
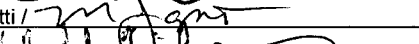




Facility: Susquehanna		Date of Examination: January 2015		
Item	Task Description	Initials		
		a	b*	c#
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model, in accordance with ES-401.	DJA	mJ	DJA
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all K/A categories are appropriately sampled.	DJA	mJ	DJA
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	DJA	mJ	DJA
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	DJA	mJ	DJA
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.	DJA	mJ	TF
	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.	DJA	mJ	TF
	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.	DJA	mJ	TF
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.	DJA	mJ	TF
	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	DJA	mJ	TF
	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.	DJA	mJ	TF
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.	DJA	mJ	TF
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	DJA	mJ	TF
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	DJA	mJ	TF
	d. Check for duplication and overlap among exam sections.	DJA	mJ	TF
	e. Check the entire exam for balance of coverage.	DJA	mJ	TF
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	DJA	mJ	TF
a. Author <u>Robert M. Spadoni</u> 		Date <u>12/18/14</u>		
b. Facility Reviewer (*) <u>Michael L. Jacopetti</u> 		Date <u>12/18/14</u>		
c. NRC Chief Examiner (#) <u>Todd Fisk</u> 		Date <u>1/5/15</u>		
d. NRC Supervisor <u>Donald Jackson</u> 		Date <u>1/6/15</u>		
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines				

LOC 26 NRC RE-TAKE EXAM

1. Pre-Examination

1/19/15 JLA

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/16/15 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

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 2/16/15. 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 SPALONI	SUPERVISOR-EXAM DEV.	<i>Robert Spaloni</i>	10/29/14	<i>Robert Spaloni</i>	1/21/15
2.	RICH BOLDOC	Sim Instructor - Exam Dev	<i>Rich Bolduc</i>	10/29/14	<i>Rich Bolduc</i>	1/21/15
3.	Greg Vanden Berg	Sim Instructor - Exam Dev.	<i>Greg Vanden Berg</i>	10/29/14	<i>Greg Vanden Berg</i>	1/21/15
4.	USK Which	Trng Support Manager	<i>USK Which</i>	11/7/14	<i>USK Which</i>	PER EMAIL 1/21/15
5.	CHAD HOSTRICH	SUPPORT ENGINEER	<i>Chad Hostrich</i>	11/13/14	<i>Chad Hostrich</i>	1/21/15
6.	John Caruso	CONSULTANT	<i>John Caruso</i>	11/25/14	<i>John Caruso</i>	1/21/15
7.	DAVID T. WALSH	CONSULTANT	<i>David T. Walsh</i>	11/25/14	<i>David T. Walsh</i>	1/21/15
8.	Radell Allgaier	ADMIN SUPPORT	<i>Radell Allgaier</i>	11/21/14	<i>Radell Allgaier</i>	1/21/15
9.	Michael Hain	DTC	<i>Michael Hain</i>	12-4-14	<i>Michael Hain</i>	PER EMAIL 1/21/15
10.	Lindsay Zimmermann	Nuclear Plant Spec.	<i>Lindsay Zimmermann</i>	12-4-14	<i>Lindsay Zimmermann</i>	1/21/15
11.	Timothy Ebert	UNIT SUPERVISOR	<i>Timothy Ebert</i>	12-8-14	<i>Timothy Ebert</i>	PER EMAIL 1/21/15
12.	JOSHUA GRAVE	UNIT SUPERVISOR	<i>Joshua Grave</i>	12-8-14	<i>Joshua Grave</i>	PER EMAIL 1/21/15
13.	Matthew R Yeast	Plant Control Operator	<i>Matthew R Yeast</i>	12/12/14	<i>Matthew R Yeast</i>	PER EMAIL 1/21/15
14.	ROBERT PETERSON	UNIT SUPERVISOR	<i>Robert Peterson</i>	12/12/14	<i>Robert Peterson</i>	1/21/15
15.	M. Jacopetti	Unit Supv / Facility Rep	<i>M. Jacopetti</i>	12/15/14	<i>M. Jacopetti</i>	PER EMAIL 1/21/15

NOTES:

LOC 26 NRC RETAKE EXAM

1. Pre-Examination

1/19/15 *[Signature]*

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/16/15 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. <u>TODD M. DEIAK</u>	<u>Plant Control Operator</u>	<i>[Signature]</i>	<u>12/15/14</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
2. <u>MARU S. SIVARAMAN</u>	<u>Unit Supervisor</u>	<i>[Signature]</i>	<u>12/15/14</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
3. <u>VINCE HYDAS</u>	<u>Sim COORDINATOR</u>	<i>[Signature]</i>	<u>12/15/14</u>	<i>[Signature]</i>	<u>1/21/15</u>	
4. <u>JOE STEHLE</u>	<u>PLANT CONTROL OPER</u>	<i>[Signature]</i>	<u>12/16/14</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
5. <u>Scott Myrthel</u>	<u>Unit Supervisor</u>	<i>[Signature]</i>	<u>12/16/14</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
6. <u>TALLION, JAY EUGENE</u>	<u>OTM</u>	<i>[Signature]</i>	<u>1/19/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
7. <u>DURAND ADAMS</u>	<u>LOB SUPERVISOR</u>	<i>[Signature]</i>	<u>1/6/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	
8. <u>BRADLEY SICKLER</u>	<u>IBO SUPERVISOR</u>	<i>[Signature]</i>	<u>1/6/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
9. <u>John Snyder</u>	<u>US</u>	<i>[Signature]</i>	<u>1-8/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
10. <u>Nindy Kestock</u>	<u>Work</u>	<i>[Signature]</i>	<u>1/9/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
11. <u>KENNETH GREEN</u>	<u>PCO</u>	<i>[Signature]</i>	<u>1/15/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
12. <u>Tom Middleton</u>	<u>US</u>	<i>[Signature]</i>	<u>1/16/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
13. <u>Lonnie Crawford</u>	<u>AOM - Training</u>	<i>[Signature]</i>	<u>1/17/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>
14. <u>Pat Chapman</u>	<u>Trng (training)</u>	<i>[Signature]</i>	<u>1/18/15</u>	<i>[Signature]</i>	<u>1/21/15</u>	
15. <u>Louis H. LIZANKA</u>	<u>PCO</u>	<i>[Signature]</i>	<u>1-19-15</u>	<i>[Signature]</i>	<u>1/21/15</u>	<u>PER EMAIL</u>

NOTES:

LOC 26 NRC RETAKE EXAM

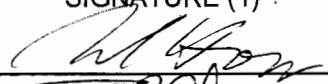

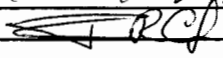
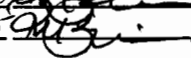
1. Pre-Examination

1/19/15 RA

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/16/15 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

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 2/16/15. 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.	David Hoppe	US		1/19/2015		PER EMAIL 1/21/15
2.	Tom R. Charles Jr	RO		1/19/15		PER EMAIL 1/21/15
3.						
4.						
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NOTES:

1. Pre-Examination

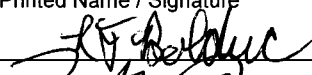
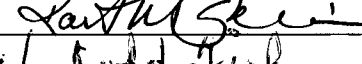

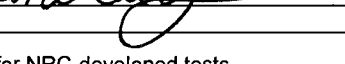
I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 1/19/15 as of the date of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC 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

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 _____. 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.	Tom Heeper	Exam Developer	<i>[Signature]</i>	1/29/14	<i>[Signature]</i>	1/21/15	PER EMAIL
2.							
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NOTES:

Facility: Susquehanna		Date of Examination: January 2015		Operating Test Number: LOC26R	
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).	B	OMA	TF	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	B	OMA	TF	
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	A	OMA	TF	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	A	OMA	TF	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	A	OMA	TF	
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 				TF
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.	A	OMA	TF	
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.			B	OMA	TF
		Printed Name / Signature		Date	
a.	Author	Rich Bolduc /		12/18/2014	
b.	Facility Reviewer(*)	Robert M. Spadoni /		12/18/2014	
c.	NRC Chief Examiner (#)	Todd Figueira /		1/12/15	
d.	NRC Supervisor	DONALD JACOBSON /		1/13/15	
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.					

Facility: Susquehanna				Date of Exam: January 2015				Scenario Numbers: 1 / 2 / 3				Operating Test No.: LOC26R			
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.									B	DMH	TF			
2.	The scenarios consist mostly of related events.									B	DMH	TF			
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) 									B	DMH	TF			
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.									B	DMH	TF			
5.	The events are valid with regard to physics and thermodynamics.									B	DMH	TF			
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.									B	DMH	TF			
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.									B	DMH	TF			
8.	The simulator modeling is not altered.									B	DMH	TF			
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.									B	DMH	TF			
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.									B	DMH	TF			
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).									B	DMH	TF			
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).									B	DMH	TF			
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.									B	DMH	TF			
Target Quantitative Attributes (Per Scenario; See Section D.5.d)					Actual Attributes			--	--	--					
1.	Total malfunctions (5-8)				8	7	8	B	DMH	TF					
2.	Malfunctions after EOP entry (1-2)				3	2	3	B	DMH	TF					
3.	Abnormal events (2-4)				2	3	2	B	DMH	TF					
4.	Major transients (1-2)				2	2	2	B	DMH	TF					
5.	EOPs entered/requiring substantive actions (1-2)				2	2	1	B	DMH	TF					
6.	EOP contingencies requiring substantive actions (0-2)				1	2	0	B	DMH	TF					
7.	Critical tasks (2-3)				2	3	2	B	DMH	TF					

Facility: Susquehanna		Date of Exam: January 2015											Operating Test No.: LOC26R				
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				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				
ISRO 1	RX	1				1								2	1	1	0
	NOR													0*	1	1	1
	I/C	2,3,4,6,7,8				2,3,4,7								10	4	4	2
	MAJ	5,9				5,8								4	2	2	1
	TS	2,3				-								2	0	2	2
	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
	MAJ														2	2	1
	TS														0	2	2
	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 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: Susquehanna		Date of Examination: January 2015				Operating Test No.: LOC26R								
Competencies	APPLICANTS													
	ISRO 1													
	SCENARIO		SCENARIO			SCENARIO			SCENARIO					
	1 SRO	2 ATC												
Interpret/Diagnose Events and Conditions	2,3, 4,5, 6,7, 8,9	2,3, 4,5, 7,8												
Comply With and Use Procedures (1)	All	1,2, 3,4, 5,7, 8												
Operate Control Boards (2)	-	1,2, 3,4, 5,7, 8												
Communicate and Interact	All	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.

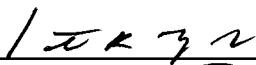
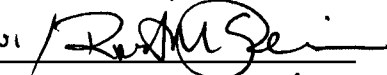
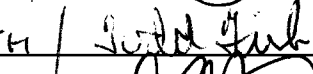
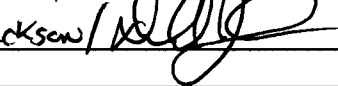
SQ METAKE

ES-401

Written Examination Quality Checklist

Form ES-401-6

Facility: Susquehanna		Date of Exam: January 2015		Exam Level: RO/SRO		
Item Description	Initial					
	a	b*	c#			
1. Questions and answers are technically accurate and applicable to the facility.	MA	MJ	✓			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	MA	MJ	✓			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	MA	MJ	✓			
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).			✓			
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 type="checkbox"/> the audit exam was completed before the license exam was started; or <input checked="" 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)	MA	MJ	✓			
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	MA	MJ	✓
	29 / 13	15 / 5	31 / 7			
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	MA	MJ	✓
	31 / 4		44 / 21			
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	MA	MJ	✓			
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.	MA	MJ	✓			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	MA	MJ	✓			
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.	MA	MJ	✓			
		Printed Name / Signature		Date		
a. Author	Robert M. Spadoni			1/6/15		
b. Facility Reviewer (*)	Michael L. Jacopetti			01/06/15		
c. NRC Chief Examiner (#)	J. DANON			1/5/15		
d. NRC Regional Supervisor	DONALD JACKSON			1/14/15		
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: Susquehanna Units 1 and 2		Date of Exam: 1/19/15		Exam Level: RO & SRO	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	TRH	DWA	TF		
2. Answer key changes and question deletions justified and documented	TRH	DWA	NA		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	TRH	DWA	TF		
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	N/A		
5. All other failing examinations checked to ensure that grades are justified	N/A	N/A	NR		
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	DWA	TF		
Printed Name/Signature		Date			
a. Grader	Tom Hooper / 	1/20/15			
b. Facility Reviewer(*)	ROBERT SPADONI / 	1/21/15			
c. NRC Chief Examiner (*)	TODD FISH / 	1/22/15			
d. NRC Supervisor (*)	Donald Jackson / 	1/22/15			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					