

VARIOUS CHECKLISTS

FOR THE MONTICELLO INITIAL EXAMINATION - OCT 2002



November 12, 2002

Attention: Dell McNeil
US Nuclear Regulatory Commission, Region III
801 Warrenville Road
Lisle, Illinois 60532-4351

Subject: Monticello Nuclear Generating Plant (Docket No. 50-263) Initial Licensing Examination Security Agreement.

Enclosed are the necessary copies of NUREG 1021, Form ES-201-3, Examination Security Agreement, as utilized for MNGP 2002 ILO NRC Exam. All of the required post-examination signatures have been obtained with the exception of one. This individual no longer works for the company and was not able to be contacted. This has been annotated on the applicable line associated with this persons signature and a note added to the bottom of the ES-201-3 form.

If you have any questions regarding the enclosed information please contact Jerry Allex, Operations Training Instructor, at 763-295-1563 (Exam Development Room) or 763-271-2654.

Gerald M. Allex
Operations Training Instructor

NOV 13 2002

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 9/19/02 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 9/19/02. 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)	DATENOTE
1. DALLAS R. CLINES	EXAM DEVELOPER	<i>Dallas R. Clines</i>	1/31/02		
2. Marvin R. Engler	Exam Developer	<i>Marvin R. Engler</i>	1/31/02	<i>Marvin R. Engler</i>	10/21/02
3. JOHN SHRIVER	Coordinator Simulator SUS	<i>John Shriver</i>	3/18/02	<i>John Shriver</i>	10/18/02
4. Gerald M. Allen	EXAM Developer / Coordinator	<i>Gerald M. Allen</i>	3/20/02	<i>Gerald M. Allen</i>	10/18/02
5. Paul Dehmer	ETC Technician	<i>Paul Dehmer</i>	3/20/02	<i>Paul Dehmer</i>	10/21/02
6. Kurt MARKLING	Shift-Superuisor	<i>Kurt Markling</i>	3/20/02	<i>Kurt Markling</i>	10/18/02
7. John Hopkins	Principle Instructor - Rad Bot	<i>John Hopkins</i>	5/12/02	<i>John Hopkins</i>	10/18/02
8. Harold H. Paustian	Nuclear Engineer	<i>Harold H. Paustian</i>	5/2/02	<i>Harold H. Paustian</i>	10/21/02
9. Nai-Tai Ni, FEI	Sr. Specialty Engineer	<i>Nai-Tai Ni</i>	5/3/02	<i>Nai-Tai Ni</i>	10/18/02
10. George Thullow	INSTRUCTOR DAIIC	<i>George Thullow</i>	5/9/02		
11. Steve Brewer	Instructor DAIIC	<i>Steve Brewer</i>	5/9/02		
12. MANSHIK SONG	SOFTWARE Engineer	<i>Manshik Song</i>	5/9/02	<i>Manshik Song</i>	10-18-02
13. Michael Offerdahl	Emergency Planning Coordinator	<i>Michael Offerdahl</i>	5/15/02	<i>Michael Offerdahl</i>	
14. Cathy Bengtson	Busin Support	<i>Cathy Bengtson</i>	5/16/02	<i>Cathy M. Bengtson</i>	10/21/02
15. KEVIN HAUGEN	SHIFT MANAGER	<i>Kevin Haugen</i>	5/22/02	<i>Kevin Haugen</i>	10/25/02

NOTES: * No longer with the company.

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATENOTE
1. Bruce Mackissock	Shift Operations Mgr	<i>Bruce Mackissock</i>	10-21-02	<i>Bruce Mackissock</i>	10-21-02
2. CRAIG SCHWARZKOPF	NLPE + RO	<i>Craig Schwarzkopf</i>	5-22-02	<i>Craig Schwarzkopf</i>	10-25-02
3. Robert Walstrom	Shift Manager	<i>Robert Walstrom</i>	10-21-02	<i>Robert Walstrom</i>	10-21-02
4. Jerry Simpson	PEO + RO	<i>Jerry Simpson</i>	6-5-02	<i>Jerry Simpson</i>	10-21-02
5. David Shore	CRS	<i>David Shore</i>	6-5-02	<i>David Shore</i>	10-21-02
6. Jim Wellumson	PRA	<i>Jim Wellumson</i>	7-15-02	<i>Jim Wellumson</i>	10-22-02
7. Robert Steckelberg	CRS	<i>Robert Steckelberg</i>	7-31-02	<i>Robert Steckelberg</i>	10/21/02
8. BRIAN KOENIG	SHIFT MANAGER	<i>Brian Koenig</i>	7-31-02	<i>Brian Koenig</i>	10-23-02
9. DALE COX	SHIFT MANAGER	<i>Dale Cox</i>	8-1-02	<i>Dale Cox</i>	10-21-02
10. Tracy Braatz	Tech Pub Sys Coordinator	<i>Tracy Braatz</i>	9-11-02	<i>Tracy Braatz</i>	10/21/02
11. Janice Schapel	Associate Tech. Analyst	<i>Janice Schapel</i>	10-10-02	<i>Janice Schapel</i>	10/18/02
12. Gregory Rask	CRS	<i>Gregory Rask</i>	10-16-02	<i>Gregory Rask</i>	10/30/02
13. Gerard Lashinski	Ops Training Supervisor	<i>Gerard Lashinski</i>	10-16-02	<i>Gerard Lashinski</i>	10/21/02
14. Gregory Holmstrom	Ops Inst.	<i>Gregory Holmstrom</i>	10/14/02	<i>Gregory Holmstrom</i>	10/18/02
15. John Grubb	Ops. Mgr.	<i>John Grubb</i>	10/17/02	<i>John Grubb</i>	10/23/02

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2. Marvin B. Enger	Exam Developer	Marvin B. Enger	1/5/02	<i>John Meyer</i>	10/24/02
3. JOHN SHRIVER	Coordinator Simulator SUS	<i>John Shriver</i>	3/18/02	<i>John Meyer</i>	10/18/02
4. Gerald M. Allen	EXAM Developer / Coordinator	<i>Gerald M. Allen</i>	3/20/02	<i>Paul Dehmer</i>	10/18/02
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8. Harold H. Paustian	Nuclear Engineer	<i>Harold H. Paustian</i>	5/2/02		
9. Vai-Tai N. FEI	Sr. Specialty Engineer	<i>Vai-Tai N. Fei</i>	5/3/02	<i>Vai-Tai N. Fei</i>	10/18/02
10. George Thullen	Instructor DAE	<i>George Thullen</i>	5/9/02	<i>George Thullen</i>	10/24/02
11. Steve Brewer	Instructor DAE	<i>Steve Brewer</i>	5/9/02		10/23/02
12. MANSHIK SONG	Software Engineer	<i>Manshik Song</i>	5/9/02	<i>Manshik Song</i>	10-18-02
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2. Matthew B. Enyes	Exam Developer	Matthew B. Enyes	1/31/02	Matthew B. Enyes	10/24/02
3. JOHN SHRIVER	Coordinator Simulator SVS	<i>John Shriver</i>	3/18/02	<i>John Shriver</i>	10/18/02
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NOTES:

Facility: <u>Monticello</u>		Date of Examination: <u>09/09/2002</u>
Exam Level (circle one) RO / <input type="checkbox"/> SRO		Operating Test Number: <u>02-01</u>
Administrative Topic/Subject Description		Describe method of evaluation 1. ONE Administrative JPM, OR 2. TWO Administrative Questions
A.1	Plant Parameter Verification	JPM - Perform Core Thermal Limits Monitoring and identify actions that need to be taken. Procedure: C.2-05, Rev. 13 Generic 2.1.19 (3.0), 2.1.33 (4.0)
	Temporary Procedure Modification (Bank)	JPM - Temporary Change Request Procedure: 4 AWI-02.02.05, Rev. 9; 0255-04-IA-1, Rev. 54 Generic 2.2.11 (3.4)
A.2	Temporary Modification of Systems (Bank)	JPM - Initiate a Jumper Bypass Form Procedure: 4AWI-04.04.03, Rev. 16; B.03.02-05, Rev. 17; Jumper Bypass Form 3034, Rev. 20 Generic 2.2.11 (3.8)
A.3	Radiation Control Calculating Exposure	JPM - Expected dose determination to inspect equipment Procedure: 4 AWI-08.04.01, Rev. 12 Generic 2.3.4 (3.1)
A.4	Emergency Plan Protective Action Recommendation (Modified Bank)	JPM - Classify an event and determine Protective Action Recommendations Procedure: A.2-101, Rev. 27; A.2-204, Rev. 14 Generic 2.4.38 (4.0), 2.4.44 (4.0)

Facility: <u>Monticello</u>		Date of Examination: <u>09/09/2002</u>
Exam Level (circle one) <input checked="" type="checkbox"/> RO / SRO		Operating Test Number: <u>02-01</u>
Administrative Topic/Subject Description	Describe method of evaluation 1. ONE Administrative JPM, OR 2. TWO Administrative Questions	
A.1	Plant Parameter Verification	JPM - Perform Core Thermal Limits monitoring Procedure: C.2-05, Rev. 13 Generic 2.1.19 (3.0)
	Shift Turnover	JPM - Perform a Control Room Shift Turnover Checklist and panel walkdown and identify any discrepancies. Procedure: Checklist 3139, Rev. 24 Generic 2.1.31 (4.2)
A.2	Surveillance Testing	JPM - Perform a Daily Jet Pump Operability test Procedure: 0000-B, Rev. 83 Generic 2.2.12 (3.0)
A.3	Radiation Control Calculating Exposure	JPM - Expected dose determination to inspect equipment Procedure: 4 AWI-08.04.01, Rev. 12 Generic 2.3.4 (2.5)
A.4	Emergency Plan	JPM - Don Fire Fighting Protection Gear Generic 2.4.26 (2.9)

Facility: <u>Monticello Nuclear</u>		Date of Examination: <u>10/14/2002</u>
Exam Level (circle one) <input checked="" type="checkbox"/> RO / <input type="checkbox"/> SRO(I) / <input type="checkbox"/> SRO(U)		Operating Test No.: <u>02-01</u>
B.1 Control Systems		
System / JPM Title	Type Code*	Safety Function
a. Control Rod Drive (CRD) Operability JPM-B.01.03-006 201003, A2.01 (3.4/3.6), A4.02 (3.5/3.5)	D, A, S	1
b. Isolate Core Spray Loop A JPM-B.03.01-002 209001, A4.03 (3.7/3.6)	D, S	2
c. MSIV Exercise Test JPM-B.02.04-004 239001, A4.01 (4.2/4.0)	D, A, S	3
d. HPCI Reactor Vessel Pressure Control JPM B.03.02-05.G.1 206000, A1.02 (4.2/4.2)	N, A, S	4
e. Reset a Group 2 Isolation JPM C.4-B.04.01.B-Part A 223002, A4.03 (3.6/3.5)	N, S	5
f. Manually Start #11 EDG (Control Room Actions) JPM-B.09.08-001 264000, A4.04 (3.7/3.7)	D, S	6
g. Rod Worth Minimizer Operability JPM-B.05.02-001 201006, A3.02 (3.5/3.4)	D, S	7
B.2 Facility Walk-Through		
a. Manual Control of RHRSW CV-1729 JPM B.08.01.03-001 400000, A1.01 (2.8/2.8)	D, L, R Abnormal	8
b. FWCV Control JPM-B.05.07-002 259001, A2.07 (3.7/3.8)	D, R	2
c. Depressurize the Scram Air Header JPM-C.5-3101-007 295037, EA1.03 (4.1/4.1)	N, A, R Emergency	1
*Type Codes: (D)irect from bank, (M)odified from bank, (N)ew, (A)lternate path, (C)ontrol room, (S)imulator, (L)ow-Power, (R)CA		

Facility: Monticello Nuclear Date of Examination: 09/09/2002
 Exam Level (circle one) RO / SRO(I) / SRO(U) Operating Test No.: 02-01

B.1 Control Systems

System / JPM Title	Type Code*	Safety Function
a. Control Rod Drive (CRD) Operability JPM-B.01.03-006 201003, A2.01 (3.4/3.6), A4.02 (3.5/3.5)	D, A, S	1
b. Isolate Core Spray Loop A JPM-B.03.01-002 209001, A4.03 (3.7/3.6)	D, S	2
c. MSIV Exercise Test JPM-B.02.04-003 239001, A4.01 (4.2/4.0)	D, A, S	3
d. HPCI Reactor Vessel Pressure Control JPM B.03.02-05.G.1 206000, A1.02 (4.2/4.2)	N, A, S	4
e. Reset a Group 2 Isolation JPM C.4-B.04.01.B-Part A 223002, A4.03 (3.6/3.5)	N, S	5
f. Manually Start #11 EDG (Control Room Actions) JPM-B.09.08-001 264000, A4.04 (3.7/3.7)	D, S	6
g. Rod Worth Minimizer Operability JPM-B.05.02-001 201006, A3.02 (3.5/3.4)	D, S	7

B.2 Facility Walk-Through

a. Manual Control of RHRSW CV-1729 JPM B.08.01.03-001 400000, A1.01 (2.8/2.8)	D, A, L, R Abnormal	8
b. FWCV Control JPM-B.05.07-002 259001, A2.07 (3.7/3.8)	D, R	2
c. Start a Mechanical Vacuum Pump JPM-B.06.03-002 271000, A2.01 (3.1/3.1) {295002, AA1.02 (2.9/2.9)}	D, R Abnormal	9

*Type Codes: (D)irect from bank, (M)odified from bank, (N)ew, (A)lternate path, (C)ontrol room, (S)imulator, (L)ow-Power, (R)CA

Facility: <u>Monticello Nuclear Gen Plant</u> Date of Examination: <u>07/09/02</u> Operating Test Number: <u>02-0</u>			
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>AME</u>	<u>KM</u>	<u>BN</u>
b. There is no day-to-day repetition between this and other operating tests to be administered during this examination.	<u>AME</u>	<u>KM</u>	<u>BN</u>
c. The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).	<u>AME</u>	<u>KM</u>	<u>BN</u>
d. Overlap with the written examination and between operating test categories is within acceptable limits.	<u>AME</u>	<u>KM</u>	<u>BN</u>
e. It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	<u>AME</u>	<u>KM</u>	<u>BN</u>
2. WALK-THROUGH (CATEGORY A & B) 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 • 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>AME</u>	<u>KM</u>	<u>BN</u>
b. The prescribed questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301.	<u>NA</u>	<u>NA</u>	<u>N/A</u>
c. 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.	<u>AME</u>	<u>KM</u>	<u>BN</u>
d. At least 20 percent of the JPMs on each test are new or significantly modified.	<u>AME</u>	<u>KM</u>	<u>BN</u>
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.	<u>AME</u>	<u>KM</u>	<u>BN</u>
	Printed Name / Signature	Date	
a. Author	<u>Marvin R. Engen / <i>MRE</i></u>	<u>6/30/02</u>	
b. Facility Reviewer(*)	<u>Kurt Markling (Kurt Markling)</u>	<u>07/01/02</u>	
c. NRC Chief Examiner (#)	<u>Dell R. McNeil / <i>DRM</i></u>	<u>09/24/02</u>	
d. NRC Supervisor	<u>DAVID L. PELTON / <i>DLP</i></u>	<u>10/3/02</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:	MONTICELLO	Date of Exam:	9/9/2002	Scenario Numbers:	1 / 2 / 3	Operating Test No.	02-01	
QUALITATIVE ATTRIBUTES						Initial		
						a	b*	c#
1.	The initial conditions are realistic, in that some equipment and/or instrumentation may be out of service, but does not cue the operators into expected events.	<i>AME</i>	<i>KM</i>	<i>SM</i>				
2.	The scenarios consist mostly of related events.	<i>AME</i>	<i>KM</i>	<i>SM</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>AME</i>	<i>KM</i>	<i>SM</i>				
4.	No more than one mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.	<i>AME</i>	<i>KM</i>	<i>SM</i>				
5.	The events are valid with regard to physics and thermodynamics.	<i>AME</i>	<i>KM</i>	<i>SM</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>AME</i>	<i>KM</i>	<i>SM</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>AME</i>	<i>KM</i>	<i>SM</i>				
8.	The simulator modeling is not altered.	<i>AME</i>	<i>KM</i>	<i>SM</i>				
9.	The scenarios have been validated. Any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.	<i>AME</i>	<i>KM</i>	<i>SM</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.4 of ES-301.	<i>AME</i>	<i>KM</i>	<i>SM</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>AME</i>	<i>KM</i>	<i>SM</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>AME</i>	<i>KM</i>	<i>SM</i>				
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>AME</i>	<i>KM</i>	<i>SM</i>				
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)						Actual Attributes		
1.	Total malfunctions (5-8)		7 / 8 / 7	<i>AME</i>	<i>KM</i>	<i>SM</i>		
2.	Malfunctions after EOP entry (1-2)		1 / 2 / 1	<i>AME</i>	<i>KM</i>	<i>SM</i>		
3.	Abnormal events (2-4)		2 / 3 / 2	<i>AME</i>	<i>KM</i>	<i>SM</i>		
4.	Major Transients (1-2)		2 / 1 / 2	<i>AME</i>	<i>KM</i>	<i>SM</i>		
5.	EOPs entered/requiring substantive actions (1-2)		2 / 2 / 2	<i>AME</i>	<i>KM</i>	<i>SM</i>		
6.	EOP contingencies requiring substantive actions (0-2)		1 / 1 / 1	<i>AME</i>	<i>KM</i>	<i>SM</i>		
7.	Critical tasks (2-3)		3 / 5 / 4	<i>AME</i>	<i>KM</i>	<i>SM</i>		

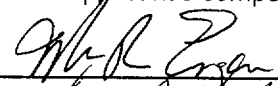
OPERATING TEST NO.: 02-01

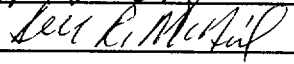
Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1	2	6	2	
	Normal	1	1	1	1	
	Instrument / Component	4	3, 4, 5, 6, 9	2, 3, 4, 5, 8, 9	3, 4, 5, 6, 8	
	Major	1	7, 8	7	7, 9	

As RO	Reactivity	1	2	6	2	
	Normal	0	NA	NA	NA	
	Instrument / Component	2	3, 4	3, 5, 8, 9	4, 6, 8	
	Major	1	7, 8	7	7, 9	
SRO-I						
As SRO	Reactivity	0	2	6	2	
	Normal	1	1	1	1	
	Instrument / Component	2	3, 4, 5, 6, 9	2, 3, 4, 5, 9	3, 4, 5, 6, 8	
	Major	1	7, 8	7	7, 9	

SRO-U	Reactivity	0	NA	NA	NA	
	Normal	1	NA	NA	NA	
	Instrument / Component	2	NA	NA	NA	
	Major	1	NA	NA	NA	

- 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.4.d) but must be significant per Section C.2.a of Appendix D.
 - (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: 

Competencies	Applicant #1 RO <u>SRO</u> -I/SRO-U				Applicant #2 RO <u>SRO</u> -I/SRO-U				Applicant #3 RO <u>SRO</u> -I/SRO-U			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Understand and Interpret Annunciators and Alarms	3,4,5,8	2,3,4,5,6,7,8,9	3,4,5,6,7,8		3,4,5,8	2,3,4,5,6,7,8,9	3,4,5,6,7,8		3,4,5,8	2,3,4,5,6,7,8,9	3,4,5,6,7,8	
Diagnose Events and Conditions	3,4,5,6,7,8	2,3,4,5,6,7,8,9	3,4,5,6,7,8,9		3,4,5,6,7,8	2,3,4,5,6,7,8			3,4,5,6,7,8	2,3,4,5,6,7,8,9	3,4,5,6,7,8,9	
Understand Plant and System Response	3,4,5,6,7,8	3,4,5,6,7,8,9	3,4,5,6,7,8,9		3,4,5,6,7,8	3,4,5,6,7,8,9	3,4,5,6,7,8,9		3,4,5,6,7,8	3,4,5,6,7,8,9	1,3,4,5,6,7,8,9	
Comply With and Use Procedures (1)	1,2,3,4,5,6,7,8	3,5,6,7,8,9	2,4,6,7,8,9		1,2,3,4,5,6,7,8	3,5,6,7,8,9	2,4,6,7,8,9		1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7,8,9	
Operate Control Boards (2)	2,3,4,6,7,8	3,5,6,7,8,9	2,4,6,7,8,9		2,3,4,6,7,8	3,5,6,7,8,9	2,4,6,7,8,9		1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9	1,2,3,4,5,6,7,8,9	
Communicate and Interact With the Crew	3,4,5,6,7,8	1,2,3,4,5,6,7	1,3,4,5,6,7,8,9		3,4,5,6,7,8	1,2,3,4,5,6,7,8,9	1,3,4,5,6,7,8,9		4,5,6,7,8	4,5,6,7,8,9	1,3,4,5,6,7,8,9	
Demonstrate Supervisory Ability (3)	1,2,3,4,5,6,7,8	1,2,3,4,5,6,7	1,3,4,5,6,7,8,9		1,2,3,4,5,6,7,8	1,2,3,4,5,6,7,8,9	1,3,4,5,6,7,8,9		NA	NA	NA	
Comply With and Use Tech. Specs. (3)	3,4,6	1,2,6	6		3,4,6	1,2,6	6		NA	NA	NA	

Notes:

- (1) Includes Technical Specification compliance for an RO.
- (2) Optional for an SRO-U.
- (3) Only applicable to SROs.

Instructions:

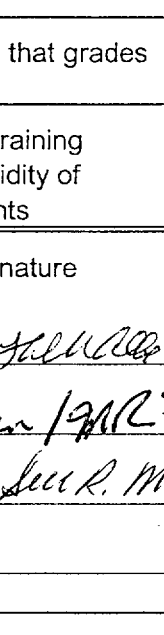
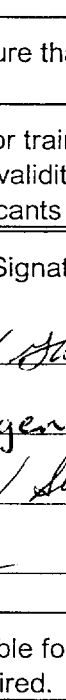
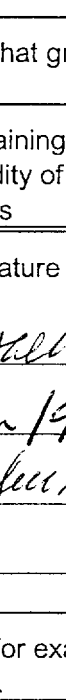
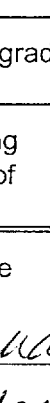
Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

M R Lopez

NRC Reviewer:

Scott R. McHard

Facility: <u>Monticello</u>		Date of Exam: <u>10/18/02</u>		Exam Level: <u>RO/SRO</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>JA</u>	<u>QWE</u>	<u>SM</u>		
2. Answer key changes and question deletions justified and documented	<u>JA</u>	<u>QWE</u>	<u>SM</u> <u>N/A</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>JA</u>	<u>QWE</u>	<u>SM</u>		
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	<u>JA</u>	<u>QWE</u>	<u>SM</u> <u>N/A</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>NA</u>	<u>NA</u>	<u>SM</u> <u>NA</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>JA</u>	<u>QWE</u>	<u>SM</u>		
Printed Name / Signature		Date			
a. Grader	<u>Gerald M. Alex / </u>	<u>10/18/02</u>			
b. Facility Reviewer(*)	<u>Marvin R. Engen / </u>	<u>18 Oct 02</u>			
c. NRC Chief Examiner (*)	<u>Dell R. McNeil / </u>	<u>18 Oct 02</u>			
d. NRC Supervisor (*)	<u></u>	<u>10/28/02</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					