

VARIOUS CHECKLISTS

FOR THE CLINTON INITIAL EXAMINATION - JULY 2005

Facility: <u>Clinton</u>		Date of Examination: <u>7/18-22/2005</u>
Examinations Developed by: <u>Facility</u> / NRC (circle one)		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	ef
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	ef
-120	3. Facility contact briefed on security and other requirements (C.2.c)	ef
-120	4. Corporate notification letter sent (C.2.d)	ef
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 2)]	ef
{-75}	6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d)	ef
{-70}	[7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)]	ef
{-45}	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6), and reference materials due (C.1.e, f, g and h; C.3.d)	ef
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	ef
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	ef
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	ef
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	ef
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	ef
-7	14. Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and waiver letters sent (C.2.i; Attachment 4; ES-202, C.2.e; ES-204)	ef
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	ef
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	ef
<p>* Target dates are generally based on facility-prepared examinations and are keyed to the examination date identified in the corporate notification letter. They are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee. [Applies only] [Does not apply] to examinations prepared by the NRC.</p>		

Clayton

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 7/18/05 / 7/25/05 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 7/18 / 7/25/05. 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. <u>Mark Vandermyde</u>	<u>Reactor Engineer Supervisor</u>	<i>Mark Vandermyde</i>	<u>4/11/05</u>	<i>Mark Vandermyde</i>	<u>7/27/05</u>	
2. <u>David B. Lovings</u>	<u>REACTOR OPERATOR</u>	<i>David B. Lovings</i>	<u>4/20/05</u>	<i>David B. Lovings</i>	<u>8/8/05</u>	
3. <u>RICHARD R. KISS</u>	<u>Senior Reactor Operator</u>	<i>R. Kiss</i>	<u>4/20/05</u>	<i>R. Kiss</i>	<u>7-27-05</u>	
4. <u>KEVIN P. KANE</u>	<u>Reactor Operator</u>	<i>K. Kane</i>	<u>4-20-05</u>	<i>K. Kane</i>	<u>7-27-05</u>	
5. <u>Kieu Cuamplicity</u>	<u>Reactor Operator</u>	<i>Kieu Cuamplicity</i>	<u>4-23-05</u>	<i>Kieu Cuamplicity</i>	<u>8-3-05</u>	
6. <u>Timothy A. Staber</u>	<u>Senior Reactor Operator</u>	<i>Timothy A. Staber</i>	<u>4/25/05</u>	<i>Timothy A. Staber</i>	<u>8/17/05</u>	
7. <u>Michael J. Griffin</u>	<u>Reactor Operator</u>	<i>M. Griffin</i>	<u>4/20/05</u>	<i>M. Griffin</i>	<u>8/18/05</u>	
8. <u>Jeff Nades</u>	<u>SENIOR REACTOR OPERATOR</u>	<i>Jeff Nades</i>	<u>4-28-05</u>	<i>Jeff Nades</i>	<u>8/8/05</u>	
9. <u>Douglas Hunter</u>	<u>Senior Reactor Operator</u>	<i>Douglas Hunter</i>	<u>4-28-05</u>	<i>Douglas Hunter</i>	<u>7-27-05</u>	
10. <u>JAMES LOCAS</u>	<u>REACTOR OPERATOR</u>	<i>James Locas</i>	<u>5-10-05</u>	<i>James Locas</i>	<u>7/27/05</u>	
11. <u>RANDALL S. SYMPSON</u>	<u>REACTOR OPERATOR</u>	<i>R. Symson</i>	<u>5-10-05</u>	<i>R. Symson</i>	<u>8/3/05</u>	
12. <u>Lincoln A. Baker</u>	<u>Sen. Analyst</u>	<i>Lincoln A. Baker</i>	<u>5-10-05</u>	<i>Lincoln A. Baker</i>	<u>8/3/05</u>	
13. <u>David A. Smith</u>	<u>Lead Analyst / ITRD STC</u>	<i>David A. Smith</i>	<u>5-10-05</u>	<i>See Attached Fax</i>		
14. <u>THOMAS A. BAUER</u>	<u>COMPUTER TECH</u>	<i>Thomas A. Bauer</i>	<u>5-10-05</u>	<i>Thomas A. Bauer</i>	<u>7/20/05</u>	
15. <u>Mark Bonham</u>	<u>Reactor Operator</u>	<i>Mark Bonham</i>	<u>5-11-05</u>	<i>Mark Bonham</i>	<u>8-10-05</u>	

NOTES: See attached page for SIGNATURE (2) for Line 13.

Clinton

1. Pre-Examination

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2. Post-Examination

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	GARY SUTER	Author	[Signature]	1/28/05	[Signature]	7/26/05	
2.	Will Ryder	EXAM DEVELOPER	Will Ryder	01/28/05	See Attached Fax	7/29/05	
3.	DALLAS CLINES	EXAM DEVELOPER	[Signature]	1/28/05	[Signature]	8/3/05	
4.	JEFF DUNS	EXAM DEVELOPER	[Signature]	1/28/05	See Attached Fax	8/18/05	
5.	SHERI DEWALT	OTPS	[Signature]	1/28/05	See Attached Fax	7/26/05	
6.	PK RYAN	FACILITY REP	[Signature]	1/31/05	[Signature]	7/29/05	
7.	JAMES W. HONZEL	Simulator Licentiate	[Signature]	2/2/05	[Signature]	7/26/05	
8.	MARIA CONRAD	SIMULATOR ANALYST	[Signature]	2/2/05	Maria Conrad	7/28/05	
9.	JIM BUNNING	FACILITY REVIEWER	[Signature]	2/3/05	[Signature]	7/27/05	
10.	GD [Signature]						
11.	TOM PICKLEY	INSTRUCTOR	[Signature]	3/11/05	[Signature]	7/26/05	
12.	Joseph Crump	TECHNICIAN	[Signature]	3-15-05	[Signature]	8/12/05	
13.	LUN CHENG	Simulator Analyst	[Signature]	3-19-05	See Attached Fax	8/2/05	
14.	PATRICK GIANCANTONIO	SRO	[Signature]	3/21/05	[Signature]	8/10/05	
15.	WILLIAM G. STALGER	Lead RP Instructor	[Signature]	4/8/05	[Signature]	7/26/05	

NOTES: See attached pages for SIGNATURE (2) for Lines 2, 4, and 13.

Clinton

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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 7/18/05, 7/19/05 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. Ted Delaney	Reactor Operator	Ted Delaney	5-11-05	Ted Delaney	7/27/05
2. J. T. Olson	FIN SRO	J. T. Olson	5/16/05	J. T. Olson	8/19/05
3. JEFF KRAUSKE	SRO	Jeff Krauske	5/19/05	Jeff Krauske	7/26/05
4. MATT EVANS	SHIFT MANAGER	Matt Evans	6/16/05	Matt Evans	7/17/05
5. Steve Meng	Shift Manager	Steve Meng	4/15/05	Steve Meng	6/8/05
6. James D. Haagin	SRO	James D. Haagin	6/15/05	James D. Haagin	7-27-05
7. JIMMIE ZIMMERMAN	RO	Jimmie Zimmerman	6/20/05	Jimmie Zimmerman	07/27/05
8. Stephen Kulka	RO	Stephen Kulka	6/21/05	Stephen Kulka	8/13/05
9. MAXWELL L. KILRE	SRO	Maxwell L. Kilre	6-21-05	Maxwell L. Kilre	6-17-05
10. EDWARD J. KENNEDY	RO	Edward J. Kennedy	6-23-05	Edward J. Kennedy	7-17-05
11. JOHN R. McMILLION	NLO	John R. McMillion	6-27-05	John R. McMillion	7-27-05
12. KERRIN ZIPPARI	NLO	Kerrin Zippari	6-27-05	Kerrin Zippari	8-8-05
13. Jaron Sprengle	NLO	Jaron Sprengle	6-27-05	Jaron Sprengle	7-27-05
14. ROBERT SPENCE	ILT LEAD	Robert Spence	7/13/05	Robert Spence	7/14/05
15. Al Bailey	OPS Training Manager	Al Bailey	7/18/05	Al Bailey	7/29/05

NOTES:

Clenton

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE NOTE
1. Paul M. Higginsbotham	Instructor	<i>Paul M. Higginsbotham</i>	7/18/05	<i>Paul M. Higginsbotham</i>	7/26/05
2. CARL LEACH	INSTRUCTOR	<i>Carl Leach</i>	7/18/05	<i>Carl Leach</i>	7/26/05
3. TED COE	INSTRUCTOR	<i>Ted Coe</i>	7/18/05	<i>Ted Coe</i>	7/26/05
4. Mark Friedmann	EP Mgr	<i>Mark Friedmann</i>	7/19/05	<i>Mark Friedmann</i>	7/26/05
5. ROBERT SWENSON	MIT TRNG MGR	<i>Robert Swenson</i>	7/19/05	<i>Robert Swenson</i>	7/26/05
6. Tim Satterlee	Instructor - Surrogate	<i>Tim Satterlee</i>	7/20/05	<i>Tim Satterlee</i>	7/26/05
7. D.B. Calkins	Shift Operations Seps	<i>D.B. Calkins</i>	7/21/05	<i>D.B. Calkins</i>	7/26/05
8. <i>[Signature]</i>	RD	<i>[Signature]</i>	6-20-05	<i>[Signature]</i>	7-27-05
9.					
10.					
11.					
12.					
13.					
14.					
15.					

NOTES:

Facility: <u>Clinton</u>		Date of Examination: <u>7/11/05</u>		Operating Test Number: <u>04-1</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).	P	R	CB	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	P	R	CB	
c.	The operating test shall not duplicate items from the applicants' audit test(s)(see Section D.1.a).	P	R	CB	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	P	R	CB	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	P	R	CB	
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 	P	R	CB	
a.	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.	P	R	CB	
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.		P	R	CB	
a. Author	GD Setser <u>[Signature]</u>	Printed Name / Signature		Date	<u>5/25/05</u>
b. Facility Reviewer (*)	PK Ryan <u>[Signature]</u>			Date	<u>5/25/05</u>
c. NRC Chief Examiner (#)	<u>Charles J. Phillips</u> <u>[Signature]</u>			Date	<u>6/9/05</u>
d. NRC Supervisor	<u>Hironori Peterson</u> <u>[Signature]</u>			Date	<u>7/7/05</u>
NOTE: * The facility signature is not applicable for NRC-developed tests # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence is required.					

Facility: Clinton		Date of Exam: 7/11/05		Scenario Numbers: 1 / 2 / 3		Operating Test Number: 04-1		
QUALITATIVE ATTRIBUTES						Initials		
						a	b*	c#
1.	The initial conditions are realistic, in that some equipment and/or instrumentation maybe out of service, but it does not cue the operators into expected events.	Ⓟ	R	4				
2.	The scenarios consist mostly of related events.	Ⓟ	R	4				
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) 	Ⓟ	R	4				
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.	Ⓟ	R	4				
5.	The events are valid with regard to physics and thermodynamics.	Ⓟ	R	4				
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	Ⓟ	R	4				
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.	Ⓟ	R	4				
8.	The simulator modeling is not altered.	Ⓟ	R	4				
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 planned scenarios.	Ⓟ	R	4				
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.	Ⓟ	R	4				
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	Ⓟ	R	4				
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).	Ⓟ	R	4				
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	Ⓟ	R	4				
Target Quantitative Attributes (Per Scenario; See Section D.5.d)						Actual Attributes		
1.	Total malfunctions (5-8)	5 / 5 / 5		Ⓟ	R	4		
2.	Malfunctions after EOP entry (1-2)	1 / 1 / 1		Ⓟ	R	4		
3.	Abnormal events (2-4)	3 / 4 / 4		Ⓟ	R	4		
4.	Major transients (1-2)	2 / 2 / 1		Ⓟ	R	4		
5.	EOPs entered/requiring substantive actions (1-2)	2 / 2 / 1		Ⓟ	R	4		
6.	EOP contingencies requiring substantive actions (0-2)	0 / 1 / 1		Ⓟ	R	4		
7.	Critical tasks (2-3)	2 / 2 / 2		Ⓟ	R	4		

Facility: Clinton		Date of Exam: 7/11/05			Operating Test Number: ILT0401-1										
APPLICANT	EVENT TYPE	Scenarios												TOTAL	MINIMUM
		1			2			3			4				
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION				
		SRO	ATC	BOP	SRO	ATC	BOP	SRO	ATC	BOP	SRO	ATC	BOP		
RO SRO-I SRO-U	RX	1			3			7						1	1*
	NOR	3			1			2						1	1*
	I/C	2,4, 6,7, 10			4-7			3-6						4	4*
	MAJ	8,9			8,9			9						2	2
	TS	3,5			2,5			1,8						2	2
RO/BOP SRO-I SRO-U	RX		1			3			7					1	1*
	NOR			3			1			2				1	1*
	I/C		2,7	4,6, 10		4,6	5,7		4,6	3,5				4	4*
	MAJ		8,9	8,9		8,9	8,9		9	9				2	2
	TS													N/A	2
RO SRO-I SRO-U	RX		1			3			7					1	1*
	NOR													N/A	1*
	I/C		2,7			4,6			4,6					2	4*
	MAJ		8,9			8,9			9					2	2
	TS													N/A	2
RO SRO-I SRO-U	RX	1			3			7						1	1*
	NOR	3			1			2						1	1*
	I/C	2,4, 6,7, 10			4-7			3-6						4	4*
	MAJ	8,9			8,9			9						2	2
	TS	3,5			2,5			1,8						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 requirement.

Author:

[Signature] G.D. Setzer

NRC Reviewer:

[Signature]

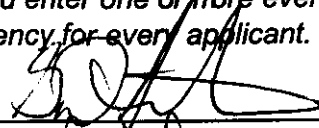
Facility: Clinton		Date of Examination: 7/11/05								Operating Test No.: 04-1							
Competencies	APPLICANTS																
	SRO-I				RO - ATC				RO - BOP				SRO-U				
	SCENARIO				SCENARIO				SCENARIO				SCENARIO				
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	
Interpret/ Diagnose Events and Conditions	1-10	1-9	1-9		1,2,7-9	3,4,6,8,9	4,6,7,9		3,4,6,8-10	1,5,7-9	2,3,5,9,9		1-10	1-9	1-9		
Comply With and Use Procedures (1)	1-10	1-9	1-9		1,2,7-9	3,4,6,8,9	4,6,7,9		3,4,6,8-10	1,5,7-9	2,3,5,9,9		1-10	1-9	1-9		
Operate Control Boards (2)	N/A	N/A	N/A		1,2,7-9	3,4,6,8,9	4,6,7,9		3,4,6,8-10	1,5,7-9	2,3,5,9,9		N/A	N/A	N/A		
Communicate and Interact	1-10	1-9	1-9		1,2,7-9	3,4,6,8,9	4,6,7,9		3,4,6,8-10	1,5,7-9	2,3,5,9,9		1-10	1-9	1-9		
Demonstrate Supervisory Ability (3)	1-10	1-9	1-9		N/A	N/A	N/A		N/A	N/A	N/A		1-10	1-9	1-9		
Comply With and Use Tech Specs. (3)	1-10	1-9	1-9		N/A	N/A	N/A		N/A	N/A	N/A		1-10	1-9	1-9		
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:

GD Setser



NRC Reviewer:

Charles J. Phillips

Facility: Clinton		Date of Exam: 7/11/05		Exam Level: RO/SRO			
Item Description				Initial			
				a	b*	c*	
1.	Questions and answers are technically accurate and applicable to the facility.			⓪	PKB	48	
2.	a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.			⓪	PKB	48	
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401			⓪	PKB	48	
4.	If more than four RO and two SRO questions are repeated from the last two NRC licensing exam, the facility licensee's sampling process was random and systematic.			⓪	PKB	48	
5.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input checked="" type="checkbox"/> the audit exam was systematically and randomly developed <input checked="" type="checkbox"/> the audit exam was completed before the license exam was started <input checked="" type="checkbox"/> the examinations were developed independently <input checked="" type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)			⓪	PKB	48	
6.	Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new and the rest new or modified); enter the actual RO/ SRO-only question distribution(s) at right.	Bank	Modified	New	⓪	PKB	48
		1/0	0/0	74/25			
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 KAs support the higher cognitive levels; enter the actual RO/ SRO question distribution(s) at right.	Memory		C/A	⓪	PKB	48
		33 / 6		42 / 19			
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.			⓪	PKB	48	
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			⓪	PKB	48	
10.	Question psychometric quality and format meet the guidelines in ES Appendix B.			⓪	PKB	48	
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet			⓪	PKB	48	
				Printed Name / Signature		Date	
a. Author	GD Setser					6/28/05	
b. Facility Reviewer (*)	PK Ryan					7/5/05	
c. NRC Chief Examiner (#)	Charles J. Phillips					7/12/05	
d. NRC Regional Supervisor	Hironori Peterson					7/7/05	
<p>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.</p>							

Facility: Clinton		Date of Exam: 7/11/05		Exam Level: RO/SRO	
Item Description	Initial				
	a	b*	c*		
1. Questions and answers are technically accurate and applicable to the facility.	R	R	nav		
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	R	R	nav		
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	R	R	nav		
4. If more than four RO and two SRO questions are repeated from the last two NRC licensing exam, the facility licensee's sampling process was random and systematic.			cf		
5. Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input checked="" type="checkbox"/> the audit exam was systematically and randomly developed <input checked="" type="checkbox"/> the audit exam was completed before the license exam was started <input checked="" type="checkbox"/> the examinations were developed independently <input checked="" type="checkbox"/> the licensee certifies that there is no duplication <input type="checkbox"/> other (explain)	R	R	nav		
6. Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new and the rest new or modified); enter the actual RO/ SRO-only question distribution(s) at right.	Bank	Modified	New	R	nav
	1/0	0/0	74/25		
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 KAs support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.	Memory		C/A	R	nav
	32 / 6		43 / 19		
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	R	R	nav		
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	R	R	nav		
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	R	R	nav		
11. The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet	R	R	nav		
		Printed Name / Signature	Date		
a. Author	GD Setser		5/23/05		
b. Facility Reviewer (*)	PK Ryan		5/25/05		
c. NRC Chief Examiner (#)			6/9/05		
d. NRC Regional Supervisor	Hironori Peterson		7/7/05		
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: CPS		Date of Exam: 7/25/05		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>R</i>	<i>lf</i>		
2. Answer key changes and question deletions justified and documented	<i>[Signature]</i>	<i>R</i>	<i>lf</i>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<i>[Signature]</i>	<i>R</i>	<i>lf</i>		
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	<i>[Signature]</i>	<i>R</i>	<i>lf</i>		
5. All other failing examinations checked to ensure that grades are justified	<i>[Signature]</i>	<i>R</i>	<i>lf</i>		
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>R</i>	<i>lf</i>		
	Printed Name/Signature	Date			
a. Grader	<i>Gary Seter / [Signature]</i>	<i>7/29/05</i>			
b. Facility Reviewer(*)	<i>PK Ryan / [Signature]</i>	<i>7/29/05</i>			
c. NRC Chief Examiner (*)	<i>Cleaver, [Signature]</i>	<i>8/9/2005</i>			
d. NRC Supervisor (*)	<i>Hironori Petersen / [Signature]</i>	<i>8/10/05</i>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					