

Facility: <u>FitzPatrick</u>		Date of Examination: <u>7/14-23/14</u>
Developed by: Written - Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/> // Operating - Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/>		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a and b)	<i>WJ</i>
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	<i>WJ</i>
-120	3. Facility contact briefed on security and other requirements (C.2.c)	<i>WJ</i>
-120	4. Corporate notification letter sent (C.2.d)	<i>WJ</i>
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 3)]	<i>WJ</i>
{-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)	<i>WJ</i>
{-70}	{7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)}	<i>WJ</i>
{-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 any Form ES-201-3 updates), and reference materials due (C.1.e, f, g and h; C.3.d)	<i>WJ</i>
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	<i>WJ</i>
-14	10. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	<i>WJ</i>
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	<i>WJ</i>
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	<i>WJ</i>
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	<i>WJ</i>
-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 5; ES-202, C.2.e; ES-204)	<i>WJ</i>
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	<i>WJ</i>
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	<i>WJ</i>
<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: James A. Fitzpatrick		Date of Examination: April 2014		
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.	TRH	TRH	TRH
	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.	TRH	TRH	TRH
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	TRH	TRH	TRH
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	TRH	TRH	TRH
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.	TRH	TRH	TRH
	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.	TRH	TRH	TRH
	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.	TRH	TRH	TRH
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.	TRH	TRH	TRH
	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	TRH	TRH	TRH
	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.	TRH	TRH	TRH
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.	TRH	TRH	TRH
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	TRH	TRH	TRH
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	TRH	TRH	TRH
	d. Check for duplication and overlap among exam sections.	TRH	TRH	TRH
	e. Check the entire exam for balance of coverage.	TRH	TRH	TRH
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	TRH	TRH	TRH
a. Author _____ Tom Hooper / <i>[Signature]</i> b. Facility Reviewer (*) _____ Tom Restuccio / <i>[Signature]</i> c. NRC Chief Examiner (#) _____ David Silk / <i>[Signature]</i> d. NRC Supervisor _____ Donald Jackson / <i>[Signature]</i>		Date 1/3/14 1-4-14 1/29/14 1/30/14		
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines				

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of April 14 & 21, 2014 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 April 14 and 21, 2014. 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. Thomas R. Hooper Jr.	Exam Writer	<i>[Signature]</i>	1/14/13	<i>[Signature]</i>	4/23/14
2. Don KELLY	Exam Writer	<i>[Signature]</i>	7/1/13	<i>[Signature]</i>	4/23/14
3. Linda Harris	Admin Spec	<i>[Signature]</i>	7/1/13	<i>[Signature]</i>	4/24/14
4. BRUCE SENSENBACH	SIMULATOR SUPPORT	<i>[Signature]</i>	7/2/2013	<i>[Signature]</i>	2/24/2014
5. MIKE RASTLEY	Exam Reviewer (ops)	<i>[Signature]</i>	8/20/13	<i>[Signature]</i>	4/24/14
6. HENRY BORICK	EXAM WRITER LOR	<i>[Signature]</i>	9/12/13	<i>[Signature]</i>	4/23/14
7. Thomas Restrepo	Facility Reviewer	<i>[Signature]</i>	12-8-13	<i>[Signature]</i>	4-23-14
8. JOHN SKILM	OPS REVIEWER	<i>[Signature]</i>	1/15/14	<i>[Signature]</i>	4/23/14
9. Kyle Newberry	OPS	<i>[Signature]</i>	1-20-14	<i>[Signature]</i>	4-29-14
10. SHAWN NICHOLS	OPS OPS	<i>[Signature]</i>	1/20/14	<i>[Signature]</i>	4/29/14
11. Dave Richardson	OPS SM	<i>[Signature]</i>	1/20/14	<i>[Signature]</i>	4/29/14
12. R. YURKON	OPS SNO	<i>[Signature]</i>	1/20/14	<i>[Signature]</i>	4/29/14
13. J. Fitzpatrick	OPS SNU	<i>[Signature]</i>	1/20/14	<i>[Signature]</i>	4/29/14
14. J. DeFalco	OPS SRO	<i>[Signature]</i>	1/28/14	<i>[Signature]</i>	4/29/14
15. T. Collins	OPS SNO	<i>[Signature]</i>	1/28/14	<i>[Signature]</i>	4/30/14 ①

NOTES:

- ① per Tel-con
- ② 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 April 14 & 21, 2014 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 April 14 & 21, 2014. 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.	RODNEY CROFANT	OPS SNO		1-28-14		4-29-14
2.	ERIC ANDREWS	OPS / SNO		1-28-14		29 APR 14
3.	JUSTIN KRUL	OPS SRO		2-4-14		4-28-14
4.	R. MOANS	OPS SNO		2-4-14		4-28-14
5.	John Walkowiak	OPS SNO		2-4-14		4-28-14
6.	Kelly Smith	OPS SNO		3-17-14		4-28-14
7.	Steve DeLillo	ops sm		3/26/14		4/24/14
8.	John Bond	ops CRS		3/26/14		4/24/14
9.	John Cannwell	OPS SNO		3/27/14		4/24/14
10.	Timothy Peter	Training Manager		4/11/14		4/24/14
11.	PETER RYAN	Instructor		4/11/14		4/24/14
12.	V. Lindsay	as instructor		4/11/14		4/25/14
13.	F. CATALLA	Com. Inst.		4/11/14		4/28/14
14.	Richard Surina	ops training superintendent		4/11/14		4/28/14
15.	TIM SILVERES	OPS INSTRUCTOR		4/15/14		4/29/14 (2)

NOTES: ① per Tel-con
② per email

1. Pre-Examination

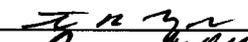
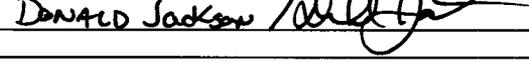
I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of April 14 & 21, 2014 as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized 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 Apr: 14 and 21, 2014. 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.	<i>Christopher Krasowski</i>	<i>Sim support</i>	<i>[Signature]</i>	<i>4/16/14</i>	<i>[Signature]</i>	<i>4/21/14</i>	
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

NOTES: ① per Tel-con
 ② per email

Facility: James A. Fitzpatrick		Date of Examination: April 2014		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).	TRH	Ⓟ	Ⓟ	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	TRH	Ⓟ	Ⓟ	
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	TRH	Ⓟ	Ⓟ	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	TRH	Ⓟ	Ⓟ	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	TRH	Ⓟ	Ⓟ	
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 	TRH	Ⓟ	Ⓟ	
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.	TRH	Ⓟ	Ⓟ	
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.		TRH	Ⓟ	Ⓟ	
		Printed Name / Signature		Date	
a.	Author	Tom Hooper / 		3/31/14	
b.	Facility Reviewer(*)	Tom Restuccio / 		3-31-14	
c.	NRC Chief Examiner (#)	David Silk / 		4/1/14	
d.	NRC Supervisor	DONALD JACKSON / 		4/3/14	
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: April 2014					Scenario Numbers: 1 / 2 / 3 / 4					Operating Test No.: 14-1				
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.									TRH	TRH	TRH							
2.	The scenarios consist mostly of related events.									TRH	TRH	TRH							
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) 									TRH	TRH	TRH							
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.									TRH	TRH	TRH							
5.	The events are valid with regard to physics and thermodynamics.									TRH	TRH	TRH							
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.									TRH	TRH	TRH							
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.									TRH	TRH	TRH							
8.	The simulator modeling is not altered.									TRH	TRH	TRH							
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.									TRH	TRH	TRH							
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.									TRH	TRH	TRH							
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).									TRH	TRH	TRH							
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).									TRH	TRH	TRH							
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.									TRH	TRH	TRH							
Target Quantitative Attributes (Per Scenario; See Section D.5.d)					Actual Attributes				--	--	--								
1.	Total malfunctions (5-8)				8	7	7	7	TRH	TRH	TRH								
2.	Malfunctions after EOP entry (1-2)				3	2	2	2	TRH	TRH	TRH								
3.	Abnormal events (2-4)				4	3	3	3	TRH	TRH	TRH								
4.	Major transients (1-2)				1	1	1	1	TRH	TRH	TRH								
5.	EOPs entered/requiring substantive actions (1-2)				1	2	1	2	TRH	TRH	TRH								
6.	EOP contingencies requiring substantive actions (0-2)				1	2	1	1	TRH	TRH	TRH								
7.	Critical tasks (2-3)				3	2	2	2	TRH	TRH	TRH								

Note: Scenario 1 was designated as the spare

Facility: James A. Fitzpatrick Date of Exam: April 2014 Operating Test No.: 14-1

A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M(*)		
		2			3			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													
RO 1	RX													0*	1	1	0
	NOR			1										1	1	1	1
	I/C			4,5,6,8		4,7						5,6,9		9	4	4	2
	MAJ			7		6						7		3	2	2	1
	TS													0	0	2	2
ISRO 1	RX	2							2					2	1	1	0
	NOR	1					1							2	1	1	1
	I/C	3,4,5,6,8,9					3,4,5,8		3,8					12	4	4	2
	MAJ	7					6		7					3	2	2	1
	TS	3,4												2	0	2	2
ISRO 2	RX		2						2					2	1	1	0
	NOR					1			1					2	1	1	1
	I/C		5,6,9		2,3,4,5,7,8				3,4,5,6,8,9					15	4	4	2
	MAJ		7		6				7					3	2	2	1
	TS				2,3				4,5,6					5	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 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.
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: James A. Fitzpatrick		Date of Exam: April 2014											Operating Test No.: 14-1					
A P P L I C A N T	E V E N T T Y P E	Scenarios													T O T A L	M I N I M U M (*)		
		2			3			4										
		CREW P O S I T I O N			CREW P O S I T I O N			CREW P O S I T I O N			CREW 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				
ISROs 3 & 5	RX	2															1	1
	NOR	1												1	1	1	1	
	I/C	3,4,5 6,8, 9				4,7								8	4	4	2	
	MAJ	7				6								2	2	2	1	
	TS	3,4												2	0	2	2	
ISROs 4 & 6	RX		2											1	1	1	0	
	NOR					1								1	1	1	1	
	I/C		5,6,9			2,3,4 5,7, 8								9	4	4	2	
	MAJ		7			6								2	2	2	1	
	TS					2,3								2	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 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.
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: James A. Fitzpatrick Date of Examination: April 2014 Operating Test No.: 14-1															
Competencies	APPLICANTS														
	RO 1				ISRO 1				ISRO 2			ISROs 3 & 5			
	SCENARIO				SCENARIO				SCENARIO			SCENARIO			
	2	3	4		2	3	4		2	3	4		2	3	
BOP	ATC	BOP		SRO	BOP	ATC		ATC	SRO	SRO		SRO	ATC		
Interpret/Diagnose Events and Conditions	3,4, 5,6, 7,8	4,6, 7	4,5, 6,7, 9		All	2,3, 4,5, 6,8	3,7, 8		5,6, 7,9	All	All		All	4,6, 7	
Comply With and Use Procedures (1)	1,3, 4,5, 6,7, 8	4,6, 7	1, 4,5, 6,7, 9		All	1,2, 3,4, 5,6, 8	2,3, 7,8		2,5, 6,7, 9	All	All		All	4,6, 7	
Operate Control Boards (2)	1,4, 5,6, 7,8	4,6, 7	1, 5,6, 7,9		-	1,3, 4,5, 6,8	2,3, 7,8		2,5, 6,7, 9	-	-		-	4,6, 7	
Communicate and Interact	1,3, 4,5, 6,7, 8	4,6, 7	1,2, 3,4, 5,6, 7,9		All	1,2, 3,4, 5,6, 8	2,3, 7,8		2,5, 6,7, 9	All	All		All	4,6, 7	
Demonstrate Supervisory Ability (3)	-	-	-		All	-	-		-	All	All		All	-	
Comply With and Use Tech. Specs. (3)	-	-	-		3,4	-	-		-	2,3	4,5, 6		3,4	-	

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

Instructions:

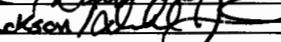
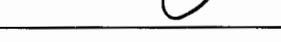
Check the applicants' license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

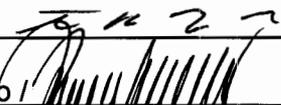
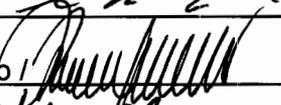
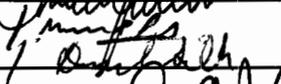
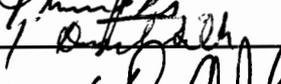
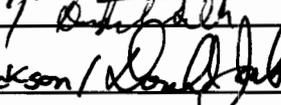
Facility: James A. Fitzpatrick Date of Examination: April 2014 Operating Test No.: 14-1																
Competencies	APPLICANTS															
	ISROs 4 & 6															
	SCENARIO				SCENARIO				SCENARIO				SCENARIO			
	2	3			1	2	3	4	1	2	3	4	1	2	3	4
ATC	SRO															
Interpret/Diagnose Events and Conditions	5,6,7,9	All														
Comply With and Use Procedures (1)	2,5,6,7,9	All														
Operate Control Boards (2)	2,5,6,7,9	-														
Communicate and Interact	2,5,6,7,9	All														
Demonstrate Supervisory Ability (3)	-	All														
Comply With and Use Tech. Specs. (3)	-	2,3														

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: April 2014		Exam Level: RO/SRO			
Item Description				Initial			
				a	b*	c*	
1.	Questions and answers are technically accurate and applicable to the facility.			TRH	Ⓟ	Ⓟ	
2.	a.	NRC K/As are referenced for all questions.		TRH	Ⓟ	Ⓟ	
	b.	Facility learning objectives are referenced as available.					
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401			TRH	Ⓟ	Ⓟ	
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).			TRH	Ⓟ	Ⓟ	
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 checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)			TRH	Ⓟ	Ⓟ	
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	TRH	Ⓟ	Ⓟ
		16% / 0%	7% / 20%	77% / 80%			
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	TRH	Ⓟ	Ⓟ
		43% / 32%		57% / 68%			
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.			TRH	Ⓟ	Ⓟ	
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.			TRH	Ⓟ	Ⓟ	
10.	Question psychometric quality and format meet the guidelines in ES Appendix B.			TRH	Ⓟ	Ⓟ	
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.			TRH	Ⓟ	Ⓟ	
				Printed Name / Signature		Date	
a.	Author	Tom Hooper / 				3/31/14	
b.	Facility Reviewer (*)	Tom Restuccio / 				3/31/14	
c.	NRC Chief Examiner (#)	David Silk / 				4/1/14	
d.	NRC Regional Supervisor	Donald Jackson / 				4/3/14	
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: April 2014		Exam Level: RO & SRO	
Item Description	Initials						
	a	b	c				
1. Clean answer sheets copied before grading	TRH	TR	MP				
2. Answer key changes and question deletions justified and documented	N/A	N/A	MP				
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	TRH	TR	MP				
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	N/A	N/A	MP				
5. All other failing examinations checked to ensure that grades are justified	N/A	N/A	MP				
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	TRH	TR	MP				
Printed Name/Signature		Date					
a. Grader	Tom Hooper / 	4/25/14					
b. Facility Reviewer(*)	Tom Restuccio / 	4-25-14					
c. NRC Chief Examiner (*)	Manan Patel /  David Silk / 	4/28/14 4/28/14					
d. NRC Supervisor (*)	Donald Jackson / 	5/5/14					
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.							