

ES-201**Examination Preparation Checklist****Form ES-201-1**

Facility: <u>Turkey Point</u>		Date of Examination: <u>February 22, 2021</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
-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).	DD
-210	2. NRC examiners and facility contact assigned (C.1.d; C.2.f).	DD
-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).	DD
-210	4. Reference material due for NRC-prepared exams (C.1.e; C.3.c; Attachment 3).	DD
-210	5. Corporate notification letter sent (C.2.e).	DD
-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).	DD
-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).	DD
-136	8. Operating test outline(s) reviewed by the NRC and feedback provided to facility licensee (C.2.h; C.3.d-e).	DD
-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). Exam moved to week of 29 March due to pandemic illness delays.	DD
-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).	DD
-50	12. Written exam and operating test reviews completed (C.3.f).	DD
-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.	DD
-30	14. Preliminary license applications and waiver/excusal requests, as applicable (NRC Form 398) due (C.1.m; C.2.i; ES-202).	DD
-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).	DD
-7	16. Written examinations and operating tests approved by the NRC supervisor (C.2.j-k; C.3.h).	DD
-7	17. Request facility licensee management feedback on the examination (C.2.l).	DD
-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).	DD
-7	19. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k).	DD
-7	20. Approved scenarios and job performance measures distributed to NRC examiners (C.3.i).	DD
* 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.		

ES-201

Examination Outline Quality Checklist

Form ES-201-2

Facility: Turkey Point (PTN)		Date of Examination: 02/22/21		
Item	Task Description	Initials		
		a	b*	c**
1. WRITTEN	a. Verify that the outline(s) fit(s) the appropriate model in accordance with ES-401 or ES-401N.	WJ	J	DD
	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.	WJ	J	DD
	c. Assess whether the outline overemphasizes any systems, evolutions, or generic topics.	WJ	J	DD
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	WJ	J	DD
2. SIMULATOR	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.	WJ	J	DD
	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.	WJ	J	DD
	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).	WJ	J	DD
3. WALKTHROUGH	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.	WJ	J	DD
	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.	WJ	J	DD
	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.	WJ	J	DD
4. GENERAL	a. Assess whether plant-specific priorities (including probabilistic risk assessment and individual plant examination insights) are covered in the appropriate exam sections.	WJ	J	DD
	b. Assess whether the 10 CFR 55.41, 55.43, and 55.45 sampling is appropriate.	WJ	J	DD
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	WJ	J	DD
	d. Check for duplication and overlap among exam sections and the last two NRC exams.	WJ	J	DD
	e. Check the entire exam for balance of coverage.	WJ	J	DD
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	WJ	J	DD
Printed Name/Signature a. Author <u>MICHAEL MULL</u> b. Facility Reviewer (*) <u>Vasquez</u> c. NRC Chief Examiner (#) <u>David E. Dumbacher</u> d. NRC Supervisor <u>Gerald J. McCoy</u>		Date <u>02/24/20</u> <u>02/29/20</u> Digitally signed by David E. Dumbacher Date: 2020.10.09 08:32:26 -04'00' Digitally signed by Gerald J. McCoy Date: 2020.10.09 09:03:58 -04'00'		

* Not applicable for NRC-prepared examination outlines.
 # The independent NRC reviewer initials items in column "c"; the chief examiner's concurrence is required.

MASTER SECURITY AGREEMENT

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The Master Security Agreement is used for those personnel having both knowledge of and unrestricted access to Exam Sensitive Material.










1. Pre-Examination (Review TR-AA-220-1002, Attachment 1 for pre-job briefing requirements)

I acknowledge that I have acquired specialized knowledge about the L21 NRC Exam scheduled for the date(s) of 02/22/21-03/05/21 as of the date of my signature. I agree that I will not knowingly divulge any information about this examination to any persons who have not been authorized by the Exam Project Manager. I understand that I am not to instruct or provide performance feedback to those individuals scheduled to be administered this examination from this date until completion of examination administration. I also understand that I am not to evaluate individuals scheduled to be administered this examination from this date until the date of administration. Acting as a simulator booth operator or communicator is acceptable if I do not select the training content or provide direct or indirect feedback to an examinee. Furthermore, I am aware of the physical security measures and requirements (as documented in procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examination and/or an enforcement action against my facility or me. I will immediately report to the Exam Project Manager any indications or suggestions that examination security may have been compromised.

Furthermore, I agree to NOT discuss any aspects associated with the contents of this examination with ANY examinee until completion of their examination administration. I further understand that violation of the conditions of this agreement may result in cancellation of the examination and/or enforcement action against the facility licensee or me.








































2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the examination administered during the date(s) of 02/22/21-03/05/21. From the date that I entered into this security agreement until completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those individuals who were administered this examination.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Miklausich, Val	Exam Project Manager	On-File	04/16/20		04/09/21	N/A
2. Hodge, Tim	Exam Developer	On-File	04/16/20		4/9/21	N/A
3. Socias, Enrique	Exam Developer	On-File	04/16/20		4/9/21	N/A
4. JOSEPH S. MCKEE	Exam Developer		8/7/20		11/9/21	N/A
5. JOSE A VASQUEZ	EP05 / SM / SLO		8/23/20		4/19/21	N/A
6. Adrian Gonzalez	EP05 / SM		10/12/20		4/12/21	N/A




























MASTER SECURITY AGREEMENT

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
7. <u>Jesse Enrigle</u>	<u>RCO</u>		<u>10/12/20</u>		<u>4/12/21</u>	<u>N/A</u>
8. <u>JAMES GRANT</u>	<u>SRO</u>		<u>10/12/20</u>	<u>SEE NOTE (1)</u>	<u>4/12/21</u>	<u>(1)</u>
9. <u>Charles Doty</u>	<u>SRO</u>		<u>10/12/20</u>		<u>4/12/21</u>	<u>N/A</u>
10. <u>Mark Formoso</u>	<u>SRO</u>		<u>10/12/20</u>		<u>4/12/21</u>	<u>N/A</u>
11. <u>Leontina Salsado</u>	<u>RCO</u>		<u>10/14/20</u>		<u>4/22/21</u>	<u>N/A</u>
12. <u>Vincenzo Wood</u>	<u>SRO</u>		<u>10/14/20</u>		<u>5/18/21</u>	<u>N/A</u>
13. <u>Bill Buska</u>	<u>1st</u>		<u>10/15/20</u>		<u>4/19/21</u>	<u>N/A</u>
14. <u>FRANK LEON</u>	<u>SIM. ENGR.</u>		<u>10-16-20</u>		<u>4/21/21</u>	<u>N/A</u>
15. <u>Tim Coatsch</u>	<u>Tra Exam Writer</u>		<u>10/21/20</u>		<u>4/20/21</u>	<u>N/A</u>
16. <u>Jeffrey A. Hunter</u>	<u>Fleet review</u>		<u>10/5/20</u>		<u>4/20/21</u>	<u>N/A</u>
17. <u>Jay Van Huzen</u>	<u>SRO</u>		<u>10-25-20</u>		<u>5-3-21</u>	<u>N/A</u>
18. <u>Patrick Dulaney</u>	<u>RCO</u>		<u>10/23/20</u>		<u>4/21/21</u>	<u>N/A</u>
19. <u>Eric Gonzalez</u>	<u>Sim Eng</u>		<u>10/27/20</u>		<u>4/19/21</u>	<u>N/A</u>
20. <u>Hunter Lausted</u>	<u>SRO</u>		<u>10/28/20</u>		<u>4/12/21</u>	<u>N/A</u>
21. <u>Cooper Duffy</u>	<u>SRO</u>		<u>10/29/20</u>		<u>4/12/21</u>	<u>N/A</u>
22. <u>Jack Gack</u>	<u>RCO</u>		<u>4/19/20</u>		<u>4/9/21</u>	<u>N/A</u>
23. <u>AD Hounker</u>	<u>SRO</u>		<u>11-19-20</u>		<u>4-21-21</u>	<u>N/A</u>
24. <u>Adam Abrams</u>	<u>SRO</u>		<u>11/10/20</u>		<u>04/12/21</u>	<u>N/A</u>
25. <u>Mike Patel</u>	<u>RCO</u>		<u>4/19/20</u>		<u>4-27-21</u>	<u>N/A</u>
26. <u>Ken Dar</u>	<u>SRO</u>		<u>12-1-20</u>		<u>4-22-21</u>	<u>N/A</u>

MASTER SECURITY AGREEMENT

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
27.	Paul E. Pastoris	RCO		12-3-2020		4-12-2021	N/A
28.	Juan Capera	SRO		12-3-20		4-27-21	N/A
29.	DAVID MACKENENZIE	RCO		12/3/20		4-27/21	N/A
30.	Greg W. Boroff	SEO		12/7/20		4/26/21	N/A
31.	MICHAEL COEN	SM		12/7/20		4/12/21	N/A
32.	Art Alvarez	SRO		01/11/21 12/11/20		4/19/21	N/A
33.	Michael Torbert	RCO	M. Torbert	1/11/21		5/3/21	N/A
34.	GEORGE MORRISON	SMITHTON		1/11/21		4/19/20	N/A
35.	JAMES JACKSON	SOO		1/13/21		4/15/21	N/A
36.	Chas Turner	SEO		1/14/21		4/26/21	N/A
37.	DAVE KUHLE	INSTRUCTOR		3/29/21	ON FILE (EMAIL)	04/20/21	N/A
38.	Keshi Deller	Instructor		3/29/21		4/9/21	N/A
39.	Dandre Lussier	INSTRUCTOR		3/29/21		4/13/21	N/A
40.	LEE TSCHAGRE	INSTRUCTOR		3/29/21		4/12/21	N/A
41.	Ted Snider	INSTRUCTOR		3/29/21	ON FILE (EMAIL)	04/20/21	N/A
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MASTER SECURITY AGREEMENT
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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
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MASTER SECURITY AGREEMENT
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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
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MASTER SECURITY AGREEMENT

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
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NOTES:

① James Grant is no longer with the company. Unable to reach.



MASTER SECURITY AGREEMENT

(Remote Signature Page)

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1. Pre-Examination (Review TR-AA-220-1002, Attachment 1 for pre-job briefing requirements)

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Furthermore, I agree to **NOT** discuss any aspects associated with the contents of this examination with ANY examinee until completion of their examination administration. I further understand that violation of the conditions of this agreement may result in cancellation of the examination and/or enforcement action against the facility licensee or me.

2. Post-Examination

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	<u>Jeffrey A Hings</u>	<u>First Review</u>	<u>[Signature]</u>	<u>5/02/20</u>	<u>[Signature]</u>	<u>4/20/21</u>	<u>N/A</u>
2.							
3.							
4.							
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6.							

L21 NRC EXAM



MASTER SECURITY AGREEMENT

(Remote Signature Page)

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	<u>Tina Bosch</u>	<u>TVA Watts Bar Exam Writer</u>	<u>[Signature]</u>	<u>10/21/20</u>	<u>on file (email)</u>	<u>5/10/21</u>	<u>N/A</u>
2.	_____	_____	_____	_____	_____	_____	_____
3.	_____	_____	_____	_____	_____	_____	_____
4.	_____	_____	_____	_____	_____	_____	_____
5.	_____	_____	_____	_____	_____	_____	_____
6.	_____	_____	_____	_____	_____	_____	_____

L21 NRC EXAM

Socias, Enrique

From: Gabosch, Timothy Jon <tjgabosch@tva.gov>
Sent: Tuesday, April 20, 2021 7:35 AM
To: Socias, Enrique
Subject: RE: Peer Review

Caution - External Email (tjgabosch@tva.gov)

[Report this Email](#)

[Quick response](#)

[Emergency response](#)

[Tips](#)

Good morning Enrique,

Congratulations on your successful exam!

Please sign me off of exam security per email. I'm still working from home and I do not have the capability to print, sign, and scan from home. If you would prefer to wait and have me physically sign the Examination Security Form, I will be in the office next Thursday.

I, Tim Gabosch, to the best of my knowledge, did not divulge to any unauthorized persons any information concerning the examination administered during the dates of 2/22/21 to 3/5/21. From the date that I entered into this security agreement until completion of the examination administration, I did not instruct, evaluate, or provide performance feedback to those individual who were administered this examination.

Thank you,

Tim Gabosch

Operations Training Instructor
Watts Bar Nuclear Plant
tjgabosch@tva.gov
423-365-3517

From: Socias, Enrique <Enrique.Socias@fpl.com>
Sent: Monday, April 19, 2021 1:08 PM
To: Joplin, Russell Wayne <rwjoplin@tva.gov>
Cc: Miklausich, Val <Val.Miklausich@fpl.com>; Gabosch, Timothy Jon <tjgabosch@tva.gov>
Subject: RE: Peer Review

This is an EXTERNAL EMAIL from outside TVA. THINK BEFORE you CLICK links or OPEN attachments. If suspicious, please click the "Report Phishing" button located on the Outlook Toolbar at the top of your screen.

Tim and Russel,

We had a successful Initial Examination! We really appreciate your support during this process, it was a pleasure working with Tim. Tim, attached you will find the security agreement please sign off on signature number 2 and send back to us.

Regards,
Enrique Socias

Hodge, Timothy

From: Dave Kuhl <kuhldave2@gmail.com>
Sent: Tuesday, April 20, 2021 11:26 AM
To: Hodge, Timothy
Subject: Re: L21 NRC Exam security signoff

Caution - External Email (kuhldave2@gmail.com)

Report this Email

Quick response

Emergency response

Tips

ACKNOWLEDGE

Sent from my iPhone

On Apr 20, 2021, at 9:33 AM, Hodge, Timothy <Timothy.Hodge@fpl.com> wrote:

Review the security agreement below, #2 refers to the signoff acknowledgement.

Reply "acknowledge" to indicate that you acknowledge #2 and are signing off L21 NRC Exam security agreement.

The Master Security Agreement is used for those personnel having both knowledge of and unrestricted access to Exam Sensitive Material.

1. Pre-Examination (Review TR-AA-220-1002, Attachment 1 for pre-job briefing requirements)

I acknowledge that I have acquired specialized knowledge about the **L21 NRC Exam** scheduled for the date(s) of **03/29/21-04/08/21** as of the date of my signature. I agree that I will not knowingly divulge any information about this examination to any persons who have not been authorized by the Exam Project Manager. I understand that I am not to instruct or provide performance feedback to those individuals scheduled to be administered this examination from this date until completion of examination administration. I also understand that I am not to evaluate individuals scheduled to be administered this examination from this date until the date of administration. Acting as a simulator booth operator or communicator is acceptable if I do not select the training content or provide direct or indirect feedback to an examinee. Furthermore, I am aware of the physical security measures and requirements (as documented in procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examination and/or an enforcement action against my facility or me. I will immediately report to the Exam Project Manager any indications or suggestions that examination security may have been compromised.

Furthermore, I agree to **NOT** discuss any aspects associated with the contents of this examination with **ANY** examinee until completion of their examination administration. I further understand that violation of the conditions of this agreement may result in

cancellation of the examination and/or enforcement action against the facility licensee or me.

2. Post-Examination

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the examination administered during the date(s) of 03/29/21-04/08/21. From the date that I entered into this security agreement until completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those individuals who were administered this examination.

Tim Hodge
Operations Training Instructor
305-246-7310
<image003.jpg>

Hodge, Timothy

From: Teal Snider decoboatcharters <decoboatcharters@aol.com>
Sent: Thursday, April 22, 2021 6:39 PM
To: Hodge, Timothy
Subject: RE: L21 NRC Exam security signoff

Caution - External Email (decoboatcharters@aol.com)

[Report this Email](#)

[Quick response](#)

[Emergency response](#)

[Tips](#)

Acknowledged.

Sent from my T-Mobile 5G Device

----- Original message -----

From: "Hodge, Timothy" <Timothy.Hodge@fpl.com>
Date: 4/20/21 9:33 AM (GMT-05:00)
To: "Miklausich, Val" <Val.Miklausich@fpl.com>
Subject: L21 NRC Exam security signoff

Review the security agreement below, #2 refers to the signoff acknowledgement.

Reply "acknowledge" to indicate that you acknowledge #2 and are signing off L21 NRC Exam security agreement.

The Master Security Agreement is used for those personnel having both knowledge of and unrestricted access to Exam Sensitive Material.

1. Pre-Examination (Review TR-AA-220-1002, Attachment 1 for pre-job briefing requirements)

I acknowledge that I have acquired specialized knowledge about the **L21 NRC Exam** scheduled for the date(s) of **03/29/21-04/08/21** as of the date of my signature. I agree that I will not knowingly divulge any

information about this examination to any persons who have not been authorized by the Exam Project Manager. I understand that I am not to instruct or provide performance feedback to those individuals scheduled to be administered this examination from this date until completion of examination administration. I also understand that I am not to evaluate individuals scheduled to be administered this examination from this date until the date of administration. Acting as a simulator booth operator or communicator is acceptable if I do not select the training content or provide direct or indirect feedback to an examinee. Furthermore, I am aware of the physical security measures and requirements (as documented in procedures) and understand that violation of the conditions of this agreement may result in cancellation of the examination and/or an enforcement action against my facility or me. I will immediately report to the Exam Project Manager any indications or suggestions that examination security may have been compromised.

Furthermore, I agree to **NOT** discuss any aspects associated with the contents of this examination with **ANY** examinee until completion of their examination administration. I further understand that violation of the conditions of this agreement may result in cancellation of the examination and/or enforcement action against the facility licensee or me.

2. **Post-Examination**

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the examination administered during the date(s) of **03/29/21-04/08/21**. From the date that I entered into this security agreement until completion of examination administration, I did not instruct, evaluate, or provide performance feedback to those individuals who were administered this examination.

Tim Hodge

Operations Training Instructor

305-246-7310



ES-301

Operating Test Quality Checklist

Form ES-301-3

Facility: Turkey Point		Date of Examination: 03/29/21		Operating Test Number: 2021-301	
1. General Criteria		Initials			
		a	b*	c#	
a.	The operating test conforms to the previously approved outline; changes are consistent with sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution).	✓	J	DD	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	✓	J	DD	
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a.).	✓	J	DD	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	✓	J	DD	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	✓	J	DD	
2. Walkthrough 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 	✓	J	DD	
b.	Ensure that any changes from the previously approved systems and administrative walkthrough outlines (Forms ES-301-1 and ES-301-2) have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last two NRC examinations) specified on those forms and Form ES-201-2.	✓	J	DD	
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.		✓	J	DD	
<div style="display: flex; justify-content: space-between;"> <div> <p>Printed Name/Signature</p> <p>a. Author <u>MICHAUSICH</u></p> <p>b. Facility Reviewer (*) <u>Jose A. Vasquez</u></p> <p>c. NRC Chief Examiner (#) <u>David E. Dumbacher</u></p> <p>d. NRC Supervisor <u>Gerald J. McCoy</u></p> </div> <div> <p>Date</p> <p><u>12/04/20</u></p> <p><u>12/4/2020</u></p> </div> </div>					
<p>* The facility licensee signature is not applicable for NRC-developed tests.</p> <p># The independent NRC reviewer initials items in column "c"; the chief examiner concurrence is required.</p>					

ES-301

Simulator Scenario Quality Checklist

Form ES-301-4

Facility: <u>Turkey Point Units 3 & 4</u>		Date of Exam: <u>3/29/2021</u>		
Scenario Numbers: <u>N1 / N2 / N3 / N4</u>		Operating Test No.: <u>2021-301</u>		
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.	<u>✓</u>	<u>✓</u>	DD
2.	The scenarios consist mostly of related events.	<u>✓</u>	<u>✓</u>	DD
3.	Each event description consists of the following: <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) or conditions 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) 	<u>✓</u>	<u>✓</u>	DD
4.	The events are valid with regard to physics and thermodynamics.	<u>✓</u>	<u>✓</u>	DD
5.	Sequencing and timing of events is reasonable and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	<u>✓</u>	<u>✓</u>	DD
6.	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.	<u>✓</u>	<u>✓</u>	DD
7.	The simulator modeling is not altered.	<u>✓</u>	<u>✓</u>	DD
8.	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.	<u>✓</u>	<u>✓</u>	DD
9.	Scenarios are new or significantly modified in accordance with Section D.5 of ES-301.	<u>✓</u>	<u>✓</u>	DD
10.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	<u>✓</u>	<u>✓</u>	DD
11.	The scenario set provides the opportunity for each applicant to be evaluated in each of the applicable rating factors. (Competency rating factors as described on Forms ES-303-1 and ES-303-3.)	<u>✓</u>	<u>✓</u>	DD
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).	<u>✓</u>	<u>✓</u>	DD
13.	Applicants are evaluated on a similar number of preidentified critical tasks across scenarios, when possible.	<u>✓</u>	<u>✓</u>	DD
14.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<u>✓</u>	<u>✓</u>	DD
Target Quantitative Attributes per Scenario (See Section D.5.d)		Actual Attributes		
1.	Malfunctions after EOP entry (1-2)	1 / 2 / 1 / 2	<u>✓</u>	<u>✓</u>
2.	Abnormal events (2-4)	4 / 4 / 4 / 4	<u>✓</u>	<u>✓</u>
3.	Major transients (1-2)	1 / 1 / 1 / 1	<u>✓</u>	<u>✓</u>
4.	EOPs entered/requiring substantive actions (1-2)	2 / 3 / 2 / 1	<u>✓</u>	<u>✓</u>
5.	Entry into a contingency EOP with substantive actions (≥ 1 per scenario set)	1 / 1 / 1 / 1	<u>✓</u>	<u>✓</u>
6.	Preidentified critical tasks (≥ 2)	2 / 2 / 3 / 2	<u>✓</u>	<u>✓</u>
<p>* The facility licensee signature is not applicable for NRC-developed tests.</p> <p># An independent NRC reviewer initials items in column "c"; chief examiner concurrence is required.</p>				

ES-301

Transient and Event Checklist

Form ES-301-5

Facility: Turkey Point (PTN)			Date of Exam: 3/29/21			Operating Test No.: 2021-301												
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 (*)			
		N1			N2			N3 (spare)			N4							
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P					
																R	I	U
RO-1	RX		1												1	1		
	NOR						4								1	1		
	I/C		2,5				2,3								4	4		
	MAJ		6				6								2	2		
	TS														0	0		
RO-2	RX		1												1	1		
	NOR						4								1	1		
	I/C		2,5				2,3								4	4		
	MAJ		6				6								2	2		
	TS														0	0		
RO-3	RX											5			1	1		
	NOR			1											1	1		
	I/C			3,4								3,4			4	4		
	MAJ			6								6			2	2		
	TS														0	0		
	RX																	
	NOR																	
	I/C																	
	MAJ																	
	TS																	
SROI-1	RX	1				4									2		1	
	NOR	*2													1		1	
	I/C	3,4,5				1,5									5		4	
	MAJ	6				6									2		2	
	TS	2,3													2		2	
SROI-2	RX	1				4									2		1	
	NOR	*2													1		1	
	I/C	3,4,5				1,5									5		4	
	MAJ	6				6									2		2	
	TS	2,3													2		2	

ES-301

Transient and Event Checklist

Form ES-301-5

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(*)		
		CREW POSITION			CREW POSITION			CREW POSITION			CREW POSITION						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
SROU-1	RX				4									1			0
	NOR												5	1			1
	I/C				1,2 3,5								1,2	6			2
	MAJ				6								6	2			1
	TS				1,2,3									3			2
SROU-2	RX				4									1			0
	NOR				*1									1			1
	I/C				2,3,5									3			2
	MAJ				6									1			1
	TS				1,2,3									3			2
SROU-3	RX										5			1			0
	NOR			1										1			1
	I/C			3,4							1,2 3,4			6			2
	MAJ			6							6			2			1
	TS										2,3			2			2
	RX																
	NOR																
	I/C																
	MAJ																
	TS																
	RX																
	NOR																
	I/C																
	MAJ																
	TS																

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 (SRO-I) 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 SRO-I *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 I/C malfunctions on a one-for-one 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.
- For new reactor facility licensees that use the ATC operator primarily for monitoring plant parameters, the chief examiner may place SRO-I applicants in either the ATC or BOP position to best evaluate the SRO-I in manipulating plant controls.

Facility: Turkey Point (PTN) Date of Examination: 3/29/21 Operating Test No.: 2021-301

Competencies	APPLICANTS											
	SRO-I <input type="checkbox"/>				RO <input type="checkbox"/>				BOP <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8
Comply with and Use Procedures (1)	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8
Operate Control Boards (2)	N/A	N/A	N/A	N/A	1,2,5 6,7	1,4,5 6,7	1,4,5 6,7	3,4,5 6,8	3,4 6,7	2,3,4 6,8	2,3,5 6	1,2,5 6,7
Communicate and Interact	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8	1-7	1-8
Demonstrate Supervisory Ability (3)	1-7	1-8	1-7	1-8	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
Comply with and Use TS (3)	2,3	1,2,3	3,5	2,3	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

Notes:

(1) Includes TS compliance for an RO.



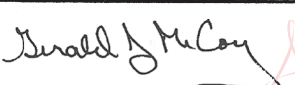
(2) Optional for an SRO-U.

(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. (This includes all rating factors for each competency.) (Forms ES 303 1 and ES 303 3 describe the competency rating factors.)

Facility: Turkey Point		Date of Exam: 4/8/21		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description			Initials		
			a	b	c
1.	Clean answer sheets copied before grading		ND	N/A	
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)		N/A	N/A	N/A
3.	Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)		ND	N/A	
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		N/A	N/A	N/A
5.	All other failing examinations checked to ensure that grades are justified		N/A	N/A	N/A
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		ND	N/A	

Printed Name/Signature		Date
a. Grader	Michael Donithan 	4/9/21
b. Facility Reviewer(*)	N/A	
c. NRC Chief Examiner (*)	David E Dumbacher 	
d. NRC Supervisor (*)	Gerald McCoy 	

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



September 25, 2020
L-2020-140
10 CFR 2.390

David Dumbacher
Chief Examiner, Region II
U. S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Initial Operator Operating Examination Submittal

In accordance with the requirements of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 11, Florida Power and Light (FPL) is submitting herein the following initial license examination checklists, outlines, scenarios, and Job Performance Measures (JPMs) for the Turkey Point Nuclear Plant for the February 2021 Operator Licensing Examination:

ES-201-2 Examination Outline Quality Checklist
ES-201-3 Examination Security Agreement (copy)
ES-301-1 Administrative Topics Outlines (Two)
ES-301-2 Control Room/In-Plant Systems Outlines (Three)
ES-301-5 Transient and Event Checklist
ES-D-1s Scenario Outlines (Four)

Pursuant to the provisions of NUREG 1021, Revision 11, the enclosed material shall be withheld from public disclosure until after the examinations are complete.

Should there be any questions, please contact Val Miklausich at (305) 246-6900.

Sincerely,

Robert Hess
Licensing Manager
Turkey Point Nuclear Plant

Enclosure

cc: Chief, Operations Branch, Division of Reactor Safety, Region II, w/o enclosure
Regional Administrator, Region II, USNRC, w/o enclosure
Document Control Desk, USNRC, Washington, D.C., w/o enclosure
Senior Resident Inspector, USNRC, Turkey Point Nuclear Plant, w/o enclosure

L-2020-140

ENCLOSURE

FPL TURKEY POINT UNITS 3 AND 4

**INITIAL OPERATOR OPERATING
EXAMINATION OUTLINE SUBMITTAL**



L-2020-171
10 CFR 2.390

David Dumbacher, Chief Examiner, Region II
U. S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257


Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Initial Operator Licensing Examination - Final Submittal

In accordance with the requirements of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 11, Florida Power and Light (FPL) is submitting herein the following initial license examination checklists, outlines, scenarios, and JPMs for the Turkey Point Nuclear Plant for the March 29, 2021 Operator Licensing Examination:

ES-201-2 Examination Outline Quality Checklist
ES-201-3 Examination Security Agreement (copy)
ES-301-1 Administrative Topics Outlines (RO) and (SRO-I)
ES-301-2 Control Room/In-Plant Systems Outlines (RO) and (SRO-I)
ES-301-3 Operating Test Quality Checklist
ES-301-4 Simulator Scenario Quality Checklist
ES-301-5 Transient and Event Checklist
ES-301-6 Competencies Checklist
ES-401-5 Written Examination Key with Reference for Each Question (100 Questions)
ES-401-6 Written Examination Quality Checklist
SRO Master Written Examination with Answer Key
SRO Master Written Exam Reference Package
RO Master Written Examination with Answer Key
RO Master Written Exam Reference Package
ES-C-1 Job Performance Measure Worksheet (twenty - equivalent facility JPMs forms)
ES-D-1s Scenario Outlines (four)
ES-D-2s Required Operator Actions (four - equivalent facility Simulator Exercise Guides)
Pursuant to the provisions of NUREG 1021, Revision 11, the enclosed material shall be withheld from public disclosure until after the examinations are complete.

Should there be any questions, please contact Val Miklausich at (305) 246-6900.

Sincerely,


Michael Pearce
Site Vice President
Turkey Point Nuclear Plant

Enclosure

cc: Chief, Operations Branch, Division of Reactor Safety, Region II, w/o enclosure
Regional Administrator, Region II, USNRC, w/o enclosure
Document Control Desk, USNRC, Washington, D.C., w/o enclosure
Senior Resident Inspector, USNRC, Turkey Point Nuclear Plant, w/o enclosure

L-2020-171

ENCLOSURE

**FPL TURKEY POINT UNITS 3 AND 4
INITIAL OPERATOR LICENSING EXAMINATION
FINAL SUBMITTAL**



APR 15 2021

L-2021-088

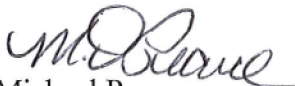
Dumbacher, David, Chief Examiner, Region II
U. S. Nuclear Regulatory Commission
Marquis One Tower
245 Peachtree Center Ave., NE Suite 1200
Atlanta, GA 30303-1257

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
Turkey Point Initial License Class 2021 Post-Examination Review

In accordance with NUREG-1021, Operators Licensing Examination Standards for Power Reactors, Section ES-402, Administering Initial Written Examination, Subsection E, Post-Examination Reviews, Florida Power & Light Company (FPL) submits this letter to document that the Turkey Point license applicants have not submitted any comments during exam administration or post-examination reviews. As such, FPL will not be submitting any comments related to the site-specific written examination that was administered at Turkey Point on April 8, 2021.

Should there be any questions please contact Mr. Andrew Fahrenkrug, Operator Training Supervisor, at 305-246-6714.

Sincerely,


Michael Pearce
Vice President
Turkey Point Nuclear Plant

cc: Chief, Operations Branch, Division of Reactor Safety, Region II,
Regional Administrator, Region II, USNRC,
Document Control Desk, USNRC, Washington, D.C.,
Senior Resident Inspector, USNRC, Turkey Point Nuclear Plant

Florida Power & Light Company
9760 S.W. 344th Street Homestead, FL 33035
