ES-201	Examination	Preparation Checklist	Form ES	-201-1
				-ZUI-I

	PBAPS Date of Examina	tion 12/2 11/2	7/.
Develope	d by: Written - Facility NRC // Operating - Facility NRC	tion: <u>12/7-11/30</u> 12/16/2009	09 (op (
Target Date*	Task Description (Reference)	Chief Examiner's Initials	
-180	Examination administration date confirmed (C.1.a; C.2.a and b)	TF	1
-120	NRC examiners and facility contact assigned (C.1.d; C.2.e)	TF	
-120	Facility contact briefed on security and other requirements (C.2.c)	Tr	1
-120	4. Corporate notification letter sent (C.2.d)	TF	-
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 2)]		
{-75}	 Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d) 	NA TE	-
{-70}	{7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)}	TP	
{-45}	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6, and any Form ES-201-3 updates), and reference materials due (C.1.e, f, g and h; C.3.d)	TF	į
-30	Preliminary license applications (NRC Form 398's) due (C.1.I; C.2.g; ES-202)	TF	
-14	 Final license applications due and Form ES-201-4 prepared (C.1.I; C.2.i; ES-202) 	TF	
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	TF	·
-14	12. Examinations reviewed with facility licensee (C.1.j, C.2.f and h, C.3.g)	T	
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	TF	
-7	 Final applications reviewed; 1 or 2 (if >10) applications audited to confirm qualifications / eligibility; and examination approval and waiver letters sent (C.2.i; Attachment 4; ES-202, C.2.e; ES-204) 	TF	
-7	 Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k) 	1F	
-7	 Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i) 	TF	

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

[Applies only] {Does not apply} to examinations prepared by the NRC.

Facilit	y: Pead	ch Bottom Date of Examination: 12/7	/2009	- ,,,,,,	-
Item		Task Description		Initials	
	ļ		а	b*	c#
1. W	a.	Verify that the outline(s) fit(s) the appropriate model, in accordance with ES-401.	FB	M	TF
R	b.	Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all K/A categories are appropriately sampled.	AB	gry	A
T T E	C.	Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	FB	gu	4
N	d.	Assess whether the justifications for deselected or rejected K/A statements are appropriate.	FB	M	TF
2. S	а.	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.	FB	84	TF
I M U L A T	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 scenarios will not be repeated on subsequent days.	FB	94	TF
O R	C.	To the extent possible, assess whether the outline(s) conform(s) with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D.	FB	DU	TF
3. W / T	a.	Verify that the systems walk-through outline meets the criteria specified on Form ES-301-2: (1) the outline(s) contain(s) 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 no tasks are duplicated from the applicants' audit test(s) (4) the number of new or modified tasks meets or exceeds the minimums specified on the form the number of alternate path, low-power, emergency, and RCA tasks meet the criteria on the form	Fo	84	Œ
	b. c.	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 Determine if there are enough different outlines to test the projected number and mix	FB	84	TF.
	· · ·	of applicants and ensure that no items are duplicated on subsequent days.	fB	PU	78
4.	a.	Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	FB	orig	4
G E	b.	Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	FØ	810	T
N E	C.	Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	FB	800	10
R	d.	Check for duplication and overlap among exam sections.	FB	844	18
A L	e.	Check the entire exam for balance of coverage.	FB	SOC	18
	f.	Assess whether the exam fits the appropriate job level (RO or SRO).	FB	gra	18
b. Fa c. Ni d. Ni	RC Chi RC Sup	reviewer (*) ef Examiner (#) Dervisor Fred J. Bruns / Printed Name / Signature Fred J. Bruns / Jim M. Kovalchick / Jim M.	7 08 1/8/ 1/8/	109 9 31/0 109	9
NOTE:	:	# Independent NRC Reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines.			

. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 1917-1919/103 of the date these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and may have been compromised.

. Post-Examination

instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted during the week(s) of 12/2-12/18/10/9 From the date that I entered into this security agreement until the completion of examination administration, I did not To the best of my knowledge,, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered below and authorized by the NRC.

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DATE NOTE	100 tes e	per em
DATE (SING)	10/2/ ME NE	Siece Sie Siece Siece Sie Sie Sie Sie Sie Sie Sie Sie Sie Si
IRE (2)	Euch Gradet	Cumandes Cumandes Sestendes Cumandes Ca
SIGNATURE (2)		or Jan
0/1/09 6/1/09 6-1-09 6-1-09	6/2/2	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
SIGNATURE (1)	We have all color	May Smell
JOB TITLE / RESPONSIBILITY Exam Metalle Gamin Support Simulator Coordinator	14-60 50 Prout 10 2020 TEN PEWE	Simulatar Support
1. FLED BUNS 2. JOHN A Verhill. 3. Michele Ambriman 4. Kudy Tyler	5. A Sheen Khakan 6. JAMES KOVALCHCK 7. Viginia Billings 8. TAY W LYTER 9. BILL WAS	11. ST (EXNOLD S 12. Belan Chambés 13. Watt Geers. 14. J. A. A. Cucz J. Bried 15. TROY ARNOLD NOTES:

Form ES-201-3	
Examination Security Agreement	
ES-201	

. Pre-Examination

acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 12/12/18/8 of the date these licensing examinations from this date until completion of examination administration, except as specifically noted below and authorized by the NRC NRC chief examiner. I understand that I am not to instruct, evaluate, or provide performance feedback to those applicants scheduled to be administered of my signature. I agree that I will not knowingly divulge any information about these examinations to any persons who have not been authorized by the (e.g., acting as a simulator booth operator or communicator is acceptable if the individual does not select the training content or provide direct or indirect the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security understand that violation of the conditions of this agreement may result in cancellation of the examinations and/or an enforcement action against me or feedback). Furthermore, I am aware of the physical security measures and requirements (as documented in the facility licensee's procedures) and may have been compromised.

Post-Examination

instruct, evaluate, or provide performance feedback to those applicants who were administered these licensing examinations, except as specifically noted during the week(s) of 2/2/3/18/6 From the date that I entered into this security agreement until the completion of examination administration, I did not To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered below and authorized by the NRC.

DATE SIGNATURE (2) DATE NOTE 10/14/09 20 Email 20/14/09
SIGNATURE (1) MACOUNTY PORTION LOCATA OF ALMOST CONTRACTOR CON
JOB TITLE / RESPONSIBILITY Senior Reactor Operator Benior Reactor Operator Reacto
PRINTED NAME 1. Nilliam Zuepe 2. Scott Posis 3. Tree Perform 4. Scott Meers 5. Christ Cally Control 6. Christ Cally Control 8. Lohn I Colly to 9. Ee Inc Euter 9. Ee Inc Euter 12. 113. 114. 115. 115.

Facility	y: <u>Peach Bottom</u>	Date of Examination: 12/7/2009 Operating Test N	umber:		
		1. GENERAL CRITERIA		Initials	
a.	The operating test confo	orms with the previously approved outline; changes are consistent with	a	b*	c#
	sampling requirements (e.g., 10 CFR 55.45, operational importance, safety function distribution).	FB	gru	TF
b.	There is no day-to-day rethis examination.	epetition between this and other operating tests to be administered during	FB	gru	TF
C.	The operating test shall	not duplicate items from the applicants' audit test(s)(see Section D.1.a).	FB	SMC	TF
d.	Overlap with the written acceptable limits.	examination and between different parts of the operating test is within	FB	gu	TF
е.	It appears that the opera applicants at the designation	ating test will differentiate between competent and less-than-competent ated license level.	FB	844	TF
		2. WALK-THROUGH CRITERIA			
a.	reasonable and val designation if deem operationally impor detailed exper system respor statements de criteria for suc identification o	Is, including associated procedures lidated time limits (average time allowed for completion) and specific ned to be time critical by the facility licensee tant specific performance criteria that include: cted actions with exact criteria and nomenclature nese and other examiner cues iscribing important observations to be made by the applicant excessful completion of the task of critical steps and their associated performance standards the sequence of steps, if applicable	F&	94	TF
b.	outlines (Forms ES-301-	s from the previously approved systems and administrative walk-through 1 and 2) have not caused the test to deviate from any of the acceptance ution, bank use, repetition from the last 2 NRC examinations) specified in ES-201-2.	FB	gre	14
		3. SIMULATOR CRITERIA			
	ssociated simulator operating ES-301-4 and a copy is attac	tests (scenario sets) have been reviewed in accordance with hed.	FB	24	TF
b. Fa		Des M. Kovalchick Could Full Sam Hansell Led		Date 18 09 18 6 13 6 11 6	19 19 19 19
NOTE:	 * The facility signature is # Independent NRC revi 	not applicable for NRC-developed tests ewer initial items in Column "c"; chief examiner concurrence is required.			

Facility	y: Peach Bottom Date of Exam: 12/7/2009 Scena	ario Numbers: 1 / 2	/3 Operating T	rest Nu	mber:	ť						
	QUALITATIVE ATTRIBUTES				Initials	3						
				а	b*	c#						
1.	FB	gre	14									
2.	The scenarios consist mostly of related events.											
3.	FB	8m	TF									
4.	No more than one non-mechanistic failure (e.g., pipe break) is without a credible preceding incident such as a seismic event	incorporated into the	ne scenario	FB	gur	TF						
5.	The events are valid with regard to physics and thermodynam	ics.		FB	guy	TF						
6.	Sequencing and timing of events is reasonable, and allows the complete evaluation results commensurate with the scenario	e examination team objectives.	to obtain	FB	gus	75						
7.												
8.	The simulator modeling is not altered.			FB	824	15						
9.	The scenarios have been validated. Pursuant to 10CFR55.46 performance deficiencies or deviations from the referenced pl to ensure that functional fidelity is maintained while running the	ant have been evalu	uated	FB	gue	78						
10.	Every operator will be evaluated using at least one new or signal other scenarios have been altered in accordance with Section 2015.	nificantly modified sition D.5 of ES-301.	cenario.	FB	que	TF						
11.	All individual operator competencies can be evaluated, as ver (submit the form along with the simulator scenarios).	ified using Form ES	-301-6	FB	ony	TF						
12.	Each applicant will be significantly involved in the minimum nu specified on Form ES-301-5 (submit the form with the simulate	ımber of transients a or scenarios).	and events	FB	Bul	TF						
13.	The level of difficulty is appropriate to support licensing decision	ons for each crew p	osition.	18	×μ.	TF						
	Target Quantitative Attributes (Per Scenario; See Section D.	5.d) Ac	tual Attributes		<u> </u>							
1.	Total malfunctions (5-8)		7/6/9	FB	gu	TF						
2.	Malfunctions after EOP entry (1-2)		3 / 2 / 3	88	any	TF						
3.	Abnormal events (2-4)		2/3/2	FB	gry	TF						
4.												
5.	EOPs entered/requiring substantive actions (1-2)		2/1/2	98 98	804	TF						
6.	EOP contingencies requiring substantive actions (0-2)		1/1/2	6	Jul	TF						
7.	Critical tasks (2-3)	· · · · · · · · · · · · · · · · · · ·	3 / 2 / 3	18	Sul	45						

Facility	Peach Bottom Date of Exam: 12/7/2009 Scenario Numbers	:4/ /	Operating 1	est Nur	mber:									
	QUALITATIVE ATTRIBUTES				Initials	3								
	a	b*	c#											
1.	FB	8rc	TF											
2.	The scenarios consist mostly of related events.													
3.	3. Each event description consists of • 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 symptoms/cues that will be visible to the crew the expected operator actions (by shift position) 													
	 the expected operator actions (by shift position) the event termination point (if applicable) 													
4,														
5.	The events are valid with regard to physics and thermodynamics.			F86	SU	15								
6.	The state of the s													
7.														
8.	The simulator modeling is not altered.		FB	BM	TF									
9.	The scenarios have been validated. Pursuant to 10CFR55.46(d), any performance deficiencies or deviations from the referenced plant have to ensure that functional fidelity is maintained while running the planner.	been evaluat	or led	FB	84	TF								
10.	Every operator will be evaluated using at least one new or significantly All other scenarios have been altered in accordance with Section D.5	modified sce of ES-301.	nario.	185	XM,	TF								
11.	All individual operator competencies can be evaluated, as verified usin (submit the form along with the simulator scenarios).	ng Form ES-3	01-6	FB	Dry.	TF								
12.	Each applicant will be significantly involved in the minimum number of specified on Form ES-301-5 (submit the form with the simulator scena	transients and	d events	18	8ms	TF								
13.	The level of difficulty is appropriate to support licensing decisions for e	ach crew pos	ition.	18	824	TF								
	Target Quantitative Attributes (Per Scenario; See Section D.5.d)	Actu	al Attributes			Ī								
1.	Total malfunctions (5-8)	6	1 1	FB	gui	TF								
2.	Malfunctions after EOP entry (1-2)	2	1 1	Po	BU	TF								
3.	Abnormal events (2-4) 2 / /													
4.	Major transients (1-2)	1	1 1	AB	Ju	77								
5.	EOPs entered/requiring substantive actions (1-2)	2	1 1	FB	Du	7/6								
6.	EOP contingencies requiring substantive actions (0-2)	1 1	180	Jus	1									
7.	Critical tasks (2-3)	2	1 1	FO	all	1								

ES-301 Transient and Event Checklist Form ES-301-5

Facility:													ng Te	Test Number:			
A P	E V							S	cenario	os						····	<u> </u>
APPL-CA N T	E V E N T		1			2			3			4		T Q T		M	-
Ċ	т т	Р	CREW OSITIC) N	P	CREW OSITIO	i N	Р	CREW OSITIO	/ ON	P	CREW) N	T A L		N I	
N T	Y P E	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	-		M U M(*)	
RO #1	RX		2						<u></u>						R	ı	U
SRO-I	NOR		-				1			<u></u>				1 1	1	1	0
	I/C		3,6,8				4,8							5	4	4	2
SRO-U	MAJ		7				6							2	2	2	1
	TS								•						0	2	2
RO #2	RX					5								1	1	1	0
SRO-I	NOR			1									-	1	1	1	1
SRO-U	I/C			3,4,9		2,7						-		5	4	4	2
	MAJ			7		6		!						2	2	2	1
	TS														0	2	2
RO	RX														1	1	0
SRO-I	NOR				·										1	1	1
SRO-U	I/C			-											4	4	2
	MAJ														2	2	1
	TS			_											0	2	2
RO ⊠	RX												-		1	1	0
SRO-I	NOR														1	1	1
SRO-U	I/C														4	4	2
	MAJ														2	2	1
	TS			Ţ											0	2	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 must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position.
- 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 1-for-1 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.

ES-301 Transient and Event Checklist Form ES-301-5

Facility:													ng Te	g Test Number:				
A P P	E V				,	-		S	cenario	s								
P L I	E V E N T		1			2			3			4		TO		M I		
L-CANT	Т	P	CREW OSITIO) N	P	CREW	, N	Р	CREW	/ ON	Р	CREW OSITIO	/ DN	Ā		N I M		
T	Y P E	S R O	A T C	B O P	SRO	A T C	B O P	S R O	A T C	B O P	S R O	A T C	BOP			U M(*)	U	
RO	RX	2				5								2	1 R	1	0	
SRO-I	NOR	1												1	1	1	1	
⊠ 1, 4, 7	I/C	3,4,6, 8,9				2,7								7	4	4	2	
SRO-U	MAJ	7				6								2	2	2	1	
	TS	3,5												2	0	2	2	
RO	RX		2					4						2	1	1	0	
SRO-I	NOR							1						1	1	1	1	
⊠ 2, 5, 8	T/C		3,6,8					2,3,6, 7,8						8	4	4	2	
SRO-U	MAJ		7			-		5						2	2	2	1	
	TS							1,3						2	0	2	2	
RO □	RX				5				4				"	2	1	1	0	
SRO-I	NOR				1					·				1	1	1	1	
⊠ 3, 6, 9	I/C				2,4,7,8		·		2,6,7					7	4	4	2	
SRO-U	MAJ				6				5					2	2	2	1	
	TS				3,4									2	0	2	2	
RO □	RX														1	1	0	
SRO-I	NOR														1	1	1	
SRO-U	I/C														4	4	2	
	MAJ							•							2	2	1	
	TS														0	2	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 must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in the ATC position.
- 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 1-for-1 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.

ES-301 Transient and Event Checklist Form ES-301-5

Facility: Peach Bottom Date of Exam: 12/7/2009 Operating Test Number: Scenarios														er:			
A P P.	EV							Sc	enario	s							
P Ļ	E V E N T		1			2		3				4		TO		M	
L-CAZT	_T	P	CREW	N	P	CREW OSITIC	N	P	CREW	, N	P	CREW	, N	T A L		N I M	
T	Y P E	SRO	A T C	B O P	SR O	A T C	B O P	SRO	A T C	B O P	SRO	A T C	B O P	-	R	Ü M(*)) I U
RO	RX	2				•								1	1	1	0
SRO-I	NOR	1												1	1	1	1
	I/C	3,4,6, 8,9												5	4	4	2
SRO-U ⊠	MAJ	7												1	2	2	1
1	TS	3,5												2	0	2	2
RO	RX				5									1	1	1	0
SRO-I	NOR				1							-		1	1	1	1
SRO-U	I/C				2,4,7,8				•					4	4	4	2
\boxtimes	MAJ				6									1	2	2	1
2	TS				3,4									2	0	2	2
RO	RX														1	1	0
	NOR														1	1	1
	I/C														4	4	2
SRO-U	MAJ														2	2	1
	TS														0	2	2
RO	RX														1	1	0
SRO-I	NOR														1	1	1
SRO-U	I/C														4	4	2
	MAJ TS														2	2	1
	13														0	2	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 must do one scenario, including at least two instrument or component (I/C) malfunctions and one major transient, in 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 instrument or component malfunctions on a 1-for-1 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.

Facility: Peach Bottom	Date of Examin				nation: 12/7/2009					Operating Test No.:						
	APPLICANTS															
Competencies	RO 🖂 SRO-I 🗍 SRO-U 🗍			RO □ SRO-I ⊠ SRO-U □			RO □ SRO-I □ SRO-U ⊠			RO 🗌 SRO-I 🗍 SRO-U 🗍						
	SCENARIO			SCENARIO			SCENARIO			SCENARIO						
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/ Diagnose Events and Conditions	2-9	2-8	1-8		2-9	2-8	1-8		2-9	2-8						
Comply With and Use Procedures (1)	1-9	1-8	1-8		1-9	1-8	1-8		1-9	1-8			:			
Operate Control Boards (2)	1-4 6-9	1-2 4-8	1-8		1-4 6-9	1-2 4-8	1-8									
Communicate and Interact	1-9	1-8	1-8		1-9	1-8	1-8		1-9	1-8						
Demonstrate Supervisory Ability (3)					1-9	1-8	1-8		1-9	1-8						
Comply With and Use Tech Specs. (3)					3,5	3,4	1,3		3,5	3,4						

Notes:

- (1) Includes Technical Specification compliance for an RO.
- (2) Optional for an SRO-U.
- (3) Only applicable to SROs.

Instructions:

Check 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.

Facility: Peach Bottom Date of Exam: 12/7/2009 Exam Level: RO ⊠ SRO ⊠										
,		Initial								
Item Description									c#	
1.	Questions and answers are	FB	qu	TF						
2.	'									
	b. Facility learning objective	110	ony	15						
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401								74	
4.	The sampling process was random and systematic (If more than 4 RO or 2 SRO questions were repeated from the last 2 NRC licensing exam, consult the NRR OL program office).								TF	
5.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: the audit exam was systematically and randomly developed; or the audit exam was completed before the license exam was started; or the examinations were developed independently; or X the licensee certifies that there is no duplication; or other (explain)							gru	で	
6.	Bank use meets limits (no		Bank	Modi	fied	New	-			
from the bank, at least 10 per new or modified); enter the ac question distribution(s) at righ		actual RO / SRO-only	30/7	14/9		31/9	FB	ory	TF	
7.	Between 50 and 60 percent of the guestions on the RO Memory C/A									
	exam are written at the comprehension /analysis level; the SRO exam may exceed 60 percent if the randomly selected KAs support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.							one	TF	
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.								TF	
 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 							FB	gu	TF	
10.	10. Question psychometric quality and format meet the guidelines in ES Appendix B.							84	TF	
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet						FB	ØU	TF	
Printed Name / Signature								D	ate	
a. Author Fred J. Bruns /								11/18/09		
b. Facility Reviewer (*) James M. Kovalchick I Communication of the second of the sec							11/	18/09		
c. NRC Chief Examiner (#) Tobo FISH Judd Fush 1								11	23/09	
d. NR	C Regional Supervisor	Sam Hansel	\mathbb{Z}/\mathbb{Z}		X	00	2/	121	1/09	
Note:	* The facility reviewer's in	nitials/signature are not applica	ble for NRC-0	develop	ed ex	aminations.				

Facility: Peach Bottom Date of Exam: 12/07/2009 Exam Level: RO ⊠ SRO ⊠									
		Initials							
	а	b	С						
1.	Clean answer sheets copied before grading								
2.	2. Answer key changes and question deletions justified and documented None								
3.	 Applicants' scores checked for addition errors (reviewers spot check >25% of examinations) 								
4.	Grading for all bord as applicable, ± 4%	FB	9m	NA					
5.	5. All other failing examinations checked to ensure that grades are justified								
6.	FB	gn.	TF						
		Da	ate						
a. Author b. Facility Reviewer(*) c. NRC Chief Examiner(*) d. NRC Supervisor(*) Fred Bruns John McClintock Oawd 5: Ik TODD F(5H) John Han 5ell Sam Han 5ell					12/17/2009 12/17/2009 12/24/09 12/23/09 12/24/09				
(*)									