

VARIOUS CHECKLISTS

FOR THE PRAIRIE ISLAND INITIAL EXAMINATION - AUGUST 2005

Facility: <u>PRAIRIE ISLAND</u>		Date of Examination: <u>August 08, 2005</u>
Examinations Developed by:  / 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)	hp
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	hp
-120	3. Facility contact briefed on security and other requirements (C.2.c)	hp
-120	4. Corporate notification letter sent (C.2.d)	hp
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 2)]	n/a
{-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)	drm
{-70}	{7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)}	drm
{-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)	drm
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	drm
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	drm
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	drm
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	drm
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	drm
-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)	drm
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	drm
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	drm
<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>		

Facility: <u>9 PRAIRIE ISLAND</u>		Date of Examination: <u>8-8-05</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).	<i>J</i>	<i>ca</i>	<i>sm</i>	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	<i>J</i>	<i>ca</i>	<i>sm</i>	
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	<i>J</i>	<i>ca</i>	<i>DM</i>	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	<i>J</i>	<i>ca</i>	<i>sm</i>	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	<i>J</i>	<i>ca</i>	<i>sm</i>	
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 	<i>J</i>	<i>ca</i>	<i>sm</i>	
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.	<i>J</i>	<i>ca</i>	<i>sm</i>	
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.		<i>J</i>	<i>ca</i>	<i>sm</i>	
Printed Name / Signature		Date			
a.	Author <u>John Kemakes</u>	<u>5/31/05</u>			
b.	Facility Reviewer(*) <u>Stephen Selthyme</u>	<u>6-2-05</u>			
c.	NRC Chief Examiner (#) <u>Dell R. McNeil</u>	<u>6-29/05</u>			
d.	NRC Supervisor <u>Jeff Hironori Peterson</u>	<u>8/4/05</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>PRINCE ISLAND</u>		Date of Exam: <u>8/15-8/17/03</u>	Scenario Numbers: <u>161</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>f</i>	<i>sa</i>	<i>sm</i>	
2.	The scenarios consist mostly of related events.	<i>f</i>	<i>sa</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>f</i>	<i>sa</i>	<i>sm</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>f</i>	<i>sa</i>	<i>sm</i>	
5.	The events are valid with regard to physics and thermodynamics.	<i>f</i>	<i>sa</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>f</i>	<i>sa</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>N/A</i>	<i>NA</i>	<i>N/A</i>	
8.	The simulator modeling is not altered.	<i>f</i>	<i>sa</i>	<i>sm*</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>f</i>	<i>sa</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.5 of ES-301.	<i>f</i>	<i>sa</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>f</i>	<i>sa</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>f</i>	<i>sa</i>	<i>sm</i>	
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>f</i>	<i>sa</i>	<i>sm</i>	
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes	-	-	-
1.	Total malfunctions (5-8)	<u>8 18 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>
2.	Malfunctions after EOP entry (1-2)	<u>3 12 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>
3.	Abnormal events (2-4)	<u>2 13 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>
4.	Major transients (1-2)	<u>1 1 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>
5.	EOPs entered/requiring substantive actions (1-2)	<u>2 1 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>
6.	EOP contingencies requiring substantive actions (0-2)	<u>1 1 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>
7.	Critical tasks (2-3)	<u>3 12 1</u>	<i>f</i>	<i>sa</i>	<i>sm</i>

* To be signed after validation

Facility: <i>PRAIRIE ISLAND</i>		Date of Exam: <i>8/15-8/17/05</i>		Scenario Numbers: <i>11216</i>		Operating Test No.: <i>2</i>	
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>J</i>	<i>SW</i>	<i>DM</i>			
2.	The scenarios consist mostly of related events.	<i>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</i>			
5.	The events are valid with regard to physics and thermodynamics.	<i>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</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>NA</i>	<i>NA</i>	<i>N/A</i>			
8.	The simulator modeling is not altered.	<i>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</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>J</i>	<i>SW</i>	<i>DM</i>			
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>J</i>	<i>SW</i>	<i>DM</i>			
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		-	-	-	
1.	Total malfunctions (5-8)	<i>8</i>	<i>8</i>	<i>8</i>	<i>J</i>	<i>SW</i>	
2.	Malfunctions after EOP entry (1-2)	<i>3</i>	<i>3</i>	<i>2</i>	<i>J</i>	<i>SW</i>	
3.	Abnormal events (2-4)	<i>2</i>	<i>2</i>	<i>3</i>	<i>J</i>	<i>SW</i>	
4.	Major transients (1-2)	<i>1</i>	<i>2</i>	<i>1</i>	<i>J</i>	<i>SW</i>	
5.	EOPs entered/requiring substantive actions (1-2)	<i>2</i>	<i>1</i>	<i>1</i>	<i>J</i>	<i>SW</i>	
6.	EOP contingencies requiring substantive actions (0-2)	<i>1</i>	<i>1</i>	<i>1</i>	<i>J</i>	<i>SW</i>	
7.	Critical tasks (2-3)	<i>3</i>	<i>2</i>	<i>2</i>	<i>J</i>	<i>SW</i>	

Facility: PRAIRIE ISLAND		Date of Exam: 8/16 - 8/18/05	Scenario Numbers: 2171	Operating Test No.: 3
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.	A	SW	DM
2.	The scenarios consist mostly of related events.	A	SW	DM
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) 	A	SW	DM
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.	A	SW	DM
5.	The events are valid with regard to physics and thermodynamics.	A	SW	DM
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	A	SW	DM
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.	N/A	NA	N/A
8.	The simulator modeling is not altered.	A	SW	DM
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.	A	SW	DM
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.	A	SW	DM
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	A	SW	DM
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).	A	SW	DM
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	A	SW	DM
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		
1.	Total malfunctions (5-8)	8	7	1
2.	Malfunctions after EOP entry (1-2)	3	3	1
3.	Abnormal events (2-4)	2	2	1
4.	Major transients (1-2)	2	2	1
5.	EOPs entered/requiring substantive actions (1-2)	1	1	1
6.	EOP contingencies requiring substantive actions (0-2)	1	1	1
7.	Critical tasks (2-3)	2	2	1

To be signed after validation

Facility: PRAIRIE ISLAND		Date of Exam: 8/15-8/17/05	Scenario Numbers: 1171	Operating Test No.: 4
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.	J	K	SW
2.	The scenarios consist mostly of related events.	J	SW	SW
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) 	J	SW	SW
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.	J	K	SW
5.	The events are valid with regard to physics and thermodynamics.	J	SW	SW
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	J	SW	SW
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.	N/A	N/A	N/A
8.	The simulator modeling is not altered.	J	SW	SW*
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.	J	SW	SW*
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.	J	K	SW
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	J	SW	SW
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).	J	SW	SW
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	J	SW	SW
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes		
1.	Total malfunctions (5-8)	8 / 7 / 1	J	SW SW
2.	Malfunctions after EOP entry (1-2)	3 / 3 / 1	J	SW SW
3.	Abnormal events (2-4)	2 / 2 / 1	J	SW SW
4.	Major transients (1-2)	1 / 2 / 1	J	SW SW
5.	EOPs entered/requiring substantive actions (1-2)	2 / 1 / 1	J	SW SW
6.	EOP contingencies requiring substantive actions (0-2)	1 / 1 / 1	J	SW SW
7.	Critical tasks (2-3)	3 / 2 / 1	J	SW SW

* To be signed after validation

Facility: <u>PIRAIE ISLAND</u>		Date of Exam: <u>8/15/05</u>		Operating Test No.: <u>1</u>													
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 <u>2005-1</u>			2 <u>2005-6</u>			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 <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX		2													1	1
	NOR												0	1	1	1	
	I/C		1.4			3.4.5							5	4	4	2	
	MAJ		5			6							2	2	2	1	
	TS												N/A	0	2	2	
RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX				1								1	1	1	0	
	NOR												0	1	1	1	
	I/C			2.3.4		2.3.5							6	4	4	2	
	MAJ			5		6							2	2	2	1	
	TS												N/A	0	2	2	
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>	RX	2			1								2	1	1	0	
	NOR												0	1	1	1	
	I/C	2.3.4			2.3.4.5								7	4	4	2	
	MAJ	5			6								2	2	2	1	
	TS	1.3			4.5								4	0	2	2	
RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>	RX													1	1	0	
	NOR													1	1	1	
	I/C													4	4	2	
	MAJ													2	2	1	
	TS													0	2	2	

Instructions:

1. Check 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.

Facility: PRAIRIE ISLAND		Date of Exam: 8/16/05		Operating Test No.: 2														
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 2005-1			2 2005-2			3 2005-6			4				R	I	U	
		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					
<input type="checkbox"/> RO	RX				4						1				2	1	1	0
<input type="checkbox"/> SRO-I	NOR				1										1	1	1	1
<input checked="" type="checkbox"/> SRO-U	I/C			23.4	23.4					23.5					9	4	4	2
<input type="checkbox"/> SRO-U	MAJ			5	5.9					6					4	2	2	1
<input type="checkbox"/> SRO-U	TS				2.3										2	0	2	2
<input type="checkbox"/> RO	RX	2													1	1	1	0
<input type="checkbox"/> SRO-I	NOR					1									1	1	1	1
<input checked="" type="checkbox"/> SRO-U	I/C	23.4				2.4				3.4.5					8	4	4	2
<input type="checkbox"/> SRO-U	MAJ	5				5.9				6					4	2	2	1
<input type="checkbox"/> SRO-U	TS	1.3													2	0	2	2
<input type="checkbox"/> RO	RX		2						1						2	1	1	0
<input type="checkbox"/> SRO-I	NOR														0	1	1	1
<input checked="" type="checkbox"/> SRO-U	I/C		1.4				3.4.6	22.4.5							9	4	4	2
<input type="checkbox"/> SRO-U	MAJ		5				5.9	6							4	2	2	1
<input type="checkbox"/> SRO-U	TS							4.5							2	0	2	2
<input type="checkbox"/> RO	RX															1	1	0
<input type="checkbox"/> SRO-I	NOR															1	1	1
<input type="checkbox"/> SRO-U	I/C															4	4	2
<input type="checkbox"/> SRO-U	MAJ															2	2	1
<input type="checkbox"/> SRO-U	TS															0	2	2

Instructions:

- Check 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.

Facility: <u>PAIRIE ISLAND</u>		Date of Exam: <u>8/17/05</u>		Operating Test No.: <u>3</u>																
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									
		2005-2			2005-7															
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION									
S	A	B	S	A	B	S	A	B	S	A	B	S	A	B	R	I	U			
R	T	O	R	T	O	R	T	O	R	T	O	R	T	O						
<input checked="" type="checkbox"/> RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> TS	RX																0	1	1	0
	NOR		1														1	1	1	1
	I/C		2.4			2.3.4											5	4	4	2
	MAJ		5.9			5.7											4	2	2	1
	TS																N/A	0	2	2
<input checked="" type="checkbox"/> RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> TS	RX					1											1	1	1	0
	NOR																0	1	1	1
	I/C		3.4.6			3.4											5	4	4	2
	MAJ		5.9			5.7											4	2	2	1
	TS																N/A	0	2	2
<input type="checkbox"/> RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> TS	RX																	1	1	0
	NOR																	1	1	1
	I/C																	4	4	2
	MAJ																	2	2	1
	TS																	0	2	2
<input type="checkbox"/> RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/> TS	RX																	1	1	0
	NOR																	1	1	1
	I/C																	4	4	2
	MAJ																	2	2	1
	TS																	0	2	2

Instructions:

- Check 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.

Facility: <u>HAIRIE ISLAND</u>		Date of Exam: <u>8/18/05</u>		Operating Test No.: <u>4</u>													
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 <u>2005-1</u>			2 <u>2005-7</u>			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		
<input checked="" type="checkbox"/> RO	RX		2												1	1	1
<input checked="" type="checkbox"/> SRO-I	NOR													0	1	1	1
<input type="checkbox"/> SRO-U	I/C		1.4			2.3.4								5	4	4	2
<input type="checkbox"/>	MAJ		5			5.7								3	2	2	1
<input type="checkbox"/>	TS													N/A	0	2	2
<input type="checkbox"/> RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
<input type="checkbox"/>	TS														0	2	2
<input type="checkbox"/> RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
<input type="checkbox"/>	TS														0	2	2
<input type="checkbox"/> RO	RX														1	1	0
<input type="checkbox"/> SRO-I	NOR														1	1	1
<input type="checkbox"/> SRO-U	I/C														4	4	2
<input type="checkbox"/>	MAJ														2	2	1
<input type="checkbox"/>	TS														0	2	2

Instructions:

1. Check 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.

Facility: PRAIRIE ISLAND	Date of Examination: 8/15/05										Operating Test No.: 1					
Competencies	APPLICANTS															
	RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input checked="" type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	Ro 1	SRO 2	3	4	SRO 1	Ro 2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	1,2,5	2,3,5,6			2,3,4,5	1,2,5,6							1,2,3,4,5,6			
Comply With and Use Procedures (1)	1	2,3,4,5,6			2,3,4,5	1,2,3,6			1,2,3,5	1,2,3,4,5,6						
Operate Control Boards (2)	2,4,5	2,3,6			2,3,4,5	1,2,5,6			N/A	N/A						
Communicate and Interact	1,2,5	2,3,4,5,6			2,3,5	1,2			1,2,3,4,5,6	1,2,3,4,5,6						
Demonstrate Supervisory Ability (3)	N/A	N/A			N/A	N/A			1,2,3,4,5,6	1,2,3,4,5,6						
Comply With and Use Tech. Specs. (3)	N/A	N/A			N/A	N/A			1,3	4,5						
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.

Facility: PRAIRIE ISLAND Date of Examination: 8/16/05 Operating Test No.: 2																
Competencies	APPLICANTS															
	RO <input type="checkbox"/>	RO <input type="checkbox"/>	RO <input type="checkbox"/>	RO <input type="checkbox"/>												
	SRO-I <input checked="" type="checkbox"/>															
	SRO-U <input type="checkbox"/>	SRO-U <input type="checkbox"/>	SRO-U <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
Interpret/Diagnose Events and Conditions	2,3,4,5	2,3,4,5,7	1,2,5,6		1,2,3,4,5	1,4,5,7	2,3,5,6		1,2,5	2,3,4,5,7	2,3,5,6					
Comply With and Use Procedures (1)	2,3,4,5	1,2,3,4,5,7	1,2,3,6		1,2,3,5	1,2,4,5	2,3,4,5,6		1	2,3,4,5	1,2,3,4,5,6					
Operate Control Boards (2)	2,3,4,5	N/A	1,2,5,6		N/A	1,5,7	2,3,6		2,4,5	2,3,5,7	N/A					
Communicate and Interact	2,3,4,5	1,2,3,4,5,7	1,2		1,2,3,4,5	1,2,4,5,7	2,3,4,5,6		1,2,5	2,3,4,5,7	1,2,3,4,5,6					
Demonstrate Supervisory Ability (3)	N/A	1,2,3,4,5,7	N/A		1,2,3,4,5	N/A	N/A		N/A	N/A	1,2,3,4,5,6					
Comply With and Use Tech. Specs. (3)	N/A	2,3,4	N/A		1,3	N/A	N/A		N/A	N/A	4,5					
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.

Facility: <u>PRAIRIE ISLAND</u> Date of Examination: <u>8/17/05</u> Operating Test No.: <u>3</u>																
Competencies	APPLICANTS															
	RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input checked="" type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>				RO <input type="checkbox"/> SRO-I <input type="checkbox"/> SRO-U <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	Atc 1	BOP 2	3	4	BOP 1	Atc 2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	2,4, 5	2,3, 4,5, 7			4,5	1,4, 5,7										
Comply With and Use Procedures (1)	1,2, 4,5	2,3, 4,5			2,3, 4,5	1,2, 4,5										
Operate Control Boards (2)	1,2, 4,5	2,3, 5,7			3,4, 5,9	1,5, 7										
Communicate and Interact	1,2, 4,5	2,3, 4,5, 7			2,3, 4,5, 9	1,2, 4,5, 7										
Demonstrate Supervisory Ability (3)	N/A	N/A			N/A	N/A										
Comply With and Use Tech. Specs. (3)	N/A	N/A			N/A	N/A										
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.

Facility: <u>PRairie Island</u>	Date of Examination: <u>8/18/05</u>				Operating Test No.: <u>4</u>											
Competencies	APPLICANTS															
	RO <input checked="" type="checkbox"/>				RO <input type="checkbox"/>				RO <input type="checkbox"/>				RO <input type="checkbox"/>			
	SRO-I <input type="checkbox"/>				SRO-I <input type="checkbox"/>				SRO-I <input type="checkbox"/>				SRO-I <input type="checkbox"/>			
	SRO-U <input type="checkbox"/>				SRO-U <input type="checkbox"/>				SRO-U <input type="checkbox"/>				SRO-U <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	Arc 1	BOP 2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	1, 2, 5	2, 3, 4, 5, 7														
Comply With and Use Procedures (1)	1	2, 3, 4, 5														
Operate Control Boards (2)	2, 4, 5	2, 3, 5, 7														
Communicate and Interact	1, 2, 5	2, 3, 4, 5, 7														
Demonstrate Supervisory Ability (3)	N/A	N/A														
Comply With and Use Tech. Specs. (3)	N/A	N/A														
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.

2005 INITIAL LICENSE EXAM - PRAIRIE ISLAND

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

8/8/05 and 8/15/05

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of ~~8-1-05~~ 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 ~~8/8-8/15/05~~ 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. JOHN KEMPKES	SHIFT SUPERVISOR / EXAM AUTHOR	<i>[Signature]</i>	1-10-05	<i>[Signature]</i>	8/22/05
2. Scott Whitson	Simulator Engineer	<i>[Signature]</i>	1-10-05	<i>[Signature]</i>	8/22/05
3. MIKE GARDZINSKI	Simulator-Testing	<i>[Signature]</i>	1/10/05	<i>[Signature]</i>	8/22/05
4. Jeff Gehlhar	Simulator Engr	<i>[Signature]</i>	1/10/05	<i>[Signature]</i>	8/22/05
5. TRAVIS OURET	INSTRUCTOR / EXAM AUTHOR	<i>[Signature]</i>	1/10/05	<i>[Signature]</i>	8/22/05
6. BILL MAXHAM	OPSTNG SUPV / EXAM AUTHOR	<i>[Signature]</i>	1/11/05	<i>[Signature]</i>	8/22/05
7. KAREN CAULSON	ADMINISTRATIVE ASSISTANT	<i>[Signature]</i>	1-11-05	<i>[Signature]</i>	8-22-05
8. James D. Lask	Training Manager	<i>[Signature]</i>	3-23-05	<i>[Signature]</i>	8-22-05
9. Joel P. Sorenson	VP-Training	<i>[Signature]</i>	4-27-05	<i>[Signature]</i>	8-24-05
10. Tyler Greenfield	WCC SRO	<i>[Signature]</i>	4-28-05	<i>[Signature]</i>	8-25-05
11. BILL KAPPES	NDS ASSESSOR	<i>[Signature]</i>	4-29-05	<i>[Signature]</i>	8-23-05
12. Joseph Gorman	RO	<i>[Signature]</i>	5-7-05	<i>[Signature]</i>	9-1-05
13. MARE SMUTNY	SRO	<i>[Signature]</i>	5-5-05	<i>[Signature]</i>	8-29-05
14. Steve Ingalls	Shift Supervisor	<i>[Signature]</i>	5-5-05	<i>[Signature]</i>	9-16-05
15. Kevin Rhody	RO	<i>[Signature]</i>	5-6-05	<i>[Signature]</i>	8/22/05

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/8 + 8/15/05 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 8/8 + 8/15/05. 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.	Ross E. Cadwell	PIPEFITTER SERVICE	<i>Ross E. Cadwell</i>	5-26-05	<i>Ross E. Cadwell</i>	8-30-05
2.	Aaron Larson	Pipefitter Service	<i>Aaron Larson</i>	5-26-05	<i>Aaron Larson PER</i>	<i>TELCOA Trans Recd 8/30/05</i>
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NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/8 + 8/15/05 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 8/8 + 8/15/05. 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.	Robert Ammon	ERCS Software Engineer	<i>Robert Ammon</i>	7/11/05	<i>Robert Ammon</i>	8/19/05	
2.	Bryan Bluske	SR. Engineering Analyst	<i>Bryan Bluske</i>	7/11/05	<i>Bryan Bluske</i>	8/30/05	
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NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/8 + 8/15/05 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 8/8 + 8/15/05. 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>G. Thullen</u>	<u>ORAC OR Instructor</u>	<u>[Signature]</u>	<u>5/19/05</u>	<u>[Signature]</u>	<u>8/23/05</u>	
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NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/8 & 8/15 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. Darrell Hensley	Sr. Nuc. Instr. / Peer Reviews	<i>Darrell Hensley</i>	6/6/05	<i>Darrell Hensley</i>	8/29/05
2. Richard Gullett	Site Director / Insp. Person	<i>Richard Gullett</i>	6/6/05	<i>Richard Gullett</i>	8/29/05
3. Dirk R. Cedergren	Instructor / Regual Coordinator	<i>Dirk R. Cedergren</i>	7/26/05	<i>Dirk Cedergren</i>	8/22/05
4. Wayne Irvin	Shift Manager	<i>Wayne Irvin</i>	8-9-05	<i>Wayne Irvin</i>	8-22-05
5. Marshik Song	Site Engineer	<i>Marshik Song</i>	8/12/05	<i>Marshik Song</i>	8/12/05
6. Timothy J. Johnson	Instructor	<i>Timothy Johnson</i>	8/15/05	<i>Timothy Johnson</i>	8/18/05
7. Mark A. Jones	Sr. Instructor	<i>Mark A. Jones</i>	8/15/05	<i>Mark A. Jones</i>	8/22/05
8.					
9.					
10.					
11.					
12.					
13.					
14.					
15.					

NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/8 + 8/15/05 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 8/8 + 8/15/05. 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.	Scott Deprest	OTPS / Reviewer - Exelon	Scott Deprest	8/16/05	Scott Deprest per telexon Wagonmiller	8/25/05	
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NOTES:

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/8/05 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 8/8/05. 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>Dean Simonson</u>	<u>RO</u>	<u>Dean Simonson</u>	<u>5-18-05</u>	<u>Dean Simonson</u>	<u>8-25-05</u>
2. <u>JEFF BARKMAN</u>	<u>SS</u>	<u>Jeff Barkman</u>	<u>5-16-05</u>	<u>Jeff Barkman</u>	<u>8/25/05</u>
3. <u>MICHAEL J. HELLAND</u>	<u>RO</u>	<u>Michael J. Helland</u>	<u>5-24-05</u>	<u>Michael J. Helland</u>	<u>8-23-05</u>
4. <u>Richard A. Meyer</u>	<u>RO</u>	<u>Richard Meyer</u>	<u>5-24-05</u>	<u>Richard Meyer</u>	<u>8-23-05</u>
5. <u>William Schaller</u>	<u>LRO</u>	<u>W Schaller</u>	<u>5-24-05</u>	<u>W Schaller</u>	<u>9/1/05</u>
6. <u>Mark Jenkin</u>	<u>LRO</u>	<u>Mark Jenkin</u>	<u>5-24-05</u>	<u>Mark Jenkin</u>	<u>9/1/05</u>
7. <u>Kevin Jensen</u>	<u>LRO</u>	<u>Kevin Jensen</u>	<u>5/24/05</u>	<u>Kevin Jensen</u>	<u>8/25/05</u>
8. <u>Paul Finholm</u>	<u>LRO</u>	<u>Paul Finholm</u>	<u>5/24/05</u>	<u>Paul Finholm</u>	<u>8-25-05</u>
9. <u>Jue Julian</u>	<u>RO</u>	<u>Jue Julian</u>	<u>5/24/05</u>	<u>Jue Julian</u>	<u>8/22/05</u>
10. <u>Jim Page</u>	<u>RO</u>	<u>Jim Page</u>	<u>5/24/05</u>	<u>Jim Page</u>	<u>8/22/05</u>
11. <u>EW Heideman</u>	<u>LRO</u>	<u>EW Heideman</u>	<u>7/12/05</u>	<u>EW Heideman</u>	<u>8/25/05</u>
12. <u>Dale E Johnson</u>	<u>SS</u>	<u>Dale E Johnson</u>	<u>7-12-05</u>	<u>Dale E Johnson</u>	<u>8-23-05</u>
13. <u>TERRY BATOR</u>	<u>G/OT</u>	<u>Terry Bator</u>	<u>7-12-05</u>	<u>Terry Bator</u>	<u>8/25/05</u>
14. <u>Dave Webb</u>	<u>LRO</u>	<u>David M. Webb</u>	<u>7-12-05</u>	<u>David M. Webb</u>	<u>8/25/05</u>
15. <u>Brian Berkman</u>	<u>LRO</u>	<u>Brian Berkman</u>	<u>7-15-05</u>	<u>Brian Berkman</u>	<u>8/25/05</u>

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE NOTE
1. RICHARD ALLEN	COMPUTER ENGINEER	<i>Richard Allen</i>	3/8/05	<i>Richard Allen</i>	8/19/05
2. Len Lisson	Comp Eng Supervisor	<i>Len Lisson</i>	3/8/05	<i>Len Lisson</i>	8/30/05
3. Stephen Seithymer	Shift Supervisor	<i>Stephen Seithymer</i>	3-11-05	<i>Stephen Seithymer</i>	9-4-05
4. Mark D Born	I & C	<i>Mark D Born</i>	3/30/05	<i>Mark D Born</i>	9/31/05
5. Richard M. Martin	REACTOR OPERATOR	<i>Richard M. Martin</i>	5-6-05	<i>Richard M. Martin</i>	8-25-05
6. Mark A. Haren	Reactor Operator	<i>Mark A. Haren</i>	5-6-05	<i>Mark A. Haren</i>	9-6-05
7. JOHN M. EDWARDS	REACTOR OPERATOR	<i>John M. Edwards</i>	5/6/05	<i>John M. Edwards</i>	9/6/05
8. Scott A. Rogers	Shift Supervisor	<i>Scott A. Rogers</i>	5-10-05	<i>Scott A. Rogers</i>	9-15-05
9. Steven E. Schmidt	Shift Manager	<i>Steven E. Schmidt</i>	5/10/05	<i>Steven E. Schmidt</i>	8-22-05
10. Timothy C. Hendel	Shift Supervisor	<i>Timothy C. Hendel</i>	9/15/05	<i>Timothy C. Hendel</i>	8-22-05
11. Brent Seeley	LRO	<i>Brent Seeley</i>	7-15-05	<i>Brent Seeley</i>	8-22-05
12. THOMAS HOLT	INSTRUCTOR	<i>Thomas Holt</i>	8-16-05	<i>Thomas Holt</i>	8-22-05
13. T.					
14.					
15.					

NOTES:

SRO 1/1	027 AA2.10	#77 Two 027 EAPE K/As randomly selected initially, this one replaced as similar to audit scenario malfunction. Randomly replaced with 038 EA2.02.
SRO 1/1	057 AA2.18	#81 Cannot write SRO level question on this K/A. Randomly replaced with 005 AA2.01.
SRO 1/2	024 AA2.04	#82 Cannot write SRO level question on this K/A. Randomly replaced with 069 AA2.01.
SRO 1/2	060 AA2.03	#84 Cannot write SRO level question on this K/A. Randomly replaced with 037 2.1.2.
SRO 2/1	004 A2.19	#86 Unable to write an acceptable SRO level question on this K/A. Randomly replaced with 004 A2.06.
SRO 2/2	011 A2.04	#91 WD program did not include Fuel Handling System 34 K/A's as required by Rev 9. Per discussion with Chief Examiner on 1/19/05, randomly replaced one Tier 2/Gp 2 SRO System with randomly selected fuel handling system K/A 034 A2.02. A satisfactory question could not be written on this K/A due to limited exposure/training of plant SRO's on cask handling. Substituted 034 A2.03 as A2.01 only other choice and it was too similar to #8.
SRO G	2.4.34	#100 Cannot write SRO level question on an RO task K/A. Randomly replaced with 2.4.1.

Facility: PRAIRIE ISLAND		Date of Exam: 8-19-05		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>		
Item Description	Initial					
	a	b*	c*			
1. Questions and answers are technically accurate and applicable to the facility.	J	sa	sm			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	J	sa	sm			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	J	sa	sm			
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).			sm			
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)	J	sa	sm			
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	J	sa	sm
	15 / 5	22 / 3	38 / 17			
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	C/A		J	sa	sm
	35 / 11	40 / 14				
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	J	sa	sm			
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.	J	sa	sm			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	J	sa	sm			
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.	J	sa	sm			
Printed Name / Signature		Date				
a. Author	JOHN KEMPICKS		5-26-05			
b. Facility Reviewer (*)	Stephen Seithymer		6-2-05			
c. NRC Chief Examiner (#)	Dell R. McNeil / Dell R. McNeil		6/22/05			
d. NRC Regional Supervisor	Hiroaki Tedono		8/4/05			
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: <u>Prairie Island</u>		Date of Exam: <u>8/19/05</u>		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	<u>OR</u>	<u>COY</u>	<u>ben</u>		
2. Answer key changes and question deletions justified and documented	<u>J</u>	<u>COY</u>	<u>ben</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>J</u>	<u>COY</u>	<u>ben</u>		
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	<u>J</u>	<u>COY</u>	<u>ben</u>		
5. All other failing examinations checked to ensure that grades are justified N/A	<u>N/A</u>	<u>N/A</u>	<u>N/A</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>J</u>	<u>COY</u>	<u>ben</u>		
Printed Name/Signature		Date			
a. Grader	<u>David Reeser / David Reeser</u>	<u>8/31/05</u>			
b. Facility Reviewer(*)	<u>Charles Zoia / Charles Zoia</u>	<u>9/1/05</u>			
c. NRC Chief Examiner (**)	<u>Dell R. McNeil / Dell R. McNeil</u>	<u>9/1/05</u>			
d. NRC Supervisor (**)	<u>Aironori Peterson / Aironori Peterson</u>	<u>9/21/05</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					