

VARIOUS CHECKLISTS

FOR THE POINT BEACH INITIAL EXAMINATION - SEPT 2003

ES-201-3

**EXAMINATION SECURITY AGREEMENT
(EVALUATORS OR OTHERS INVOLVED)**

Pre-Examination:

I acknowledge that I have acquired specialized knowledge about the 2003 NRC Initial License Training examination scheduled to be administered during **the week of September 29, 2003**. I agree to not knowingly divulge any information about this examination to any unauthorized persons. An unauthorized person is any individual who has not been approved by an Operations Training Coordinator to receive specialized knowledge of the examination. I understand that I am not to participate in any instruction or tutoring involving those individuals scheduled to be administered this examination 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 an enforcement action against me or the facility licensee.

Post-Examination:

I did not, to the best of my knowledge, divulge any information concerning the examination, administered during **the week of September 29, 2003**, to any unauthorized persons. I did not participate in instructing those licensees who were administered this examination from the date that I entered into the security agreement until the completion of their examination administration.

Name	Pre-Examination Certification	Date	Post-Examination Certification	Date
Michael J. Vane	Michael J. Vane	5.27.2003	Michael J. Vane	10.6.03
Chuck Sizemore	Chuck Sizemore	5/27/03	Chuck Sizemore	10/13/03
Dena Elm	Dena Elm	5/27/03	Dena Elm	10-6-03
Phillip A. Short	Phillip A. Short	6/5/03	Phillip A. Short	10-8-03
Bruce G. Carlson	Bruce G. Carlson	6.9.03	Bruce G. Carlson *	10-13-03
CAROL EVERSEN	Carol Eversen	6/17/03	Carol Eversen	10-06-03
RICK PARLATO	Rick Parlato	6/17/03	Rick Parlato	10/9/03
Robert M Zonachic	Robert J. Zonachic	6/17/03	Robert J. Zonachic	10-8-03
Thomas B. Larson	Thomas B. Larson	6/18/03	Thomas B. Larson	10/10/03
Anthony Heine	Anthony Heine	6/19/03	Anthony Heine	10/6/03
Larry Gremann	Larry Gremann	7/16/03	Larry Gremann	10/7/03
Ken Druska	Ken Druska	7/29/03	Ken Druska	10/7/2003
Harold Siercks	Harold Siercks	8/1/03	Harold Siercks	10-06-03
Randall Amundson	R. C. Amundson	8/1/03	R. C. Amundson	10/13/03

* signed off per telecon.

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Name	Pre-Examination Certification	Date	Post-Examination Certification	Date
S PHILLIPS	<i>SAT Phillips</i>	8-3-3	<i>SAT Phillips</i>	10-11-3
D. Duquesne	<i>[Signature]</i>	8-3-3	<i>[Signature]</i>	10/8/03
DK Watry	<i>Doug K Watry</i>	8/4/03	<i>Doug K Watry</i>	10/6/03
Robert Higgins	<i>Robert Higgins</i>	8/6/03	<i>Robert Higgins</i>	10/6/03
DAVID K. RITTICH	<i>[Signature]</i>	8-7-03	<i>[Signature]</i>	10-6-03
Mike T. Brossler	<i>[Signature]</i>	8-3-3	<i>[Signature]</i>	10-11-3
Rayo Bultz	<i>[Signature]</i>	8/20/03	<i>[Signature]</i>	10/8/03
John Hermann	<i>[Signature]</i>	8/20/03	<i>[Signature]</i>	10-8-03
DAN RAUS	<i>[Signature]</i>	8/21/03	<i>[Signature]</i>	10-13-03
Mike Honzide	<i>[Signature]</i>	8/19/03	<i>[Signature]</i>	10/13/03
MARIO A. MEJIA	<i>[Signature]</i>	8/25/03	<i>[Signature]</i>	10/14/03
Alan Keiff	<i>[Signature]</i>	9/10/03	<i>[Signature]</i>	10/13/03
Rich Zimmerman	<i>[Signature]</i>	9/11/03	<i>[Signature]</i>	10/8/03
Mark Hansen	<i>[Signature]</i>	9/11/03	<i>[Signature]</i>	10/8/03

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Name	Pre-Examination Certification	Date	Post-Examination Certification	Date
Mike Milten	<i>[Signature]</i>	9/19/03	<i>[Signature]</i>	10/6/03
D. SCHOON	<i>[Signature]</i>	9/29/03	<i>[Signature]</i>	10/8/03
S SMITH	<i>[Signature]</i>	9/29/03	<i>[Signature]</i>	10/6/03
Mike Angle	<i>[Signature]</i>	9/29/03	<i>[Signature]</i>	10/6/03
Andrew Zommas	<i>[Signature]</i>	9/29/03	<i>[Signature]</i>	10/6/03
Clay Hill	<i>[Signature]</i>	9/30/03	<i>[Signature]</i>	10/6/03
SKY Bryant	<i>[Signature]</i>	8/3/03	<i>[Signature]</i>	10/6/03

Facility: PBNP		Date of Examination: 9/29-10/3/03		Operating Test Number: 2003301	
1. GENERAL CRITERIA			Initials		
			a	b*	c#
a.	The operating test conforms with the previously approved outline; changes are consistent with sampling requirements (e.g., 10CFR55.45, operational importance, safety function distribution).	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
d.	Overlap with the written examination and between different parts of the operating test is within acceptable limits.	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
2. WALK-THROUGH CRITERIA			---	---	---
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> • initial conditions • initiating cues • references and tools, including associated procedures • reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee • 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 	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
b.	Repetition from operating tests used during the previous licensing examination is within acceptable limits (30% for the walk-through) and do not compromise test integrity.	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
c.	At least 20 percent of the JPMs on each test are new or significantly modified.	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
3. SIMULATOR CRITERIA			---	---	---
a.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.	<i>MS</i>	<i>TL</i>	<i>MSB</i> <i>NAW</i>	
Printed Name / Signature				Date	
a.	Author	<i>Phillip A. Shopt / Phillip A. Shopt</i>		<i>8/8/03</i>	
b.	Facility Reviewer (*)	<i>Thomas G. Larson / Thomas G. Larson</i>		<i>8/8/03</i>	
c.	NRC Chief Examiner (#)	<i>Nicholas A. Vaky / Nicholas A. Vaky, Michael Bielby / Michael Bielby</i>		<i>9/24/03</i>	
d.	NRC Supervisor	<i>Dell R. McNeil / Dell R. McNeil (Per RLD)</i>		<i>9/24/03</i>	
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.					

Facility: PBNP		Date of Exam: 9/29-10/3/03		Scenario Numbers: 1 / 2		Operating Test No: 2003301			
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.								
2.	The scenarios consist mostly of related events.								
3.	Each event description consists of <ul style="list-style-type: none"> the point in the scenario when it is to be initiated the malfunction(s) 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) 								
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated into the scenario without a credible preceding incident such as a seismic event.								
5.	The events are valid with regard to physics and thermodynamics.								
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objective.								
7.	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.								
8.	The simulator modeling is not altered.								
9.	The scenarios have been validated. Pursuant to 10 CFR 55.46(d), any open simulator performance deficiencies have been evaluated to ensure that functional fidelity is maintained while running the planned scenarios.								
10.	Every operator will be evaluated using at least one new or significantly modified scenario. All other scenarios have been altered in accordance with Section D.5 of ES-301.								
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).								
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).								
13.	The level of difficulty is appropriate to support licensing decisions for each position.								
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.5.d)							Actual Attributes		
1.	Total malfunctions (5-8)	6	1	6	-				
2.	Malfunctions after EOP entry (1-2)	2	1	2	-				
3.	Abnormal transients (2-4)	4	1	4	-				
4.	Major transients (1-2)	1	1	2	-				
5.	EOPs entered/requiring substantive actions (1-2)	1	1	2	-				
6.	EOP contingencies requiring substantive actions (0-2)	1	1	0	-				
7.	Critical tasks (2-3)	2	1	2	-				

OPERATING TEST NO.: 2003301

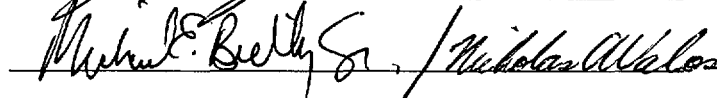
Applicant Type	Evolution Type	Minimum Number	Scenario Number							
			1		2		3		4	
			RO	BOP	RO	BOP	RO	BOP	RO	BOP
RO	Reactivity	1*	N/A	N/A	5	N/A				
	Normal	1*	N/A	N/A	N/A	5				
	Instrument / Component	4*	2,3,4,6	1,6,7	3,4,7	1,2,9				
	Major	1	5	5	6,8	6,8				
As RO	Reactivity	1*	N/A	N/A	5	N/A				
	Normal	0	N/A	N/A	N/A	5				
	Instrument / Component	2*	2,3,4,6	1,6,7	3,4,7	1,2,9				
	Major	1	5	5	6,8	6,8				
SRO-I	Reactivity	0	N/A	N/A						
	Normal	1*	N/A		5					
	Instrument / Component	2*	1-4,6,7		1-4,7,9					
	Major	1	5		6,8					
As SRO	Reactivity	0	N/A	N/A						
	Normal	1*	N/A		N/A					
	Instrument / Component	2*	N/A		N/A					
	Major	1	N/A		N/A					
SRO-U	Reactivity	0	N/A	N/A						
	Normal	1*	N/A		N/A					
	Instrument / Component	2*	N/A		N/A					
	Major	1	N/A		N/A					

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
 - (2) 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 instrument or component malfunctions on a one-for-one basis.
 - (3) 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 requirement.

Author:



NRC Reviewer:



Competencies	SRO				RO				BOP			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	1-6	1-4, 6-8			2-6	3,4, 6-8			1,4, 6,7	1,2, 8,9		
Comply With and Use Procedures (1)	1-6	1-8			2-6	3-8			1,4, 6,7	1,2, 5,6, 8,9		
Operate Control Boards (2)	N/A	N/A			2-6	3-8			1,6, 7	1,2, 5,6, 8,9		
Communicate and Interact	All	All			2-6	3-8			1, 4-7	1,2, 4-6, 8-9		
Demonstrate Supervisory Ability (3)	All	All			N/A	N/A			N/A	N/A		
Comply With and Use Tech. Specs. (3)	1-5, 7	1-4, 8			N/A	N/A			N/A	N/A		
Notes:												
(1) Includes Technical Specification compliance for an RO.												
(2) Optional for an SRO-U												
(3) Only applicable to SROs.												

Instructions:

Circle the applicant's license type and enter one or more event numbers that will allow the examiners to evaluate every applicable competency for every applicant.

Author:

Michael E. Bell

NRC Reviewer:

Michael E. Bell & Nicholas A. Wilson

Facility: PBNP		Date of Exam: 9/29-10/3/03			Exam Level: RO/SRO			
Item Description					Initial			
					a	b*	C#	
1.	Questions and answers technically accurate and applicable to facility				PS	MA	MCB MAU	
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available				PS	MA	MCB MAU	
3.	SRO questions are appropriate per Section D.2.d of ES-401				PS	MA	MCB MAU	
4.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process				PS	MA	MCB MAU	
5.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input type="checkbox"/> the audit exam was systematically and randomly developed; or <input checked="" type="checkbox"/> the audit exam was completed before the license exam was started; or <input type="checkbox"/> the examinations were developed independently; or <input type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)				PS	MA	MCB MAU	
6.	Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest modified); enter the actual RO / SRO-only question distribution(s) at right	Bank	Modified	New	PS	MA	MCB MAU	
		19/9	3/5	53/11				
7.	Between 50 and 60 percent of the questions on the RO exam are written at the comprehension/analysis level; the SRO exam may exceed 60 percent if the randomly selected K/As support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right	Memory	C/A		PS	MA	MCB MAU	
		30 / 10	45 / 15					
8.	References/handouts provided do not give away answers				PS	MA	MCB MAU	
9.	Question content conforms with specific K/A statements in the previously approved examination outline and is appropriate for the Tier to which they are assigned; deviations are justified				PS	MA	MCB MAU	
10.	Question psychometric quality and format meet ES, Appendix B, Guidelines				PS	MA	MCB MAU	
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet				PS	MA	MCB MAU	
a.	Author	Printed Name / Signature: Phillip A. Short / <i>[Signature]</i>					Date:	8/8/03
b.	Facility Reviewer(*)	Chuck Sizemore / <i>[Signature]</i>						8/8/03
c.	NRC Chief Examiner(#)	Nicholas A. Valas / <i>[Signature]</i> / Albin Michael Bielby / <i>[Signature]</i> / Michael E. Burt / <i>[Signature]</i>						9/24/03
d.	NRC Regional Supervisor	Dell R. McNeil / <i>[Signature]</i> (for RDL)						9/24/03
Note: * The facility reviewer's initials/signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.								

Facility: Point Beach		Date of Exam: 10/03/03		Exam Level: (RO)SRO	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	NAV	N/A	MES		
2. Answer key changes and question deletions justified and documented	N/A	N/A	N/A		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	NAV	N/A	MES		
4. Grading for all borderline cases (80 +/- 2% overall and 70 +/- 4% on the SRO-only) 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 half or more of the applicants	NAV	N/A	MES		
Printed Name / Signature		Date			
a. Grader	Nicholas A. Valos / <i>Nicholas A. Valos</i>	10-8-03			
b. Facility Reviewer(*)	N/A	N/A			
c. NRC Chief Examiner (*)	Michael E. Bielbs Sr / <i>Michael E. Bielbs Sr</i>	10/8/03			
d. NRC Supervisor (*)	Dell R. McNeil / <i>Dell R. McNeil (for RDL)</i>	10/8/03			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

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Printed Name / Signature		Date			
a. Grader	<u>Nicholas A. Valos / Nicholas A Valos</u>	<u>10-8-03</u>			
b. Facility Reviewer(*)	<u>N/A</u>	<u>N/A</u>			
c. NRC Chief Examiner (*)	<u>Michael E. Bielby, Sr / Michael E. Bielby Sr</u>	<u>10/8/03</u>			
d. NRC Supervisor (*)	<u>Sell R. McNeil / Sell R. McNeil (for test)</u>	<u>10/8/03</u>			
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