

EXAM ASSIGNMENT TICKLER

Chief:	John Kirkland	Facility:	PV	Date of Written Exam:	5/12/2022
U/I:		Start of Op Test:	5/2/2022	End of Op Test:	5/6/2022
Written Exam Developed By: NRC / Facility			Operating Test Developed By: NRC / Facility		
Due Date	Description	Date Complete	Initials	Notes	
8/30/2021	Examination administration date confirmed	7/13/2021	<i>JKL</i>	For NRC prepared exams, arrangements made for the facility to submit reference materials	
10/4/2021	NRC examiners and facility contact assigned	7/13/2021	<i>JKL</i>		
10/4/2021	Facility contact briefed on security and other requirements	7/13/2021	<i>JKL</i>		
10/4/2021	Reference material due for NRC prepared exams	11/22/2021	<i>JKL</i>	ES-201 Att-3	
10/4/2021	Corporate Notification Letter sent	7/14/2021	<i>JKL</i>	ES-201 Att-4 produced by CE	
10/18/2021	NRC developed written examination outline sent to facility contact	7/13/2021	<i>JKL</i>	ES-401-1/2 and ES-401-3	
11/29/2021	Operating test outline(s) and other checklists due	11/22/2021	<i>JKL</i>	ES-201-2, 201-3, 301-1, 301-2, 301-5, D-1	
12/13/2021	Operating test outline(s) reviewed by NRC and feedback provided to facility licensee	11/29/2021	<i>JKL</i>	ES-201-2 signed by CE & BC	
2/14/2022	Proposed exams, outlines, supporting documentation, and reference materials due.	2/24/2022	<i>JKL</i>	Exams prepared by the NRC are approved by BC and forwarded for facility licensee review	
2/21/2022	Peer review of written exam complete	N/A	N/A	Document review on ES-401-9	
3/14/2022	Written exam and operating test reviews completed	3/10/2022	<i>JKL</i>	Document review on ES-401-9	
3/28/2022	Feedback approved by Branch Chief	3/10/2022	<i>JKL</i>		
3/28/2022	Examination review results discussed between NRC and facility licensee	3/30/2022	<i>JKL</i>		
4/4/2022	Preliminary license applications & waiver/excusal requests due	4/4/2022	<i>JKL</i>	NRC Forms 398/396	
3/28/2022	On-site validation & 10% audit of license applications	3/28/2022	<i>JKL</i>		
4/11/2022	Preliminary license applications and waivers reviewed	4/4/2022	<i>JKL</i>		
4/18/2022	Final license applications & waiver/excusal requests due	4/14/2022	<i>JKL</i>	ES-201-4 prepared by LA	
4/25/2022	Written exams and operating tests approved by Branch Chief	4/12/2022	<i>JKL</i>		
4/25/2022	Request facility licensee management feedback on the exam	N/A	N/A		
4/25/2022	Final applications reviewed and audited; exam approval and waiver/excusal letters sent	4/14/2022	<i>JKL</i>	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	
4/25/2022	Proctoring/written exam administration guidelines reviewed with facility licensee	5/5/2022	<i>JKL</i>		
4/25/2022	Approved scenarios and JPMs distributed to examiners	4/25/2022	<i>JKL</i>		
5/2/2022	Administer Operating Test	5/2/2022	<i>JKL</i>		
5/13/2022	Examiner's document op test results on ES 303's	5/13/2022	<i>JKL</i>		
6/1/2022	Post exam comments and graded exams received	5/19/2022	<i>JKL</i>	ES-403-1 to BC	
6/9/2022	Post exam written comments reviewed and incorporated and NRC grading completed	5/20/2022	<i>JKL</i>		
6/9/2022	Post exam operating test comments reviewed and ES-303-1 updated	2/21/2022	<i>JKL</i>		
6/16/2022	Chief examiner review of operating test and/or written exam grading completed	5/22/2022	<i>JKL</i>	Signed ES 303's to BC	
6/23/2022	Branch Chief review of exam results completed	5/23/2022	<i>JKL</i>		
6/30/2022	Waivers/deferrals reviewed for impact on licensing decision	5/23/2022	<i>JKL</i>		
6/30/2022	License/Proposed Denial letters mailed; Facility notified of results	6/1/2022	<i>JKL</i>		
6/30/2022	RPS/IP number of examinees updated	5/24/2022	<i>JKL</i>	print Report-21	
7/21/2022	Final Denial Letters mailed (if no request for informal review)	N/A	N/A	21 days after proposed denial letters mailed.	
7/28/2022	Examination Report Issued	6/27/2022	<i>JKL</i>	produced by CE	
8/4/2022	Ref Mat'l Returned after Final Resolution of Appeals	N/A	N/A		
9/1/2022	SUNSI checklist complete and exam docs to ADAMS	6/27/2022	<i>JKL</i>	SUNSI checklist to LA	
Replaces NUREG-1021, Revision 11, Forms ES-201-1 and ES-501-1					

password es1021

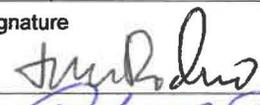
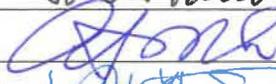
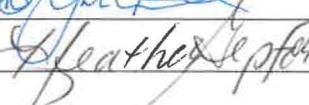
Form 2.3-1 Examination Outline Quality Checklist

Facility: PVNGS		Date of Examination: 5/2/2022		
Item	Task Description	(Y)es / (N)o		
		a	b*	c#
WRITTEN	The outline was systematically and randomly prepared in accordance with the instructions in Section B of ES-4.1, and all knowledge and ability (K/A) categories are appropriately sampled	JR		<i>JK</i>
	The outline does not overemphasize any systems, evolutions, or generic topics	JR	AM	<i>JK</i>
	Justifications for deselected or rejected K/A statements are acceptable.	JR	AM	<i>JK</i>
SIMULATOR	Using Form 3.4-1, Events and Evolutions Checklist, verify that the proposed scenario sets cover the required number of normal evolutions, reactivity evolutions, instrument and component failures, manual control evolutions, technical specifications, and major transients.	JR	AM	<i>JK</i>
	There are enough scenarios (and spares) for the projected number and mix of applicants in accordance with the expected crew composition and rotation schedule without compromising exam integrity. Ensure that scenarios will not be repeated on subsequent days.	JR	AM	<i>JK</i>
	Ensure that all scenarios are new or significantly modified in accordance with ES-3.4 and that no scenarios are duplicated from the applicants' audit test(s).	JR^	AM^	<i>JK</i>
	To the extent possible, assess whether the outline(s) conforms with the qualitative and quantitative simulator set criteria specified on Form 2.3-2.	JR	AM	<i>JK</i>
JPMS	Verify that the control room and in-plant systems outline meets the criteria specified in the instructions on Form 3.2-2 and that no tasks are duplicated from the applicant's audit test(s).	JR^	AM^	<i>JK</i>
	Verify that the administrative outline meets the criteria specified in the instructions on Form 3.2-1 and that no tasks are duplicated from the applicant's audit test(s).	JR^	AM^	<i>JK</i>
	Determine whether the number of job performance measures (JPMs) and JPM types is sufficient for the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	JR	AM	<i>JK</i>
GENERAL	Assess whether the appropriate exam sections cover plant-specific priorities (including probabilistic risk assessment and individual plant examination insights).	JR	AM	<i>JK</i>
	Assess whether the 10 CFR 55.41, 10 CFR 55.43, and 10 CFR 55.45 sampling is appropriate.	JR	AM	<i>JK</i>
	Check whether K/A importance ratings (except for plant-specific priorities) are greater than or equal to 2.5.	JR	AM	<i>JK</i>
	Check for duplication and overlap across the exam and with the last two NRC exams.	JR	AM	<i>JK</i>
	Check the entire exam for balance of coverage.	JR	AM	<i>JK</i>
	Assess whether the exam fits the appropriate job level (reactor operator or senior reactor operator).	JR	AM	<i>JK</i>
Printed Name / Signature		Date		
a. Author	John Rodgers	Digitally signed by John Rodgers DN: cn=John Rodgers, o=Exam Group, ou=9618, email=John.rodgers@aps.com, c=US Date: 2021.11.17 11:35:19 -0700'		
b. Facility Reviewer (*)	Allen Marsh	Digitally signed by Allen Marsh DN: cn=Allen Marsh, o=PVNGS, ou=Operations, email=allen.marsh@aps.com, c=US Date: 2021.11.19 13:35:54 -0700'		
c. NRC Reviewer (#)	John Kirkland <i>JK</i>	<i>JK</i> 12/1/21		
NRC Chief Examiner	John Kirkland <i>JK</i>	<i>JK</i> 12/1/21		
NRC Supervisor				
* The facility licensee signature is not applicable for NRC developed tests # An independent NRC reviewer performs the steps in column "c". This may be the NRC Chief Examiner if he/she did not develop the outline under review				

^The audit exam has not yet been developed but the instructions on the referenced forms and NUREG 1021 sections have been met

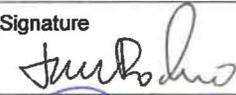
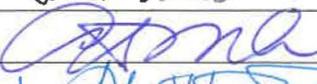
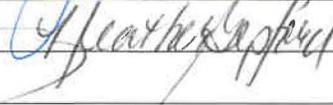
Form 2.3-2 Operating Test Quality Checklist

Facility: PVNGS	Date of Examination: 5/2/2022	Operating Test Number: 2022		
General Criteria		(Y)es / (N)o		
		a	b*	c#
a.	The operating test meets the criteria on the associated test outline	Y	Y	Y
b.	There are enough test items so that test items will not be repeated on more than 1 day of the operating test	Y	Y	Y
c.	The operating test does not duplicate items from the applicant's audit test(s)	Y	Y	Y
d.	Overlap with the written examination and between different part of the operating test is minimized	Y	Y	Y
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level	Y	Y	Y
Walkthrough Criteria				
	Each job performance measure (JPM) includes the following, as applicable:	Y	Y	Y
	<ul style="list-style-type: none"> • Task standard • Initial conditions • Initiating cues • References and tools, including associated procedures • Reasonable and validated time limits (average time allowed for completion) and specific designation if the facility licensee deems it to be time critical • Specific designation if it meets the criteria of alternate path • Operationally important specific performance criteria that include the following: <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 JPM task standard - Identification of critical steps and their associated performance standards - Restrictions on the sequence of steps, if applicable 			
b.	Ensure that any changes from the previously approved JPM outlines (Forms 3.2-1 and 3.2-2) 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	Y	Y	Y
Simulator Scenario Set Criteria for Scenario Numbers: 2 / 4 / 3 (1 is the spare)				
QUALITATIVE ATTRIBUTES				
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	Y	Y	Y
2.	The scenarios consist mostly of related events	Y	Y	Y
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) 	Y	Y	Y

QUALITATIVE ATTRIBUTES continued		(Y)es / (N)o			
		a	b*	c#	
4.	The events are valid with regard to physics and thermodynamics	Y	Y	Y	
5.	The sequencing and timing of events is reasonable and allows the examination team to observe and evaluate applicant performance	Y	Y	Y	
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.	Y	Y	Y	
7.	The simulator modeling is not altered	Y	Y	Y	
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.	Y	Y	Y	
9.	Scenarios are new or significantly modified in accordance with ES-3.4	Y	Y	Y	
10.	Scenarios (as grouped) allow each applicant to be significantly involved in the minimum number of transients, events, and evolutions specified on the version Form 3.4-1 submitted with the scenario set	Y	Y	Y	
11.	Applicants are evaluated on a similar number of pre-identified critical tasks across scenarios, when possible	Y	Y	Y	
12.	The level of difficulty is appropriate to support licensing decisions for each crew position	Y	Y	Y	
TARGET QUANTITATIVE ATTRIBUTES per Scenario (See ES-3.4)		Actual Attributes by Scenario No. 2 / 4 / 3 / 1 (spare)	(Y)es / (N)o		
			a	b*	c#
1.	Malfunctions after emergency operating procedure (EOP) entry (1-2)	1 / 3 / 3 / 2	Y	Y	Y
2.	Abnormal events (2-4)	4 / 3 / 3 / 3	Y	Y	Y
3.	Major transients (1-2)	1 / 1 / 1 / 1	Y	Y	Y
4.	EOPs entered/requiring substantive actions (1-2)	1 / 1 / 1 / 1	Y	Y	Y
5.	Entry into a contingency EOP with substantive actions (≥ 1 per scenario set, set is the entire set of scenarios prepared for the scheduled exam)	0 / 1 / 1 / 0	Y	Y	Y
6.	Pre-identified critical tasks (≥ 2)	3 / 2 / 2 / 2	Y	Y	Y
		Printed Name / Signature	Date		
a.	Author	John Rodgers / 	4/5/2022		
b.	Facility Reviewer (*)	Allen Marsh / 	4/5/2022		
c.	NRC Reviewer (#)	John Kirkland / 	4/12/22		
	NRC Chief Examiner	John Kirkland / 	4/12/22		
	NRC Supervisor	Heather Gepford / 	4/12/22		
* The facility licensee signature is not applicable for NRC developed tests					
# An independent NRC reviewer performs the steps in column "c". This may be the NRC Chief Examiner if he/she did not develop the outline under review					

operating test

Form 2.3-4 Written Examination Quality Checklist

Facility: PVNGS		Date of Exam: 5/2/2022		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>		
Item Description				(Y)es / (N)o		
				a	b*	c#
1. Questions and answers are technically accurate and applicable to the facility. Each question includes a technical reference.				Y	Y	Y
2. a. All questions reference NRC knowledge and abilities (K/As) requirements. b. Facility learning objectives are referenced as available. c. All questions include an explanation of the correct answer and a distractor analysis.				Y	Y	Y
3. Senior reactor operator (SRO) questions test at the SRO license level.				Y	Y	Y
4. The sampling process was random and systematic. (If more than four reactor operator (RO) or two SRO questions were repeated from the last two NRC licensing exams, including full (100-question) retake examinations, consult the NRC Office of Nuclear Reactor Regulation operator licensing program office.)				Y	Y	Y
5. Question duplication from the licensee screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: ___ The audit exam was systematically and randomly developed ___ The audit exam was completed before the license exam was started ___ The examinations were developed independently <u>X</u> The licensee certifies that there is no duplication ___ Other (explain):				Y	Y	Y
6. Bank use meets limits (no more than 75% from the bank, at least 10% new (at the comprehension/analysis level), and the rest new or modified); enter the actual RO/SRO-only questions distribution >				Bank	Modified	New
				16 / 6	7 / 3	52 / 16
7. Between 38 and 45 questions of the question on the RO exam and at least 13 of the questions on the SRO-only portion of the exam are written at the comprehension/analysis level; enter the actual RO/SRO-only question distribution >				Memory		C/A
				31 / 10	44 / 15	Y
8. References/handouts provided do not give away answers or aid in the elimination of distractors.				Y	Y	Y
9. Question content conforms to specific K/A statements in the previously approved examination outline and is appropriate for the K/A statements' assigned tier; deviations are justified.				Y	Y	Y
10. Question psychometric quality and format meet the instructions and guidelines in ES-4.2.				Y	Y	Y
11. The exam contains the required number of one-point, multiple-choice items; the total is correct and agrees with the value on the cover sheet.				Y	Y	Y
Printed Name / Signature				Date		
a. Author	John Rodgers / 			4/5/2022		
b. Facility Reviewer (*)	Allen Marsh / 			4/5/2022		
c. NRC Reviewer (#)	John Kirkland / 			4/12/22		
NRC Chief Examiner	John Kirkland / 			4/12/22		
NRC Supervisor	Heather Gepford / 			4/12/22		
* The facility licensee signature is not applicable for NRC developed tests						
# An independent NRC reviewer performs the steps in column "c". This may be the NRC Chief Examiner if he/she did not develop the outline under review						

Written examination

Form 3.4-1 Events and Evolutions Checklist (Based on running Scenarios 2/4/3)

Facility: PVNGS		Date of Exam: 5/2/2022										Operating Test Number: 2022						
A P P L I C A N T	E V E N T T Y P E	Scenarios												M I N I M U M				
		1			2			3			4						T O T A L	R O
		P O S I T I O N			P O S I T I O N			P O S I T I O N			P O S I T I O N							
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P		
R1	RX														0	1	1	0
	NOR				1				1						2	1	1	1
	I/C				3,4,5				3,4,5				2,3,4,7,8		11	4	4	2
	MAJ				6				6				5		3	2	2	1
	Man. Ctrl.				4,5				4,5				2,4,7		7	1	1	0
13	TS													0	0	2	2	
R2	RX														0	1	1	0
	NOR												1		1	1	1	1
	I/C						2,3,4,7						3,4,6,8		8	4	4	2
	MAJ						6						5		2	2	2	1
	Man. Ctrl.						4,6,7						4		4	1	1	0
9	TS													0	0	2	2	
R3	RX														0	1	1	0
	NOR				1				1						2	1	1	1
	I/C				3,4,5				3,4,5						6	4	4	2
	MAJ				6				6						2	2	2	1
	Man. Ctrl.				4,5				4,5						4	1	1	0
8	TS													0	0	2	2	
R4	RX														0	1	1	0
	NOR								2						1	1	1	1
	I/C						2,3,4,7		3,4,5,8,9						9	4	4	2
	MAJ						6		6						2	2	2	1
	Man. Ctrl.						4,6,7		4,5						5	1	1	0
10	TS													0	0	2	2	
R5	RX														0	1	1	0
	NOR				1										1	1	1	1
	I/C				3,4,5								2,3,4,7,8		8	4	4	2
	MAJ				6				6				5		2	2	2	1
	Man. Ctrl.				4,5								2,4,7		5	1	1	0
9	TS													0	0	2	2	

Form 3.4-1 Events and Evolutions Checklist

Facility: PVNGS		Date of Exam: 5/2/2022												Operating Test Number: 2022			
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M		
		1			2			3			4				R O	S R O- I	S R O- U
		P O S I T I O N			P O S I T I O N			P O S I T I O N			P O S I T I O N						
		S R O	A T C	B O P													
R6	RX													0	1	1	0
	NOR											1		1	1	1	1
	I/C						2,3,4,7						3,4,6,8	8	4	4	2
	MAJ						6						5	2	2	2	1
	Man. Ctrl.						4,6,7						4	4	1	1	0
9	TS												0	0	2	2	
R7	RX													0	1	1	0
	NOR										1		1	2	1	1	1
	I/C									3,4,5			3,4,6,8	7	4	4	2
	MAJ									6			5	2	2	2	1
	Man. Ctrl.									4,5			4	3	1	1	0
9	TS												0	0	2	2	
R8	RX													0	1	1	0
	NOR									2				1	1	1	1
	I/C									3,4,5,8,9			2,3,4,7,8	10	4	4	2
	MAJ									6			5	2	2	2	1
	Man. Ctrl.									4,5			2,4,7	5	1	1	0
11	TS												0	0	2	2	
R9	RX													0	1	1	0
	NOR												1	1	1	1	1
	I/C									2,3,4,7			3,4,6,8	8	4	4	2
	MAJ									6			5	2	2	2	1
	Man. Ctrl.									4,6,7			4	4	1	1	0
9	TS												0	0	2	2	
R10	RX													0	1	1	0
	NOR									2				1	1	1	1
	I/C									3,4,5,8,9			2,3,4,7,8	10	4	4	2
	MAJ									6			5	2	2	2	1
	Man. Ctrl.									4,5			2,4,7	5	1	1	0
11	TS												0	0	2	2	

Form 3.4-1 Events and Evolutions Checklist

Facility: PVNGS		Date of Exam: 5/2/2022												Operating Test Number: 2022						
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M					
		1			2			3			4				R O	S R O- I	S R O-U			
		P O S I T I O N			P O S I T I O N			P O S I T I O N			P O S I T I O N									
		S R O	A T C	B O P																
I1 RX+NOR +I/C	RX																0	1	1	0
	NOR				1												1	1	1	
	I/C				3,4,5			3,4,5,8 ,9			2,3,4,6 ,7,8						4	4	2	
	MAJ				6			6			5						2	2	1	
	Man. Ctrl.				4,5												1	1	0	
15	TS							2,4			3,4						4	0	2	2

Form 3.4-1 Events and Evolutions Checklist

Facility: PVNGS		Date of Exam: 5/2/2022												Operating Test Number: 2022			
A P P L I C A N T	E V E N T T Y P E	Scenarios												T O T A L	M I N I M U M		
		1			2			3			4				R O	S R O- I	S R O- U
		P O S I T I O N			P O S I T I O N			P O S I T I O N			P O S I T I O N						
		S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P	S R O	A T C	B O P				
U1	RX													0	1	1	0
	NOR													0	1	1	1
	I/C				2,3,4,5 .7							2,3,4,6 .7,8		11	4	4	2
	MAJ				6							5		2	2	2	1
	Man. Ctrl.													0	1	1	0
	11	TS				2,4							3,4		4	0	2
U2	RX													0	1	1	0
	NOR													0	1	1	1
	I/C				2,3,4,5 .7				3,4,5,8 .9				2,3,4,6 .7,8	10	4	4	2
	MAJ				6				6					2	2	2	1
	Man. Ctrl.													0	1	1	0
	10	TS				2,4				2,4				4	0	2	2
U3	RX													0	1	1	0
	NOR													0	1	1	1
	I/C				2,3,4,5 .7							2,3,4,6 .7,8		11	4	4	2
	MAJ				6							5		2	2	2	1
	Man. Ctrl.													0	1	1	0
	11	TS				2,4							3,4		4	0	2
U4	RX													0	1	1	0
	NOR													0	1	1	1
	I/C								3,4,5,8 .9				2,3,4,6 .7,8	11	4	4	2
	MAJ								6			5		2	2	2	1
	Man. Ctrl.													0	1	1	0
	11	TS								2,4			3,4		4	0	2
U5	RX													0	1	1	0
	NOR										1			1	1	1	1
	I/C				2,3,4,5 .7						3,4,5			8	4	4	2
	MAJ				6						6			2	2	2	1
	Man. Ctrl.										4,5			2	1	1	0
	9	TS				2,4								2	0	2	2

IP 21 Operator Licensing Exam Schedule

From 05/01/2022 to 05/07/2022

Phase Code: 2 - Construction, 5 - Operational

Region: 4

Exam Week	Site / Docket # / Insp Rpt #	# Candidates				Type	Exam Author	Chief Examiner	Examiners Assigned
		RO	LSRO	SROI	SROU				
05/01/2022	Palo Verde / 05000528, 05000529, 05000530 / 2022301 CAC #: 000500	10	0	1	5	FB-OR-INITIAL LICENSE EXAM ADMINISTRATION (EXAD)	NFF	Kirkland, John	Bergeon,Bryan Clayton,Kelly Doyle,Matthew Hernandez,Nick Kirkland,John Osterholtz,Clyde You,David

Sites: ANO, CALL, CNS, CP, DIAB, GG, PALO, RBS, STP, WAT, WC, WNP

Orgs: ALL

Exam Author: ALL

Activity Codes: EXAD, NEXAD, NOV, OV

5/24/2022 3:05:18 PM

IP 21 Operator Licensing Exam Schedule

From 05/01/2022 to 05/07/2022

Phase Code: 2 - Construction, 5 - Operational

Region: 4

Summary by Date	RO	SROI	SROU	LSRO	Total
05/2022	10	1	5	0	16

Sites: ANO, CALL, CNS, CP, DIAB, GG, PALO, RBS, STP, WAT, WC, WNP

Orgs: ALL

Exam Author: ALL

Activity Codes: EXAD, NEXAD, NOV, OV

5/24/2022 3:05:18 PM

IP 21 Operator Licensing Exam Schedule

From 05/01/2022 to 05/07/2022

Phase Code: 2 - Construction, 5 - Operational

Region: 4

Summary by Site	RO	SROI	SROU	LSRO	Total
Palo Verde	10	1	5	0	16

Sites: ANO, CALL, CNS, CP, DIAB, GG, PALO, RBS, STP, WAT, WC, WNP

Orgs: ALL

Exam Author: ALL

Activity Codes: EXAD, NEXAD, NOV, OV

5/24/2022 3:05:18 PM

IP 21 Operator Licensing Exam Schedule

From 05/01/2022 to 05/07/2022

Phase Code: 2 - Construction, 5 - Operational

Region: 4

Summary by Region	RO	SROI	SROU	LSRO	Total
Region 4	10	1	5	0	16

Sites: ANO, CALL, CNS, CP, DIAB, GG, PALO, RBS, STP, WAT, WC, WNP

Orgs: ALL

Exam Author: ALL

Activity Codes: EXAD, NEXAD, NOV, OV

5/24/2022 3:05:18 PM

Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

(1) Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examination scheduled for May 2, 2022 through May 12, 2022, as of the date of my signature. That I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until the completion of examination administration, except as specifically noted below or authorized by the NRC. 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 enforcement action by the NRC against me or the facility licensee, or both. I will immediately report to facility licensee management or the NRC chief examination any indication 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 scheduled to be administered from May 2, 2022 through May 12, 2022. From the date that I entered into this examination 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 or authorized by the NRC.

	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	JOHN RODGERS	EXAM AUTHOR	<i>[Signature]</i>	7-13-21	<i>[Signature]</i>	5/12/22	
2.	JARRED SHAVER	SIM/EXAM SEC. LDR.	<i>[Signature]</i>	7-20-21	<i>[Signature]</i>	5/12/22	1
3.	Allen Marsh	OPs Rep. SIM	<i>[Signature]</i>	8-18-21	<i>[Signature]</i>	5/12/22	1
4.	BRIAN CARPOTSON	EXAM AUTHOR	<i>[Signature]</i>	9-9-21	<i>[Signature]</i>	5/12/22	1
5.	DAVE OLIVER	SIM SUPPORT	<i>[Signature]</i>	10-14-21	<i>[Signature]</i>	5/13/22	1
6.	RUSS RICHARDSON	SIM SUPPORT	<i>[Signature]</i>	10-14-21	<i>[Signature]</i>	5/12/22	1
7.	STANWYN SEEGMILLER	SIM SUPPORT	<i>[Signature]</i>	10-14-21	<i>[Signature]</i>	5/22/22	1
8.	STEVE FOSTER	SHIFT MANAGER	<i>[Signature]</i>	10-30-21	<i>[Signature]</i>	5/12/22	1
9.	KEN WALTER	BP MANAGER	<i>[Signature]</i>	12-1-21	<i>[Signature]</i>	5/12/22	1
10.	ZACH GOLDWASSER	CNS TRAINEE	<i>[Signature]</i>	12-6-21	<i>[Signature]</i>	5/12/22	1

Notes: 1 - SIGNED PER TELCOM *[Signature]*

Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

(1) Pre-Examination

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	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	DEVIN CICINELLI	RO		12/6/21		5/12/22	1
2.	TJ NILLASSON	RO		12/7/21		5/12/22	1
3.	Matt Bradford	RO / STA		12/9/21		5/12/22	1
4.	Randal Carpenter	Nuc TRNG Inst.		12/8/21		5/12/22	1
5.	Brian Latulipe	RO		1/6/22		5/24/22	1
6.	GRADY SESSIONS	RO		1/5/22		5/12/22	1
7.	JEFFREY KULP	RO		1/8/22		5/15/22	1
8.	RYAN BETTENCOURT	RO		1-8-22		5/14/22	1
9.	TIMOTHY L HAWTHORNE	SRO		1/8/2022		5/12/22	1
10.	BRIAN AMSON	SRO		1/14/22		5/12/22	1

Notes: 1- SIGNED PER TELCOM

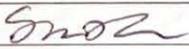
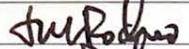
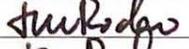
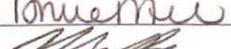
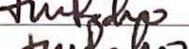
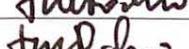
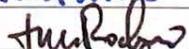
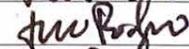
Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

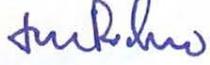
(1) Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examination scheduled for May 2, 2022 through May 12, 2022, as of the date of my signature. That I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until the completion of examination administration, except as specifically noted below or authorized by the NRC. 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 enforcement action by the NRC against me or the facility licensee, or both. I will immediately report to facility licensee management or the NRC chief examination any indication 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 scheduled to be administered from May 2, 2022 through May 12, 2022. From the date that I entered into this examination 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 or authorized by the NRC.

	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	SEAN JORDAN	RO		1-14-22		5/17/22	1
2.	KEVIN BREWER	SRO		1-14-22		5/12/22	1
3.	Tristan Henslee	RO		1-15-22		5/15/22	1
4.	Drew Miller	RO		1-15-22		5/12/22	1
5.	Robert Ruffels	RO		1/18/22		5/12/22	1
6.	Chris Davis	RO		1/18/22		5/12/22	1
7.	Shane Allen	SRO		1/21/22		5/12/22	1
8.	Matt Bayci	RO		1/21/22		5/17/22	1
9.	Dan Bolivar	RO		1/21/22		5/13/22	1
10.	Steven Beerfeldt	SRO		1/24/22		5/12/22	1

Notes: 1 - SIGNATURE PER TELCOM 

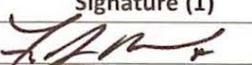
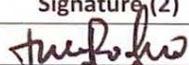
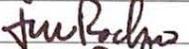
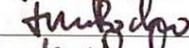
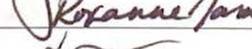
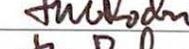
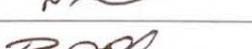
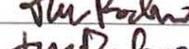
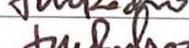
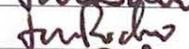
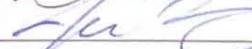
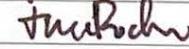
Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

(1) Pre-Examination

I acknowledge that I have acquired specialized knowledge about the U.S. Nuclear Regulatory Commission (NRC) licensing examination scheduled for May 2, 2022 through May 12, 2022, as of the date of my signature. That I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered these licensing examinations from this date until the completion of examination administration, except as specifically noted below or authorized by the NRC. 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 enforcement action by the NRC against me or the facility licensee, or both. I will immediately report to facility licensee management or the NRC chief examination any indication 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 scheduled to be administered from May 2, 2022 through May 12, 2022. From the date that I entered into this examination 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 or authorized by the NRC.

	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	FREDRIC MONTALDO	RO		1/26/22		5/12/22	1
2.	CHRISTOPHER BRUSTON	CRS		1/26/22		5/12/22	1
3.	JON WINNIE	CRS/RO		1/29/22		5/12/22	1
4.	Roxanne James	CRS		1/29/22		5/17/22	1
5.	NICK SHANKS	SRO		2/9/22		5/15/22	1
6.	Bryan Eubank	SRO		2/4/22		5/12/22	1
7.	TIM HEDGECOCK	RO		2-4-22		5/15/22	1
8.	BRADLEE NELSON	SRO		2/4/22		5/15/22	1
9.	KEW FRAUENTHAL	SRO		2/5/22		5/12/22	1
10.	KEVIN BERSE	RO		2/7/22		5/16/22	1

Notes: 1. SIGNED PER TELCOM 

Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

(1) Pre-Examination

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	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	Anthony Minarik	Reactor Operator	<i>[Signature]</i>	2/24/22	<i>[Signature]</i>	5/12/22	-
2.	Ryan Linares	Rx Operator	<i>[Signature]</i>	2/24/22	<i>[Signature]</i>	5/12/22	1
3.	DREW SHINTAKU	SHIFT MANAGER	<i>[Signature]</i>	2/25/22	<i>[Signature]</i>	5/12/22	1
4.	SPENCER HILL	Control Room Supervisor	<i>[Signature]</i>	2/25/22	<i>[Signature]</i>	5/12/22	1
5.	LARRY ESAN	SIM SUPPORT	<i>[Signature]</i>	2/25/22	<i>[Signature]</i>	5/12/22	1
6.	MANI NAJERA	SIM SUPPORT	<i>[Signature]</i>	2/25/22	<i>[Signature]</i>	5/12/22	1
7.	JUSTIN STEWART	OPS TRAINING DL	<i>[Signature]</i>	3/29/22	<i>[Signature]</i>	5/12/22	1
8.	Heather Entzler	OPS Training SL	<i>[Signature]</i>	4/27/22	<i>[Signature]</i>	5/12/22	1
9.	Roger P Lemley Jr	Sr. Nuclear Trans Instructor	<i>[Signature]</i>	4-27-22	<i>[Signature]</i>	5/16/22	1
10.	MARC SMYDEL	OPS TRAINING	<i>[Signature]</i>	4/27/22	<i>[Signature]</i>	5/17/22	1

Notes: 1 - SIGNED PER TELECOM *[Signature]* 2/25/22

Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

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	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	Shanna Good	OPS-Admin	<i>Shanna Good</i>	4/27/22	<i>trubodw</i>	5/12/22	1
2.	Ben Hufman	INSTRUCTOR	<i>BH</i>	4/27/22	<i>trubodw</i>	5/12/22	1
3.	Mike Goodrich	Inst	<i>Mike Goodrich</i>	4/27/22	<i>trubodw</i>	5/12/22	1
4.	Matt Hankins	Instructor	<i>M Hankins</i>	4/27/22	<i>trubodw</i>	5/16/22	1
5.	Samantha Cosenza	Instructor	<i>S Cosenza</i>	4/27/22	<i>trubodw</i>	5/12/22	1
6.	ERIC MILLER	OPS MANAGER	<i>Eric Miller</i>	5/3/22	<i>trubodw</i>	5/12/22	1
7.	ED MONS	INSTRUCTOR	<i>Ed Mons</i>	5/3/22	<i>trubodw</i>	5/12/22	1
8.	NICK STONE	SM	<i>Nick Stone</i>	5/4/22	<i>trubodw</i>	5/12/22	1
9.	ANDREW LISTON	OPS DIRECTOR MGR.	<i>Andrew Liston</i>	5/4/22	<i>trubodw</i>	5/12/22	1
10.	PAUL BURN	OPS DIRECTOR	<i>Paul Burn</i>	5/4/22	<i>trubodw</i>	5/17/22	1

Notes:

1 - SIGNED PER TELCOM 5/3/22 *trubodw*

Form 1.3-1 Examination Security Agreement – 2022 PVNGS NRC Initial License Examination

(1) Pre-Examination

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	Print Name	Job Title	Signature (1)	Date	Signature (2)	Date	Note
1.	RYAN LANE	OPS MGR.	<i>[Signature]</i>	5/4/22	<i>[Signature]</i>	5/12/22	1
2.	JARED SCHANK	SM	<i>[Signature]</i>	5/4/22	<i>[Signature]</i>	5/17/22	1
3.	MATT SIM	CPS	<i>[Signature]</i>	5/4/22	<i>[Signature]</i>	5/17/22	1
4.							
5.							
6.							
7.							
8.							
9.							
10.							

Notes: 1 - SIGNED PER TELECOM *[Signature]* 5/4/22