

JPM Retake test only

ES-201

Examination Preparation Checklist

Form ES-201-1

Facility: Millstone Unit 2 Date of Examination: 2/28-3/1/17
 Developed by: ^{NA} Written: Facility NRC // Operating Facility NRC

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>
-150	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	<i>WJ</i>
-150	3. Facility contact briefed on security and other requirements (C.2.c)	<i>WJ</i>
-150	4. Corporate notification letter sent (C.2.d)	<i>WJ</i>
[-120]	5. Reference material due (C.1.e; C.3.c; Attachment 3)	<i>WJ</i>
{-90}	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, ES-401-1/2, ES-401N-1/2, ES-401-3, ES-401N-3, ES-401-4, and ES-401N-4, as applicable (C.1.e and f; C.3.d)	<i>WJ</i>
{-85}	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	<i>WJ</i>
{-60}	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, ES-401N-6, and any Form ES-201-2, ES-201-3, ES-301-1, or ES-301-2 updates), and reference materials due (C.1.e, f, g and h; C.3.d)	<i>WJ</i>
-45	9. Written exam and operating test reviews completed. (C.3.f)	<i>WJ</i>
-30	10. Preliminary license applications (NRC Form 398's) due (C.1.i; C.2.g; ES-202)	<i>WJ</i>
-21	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	<i>WJ</i>
-21	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	<i>WJ</i>
-14	13. Final license applications due and Form ES-201-4 prepared (C.1.i; C.2.i; ES-202)	<i>WJ</i>
-14	14. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	<i>WJ</i>
-7	15. Facility licensee management queried regarding the licensee's views on the examination. (C.2.j)	<i>WJ</i>
-7	16. 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	17. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	<i>NA</i>
-7	18. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	<i>WJ</i>

* 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.

original Outline

ES-201

Examination Outline Quality Checklist

Form ES-201-2

Facility: Millstone Unit 2		Date of Examination: 02/28/2017		
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 or ES-401N.	N/A	N/A	NA
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 or ES-401N and whether all K/A categories are appropriately sampled.	N/A	N/A	N/A
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	N/A	N/A	NA
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	N/A	N/A	N/A
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.	N/A	N/A	N/A
	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.	N/A	N/A	N/A
	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.	N/A	N/A	N/A
3. W A L K T H R O U G H	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.	ML	ML	ML
	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	ML	ML	ML
	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.	ML	ML	ML
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.	ML	ML	ML
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	ML	ML	ML
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	ML	ML	ML
	d. Check for duplication and overlap among exam sections.	N/A	N/A	NA
	e. Check the entire exam for balance of coverage.	N/A	N/A	NA
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	ML	ML	ML
a. Author	Printed Name/Signature Robert L. Cimmino, Jr. / <i>[Signature]</i>		Date 01/11/2017	
b. Facility Reviewer (*)	Michael J. Cote / <i>[Signature]</i>		1/11/17	
c. NRC Chief Examiner (#)	David Silk / <i>[Signature]</i>		1/19/17	
d. NRC Supervisor	DONALD JACOBSON / <i>[Signature]</i>		1/25/17	
Note:	# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines.			

This is a Retake exam for JPMs only - written & simulation items are N/A

Revised Outline

ES-201

Examination Outline Quality Checklist

Form ES-201-2

Facility: Millstone Unit 2		Date of Examination: 02/28/2017		
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 or ES-401N.	N/A	N/A	NA
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 or ES-401N and whether all K/A categories are appropriately sampled.	N/A	N/A	NA
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	N/A	N/A	NA
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	N/A	N/A	NA
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.	N/A	N/A	NA
	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.	N/A	N/A	NA
	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.	N/A	N/A	NA
3. W A L K T H R O U G H	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.	ML	ML	ML
	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	ML	ML	ML
	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.	ML	ML	ML
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.	ML	ML	ML
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	ML	ML	ML
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	ML	ML	ML
	d. Check for duplication and overlap among exam sections.	ML	ML	ML
	e. Check the entire exam for balance of coverage.	ML	ML	ML
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	ML	ML	ML
a. Author <u>Robert L. Cimmino, Jr.</u> / <u>[Signature]</u> b. Facility Reviewer (*) <u>M.J. COE</u> / <u>[Signature]</u> c. NRC Chief Examiner (#) <u>David Silk</u> / <u>[Signature]</u> d. NRC Supervisor <u>Donald Jackson</u> / <u>[Signature]</u>		Date 02/28/2017 2/7/17 2/15/17 2/15/17		
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 02/27/17 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 02/27/17. 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 L. Cimmino, Jr.	Sr. Ops. Ins. / Exam Developer	<i>[Signature]</i>	10/14/16	<i>[Signature]</i>	3/1/17	
2. John W. Riley	Sr. Ops Ins / Exam Developer	<i>[Signature]</i>	12/14/16	<i>[Signature]</i>	3/1/17	
3. Peter S. Fitzgerald	Sr. Ops Ins / Exam Developer	<i>[Signature]</i>	12/14/16	<i>[Signature]</i>	3/2/17	
4. Michael J. Carr	Sr. Ops Ins / Exam Developer	<i>[Signature]</i>	12/15/16	<i>[Signature]</i>	3/2/17	
5. Will Chesnut	SNOC	<i>[Signature]</i>	1-8-17	<i>[Signature]</i>	3-6-17	
6. CRYSTALLE WALSH	SUPT OPS TRAINING	<i>[Signature]</i>	1-9-17	<i>[Signature]</i>	3/6/17	
7. Herbert Searle	Sr. Ops Inst / LORP	<i>[Signature]</i>	1-4-17	<i>[Signature]</i>	3/3/17	
8. Christine Cabral	Training Administrator /	<i>[Signature]</i>	1-5-17	<i>[Signature]</i>	3/2/17	
9. Shane Leroux	Sr. Eng. / HP	<i>[Signature]</i>	1/11/17	<i>[Signature]</i>	3/15/17	
10. TOM HESTER	US OPS / VALIDATOR	<i>[Signature]</i>	1/12/17	<i>[Signature]</i>	3/13/17	
11. Matthew Macintosh	RO / VALIDATOR	<i>[Signature]</i>	1/12/17	<i>[Signature]</i>	3/2/17	
12. Anne Chapman	RO / VALIDATOR	<i>[Signature]</i>	1/12/17	<i>[Signature]</i>	3/3/17	
13. KURT BOSTA	FACILITIES	<i>[Signature]</i>	1/22/17	<i>[Signature]</i>	3/2/17	
14. CHA-HSIANG TAN	SEE / SW Engineer	<i>[Signature]</i>	1-17-2017	<i>[Signature]</i>	2/21/17	
15. MARC PUCKEL	TRAINING INSTR.	<i>[Signature]</i>	2/1/17	<i>[Signature]</i>	2/1/17	
16. Cecilia Lins-Morsholt	Facilities	<i>[Signature]</i>	02/21/2017	<i>[Signature]</i>	03/01/17	
17. CHARLES DUKAN	SRO / VALIDATOR	<i>[Signature]</i>	2/27/2017	<i>[Signature]</i>	3-10-17	
18. JASON H. BROWN	SHIFT MANAGER	<i>[Signature]</i>	2/27/2017	<i>[Signature]</i>	3-10-17	
19. John W. Hampton	NSOC	<i>[Signature]</i>	2/25/2017	<i>[Signature]</i>	3/2/17	
20. MARC PUCKEL	TRAINING INSTR.	<i>[Signature]</i>	2/28/17	<i>[Signature]</i>	03/02/17	

Facility: Millstone Unit 2		Date of Examination: 02/28/2017		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).	MLC	mpc	WJ	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	MLC	mpc	WJ	
c.	The operating test shall not duplicate items from the applicants' audit test(s). (see Section D.1.a.)	MLC	mpc	WJ	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	MLC	mpc	WJ	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	MLC	mpc	WJ	
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 	MLC	mpc	WJ	
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.	MLC	mpc	WJ	
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.		N/A	N/A	N/A	
	Printed Name / Signature	Date			
a.	Author <u>Robert L. Cimmino, Jr. / [Signature]</u>	<u>02/02/2017</u>			
b.	Facility Reviewer(*) <u>M.J. COTE / [Signature]</u>	<u>2/7/17</u>			
c.	NRC Chief Examiner (#) <u>David Silk / [Signature]</u>	<u>2/15/17</u>			
d.	NRC Supervisor <u>Donald Jackson / [Signature]</u>	<u>2/15/17</u>			
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.					