

Facility: <u>Turkey Point</u>		Date of Examination: <u>07/22/2019</u>
Developed by: Written: Facility <input type="checkbox"/> NRC <input checked="" type="checkbox"/> // Operating: Facility <input type="checkbox"/> NRC <input checked="" type="checkbox"/>		
Target Date*	Task Description (Reference)	Chief Examiner's Initials
11/24	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).	GWC
12/24	2. NRC examiners and facility contact assigned (C.1.d; C.2.f).	GWC
12/24	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).	GWC
12/24	4. Reference material due for NRC-prepared exams (C.1.e; C.3.c; Attachment 3).	GWC
12/24	5. Corporate notification letter sent (C.2.e).	GWC
1/8	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).	GWC
2/22	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).	GWC
3/8	8. Operating test outline(s) reviewed by the NRC and feedback provided to facility licensee (C.2.h; C.3.d-e).	GWC
05/08	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).	GWC
05/08	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).	GWC
05/23	11. Preliminary waiver/excusal requests due (C.1.m; C.2.c; ES-202).	GWC
05/13	12. Written exam and operating test reviews completed (C.3.f).	GWC
6/17	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.	GWC
6/22	14. Preliminary license applications and waiver/excusal requests, as applicable (NRC Form 398) due (C.1.m; C.2.i; ES-202).	GWC
7/8	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).	GWC
7/15	16. Written examinations and operating tests approved by the NRC supervisor (C.2.j-k; C.3.h).	GWC
7/15	17. Request facility licensee management feedback on the examination (C.2.l).	GWC
7/15	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).	GWC
7/15	19. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k).	GWC
7/15	20. Approved scenarios and job performance measures distributed to NRC examiners (C.3.i).	GWC
* 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.		

MASTER SECURITY AGREEMENT

(Page 1 of 6)

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

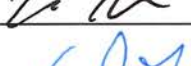

1. Pre-Examination (Review TR-AA-220-1002, Attachment 1 for pre-job briefing requirements)

I acknowledge that I have acquired specialized knowledge about the **L-19-1 NRC Exam** scheduled for the date(s) of **07/22/19-08/09/19** 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.


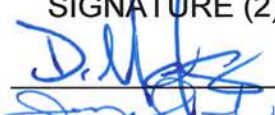


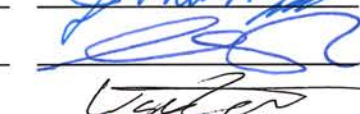
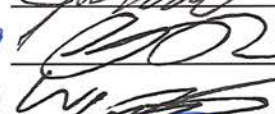
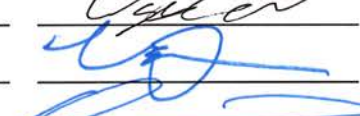

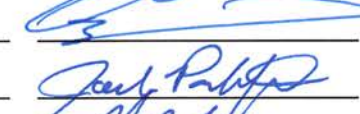
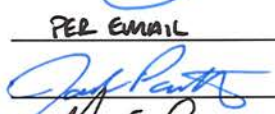


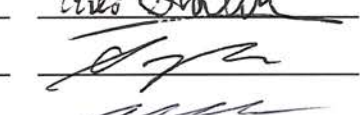
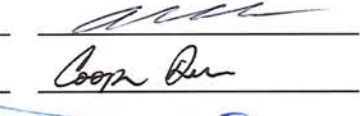
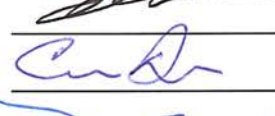
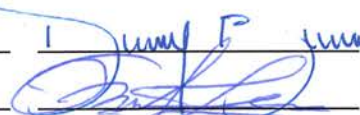

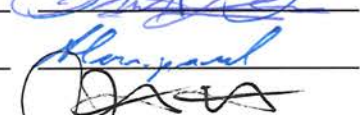
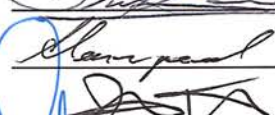
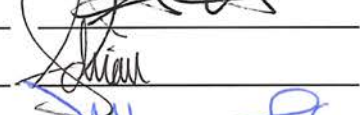
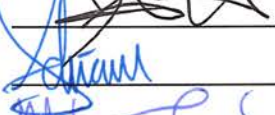


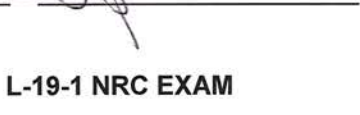



2. Post-Examination

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 **07/22/19-08/09/19**. 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		12/14/18		8/7/19	N/A
2.	E. Social	EXAM DEVELOPER		12/14/18		8/12/19	N/A
3.	MCKEE, JOSEPH	EXAM DEVELOPER		12/14/18		8/7/19	N/A
4.	WENDELL, THOMAS	SIM ENGR		1-14-19		8-6-19	N/A
5.	Tim Hodge	Exam Developer		12/14/18		8/7/19	N/A
6.	C Doty	SRO		3/5/19		8/26/19	N/A

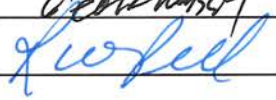


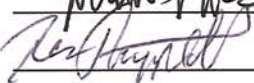
MASTER SECURITY AGREEMENT

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
7. <u>MARANKENICZ, DAVID</u>	<u>RCO</u>		<u>3/5/19</u>		<u>8/14/19</u>	<u>N/A</u>
8. <u>Izquierdo, Jose C</u>	<u>RCO</u>		<u>3/5/19</u>		<u>9/13/19</u>	<u>N/A</u>
9. <u>Van Hulzen, Jay</u>	<u>US/SRO</u>		<u>3-5-19</u>		<u>9-20-19</u>	<u>N/A</u>
10. <u>ART ALVAREZ</u>	<u>US/SRO</u>		<u>3/5/19</u>		<u>9/11/19</u>	<u>N/A</u>
11. <u>Wayne Short</u>	<u>RCO</u>		<u>3/14/19</u>		<u>8/9/20</u>	<u>N/A</u>
12. <u>C. Dan Needham</u>	<u>US/SRO</u>		<u>3/14/19</u>		<u>08/07/19</u>	<u>N/A</u>
13. <u>ARAGON, OSCAR</u>	<u>US/SRO</u>		<u>3/14/19</u>	<u>PER EMAIL</u>	<u>8/13/19</u>	<u>N/A</u>
14. <u>Porterfield, Jake</u>	<u>US/SRO</u>		<u>3/14/19</u>		<u>8/14/19</u>	<u>N/A</u>
15. <u>LAUSTED, HUNTER</u>	<u>US/SRO</u>		<u>3/20/19</u>		<u>8/19/19</u>	<u>N/A</u>
16. <u>SWALLOW, ARLO</u>	<u>US/SRO</u>		<u>3/20/19</u>		<u>8/19/19</u>	<u>N/A</u>
17. <u>CHOI, SZEMEI</u>	<u>RCO</u>		<u>3/20/19</u>		<u>8/10/19</u>	<u>N/A</u>
18. <u>AUSTIN COCKE</u>	<u>US/SRO</u>		<u>3/20/19</u>		<u>8/6/19</u>	<u>N/A</u>
19. <u>LOOPER DUFFY</u>	<u>US/SRO</u>		<u>3/21/19</u>		<u>8/26/19</u>	<u>N/A</u>
20. <u>Dean Brown</u>	<u>RCO</u>		<u>3/21/19</u>		<u>8-20-19</u>	<u>N/A</u>
21. <u>FRANK LEON</u>	<u>SIM. ENGR.</u>		<u>3-25-19</u>		<u>8-7-19</u>	<u>N/A</u>
22. <u>ARVIN HALAZIAD</u>	<u>RCO</u>		<u>3-25-19</u>		<u>9-16-19</u>	<u>N/A</u>
23. <u>Matt Hobson</u>	<u>US/SRO</u>		<u>4/1/19</u>		<u>8/20/19</u>	<u>N/A</u>
24. <u>A-Gonzalez</u>	<u>US/SRO - EPOS</u>		<u>4/1/19</u>		<u>8/6/19</u>	<u>N/A</u>
25. <u>M. COEN</u>	<u>SM/SRO - EPOS</u>		<u>4/2/19</u>		<u>8/20/19</u>	<u>N/A</u>
26. <u>RJ Hess</u>	<u>Lic. Mgr</u>		<u>4/9/19</u>		<u>8/14/19</u>	<u>N/A</u>

MASTER SECURITY AGREEMENT

(Page 3 of 6)

	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
27.	Steve Catron	Licensing Team	ON FILE	8/11/19		8/12/19	N/A
28.	E. Gonzalez	Reactor Operator		04/16/19		8/4/19	N/A
29.	Juan Garcia	Reactor Operator	Juan C Garcia	4-18-19	Juan C Garcia	8-22-19	N/A
30.	George Moyssidi	Reactor Operator	George Moyssidi	4-22-19	George Moyssidi	8-7-19	N/A
31.	Robert W Pell	Shift Mgr		4-23-19		9/16/19	N/A
32.	RICHARD DAIRD	CORP TRAINING	ON FILE	4/11/19	ON FILE	8/13/19	N/A
33.	BRAD WINZE	CORP TRAINING	ON FILE	4/11/19	ON FILE	8/14/19	N/A
34.	Michael Portal	Reactor Operator		6/17/19		8/15/19	N/A
35.	Mari Trater	Reactor Operator (BRO)	Mari Trater	6/17/19	Mari Trater	9/16/19	N/A
36.	Ted SNIDER	ILT TRAINER	Ted Snider	7/22/19	PER EMAIL	8/14/19	N/A
37.	Kerik Deller	ILT TRAINER		7/22/19		8/7/19	N/A
38.	C.A. Fernandez	ILT INSTRUCTOR		7/22/19		8/7/19	N/A
39.	BRIAN BAKKE	INSTRUCTOR	Brian Bakke	7-22-19		8-17-19	N/A
40.	Jim Russell	ILT Instructor		7/22/19		8/7/19	N/A
41.	DAVE KUHLE	INSTRUCTOR		7-22-19		8-7-19	N/A
42.	Bill Busha	I & C Spec	Bill Busha	7-22-19		8/12/19	N/A
43.	KURT KRUGER	INSTRUCTOR	Kurt Kruger	7-22-19		8/7/19	N/A
44.	Murphy	OPS		7/22/19		8/12/19	N/A
45.	John Patterson	Instructor	John W. Patterson	07/22/19	John W. Patterson	09/07/19	N/A
46.	Ronald Tuppellett	Instructor	Ronald Tuppellett	7/22/19	Ronald Tuppellett	8/12/19	N/A

MASTER SECURITY AGREEMENT

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
47.	Nick DeSantis	^{8/6/19} Instructor		8/6/19		8/2/19	N/A
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(Remote Signature Page)

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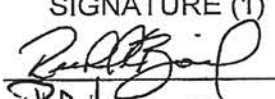
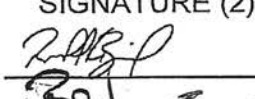
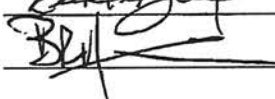
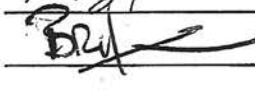
1. Pre-Examination (Review TR-AA-220-1002, Attachment 1 for pre-job briefing requirements)

I acknowledge that I have acquired specialized knowledge about the L-19-1 NRC Exam scheduled for the date(s) of 07/22/19-08/09/19 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.

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2. Post-Examination

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1.	RICHARD BAKER	CORP TRAINING		4/11/19		8/13/19	N/A
2.	BRAD HULSE	CORP TRAINING		4/11/19		8/14/19	N/A
3.							
4.							
5.							
6.							

L-19-1 NRC EXAM



MASTER SECURITY AGREEMENT

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1.	Steve Catron	Fleet Licensing CFAM		4/11/19	ON FILE	8/12/19	N/A
2.							
3.							
4.							
5.							
6.							

Miklausch, Val

From: decoboatcharters <decoboatcharters@aol.com>
Sent: Wednesday, August 14, 2019 12:47 PM
To: Miklausch, Val
Subject: Re: L19 NRC Exam Security Agreement

CAUTION - EXTERNAL EMAIL

Val,
Please remote sign me off agreement. you already collected my badge.
Ted

Sent via the Samsung Galaxy S8 Active, an AT&T 5G Evolution capable smartphone

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

From: "Miklausch, Val" <Val.Miklausch@fpl.com>
Date: 8/13/19 11:28 AM (GMT-05:00)
To: "Miklausch, Val" <Val.Miklausch@fpl.com>
Subject: L19 NRC Exam Security Agreement

All,

Please verify that you have met the conditions outlined in **Section 2, Post-Examination**. If you determine that you can NOT vote YES please contact the Exam Room at 305-246-6900. Please return your security badge to the Exam Room at your convenience.

Thank you for your support,

Val Miklausch

305-246-6900 Exam Room

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

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Miklausch, Val

From: Oscar Aragon <olaragon@gmail.com>
Sent: Tuesday, August 13, 2019 11:56 AM
To: Miklausch, Val
Subject: Re: L19 NRC Exam Security Agreement

CAUTION - EXTERNAL EMAIL

Hi Val,

I agree with statements one and two regarding exam security for L19 NRC exam.

Oscar Aragon

On Aug 13, 2019, at 11:28 AM, Miklausch, Val <Val.Miklausch@fpl.com> wrote:

All,

Please verify that you have met the conditions outlined in **Section 2, Post-Examination**. If you determine that you can NOT vote YES please contact the Exam Room at 305-246-6900. Please return your security badge to the Exam Room at your convenience.

Thank you for your support,

Val Miklausch
305-246-6900 Exam Room

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 L-19-1 NRC Exam scheduled for the date(s) of **07/22/19-08/09/19** 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 07/22/19-08/09/19. 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.

Facility: Turkey Point (PTN) Date of Examination: 7/22/19 Operating Test No.: 2019-302

Competencies	APPLICANTS											
	SRO-I <input type="checkbox"/>				RO <input type="checkbox"/>				BOP <input type="checkbox"/>			
	SCENARIO				SCENARIO				SCENARIO			
	1	3	4	5	1	3	4	5	1	3	4	5
Interpret/Diagnose Events and Conditions	1-6	1-6	1-7	1-8	1-6	1-6	1-7	1-8	1-6	1-6	1-7	1-8
Comply with and Use Procedures (1)	1-6	1-6	1-7	1-8	1-6	1-6	1-7	1-8	1-6	1-6	1-7	1-8
Operate Control Boards (2)	N/A	N/A	N/A	N/A	1,2,4 5,6	1,2,3 4,5,6	3,4,5 6	1,5,6 7,8	2,3,4, 5,6	1,2,5 6	1,2,3 6	1,3,4 7,8
Communicate and Interact	1-6	1-6	1-7	1-8	1-6	1-6	1-7	1-8	1-6	1-6	1-7	1-8
Demonstrate Supervisory Ability (3)	1-6	1-6	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)	1,3,4	1,3,4	2,3	2,5,6	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 Examination: 7/22/2019		
Item	Task Description	Initials		
		a	b*	c**
W R I T T E N	1. a. Verify that the outline(s) fit(s) the appropriate model in accordance with ES-401 or ES-401N.	GWC	PJC	
	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.	GWC	PJC	
	c. Assess whether the outline overemphasizes any systems, evolutions, or generic topics.	GWC	PJC	
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	GWC	PJC	
S I M U L A T O R	2. 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.	GWC	PJC	
	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.	GWC	PJC	
	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).	GWC	PJC	
W A L K T H R O U G H	3. 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.	GWC	PJC	
	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.	GWC	PJC	
	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.	GWC	PJC	
G E N E R A L	4. a. Assess whether plant-specific priorities (including probabilistic risk assessment and individual plant examination insights) are covered in the appropriate exam sections.	GWC	PJC	
	b. Assess whether the 10 CFR 55.41, 55.43, and 55.45 sampling is appropriate.	GWC	PJC	
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	GWC	PJC	
	d. Check for duplication and overlap among exam sections and the last two NRC exams.	GWC	PJC	
	e. Check the entire exam for balance of coverage.	GWC	PJC	
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	GWC	PJC	
a. Author <u>Gary W. Callaway / <i>G. Callaway</i></u> b. Facility Reviewer (*) c. NRC Chief Examiner (#) <u>Phillip G. Capehart / <i>PG Capehart</i></u> d. NRC Supervisor <u>Gerald J. McCoy / <i>Gerald J. McCoy</i></u>		Printed Name/Signature Date 4/11/19 7/15/19 7/16/19		
* Not applicable for NRC-prepared examination outlines. # The independent NRC reviewer initials items in column "c"; the chief examiner's concurrence is required.				

Facility:		Date of Examination:		Operating Test Number:	
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).	GWC		PQC	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	GWC		PQC	
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a.).	GWC		PQC	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	GWC		PQC	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	GWC		PQC	
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 	GWC		PQC	
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.	GWC		PQC	
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.		GWC		PQC	
a.	Author	Printed Name/Signature			Date
b.	Facility Reviewer (*)	Gary W. Callaway / <i>Gary W. Callaway</i>			7/3/19
c.	NRC Chief Examiner (#)	Phillip G. Capehart / <i>Phil Capehart</i>			7/3/19
d.	NRC Supervisor	Gerald J. McCoy / <i>Gerald J. McCoy</i>			7/15/19
<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>					

Facility: Turkey Point		Date of Exam: 7/22/19		Scenario Numbers: 1 / 2 / 3 / 4 / 5		Operating Test No.:	
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.			GWC		PGC		
2. The scenarios consist mostly of related events.			GWC		PGC		
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) 			GWC		PGC		
4. The events are valid with regard to physics and thermodynamics.			GWC		PGC		
5. Sequencing and timing of events is reasonable and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.			GWC		PGC		
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.			N/A		NA		
7. The simulator modeling is not altered.			GWC		PGC		
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.			GWC		PGC		
9. Scenarios are new or significantly modified in accordance with Section D.5 of ES-301.			GWC		PGC		
10. All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).			GWC		PGC		
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.)			GWC		PGC		
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).			GWC		PGC		
13. Applicants are evaluated on a similar number of preidentified critical tasks across scenarios, when possible.			GWC		PGC PGC		
14. The level of difficulty is appropriate to support licensing decisions for each crew position.			GWC				
Target Quantitative Attributes per Scenario (See Section D.5.d)		Actual Attributes	--	--	--		
1. Malfunctions after EOP entry (1–2)		1/1/1/1/1	GWC		PGC		
2. Abnormal events (2–4)		4/6/4/5/5	GWC		PGC		
3. Major transients (1–2)		1/1/1/1/1	GWC		PGC		
4. EOPs entered/requiring substantive actions (1–2)		2/2/2/2/2	GWC		PGC		
5. Entry into a contingency EOP with substantive actions (≥ 1 per scenario set)		0/1/1/0/0	GWC		PGC		
6. Preidentified critical tasks (≥ 2)		2/2/2/2/2	GWC		PGC		
<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: 7/22/19					Operating Test No.: 2019-302							
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 (*)		
		3			5			1			4						
		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									2				1	1		
	I/C			1,2		5,6				3,4				6	4		
	MAJ			5		7				5				3	2		
	TS													0	0		
RO-2	RX					1								1	1		
	NOR									2				1	1		
	I/C			1,2		5,6				3,4				6	4		
	MAJ			5		7				5				3	2		
	TS													0	0		
RO-3	RX											3*		1	1		
	NOR									2				1	1		
	I/C			1,2						3,4		4,5		6	4		
	MAJ			5						5		6		3	2		
	TS													0	0		
RO-4	RX								2					1	1		
	NOR					1								1	1		
	I/C					3,4		1,4				1,2,3		7	4		
	MAJ					7		5				6		3	2		
	TS													0	0		
SROI-1	RX							2						1		1	
	NOR					1								1		1	
	I/C	1,2 3,4				3,4		1,4						8		4	
	MAJ	5				7		5						3		2	
	TS	1,3,4												3		2	
SROI-2	RX				1			2						2		1	
	NOR		1*											1		1	
	I/C		2,3 4		1,2 3,4			1,3,4						10		4	
	MAJ		5		7			5						3		2	
	TS				2,5,6			1,3,4						6		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 (*)			
		3			5			1			4							
		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
SROI-3	RX								2						1		1	
	NOR						1								1		1	
	I/C	1,2 3,4					3,4		1,4						8		4	
	MAJ	5					7		5						3		2	
	TS	1,3,4													3		2	
SROI-4	RX				1			2							2		1	
	NOR		1*												1		1	
	I/C		2,3 4		1,2 3,4			1,3,4							10		4	
	MAJ		5		7			5							3		2	
	TS				2,5,6			1,3,4							6		2	
SROI-5	RX					1		2							2		1	
	NOR	1*													1		1	
	I/C	2,3,4				5,6		1,3,4							8		4	
	MAJ	5				7		5							3		2	
	TS	1,3,4						1,3,4							6		2	
SROI-6	RX				1										1		1	
	NOR		1*												1		1	
	I/C		2,3 4		1,2 3,4						1,2,3 4,5				12		4	
	MAJ		5		7						6				3		2	
	TS				2,5,6						2,3				5		2	
SROI-7	RX																1	
	NOR																1	
	I/C																4	
	MAJ																2	
	TS																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 (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 2019302		Date of Exam: 8/6/19		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	AK		GWC		
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)	AK		GWC		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	AK		GWC		
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	AK		GWC		
5. All other failing examinations checked to ensure that grades are justified	AK		GWC		
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	AK		GWC		

	Printed Name/Signature	Date
a. Grader	Philip G. Capehart / <i>AK Capehart</i>	8/15/2019
b. Facility Reviewer(*)		
c. NRC Chief Examiner (*)	Gary W. Callaway <i>G. W. Callaway</i>	8/16/2019
d. NRC Supervisor (*)	Gerald J. McCoy <i>Gerald J. McCoy</i>	9/30/2019

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

AUG 14 2019



L-2019-162
10 CFR 2.390

Gary Callaway, 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
FPL Comments for the Written NRC License Examination, L-19-1

In accordance with NUREG-1021, Operators Licensing Examination Standards for Power Reactors, Section ES-402, Administering Initial Written Examination, Subsection E.5, Post-Examination Reviews, Florida Power & Light Company (FPL) submits herein for your review and evaluation applicant comments for the site-specific licensed operator written examination, administered at Turkey Point on August 6, 2019.

In accordance with NUREG-1021, Operators Licensing Examination Standards for Power Reactors, Section ES-501, Initial Post-Examination Activities, Subsection C.1, Facility Licensee Responsibilities, Florida Power & Light Company (FPL) submits herein for your review and evaluation the post examination files for the site-specific licensed operator written examination, administered at Turkey Point on August 6, 2019.

Accordingly, the following attachments are provided herein for your review:

Attachment 1: Written Examination Answer Key
Attachment 2: Each Applicant Original Answer and Examination Cover Sheets.
Attachment 3: Questions Asked By the Applicants and Exam Team Responses.
Attachment 4: Master Written Examination (Only electronic version)
Attachment 5: Written Examination Seating Chart
Attachment 6: Written Examination Performance Analysis
Attachment 7: Form ES-201-3, Exam Security Agreement (copy)

An electronic version of materials including the Master Written Examination is provided on enclosed DVD. The attachments shall be withheld from public disclosure due to examination sensitive material. Should there be any questions, please contact Val Miklausich at (305) 246-6900.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Brian Stamp', is written over a horizontal line.

Brian Stamp
Site Director
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