


April 18, 2006

NOTE TO: Tom McKernon
Chief Examiner, Operations Branch

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

SUBJECT: EXAMINATION ASSIGNMENT

You have been assigned as Chief of the Cooper Nuclear Station examination. The operating test has been scheduled to be completed by October 13, 2006. Thank you for contacting the Cooper Nuclear Station facility to finalize the details of the examination. You are reminded that the RPS/IP system must be maintained to ensure that the examiners and numbers of candidates are accurate. In addition, you are reminded that only qualified examiners are permitted to conduct any part of the examination.



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

ADAMS ACCESSION NO. -
TEMPLATE NO. -

APPENDIX I**Operations Branch Assignment Check Sheet:**
(Includes ES-201-1 & ES-501-1 Rev. 8 information)

as of: 10/02/06

Chief: McKernon

Facility/Task: CNS Exam

Task Start Date: 10/02/2006

	ITEM DESCRIPTION	DUE DATE	INIT	DATE
0	Exam/Inspection Schedule Agreement	Apr 5, 2006	ATG	4/7/2006
1	NRC Staff & Fac. Contact Assigned	Apr 5, 2006	ATG	4/7/2006
2	Facility contact briefed on security & other issues	Apr 5, 2006	ATG	4/7/2006
3	Corp. Notification Letter Sent	Apr 5, 2006	20m	4/5/2006
3a	Inspection Announcement Letter Sent (PIR & LORT if req'd)	Aug 18, 2006	NA	
4	Task Expectations, Issues, & Standards Discussed w/ BC	Jul 4, 2006		
5	[Reference Material Due]	Jun 4, 2006	20m	7/28/06
6	Integrated Exam Outlines Due	19 Jul 06 Jun 4, 2006	20m	8/21/06
7	Outlines reviewed by NRC & Feedback Sent	1 Aug 06 Jun 18, 2006	20m	9/12/06
8	Preliminary Applications Due	Sep 2, 2006	20m	9/6/06
9	Draft Exams w/ Doc./Ref. Due	Aug 2, 2006	20m	8/21/06
10*	Independent Reviewer Initials As Reviewed All Parts	Aug 13, 2006	20m	9/12/06
11*	NRC Supervisor. Initials Approving for Fac. Rev.	Aug 13, 2006	166	9/12/06
12	Exams Reviewed w/ Fac.	Aug 13, 2006	20m	9/15/06
13	Final Appl. Due & Assign. Sheet Prepared	Sep 18, 2006	20m	9/20/06
14*	NRC Supervisor Approved Final Exams	Sep 25, 2006	166	9/26/06
15	Final Appl. Rec'd & Waivers Sent	Sep 25, 2006	20m	9/25/06
16	Proctor Rules Reviewed w/ Fac. & Written Authorized	Sep 25, 2006	20m	9/17/06
17	Exam/Insp Material to Team	Sep 25, 2006	20m	9/25/06
18	Fac. graded exam & Comments Rec'd	Oct 14, 2006	20m	10/11/06
19	NRC Written Grading Completed	Oct 17, 2006	20m	10/11/06
20	Examiners Finished Grading Op. Tests	Oct 17, 2006	20m	10/12/06
21	NRC Ch. Ex. Review Completed	Oct 27, 2006	20m	10/12/06
22*	NRC BC Review Completed	Oct 28, 2006	166	10/12/06
23	RPS/IP Examinees Updated Before Report Issued	Nov 2, 2006	20m	10/12/06
24	License/Denials Signed & Report Issued	Nov 2, 2006	20m	10/19/06
25	Package Closed Out	Nov 23, 2006	20m	11/2/006
Final Inspection Report Issued, Exam Package to OLA, Facility. Contact Notified of Results				

* Note Supervisor or Independent Reviewer initials required in for lines 10, 11, 14, & 22.

[] Required NRC-auth. exams only for line 5.

ADAMS ACCESSION NO. -
TEMPLATE NO. -

Facility: <u>Cooper</u>		Date of Examination: <u>Oct 2006</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, in accordance with ES-401.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	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.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
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.			<u>Tom</u>
	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.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	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.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
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.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	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	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	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.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
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.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	d. Check for duplication and overlap among exam sections.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	e. Check the entire exam for balance of coverage.	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	<u>✓</u>	<u>DJ</u>	<u>Tom</u>
a. Author <u>MICHAEL BARTON</u>		Printed Name/Signature <u>[Signature]</u>		Date <u>9-21-06</u>
b. Facility Reviewer (*) <u>David Tunc</u>		<u>[Signature]</u>		<u>9-21-06</u>
c. NRC Chief Examiner (#) <u>T.O. McKEERMAN</u>		<u>[Signature]</u>		<u>9/25/06</u>
d. NRC Supervisor <u>Vincent Gaddy</u>		<u>[Signature]</u>		<u>9/26/06</u>
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.				

ES 401

Written Examination Quality Checklist

Form ES 401-6

Facility: <u>Cooper</u>		Date of Examination: <u>Oct 2006</u>		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>		
Item Description	Initials					
	a	b*	c#			
1. Questions and answers are technically accurate and applicable to the facility.	<input checked="" type="checkbox"/>	DZ	RM			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	<input checked="" type="checkbox"/>	DZ	RM			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	<input checked="" type="checkbox"/>	DZ	RM			
4. The sampling process was random and systematic (If more than 4 RO or 2 SRO questions were repeated from the last 2 NRC licensing exams, consult the NRR OL program office).	<input checked="" type="checkbox"/>		RM			
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; or <input 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)	<input checked="" type="checkbox"/>	DZ	RM			
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 38/12	Modified 3/2	New 34/11	<input checked="" type="checkbox"/>	DZ	RM
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 42.7/32	C/A 57.3/68		<input checked="" type="checkbox"/>	DZ	RM
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	<input checked="" type="checkbox"/>	DZ	RM			
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.	<input checked="" type="checkbox"/>	DZ	RM			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	<input checked="" type="checkbox"/>	DZ	RM			
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.	<input checked="" type="checkbox"/>	DZ	RM			
Printed Name / Signature		Date				
a. Author	MICHAEL A. BARTON / <u>Michael A. Barton</u>	9-25-06				
b. Facility Reviewer(*)	David Ture / <u>David Ture</u>	9-26-06				
c. NRC Chief Examiner (#)	T. A. McKERNAN / <u>T. A. McKernan</u>	9-26-06				
d. NRC Supervisor	V. G. GARRY / <u>Vincent G. Garry</u>	9-26-06				
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.						

ES 301

Operating Test Quality Checklist

Form ES 301-3

Facility: <u>Cooper</u>	Date of Examination: <u>Oct 2006</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).		<u>PH</u>	<u>DL</u>	<u>Tom</u>
b. There is no day-to-day repetition between this and other operating tests to be administered during this examination.		<u>PH</u>	<u>DL</u>	<u>Tom</u>
c. The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)		<u>PH</u>	<u>DL</u>	<u>Tom</u>
d. Overlap with the written examination and between different parts of the operating test is within acceptable limits.		<u>PH</u>	<u>DL</u>	<u>Tom</u>
e. It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.		<u>PH</u>	<u>DL</u>	<u>Tom</u>
2. Walk-Through Criteria		--	--	--
a. Each JPM includes the following, as applicable: <ul style="list-style-type: none"> • initial conditions • initiating cues • references and tools, including associated procedures • reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time-critical by the facility licensee • operationally important specific performance criteria that include: <ul style="list-style-type: none"> - detailed expected actions with exact criteria and nomenclature - system response and other examiner cues - statements describing important observations to be made by the applicant - criteria for successful completion of the task - identification of critical steps and their associated performance standards - restrictions on the sequence of steps, if applicable 		<u>PH</u>	<u>DL</u>	<u>Tom</u>
b. Ensure that any changes from the previously approved systems and administrative walk-through outlines (Forms ES-301-1 and 2) have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last 2 NRC examinations) specified on those forms and Form ES-201-2.		<u>PH</u>	<u>DL</u>	<u>Tom</u>
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.		<u>PH</u>	<u>DL</u>	<u>Tom</u>
Printed Name / Signature		Date		
a. Author	<u>MICHAEL A. BARDON</u> <u>[Signature]</u>	<u>9-25-06</u>		
b. Facility Reviewer(*)	<u>David Ture</u> <u>[Signature]</u>	<u>9-26-06</u>		
c. NRC Chief Examiner (#)	<u>T.O. McKernon</u> <u>[Signature]</u>	<u>9/26-06</u>		
d. NRC Supervisor	<u>V. G. Gaddy</u> <u>[Signature]</u>	<u>9/26/06</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: <u>COOPER NUCLEAR STATION</u> Date of Exam: <u>10-2-06</u> Scenario Numbers: <u>1 / 2 / 3</u> Operating Test No.: <u>1</u>				
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>[initials]</i>	<i>DZ</i>	<i>Tom</i>
2.	The scenarios consist mostly of related events.	<i>[initials]</i>	<i>DZ</i>	<i>Tom</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>[initials]</i>	<i>DZ</i>	<i>Tom</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>[initials]</i>	<i>DZ</i>	<i>Tom</i>
5.	The events are valid with regard to physics and thermodynamics.	<i>[initials]</i>	<i>DZ</i>	<i>Tom</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>[initials]</i>	<i>DZ</i>	<i>Tom</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>[initials]</i>	<i>DZ</i>	<i>Tom</i>
8.	The simulator modeling is not altered.	<i>[initials]</i>	<i>DZ</i>	<i>Tom</i>
9.	The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies or deviations from the referenced plant have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	<i>[initials]</i>	<i>DZ</i>	<i>Tom</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>[initials]</i>	<i>DZ</i>	<i>Tom</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>[initials]</i>	<i>DZ</i>	<i>Tom</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>Tom</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>[initials]</i>	<i>DZ</i>	<i>Tom</i>
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		
1.	Total malfunctions (5-8)	5 / 8 / 5	<i>[initials]</i>	<i>DZ</i>
2.	Malfunctions after EOP entry (1-2)	1 / 2 / 2	<i>[initials]</i>	<i>DZ</i>
3.	Abnormal events (2-4)	2 / 3 / 2	<i>[initials]</i>	<i>DZ</i>
4.	Major transients (1-2)	1 / 1 / 1	<i>[initials]</i>	<i>DZ</i>
5.	EOPs entered/requiring substantive actions (1-2)	2 / 2 / 1	<i>[initials]</i>	<i>DZ</i>
6.	EOP contingencies requiring substantive actions (0-2)	1 / 1 / 1	<i>[initials]</i>	<i>DZ</i>
7.	Critical tasks (2-3)	2 / 2 / 3	<i>[initials]</i>	<i>DZ</i>

9/25/06

Facility: Cooper Nuclear Station			Date of Exam: 10/02/2006			Operating Test No.:1											
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M(*)		
		1			2			3			4						
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N						
		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				
		R	I	U													
RO-1	RX		1											1	1	1	0
	NOR						1							1	1	1	1
	SRO-I	I/C		1				4						5	4	4	2
	SRO-U	MAJ		1				1						2	2	2	1
	TS													0	0	2	2
RO-2	RX					1								1	1	1	0
	NOR			1		1								2	1	1	1
	SRO-I	I/C			3		2							5	4	4	2
	SRO-U	MAJ			1		1							2	2	2	1
	TS													0	0	2	2
RO	RX		1		0									1	1	1	0
	NOR				1									1	1	1	1
	SRO-I-1	I/C		1		4								5	4	4	2
	SRO-U	MAJ		1		1								2	2	2	1
	TS		2		0									2	0	2	2
RO	RX	0												0	1	1	0
	NOR	1												1	1	1	1
	SRO-I	I/C	6											6	4	4	2
	SRO-U	MAJ	1											1	2	2	1
	TS	2												2	0	2	2

Instructions:

1. Circle the applicant level and enter the operating test number and Form ES-D-1 event numbers 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.
2. 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.
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 requirements specified for the applicant's license level in the right-hand columns.

DM 9/25/06

Facility: Cooper Nuclear Station				Date of Exam: 10/2/2006				Operating Test No.:									
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M(*)		
		1			2			3			4						
		C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N			C R E W P O S I T I O N						
		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				
RO SRO-I-2 SRO-U	RX	0				1								1	1	1	0
	NOR	1				1								2	1	1	1
	I/C	6				2								8	4	4	2
	MAJ	1				1								2	2	2	1
	TS	2				0								2	0	2	2
RO SRO-I SRO-U	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
RO SRO-I SRO-U	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
RO SRO-I SRO-U	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2

Instructions:

- Circle the applicant level and enter the operating test number and Form ES-D-1 event numbers 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 specified for the applicant's license level in the right-hand columns.

JOE 9/25/06

Facility: <i>Cooper</i>		Date of Examination: <i>10/2/2006</i>		Operating Test No.:												
Competencies	APPLICANTS															
	RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input checked="" type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>				RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
	7	8	4	NA	6	10	7	NA	6	10	7	NA	6	8	5	NA
Interpret/Diagnose Events and Conditions	7	8	4	NA	6	10	7	NA	6	10	7	NA	6	8	5	NA
Comply With and Use Procedures (1)	4	6	5	NA	8	9	8	NA	8	9	8	NA	3	7	6	NA
Operate Control Boards (2)	8	10	8	NA	8	10	8	NA	NA	NA	NA	NA	7	11	10	NA
Communicate and Interact	10	12	9	NA	12	16	10	NA	12	16	10	NA	10	14	10	NA
Demonstrate Supervisory Ability (3)	NA	NA	NA	NA	8	11	7	NA	8	11	7	NA	NA	NA	NA	NA
Comply With and Use Tech. Specs. (3)	NA	NA	NA	NA	2	2	2	NA	2	2	2	NA	NA	NA	NA	NA
Notes: (1) Includes Technical Specification compliance for an RO. (2) Optional for an SRO-U. (3) Only applicable to SROs.																

Instructions:

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

[Signature] 9/25/06

Facility: Cooper Nuclear Station Date of Exam: 9/29/06 Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>			
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2. Answer key changes and question deletions justified and documented	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
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	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
5. All other failing examinations checked to ensure that grades are justified	NA	N/A	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	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Printed Name/Signature		Date	
a. Grader	MICHAEL BARTON <i>[Signature]</i>	10-10-06	
b. Facility Reviewer(*)	TIM DONOVAN <i>[Signature]</i>	10/10/06	
c. NRC Chief Examiner (*)	T.O. MCKERNON <i>[Signature]</i>	10/11/06	
d. NRC Supervisor (*)	V.G. Gaddy <i>[Signature]</i>	10/12/06	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

15:28:14

10/12/2006

Report 21

Operator Licensing Exam Schedule

From 10/01/2006 To 09/30/2007

RSP/IP

Phase Code: 5 Operational

Region: 4

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
10/02/2006	Cooper / 05000298 / 2006301 TAC #: X02344	RO - 6 SROU - 3	Admin	NNN	MCKERNON, THOMAS O.	DRAKE, JAMES F. GARCHOW, STEPHEN M. MCKERNON, THOMAS O. TINDELL, BRIAN W. blank, blank A.
10/16/2006	Cooper / 05000298 / 2006301 TAC #: X02344	RO - 6 SROU - 3	Doc	NNN	MCKERNON, THOMAS O.	GARCHOW, STEPHEN M. MCKERNON, THOMAS O. MURPHY, MICHAEL E. TINDELL, BRIAN W.

Sites: CNS

Orgs: 4620

Exam Author: ALL

Mar 13 06 07:03a

Kathleen Covert Jensen

870-269-9667

P.2

Form ES-201-3

Examination Security Agreement

ES-201, Rev. 9

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 10/2/2006 to 10/19/2006 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 9-29-10-6. 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. Gregory Jensen	Exam Developer	<i>[Signature]</i>	2/21/06	<i>[Signature]</i>	10-12-06
2. Anthony Krupp	CLERK	<i>[Signature]</i>	3/13/06	<i>[Signature]</i>	10-11-06
3. MICHAEL BARN	EXAM DEVELOPER	<i>[Signature]</i>	6-5-06	<i>[Signature]</i>	10-11-06
4. David Tine	Supervisor / Sub Supervisor	<i>[Signature]</i>	6-22-06	<i>[Signature]</i>	10-11-06
5. Sharon Ketselsen	Simulator Specialist	<i>[Signature]</i>	7/10/06	<i>[Signature]</i>	10-11-06
6. Jin Flanice	Simulator S.P.V.	<i>[Signature]</i>	9/14/06	<i>[Signature]</i>	10/10/06
7. Matt Kreitzels	Simulator Supervisor	<i>[Signature]</i>	7/14/06	<i>[Signature]</i>	10/10/06
8. MARK GUNNELLA	EXAM VALIDATION	<i>[Signature]</i>	8/13/06	<i>[Signature]</i>	10/10/06
9. Clyde Edgington	Exam Validation	<i>[Signature]</i>	8/13/06	<i>[Signature]</i>	10/10/06
10. Rod L. Penfield	EXAM VALIDATION	<i>[Signature]</i>	8-4-06	<i>[Signature]</i>	11/1/06
11. KENNETH MORRISCH	EXAM VALIDATION	<i>[Signature]</i>	8-4-06	<i>[Signature]</i>	10/10-06
12. Randy Koubor	Exam Validation	<i>[Signature]</i>	8-4-06	<i>[Signature]</i>	10-10-06
13. MICK JOE	EXAM VALIDATION	<i>[Signature]</i>	9-13-06	<i>[Signature]</i>	10/14/06
14. Keith Kline	EXAM VALIDATION	<i>[Signature]</i>	9-13-06	<i>[Signature]</i>	10/14/06
15. Brian Waddell	Simulator Specialist	<i>[Signature]</i>	9-13-06	<i>[Signature]</i>	10/16/06

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Cooper Oct 2006

Form ES-601-1

Examination Security Agreement

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC requalification examinations scheduled for the week(s) of 10/2/06 - 10/6/06 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's chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those operators scheduled to be administered these 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's 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 requalification examinations administered during the week(s) of 9-29 - 9-29. 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 operators who were administered these examinations, except as specifically noted below and authorized by the NRC.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE
1. <i>David Werner</i>	<i>OR Supervisor</i>	<i>[Signature]</i>	<i>9/18/06</i>	<i>[Signature]</i>	<i>10/9/06</i>
2. <i>Donald Dea</i>	<i>SSG Ops Specialist</i>	<i>[Signature]</i>	<i>9/19/06</i>	<i>[Signature]</i>	<i>10/16/06</i>
3. <i>JW Boyd</i>	<i>Nuclear Instruction</i>	<i>[Signature]</i>	<i>9/20/06</i>	<i>[Signature]</i>	<i>10/16/06</i>
4. <i>JAMES DEDIC</i>	<i>ILT SUPERVISOR</i>	<i>[Signature]</i>	<i>10/3/06</i>	<i>[Signature]</i>	<i>10/16/06</i>
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