</u>	
3.						
4.						
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12.						
13.						
14.						
15.						

NOTES:

Facility: CPSES		Date of Examination: 03/2005 (Amended 3/17/2005)		Operating Test Number: 1		
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).				TKL	EC	KDC
b. There is no day-to-day repetition between this and other operating tests to be administered during this examination.				TKL	EC	KDC
c. The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).				TKL	EC	KDC
d. Overlap with the written examination and between different parts of the operating test is within acceptable limits.				TKL	EC	KDC
e. It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.				TKL	EC	KDC
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 procedure - reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time-critical by the facility licensee - operational important specific performance criteria and nomenclature <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 				TKL	EC	KDC
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 these forms and Form ES-201-2.				TKL	EC	KDC
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.				TKL	EC	KDC
		Printed Name / Signature		Date		
a. Author	Nolan R. Gwyn		3/17/2005			
b. Facility Reviewer(s)	Edwards Thomas		3/21/05			
c. NRC Chief Examiner (#)	M.F. Murphy		3/21/05			
d. NRC Supervisor	A.T. Gony		3/22/05			
NOTE: * The facility signature is not applicable for NRC-developed tests.						
† Independent NRC reviewer initial items in Column 'c'; chief examiner concurrence required.						

Facility: CPSES		Date of Exam: 03/2005		Scenario Numbers: 1/2/3/4		Operating Test No.: 1	
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>[Signature]</i>	01	<i>[Signature]</i>			
2.	The scenarios consist mostly of related events.	<i>[Signature]</i>	01	<i>[Signature]</i>			
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) 	<i>[Signature]</i>	01	<i>[Signature]</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>[Signature]</i>	01	<i>[Signature]</i>			
5.	The events are valid with regard to physics and thermodynamics.	<i>[Signature]</i>	01	<i>[Signature]</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>[Signature]</i>	01	<i>[Signature]</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.	NA	NA	NA			
8.	The simulator modeling is not altered.	<i>[Signature]</i>	01	<i>[Signature]</i>			
9.	The scenarios have been validated. Pursuant to 10CFR55.46(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 plant scenarios.	KDC	KDC	<i>[Signature]</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.5 of ES-301.	<i>[Signature]</i>	01	<i>[Signature]</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>[Signature]</i>	01	<i>[Signature]</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>[Signature]</i>	01	<i>[Signature]</i>			
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>[Signature]</i>	01	<i>[Signature]</i>			

Target Quantitative Attributes (Per Scenario; See Section D.5.d)	Actual Attributes	--	--	--
1. Total malfunctions (5-8)	7/6/7/6	<i>[Signature]</i>	01	<i>[Signature]</i>
2. Malfunctions after EOP entry (1-2)	2/2/3/2	<i>[Signature]</i>	01	<i>[Signature]</i>
3. Abnormal events (2-4)	3/4/4/3	<i>[Signature]</i>	01	<i>[Signature]</i>
4. Major transients (1-2)	2/1/1/2	<i>[Signature]</i>	01	<i>[Signature]</i>
5. EOPs entered/requiring substantive actions (1-2)	1/1/2/2	<i>[Signature]</i>	01	<i>[Signature]</i>
6. EOP contingencies requiring substantive actions (0-2)	1/1/0/0	<i>[Signature]</i>	01	<i>[Signature]</i>
7. Critical tasks (2-3)	3/3/3/2	<i>[Signature]</i>	01	<i>[Signature]</i>

R1, SROI-2, SROI-2 (Amended)

Facility: CPSES			Date of Exam: 03/2005										Operating Test No.: 1		
A P P L I C A N T	E V E N T T Y P E	Scenarios													
		1			2			3			4			T O T A L	M I N I M U M
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION				
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P		
R1	RX		5							0				2	1*
	NOR		0							2				1	1*
	I/C		127							78				5	4*
	MAJ		36							6				3	2
	TS		NA							NA				NA	2
SRO-I1	RX	0				1								1	1*
	NOR	5				0								1	1*
	I/C	124 78				345 78								10	4*
	MAJ	36				6								3	2
	TS	234				NA								3	2
SRO-I2	RX					0				2				1	1*
	NOR					1				0				1	1*
	I/C					234 578				134 5				10	4*
	MAJ					6				6				2	2
	TS					234				NA				3	2
	RX														1*
	NOR														1*
	I/C														4*
	MAJ														2
	TS														2

Instructions:

- Circle the applicant level and enter the operating test number and Form ES-D-1 event number for each event type; TS are not applicable for RO applicants. ROs must serve in both the "at-the-controls (ATC)" and "balance-of-plant" (BOP)* positions; *Instant SROs must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position.*
- Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.5.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 1-for-1 basis.
- 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 requirements.

Author: NRC Reviewer: 

CPSES

Date of Examination: 03/2005 (Amended)

Operating Test No. 1

Competencies	APPLICANT															
	RO-1				SRO-I-1				SRO-I-2				RO/SRO-I/ SRO-U			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	RO		BOP		SRO	RO				SRO	RO					
Interpret / Diagnose Events and Conditions	1236 7		1678		12346 7	3456				2345 6	13456					
Comply With and Use Procedures (1)	1235 67		12678		ALL	1345 6				ALL	12345 6					
Operate Control Boards (2)	1235 67		78		NA	1345 67				NA	2345					
Communicate and Interact	ALL		ALL		ALL	ALL				ALL	ALL					
Demonstrate Supervisory Ability (3)	NA		NA		ALL	NA				ALL	NA					
Comply With and Use Tech. Specs. (3)	NA		NA		234	NA				234	NA					

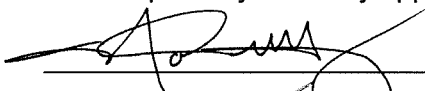
Notes:

- (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:



NRC Reviewer:



Facility: <u>CPSES</u>		Date of Exam: <u>3/24/05</u>		Exam Level: <u>RO/SRO</u>																																				
Item Description				Initial																																				
				a	b*	c#																																		
1.	Questions and answers technically accurate and applicable to facility			KDC	N/A	<i>[Signature]</i>																																		
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			KDC	N/A	<i>[Signature]</i>																																		
3.	SRO questions are appropriate per Section D.2.d of ES-401			KDC	N/A	<i>[Signature]</i>																																		
4.	If more than 4 RO and 2 SRO questions are repeated from the last two NRC licensing exams review the facility licensee's sampling process to ensure it was random and systematic (<i>See ERRATA FOR CLARIFICATION</i>)					<i>[Signature]</i>																																		
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 licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)			KDC	N/A	<i>[Signature]</i>																																		
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 27/5 362/20%	Modified 2/0 3%/0%	New 46/20 61%/80%	KDC	N/A <i>[Signature]</i>																																		
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 40/6 48%/24%	C/A 60/19 60%/76%		KDC	N/A <i>[Signature]</i>																																		
8.	References/handouts provided do not give away answers or aid in the elimination of distractors			KDC	N/A	<i>[Signature]</i>																																		
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			KDC	N/A	<i>[Signature]</i>																																		
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			KDC	N/A	<i>[Signature]</i>																																		
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet			KDC	N/A	<i>[Signature]</i>																																		
<table border="0"> <tr> <td colspan="4">Printed Name / Signature</td> <td colspan="2">Date</td> </tr> <tr> <td>a. Author</td> <td colspan="4"><u>Kelly Clayton / Kelly</u></td> <td colspan="2"><u>2/4/05</u></td> </tr> <tr> <td>b. Facility Reviewer (*)</td> <td colspan="4"><u>N/A</u></td> <td colspan="2"></td> </tr> <tr> <td>c. NRC Chief Examiner (#)</td> <td colspan="4"><u>M.E. MARSHALL / [Signature]</u></td> <td colspan="2"><u>3/17/05</u></td> </tr> <tr> <td>d. NRC Regional Supervisor</td> <td colspan="4"><u>A.T. GORDY / [Signature]</u></td> <td colspan="2"><u>3/24/05</u></td> </tr> </table>							Printed Name / Signature				Date		a. Author	<u>Kelly Clayton / Kelly</u>				<u>2/4/05</u>		b. Facility Reviewer (*)	<u>N/A</u>						c. NRC Chief Examiner (#)	<u>M.E. MARSHALL / [Signature]</u>				<u>3/17/05</u>		d. NRC Regional Supervisor	<u>A.T. GORDY / [Signature]</u>				<u>3/24/05</u>	
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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>COMANCHE PEAK</u>		Date of Exam: <u>3/24/05</u>		Exam Level: <u>RO/SRO</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>vw</u>	<u>kw/koc</u>	<u>mw</u>		
2. Answer key changes and question deletions justified and documented	<u>vw</u>	<u>kw/koc</u>	<u>N/A</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>vw</u>	<u>kw/koc</u>	<u>mw</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>vw</u>	<u>kw/koc</u>	<u>mw</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>vw</u>	<u>kw/koc</u>	<u>mw</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>vw</u>	<u>kw/koc</u>	<u>mw</u>		
Printed Name/Signature		Date			
a. Grader	<u>THEODORE WERK / [Signature]</u>	<u>3/31/2005</u>			
b. Facility Reviewer(*)	<u>Kelly Clayton / [Signature]</u> <u>Gary W. Ellis / [Signature]</u>	<u>4/4/2005</u> <u>3/31/05</u>			
c. NRC Chief Examiner (*)	<u>MICHAEL E. MURPHY / [Signature]</u>	<u>4/4/05</u>			
d. NRC Supervisor (*)	<u>ANTHONY T. GODY / [Signature]</u>	<u>4/7/05</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

U.S. NRC - Reactor Programs System (REPORTS)

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Operator Licensing Exam Schedule

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Operator Licensing Exam Schedule
From 03/28/2005 To 03/28/2005

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
03/28/2005	Comanche Peak / 05000445 / 2005301 TAC #: X02269	RO - 1	SROI - 2	Admin	NNF	MURPHY, MICHAEL E.
03/28/2005	Comanche Peak / 05000446 / 2005301 TAC #: X02270			Admin	NNF	MURPHY, MICHAEL E.

Ready