

Facility: <u>IP3</u>		Date of Examination: <u>6/13/2018</u>
Developed by: Written: Facility <input checked="" type="checkbox"/> NRC <input type="checkbox"/> // Operating <input checked="" type="checkbox"/> Facility <input type="checkbox"/> NRC <input type="checkbox"/>		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
-240	1. Examination administration date confirmed (C.1.a; C.2.a-b). For NRC-prepared exams, arrangements are made for the facility to submit reference materials (C.1.e; C.3.c; Attachment 3).	TF
-210	2. NRC examiners and facility contact assigned (C.1.d; C.2.f).	TF
-210	3. Facility contact briefed on security and other requirements (C.2.c). As applicable, the facility contact submits to the NRC any prescreened K/As for elimination from the written examination outline, with a description of the facility's prescreening process (ES-401, D.1.b).	TF
-210	4. Reference material due for NRC-prepared exams (C.1.e; C.3.c; Attachment 3).	NA
-210	5. Corporate notification letter sent (C.2.e).	TF
-195	6. NRC-developed written examination outline (ES-401-1/2 or ES-401N-1/2 and ES-401-3 or ES-401N-3) sent to facility contact (must be on the exam security agreement) (C.1.e-f; C.2.h; C.3.d-e).	NA
-150	7. Operating test outline(s) and other checklists due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, and ES-D-1, as applicable (C.1.e-f; C.3.d-e).	NA
-136	8. Operating test outline(s) reviewed by the NRC and feedback provided to facility licensee (C.2.h; C.3.d-e).	NA
-75	9. Proposed examinations (written, JPMs, and scenarios, as applicable) and outlines (Forms ES-301-1, ES-301-2, ES-D-1, ES-401-1/2 or ES-401N-1/2, and ES-401-3 or ES-401N-3); supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, ES-401-6, ES-401N-6, and any Form ES-201-2 and ES-201-3 updates); and reference materials due (C.1.e-h; C.3.d).	TF
-75	10. Examinations prepared by the NRC are approved by the NRC supervisor and forwarded for facility licensee review (C.1.i; C.2.h; C.3.f-g).	NA
-60	11. Preliminary waiver/excusal requests due (C.1.m; C.2.c; ES-202).	TF
-50	12. Written exam and operating test reviews completed (C.3.f).	TF
-35	13. Examination review results discussed between the NRC and facility licensee (C.1.i; C.1.k-l; C.2.h; C.3.g). The NRC and the facility licensee conduct exam preparatory week.	TF
-30	14. Preliminary license applications and waiver/excusal requests, as applicable (NRC Form 398) due (C.1.m; C.2.i; ES-202).	TF
-14	15. Final license applications and waiver/excusal requests, as applicable (NRC Form 398), due and Form ES-201-4 prepared (C.1.m; C.2.k; ES-202).	TF
-7	16. Written examinations and operating tests approved by the NRC supervisor (C.2.j-k; C.3.h).	TF
-7	17. Request facility licensee management feedback on the examination (C.2.l).	TF
-7	18. Final applications reviewed; one or two (if more than 10) applications audited to confirm qualifications/eligibility; and examination approval and waiver/excusal letters sent (C.2.k; Attachment 5; ES-202, C.3.j; ES-204).	TF
-7	19. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k).	TF
-7	20. Approved scenarios and job performance measures distributed to NRC examiners (C.3.i).	NA

* Target dates are based on facility-prepared examinations and the examination date identified in the corporate notification letter. These dates are for planning purposes and may be adjusted on a case-by-case basis in coordination with the facility licensee.

Facility: Indian Point Unit 3		Date of Examination: June 13, 2018		
Item	Task Description	Initials		
		a	b*	c**
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.	DMF	DJR	TF
	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.	DMF	DJR	TF
	c. Assess whether the outline overemphasizes any systems, evolutions, or generic topics.	DMF	DJR	TF
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	DMF	DJR	TF
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.	NA	NA	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.	NA	NA	NA
	c. To the extent possible, assess whether the outline(s) conforms with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D and in Section D.5, "Specific Instructions for the 'Simulator Operating Test,'" of ES-301 (including overlap).	NA	NA	NA
W A L K T H R O U G H	a. Verify that the systems walkthrough outline meets the criteria specified on Form ES-301-2: (1) The outline(s) contains 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 applicant's 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 radiologically controlled area tasks meets the criteria on the form.	NA	NA	NA
	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.	NA	NA	NA
	c. Determine whether there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	NA	NA	NA
G E N E R A L	a. Assess whether plant-specific priorities (including probabilistic risk assessment and individual plant examination insights) are covered in the appropriate exam sections.	DMF	DJR	TF
	b. Assess whether the 10 CFR 55.41, 55.43, and 55.45 sampling is appropriate.	DMF	DJR	TF
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	DMF	DJR	TF
	d. Check for duplication and overlap among exam sections and the last two NRC exams.	DMF	DJR	TF
	e. Check the entire exam for balance of coverage.	DMF	DJR	TF
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	DMF	DJR	TF
a. Author <u>Tim Jenkins</u> b. Facility Reviewer (*) <u>David J. Schepperly</u> c. NRC Chief Examiner (#) <u>TODD FISH</u> d. NRC Supervisor <u>David Jackson</u>		Printed Name/Signature Date <u>25 APRIL 18</u> <u>30 April 18</u> <u>5/1/2018</u> <u>5/3/18</u>		
* Not applicable for NRC-prepared examination outlines. # The independent NRC reviewer initials items in column "c"; the chief examiner's concurrence is required.				

Facility: **IPEC Unit 3**Date of Exam: **7/3/2018**

Exam Level:

RO



SRO



Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	GMF	DJS	TF
2. Proposed answer key changes and question deletions justified and documented (facility reviewer initials not required (N/R) if NO post-examination comments are submitted)	GMF	N/A	NA
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	GMF	DJS	TF
4. Grading for all borderline cases (80% \pm 2% overall and 70% or 80%, as applicable, \pm 4% on the SRO-only exam) reviewed in detail	GMF	DJS	TF
5. All other failing examinations checked to ensure that grades are justified	NA	N/A	NA
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by one-half or more of the applicants	GMF	DJS	TF

	Printed Name/Signature	Date
a. Grader	Tim Jenkins <i>Tim Jenkins</i>	7/5/18
b. Facility Reviewer(*)	David J. Schepperly <i>David J. Schepperly</i>	7/5/18
c. NRC Chief Examiner (*)	Todd Fish <i>Todd Fish</i>	7/12/18
d. NRC Supervisor (*)	Donald Jackson <i>Donald Jackson</i>	7/25/18

(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of June 11, 2018 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's 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's 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 July 2, 2018. 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. Gerald Gaudin	Exam Developer	<i>Gerald Gaudin</i>	2-8-18	Per email Tim Jenkins	7/9/18	
2. Tim Jenkins	Exam Development Lead	<i>Tim Jenkins</i>	2-8-18	<i>Tim Jenkins</i>	7/9/18	
3. David S. Schepperly	SRO-Active/NRC Facility Reviewer	<i>David S. Schepperly</i>	3-8-18	<i>David S. Schepperly</i>	7/3/18	
4. Tim Gnauch	SRO-Active/OPS Reviewer	<i>Tim Gnauch</i>	3/16/18	Per email Tim Jenkins	7/10/18	
5. Johane Bridges	SRO-Active/OPS Validator	<i>Johane Bridges</i>	4/9/18	<i>Johane Bridges</i>	7/3/18	
6. Chris Hrov	RO-Active/OPS Validator	<i>Chris Hrov</i>	4-9-18	<i>Chris Hrov</i>	7-3-18	
7. Bob Scott	Instructor	<i>Bob Scott</i>	4/16/2018	<i>Bob Scott</i>	02/02/2018	
8. Tom OGBER	EXAM VALIDATOR	<i>Tom OGBER</i>	4/16/18	Per email Tim Jenkins	7/7/18	
9. Ron Gores	EXAM VALIDATOR	<i>Ron Gores</i>	4/16/18	<i>Ron Gores</i>	7/6/18	
10. Matt Johnson	OPS MANAGEMENT	<i>Matt Johnson</i>	4/18/18	Per email Tim Jenkins	7/9/18	
11. RICHARD MACHADO	SRO-ACTIVE TOPS Reviewer	<i>Richard Machado</i>	4/23/18	Per email Tim Jenkins	7/10/18	
12. JIM McELROY	RO-ACTIVE / VALIDATOR	<i>Jim McElroy</i>	4/23/18	<i>Jim McElroy</i>	7/12/18	
13. MIKE WEEDEN	SRO-ACTIVE / VALIDATOR	<i>Mike Weeden</i>	6/10/18	<i>Mike Weeden</i>	7/7/18	
14. Mike Fritz	RO-Active/Validator	<i>Mike Fritz</i>	6/12/18	Per email Tim Jenkins	7/9/18	
15. Kevin Brooks	SRO-ACTIVE/validator	<i>Kevin Brooks</i>	6/13/18	<i>Kevin Brooks</i>	7/9/18	

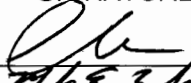


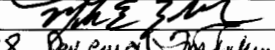

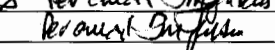


NOTES: emails for sign off not included per Chief Examiner

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examinations scheduled for the week(s) of June 25-28, 2018 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's 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's 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>CHARLIE KOCIS</u>	<u>OPS TRAINING SUPT.</u>		<u>6/21/18</u>		<u>7/9/18</u>	
2. <u>MARK LAUBACH</u>	<u>RO</u>		<u>6-26-18</u>		<u>7-2-18</u>	
3. <u>SEAN SCOLLIN</u>	<u>Shift Manager</u>		<u>6-26-18</u>		<u>7/10/18</u>	
4. <u>FATRI IBRAHIMI</u>	<u>SRO</u>		<u>6-26-18</u>		<u>7/10/18</u>	
5. <u>MARK LAUBACH</u>						
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