

Chief:	Steve Garchow	Facility:	Fitzpatrick	Date of Written Exam:	9/7/2012
Start of Op Test:			9/11/2012	End of Op Test:	9/14/2012
Written Exam Developed By: NRC / Facility			Operating Test Developed By: NRC / Facility		
Due Date	Description	Date Complete	Initials	Notes	Reference
3/9/2012	Written Exam & Op Test Dates Confirmed	1/25/12	JNB		(C.1.a; C.2.a & b)
5/4/2012	NRC Examiners & Facility Contact Assigned	1/31/12	JNB		(C.1.d; C.2.e)
5/4/2012	Facility Contact Briefed on Security & Other Req's	1/25/12	JNB		(C.2.c)
5/4/2012	Corporate Notification Letter sent	1/31/12	JNB	ES-201 Att-4 produced by CE	(C.2.d)
6/8/2012	Reference material due (if NRC authored)	NA	JNB	ES-201 Att-3	(C.1.e; C.3.c)
6/22/2012	Integrated exam outlines due	6/20/12	JNB		(C.1.e & f; C.3.d)
6/29/2012	Outlines reviewed by CE; feedback approved by BC	6/21/12	JNB	ES-201-2 signed by CE & BC	(C.2.h; C.3.e)
6/29/2012	Feedback on integrated outlines provided to facility	6/26/12	JNB		(C.2.h; C.3.f)
7/20/2012	DRAFT exam / docs / support reference material due	7/20/12	JNB		(C.1.e, C.2.c)
8/3/2012	Peer review of written exam complete	8/9/12	JNB	Document review on ES-401-9	
8/3/2012	Preliminary license applications due	8/9/12	JNB	NRC Forms 398/396	(C.1.i; C.2.g; ES-202)
8/10/2012	Preliminary license applications and waivers reviewed	8/9/12	JNB		(C.1.i; C.2.g)
8/10/2012	DRAFT exam reviewed by CE; feedback approved by BC	7/24/12	JNB		(C.2.h; C.3.f)
8/10/2012	Feedback on DRAFT exam provided to facility	7/26/12	JNB		(C.1.h; C.2.f & h; C.3.g)
8/6/2012	On-site validation & 10% audit of license applications	8/9/12	JNB		ES-202, C.2.e
8/24/2012	Final applications due & List of Applicants prepared	8/24/12	JNB	ES-201-4 prepared by LA	C.1.i, C.2.i, ES-202
8/31/2012	Final applications approved & waiver letters sent	8/31/12	JNB		C.2.i, C.3.h, ES-204
8/31/2012	Branch Chief approves FINAL exam (Written & Op Test)	8/29/12	JNB	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	C.2.h, C.3.f ES-201 Att-4
8/31/2012	Proctoring/written exam admin guidelines reviewed w/ facility	9/10/12	JNB		(C.3.k)
9/1/2008	Exam material to exam team	9/1/12	JNB		(C.3.i)
9/14/2012	Administer Operating Test	9/13/12	JNB		
9/21/2012	Facility post-exam documentation due	9/19/12	JNB		501.C.1.a
9/21/2012	NRC written exam grading completed	9/20/12	JNB	ES-403-1 to BC	
9/21/2012	Examiner's document op test results on ES 303's	9/20/12	JNB		
9/28/2012	Chief Examiner review of written exam & op test completed	9/20/12	JNB	Signed ES 303's to BC	
10/5/2012	Branch Chief review of exam results completed	9/24/12	JNB		
10/12/2012	Waivers/deferrals reviewed for impact on licensing decision	NA	JNB		
10/12/2012	License/Denial letters mailed; Facility notified of results	9/28/12	JNB		
10/12/2012	RPS/IP number of examinees updated	9/6/12	JNB	print Report-21	
10/26/2012	Examination Report Issued	10/4/12	JNB	produced by CE	

11/2/2012	SUNSI checklist complete and exam docs to ADAMS	9/28/12	JMB	SUNSI checklist to LA	
11/9/2012	Ref Mat'l Returned after Final Resolution of Appeals	NA	NA		
Replaces NUREG-1021, Revision 9, Supp 1, Forms ES-201-1 and ES-501-1					

Facility: James A. Fitzpatrick

Date of Examination: September 2012

Item	Task Description	Initials		
		a	b*	c#
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model, in accordance with ES-401.	OK	PK	JMB
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all K/A categories are appropriately sampled.	OK	PK	JMB
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	OK	PK	JMB
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	OK	PK	JMB
2. S I M U L A T O R	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, technical specifications, and major transients.	OK	PK	JMB
	b. Assess whether there are enough scenario sets (and spares) to test the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity, and ensure that each applicant can be tested using at least one new or significantly modified scenario, that no scenarios are duplicated from the applicants' audit test(s), and that scenarios will not be repeated on subsequent days.	OK	PK	JMB
	c. To the extent possible, assess whether the outline(s) conform(s) with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D.	OK	PK	JMB
3. W / T	a. Verify that the systems walk-through outline meets the criteria specified on Form ES-301-2: (1) the outline(s) contain(s) the required number of control room and in-plant tasks distributed among the safety functions as specified on the form (2) task repetition from the last two NRC examinations is within the limits specified on the form (3) no tasks are duplicated from the applicants' audit test(s) (4) the number of new or modified tasks meets or exceeds the minimums specified on the form (5) the number of alternate path, low-power, emergency, and RCA tasks meet the criteria on the form.	OK	PK	JMB
	b. Verify that the administrative outline meets the criteria specified on Form ES-301-1: (1) the tasks are distributed among the topics as specified on the form (2) at least one task is new or significantly modified (3) no more than one task is repeated from the last two NRC licensing examinations	OK	PK	JMB
	c. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	OK	PK	JMB
4. G E N E R A L	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam sections.	OK	PK	JMB
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	OK	PK	JMB
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	OK	PK	JMB
	d. Check for duplication and overlap among exam sections.	OK	PK	JMB
	e. Check the entire exam for balance of coverage.	OK	PK	JMB
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	OK	PK	JMB

a. Author	Don Kelly /	Printed Name/Signature	Date
b. Facility Reviewer (*)	Tom Restuccio /		6/15/12
c. NRC Chief Examiner (#)	S. Garchow /		6-19-12
d. NRC Supervisor	D. Jackson /		6/26/12
			8/29/12

Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.
* Not applicable for NRC-prepared examination outlines

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of September 10th & 17th, 2012 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 September 10th & 17th. 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>Das Kelly</u>	<u>Exam Developer</u>	<u>[Signature]</u>	<u>3/16/12</u>	<u>[Signature]</u>	<u>7/18/12</u>
2. <u>Thomas R. Hooper Jr.</u>	<u>Exam Developer</u>	<u>[Signature]</u>	<u>3/16/12</u>	<u>[Signature]</u>	<u>7/18/12</u>
3. <u>Linda Harris</u>	<u>Admin Spec</u>	<u>[Signature]</u>	<u>3/16/12</u>	<u>[Signature]</u>	<u>7/18/12</u> ①
4. <u>Henry Baick</u>	<u>LOI Exam LOI</u>	<u>[Signature]</u>	<u>3/20/12</u>	<u>[Signature]</u>	<u>11/18/12</u>
5. <u>Shawn Nichols</u>	<u>OPERATIONS REPRESENTATIVE</u>	<u>[Signature]</u>	<u>5/11/12</u>	<u>[Signature]</u>	<u>10/2/12</u> ①
6. <u>Chris Smolinski</u>	<u>OPS SHIFT MANAGER</u>	<u>[Signature]</u>	<u>6/6/12</u>	<u>[Signature]</u>	<u>9/23/12</u> ①
7. <u>Thomas J. Restucco</u>	<u>FACILITY REVIEWER</u>	<u>[Signature]</u>	<u>6-6-12</u>	<u>[Signature]</u>	<u>9/23/12</u> ①
8. <u>[Signature]</u>	<u>[Signature]</u>	<u>[Signature]</u>	<u>6-7-12</u>	<u>[Signature]</u>	<u>9/1/12</u>
9. <u>John Pireschik</u>	<u>SIMULATOR SUPPORT</u>	<u>[Signature]</u>	<u>6/7/12</u>	<u>[Signature]</u>	<u>10/1/12</u> ①
10. <u>Tom Vurdon</u>	<u>OPS SDO</u>	<u>[Signature]</u>	<u>6/7/12</u>	<u>[Signature]</u>	<u>9/10/12</u> ①
11. <u>B. Wise</u>	<u>LOI Coordinator, CPS, RPU, M, SDO Lead</u>	<u>[Signature]</u>	<u>6/7/12</u>	<u>[Signature]</u>	<u>9/19/12</u>
12. <u>M. Mastrey</u>	<u>RW Supervisor, e-Security Admin</u>	<u>[Signature]</u>	<u>6/7/12</u>	<u>[Signature]</u>	<u>9/19/12</u>
13. <u>W.E. Owens</u>	<u>SNO</u>	<u>[Signature]</u>	<u>6/12/12</u>	<u>[Signature]</u>	<u>9/19/12</u>
14. <u>J. Bond</u>	<u>SNO</u>	<u>[Signature]</u>	<u>6/20/12</u>	<u>[Signature]</u>	<u>9/20/12</u> ①
15. <u>S. Homier</u>	<u>CPS</u>	<u>[Signature]</u>	<u>6/20/12</u>	<u>[Signature]</u>	<u>9/20/12</u> ①

NOTES:

① per email

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of September 10th & 17th 2012 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.


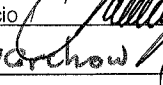
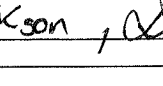
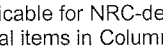
2. Post-Examination

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 September 10th & 17th. 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 Morris	SNO	<i>R. Morris</i>	7-3-12	<i>R. Morris</i>	9/25/12 ①
2. Paul Dunsmeier	SNO	<i>P. Dunsmeier</i>	7-4-12	<i>P. Dunsmeier</i>	9/25/12 ①
3. TIM MATTHEWS	SNO	<i>Tim Matthews</i>	7/10/12	<i>Tim Matthews</i>	9/25/12 ①
4. Ken Wells	SNO	<i>Ken Wells</i>	8-7-12	<i>Ken Wells</i>	9/25/12 ①
5. Tim Peter	Ops Initial Supt	<i>Tim Peter</i>	9/4/12	<i>Tim Peter</i>	9/18/12
6. Tim Page	Ops Trng Instructor	<i>Tim Page</i>	9/10/12	<i>Tim Page</i>	9/19/12
7. Peter Regan	Ops Trng Instructor	<i>Peter Regan</i>	9/10/12	<i>Peter Regan</i>	9/19/12
8. FRANK DEVENY	ops reg / cor	<i>Frank Deveny</i>	9/10/12	<i>Frank Deveny</i>	9/25/12 ①
9. William Gillbert	ops post / TRNG ILT	<i>William Gillbert</i>	9/10/12	<i>William Gillbert</i>	9/25/12 ①
10. Jonathan DeMarco	ADM-TRAINING	<i>Jonathan DeMarco</i>	9/12/12	<i>Jonathan DeMarco</i>	9/25/12 ①
11.					
12.					
13.					
14.					
15.					

NOTES:

① per email

Facility: James A. Fitzpatrick		Date of Examination: September 2012		Operating Test Number: 1	
1. General Criteria			Initials		
			a	b*	c#
a.	The operating test conforms with the previously approved outline; changes are consistent with sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution).	OK	TD	JMB	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	OK	TD	JMB	
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	OK	TD	JMB	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	OK	TD	JMB	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	OK	TD	JMB	
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 	OK	TD	JMB	
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.	OK	TD	JMB	
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.		OK	TD	JMB	
Printed Name / Signature		Date			
a.	Author Don Kelly / 	8/20/12			
b.	Facility Reviewer(*) Tom Restuccio / 	8/20/12			
c.	NRC Chief Examiner (#) Steve Garchow / 	8/24/12			
d.	NRC Supervisor D. Jackson / 	8/29/12			
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.					

Facility: James A. Fitzpatrick		Date of Exam: September 2012		Scenario Numbers: 1 / 2 / 3		Operating Test No.: 12-2	
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.	AK	PD	JMB			
2.	The scenarios consist mostly of related events.	AK	PD	JMB			
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) 	AK	PD	JMB			
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.	AK	PD	JMB			
5.	The events are valid with regard to physics and thermodynamics.	AK	PD	JMB			
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	AK	PD	JMB			
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.	AK	PD	JMB			
8.	The simulator modeling is not altered.	AK	PD	JMB			
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.	AK	PD	JMB			
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.	AK	PD	JMB			
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	AK	PD	JMB			
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).	AK	PD	JMB			
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	AK	PD	JMB			
Target Quantitative Attributes (Per Scenario; See Section D.5.d)		Actual Attributes					
1.	Total malfunctions (5-8)	7 / 6 / 7		AK PD JMB			
2.	Malfunctions after EOP entry (1-2)	1 / 2 / 2		AK PD JMB			
3.	Abnormal events (2-4)	4 / 3 / 2		AK PD JMB			
4.	Major transients (1-2)	1 / 1 / 1		AK PD JMB			
5.	EOPs entered/requiring substantive actions (1-2)	2 / 1 / 1		AK PD JMB			
6.	EOP contingencies requiring substantive actions (0-2)	2 / 1 / 1		AK PD JMB			
7.	Critical tasks (2-3)	2 / 2 / 2		AK PD JMB			

Facility: James A. Fitzpatrick			Date of Exam: September 2012			Operating Test No.: 12-2												
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			2			3			4							
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
															R	I	U	
RO 1	RX						1								1	1	1	0
	NOR														0*	1	1	1
	I/C		5,6,7 ,9				3,6,7								7	4	4	2
	MAJ		8				5								2	2	2	1
	TS														0	0	2	2
RO 2	RX			2											1	1	1	0
	NOR			1											1	1	1	1
	I/C			3,4, 5,6, 9			2,4, 6,7								9	4	4	2
	MAJ			8			5								2	2	2	1
	TS														0	0	2	2
RO 3	RX						1								1	1	1	0
	NOR														0*	1	1	1
	I/C		5,6,7 ,9				3,6,7								7	4	4	2
	MAJ		8				5								2	2	2	1
	TS														0	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 serve in both the SRO and the ATC positions, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position. If an Instant SRO *additionally* serves in the BOP position, one I/C malfunction can be credited toward the two I/C malfunctions required for 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: James A. Fitzpatrick

Date of Exam: September 2012

Operating Test No.: 12-2

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			2			3			4							
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	R		I	U	
RO 4	RX			2										1	1	1	0	
	NOR			1										1	1	1	1	
	I/C			3,4, 5,6, 9		2,4, 6,7								9	4	4	2	
	MAJ			8		5								2	2	2	1	
	TS													0	0	2	2	
RO 5	RX			2										1	1	1	0	
	NOR			1										1	1	1	1	
	I/C			3,4, 5,6, 9		2,4, 6,7								9	4	4	2	
	MAJ			8		5								2	2	2	1	
	TS													0	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 serve in both the SRO and the ATC positions, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position. If an Instant SRO *additionally* serves in the BOP position, one I/C malfunction can be credited toward the two I/C malfunctions required for 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: James A. Fitzpatrick Date of Examination: September 2012 Operating Test No.:12-2

Competencies	APPLICANTS							
	RO 1		RO 2		RO 3		RO 4	
	SCENARIO		SCENARIO		SCENARIO		SCENARIO	
	1	2	1	2	1	2	1	2
	ATC	BOP	BOP	ATC	ATC	BOP	BOP	ATC
Interpret/Diagnose Events and Conditions	5,6,7,8,9	3,5,6,7	3,4,6,8,9	2,4,5,6,7	5,6,7,8,9	3,5,6,7	3,4,6,8,9	2,4,5,6,7
Comply With and Use Procedures (1)	5,6,7,8,9	1,3,5,6,7	1,2,3,4,5,6,8,9	2,4,5,6,7	5,6,7,8,9	1,3,5,6,7	1,2,3,4,5,6,8,9	2,4,5,6,7
Operate Control Boards (2)	5,6,7,8,9	1,3,5,6,7	1,2,3,4,5,6,8,9	2,4,5,6,7	5,6,7,8,9	1,3,5,6,7	1,2,3,4,5,6,8,9	2,4,5,6,7
Communicate and Interact	All	All	All	All	All	All	All	All
Demonstrate Supervisory Ability (3)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comply With and Use Tech. Specs. (3)	N/A	N/A	N/A	N/A	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: James A. Fitzpatrick Date of Examination: September 2012 Operating Test No.:12-2



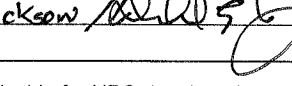
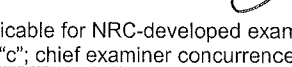


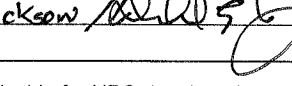
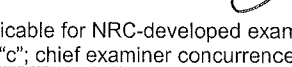


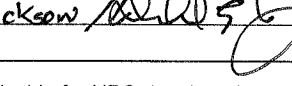
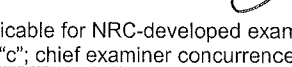
Competencies	APPLICANTS													
	RO 5													
	SCENARIO		SCENARIO				SCENARIO				SCENARIO			
	1 BOP	2 ATC	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	3,4,6,8, 9	2,4,5,6, 7												
Comply With and Use Procedures (1)	1,2,3,4, 5,6,8,9	2,4,5,6, 7												
Operate Control Boards (2)	1,2,3,4, 5,6,8,9	2,4,5,6, 7												
Communicate and Interact	All	All												
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.

Facility: James A. Fitzpatrick		Date of Exam: September 2012		Exam Level: RO																																
Item Description				Initial																																
				a	b*	c#																														
1.	Questions and answers are technically accurate and applicable to the facility.			OK	OK	JMB																														
2.	a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.			OK	OK	JMB																														
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401			OK	OK	JMB																														
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).					JMB																														
5.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input type="checkbox"/> the audit exam was systematically and randomly developed; or <input checked="" 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)			OK	OK	JMB																														
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	OK	OK	JMB																													
		3%	7%	90%																																
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		OK	OK	JMB																													
		43%	57%																																	
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.			OK	OK	JMB																														
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.			OK	OK	JMB																														
10.	Question psychometric quality and format meet the guidelines in ES Appendix B.			OK	OK	JMB																														
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.			OK	OK	JMB																														
<table border="0"> <tr> <td colspan="2"></td> <td colspan="2">Printed Name / Signature</td> <td colspan="2">Date</td> </tr> <tr> <td>a. Author</td> <td></td> <td>Don Kelly /</td> <td></td> <td></td> <td>8/20/12</td> </tr> <tr> <td>b. Facility Reviewer (*)</td> <td></td> <td>Tom Restuccio</td> <td></td> <td></td> <td>8/20/12</td> </tr> <tr> <td>c. NRC Chief Examiner (#)</td> <td></td> <td>Steve Garchow</td> <td></td> <td></td> <td>8/24/12</td> </tr> <tr> <td>d. NRC Regional Supervisor</td> <td></td> <td>Donald Jackson</td> <td></td> <td></td> <td>8/29/12</td> </tr> </table>									Printed Name / Signature		Date		a. Author		Don Kelly /			8/20/12	b. Facility Reviewer (*)		Tom Restuccio			8/20/12	c. NRC Chief Examiner (#)		Steve Garchow			8/24/12	d. NRC Regional Supervisor		Donald Jackson			8/29/12
		Printed Name / Signature		Date																																
a. Author		Don Kelly /			8/20/12																															
b. Facility Reviewer (*)		Tom Restuccio			8/20/12																															
c. NRC Chief Examiner (#)		Steve Garchow			8/24/12																															
d. NRC Regional Supervisor		Donald Jackson			8/29/12																															
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: James A. FitzPatrick		Date of Exam: September 18, 2012		Exam Level: RO	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	JK	B	JMB		
2. Answer key changes and question deletions justified and documented	N/A	N/A	NA		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	JK	B	JMB		
4. Grading for all borderline cases (80 \pm 2% overall and 70 or 80, as applicable, \pm 4% on the SRO-only) reviewed in detail	N/A	N/A	NA		
5. All other failing examinations checked to ensure that grades are justified	N/A	N/A	NA		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	JK	B	JMB		
Printed Name/Signature		Date			
a. Grader	Don Kelly / <u>Don Kelly</u>		9/18/12		
b. Facility Reviewer(*)	Kent Peckham / <u>Kent Peckham</u>		9/18/12		
c. NRC Chief Examiner (*)	Stephen Garchow / <u>Stephen Garchow</u>		9/19/12		
d. NRC Supervisor (*)	Donald Hicksaw / <u>Donald Hicksaw</u>		9/19/12		
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					