

Assignment Tickler: Gary Johnston, CW IN EX

Replaces NUREG-1021, Revision 8, Supplement 1 ES Forms 201-1 and 501-1

Due Date	Chief	Facility/ Task	Description	Date Complete	Notes
10/18/03	GWJ	CW IN EX	Exam/Inspection Schedule Agreement (C.1.a;C.2.a&b)	N/A	
10/18/03	GWJ	CW IN EX	NRC Staff & Fac. Contact Assigned (C.1.c;C.2.e)	N/A	
10/18/03	GWJ	CW IN EX	Facility contact briefed on security & other issues (C.2.c)	10/23	
10/18/03	GWJ	CW IN EX	Corp. Notification Letter Sent (C.2.d) (Exams only)	10/—	
1/16/04	GWJ	CW IN EX	Inspection Announcement Letter Sent (PIR & LORT if req'd)	N/A	
12/2/03	GWJ	CW IN EX	Task Expectations, Issues, & Standards Discussed w/ BC	10/23	
11/2/03	GWJ	CW IN EX	[Reference Material Due (C.1.d;C.3.c)	11/28/03	
11/2/03	GWJ	CW IN EX	Integrated Exam Outlines Due (C.1.d&e;C.3.d)	1/5/04	
11/16/03	GWJ	CW IN EX	Outlines reviewed by NRC & Feedback Sent (c.2.h;C.3.e)	12/10/03	
1/31/04	GWJ	CW IN EX	Preliminary Applications Due (C.1.j;C.2.g;ES202)	1/30/04	
1/1/04	GWJ	CW IN EX	Draft Exams w/ Doc./Ref. Due (C.1.d/e/f;C.3.d)	1/6/04	
1/11/04	GWJ	CW IN EX	Peer Reviewer Initials As Reviewed All Parts*	1/2/04	
1/11/04	GWJ	CW IN EX	NRC Supervisor. Initials Approving for Fac. Rev. (C.2.h;C.3.f)*	1/28/04	
1/11/04	GWJ	CW IN EX	Exams Reviewed w/ Fac. (C.1.h;C.2.f&h;C.3.g)	2/2/04	
2/16/04	GWJ	CW IN EX	Final Appl. Due & Assign. Sheet Prepared (C.1.j;C.2.h;ES202)	2/19/04	
2/23/04	GWJ	CW IN EX	NRC Supervisor Approved Final Exams (C.2.i;C.3.h)*	2/23/04	
2/9/04	GWJ	CW IN EX	Director debrief (PIR Only)	N/A	
2/23/04	GWJ	CW IN EX	Final Appl. Rec'd & Waivers Sent (C.2.g)	2/19/04	
2/23/04	GWJ	CW IN EX	Proctor Rules Reviewed w/ Fac. & Written Authorized (C.3.k)	2/19/04	

2/23/04	GWJ	CW IN EX	Exam/Insp Material to Team (C.3.i)	3-27-04	
3/13/04	GWJ	CW IN EX	Fac. graded exam & Comments Rec'd	3/15/04	
3/1/04	GWJ	CW IN EX	Administer Exam/Conduct Inspection	3/8/04	
3/16/04	GWJ	CW IN EX	NRC Written Grading Completed	3/16/04	
3/16/04	GWJ	CW IN EX	Examiners Finished Grading Op. Tests	3/15/04	
3/26/04	GWJ	CW IN EX	NRC Ch. Ex. Review Completed	3/15/04	
3/27/04	GWJ	CW IN EX	NRC BC Review Completed*	4/10/04	
4/1/04	GWJ	CW IN EX	RPS/IP # Examinees Updated Before Report Issued	-	
4/1/04	GWJ	CW IN EX	License/Denials Signed & Report Issued	4/16/04	
4/22/04	GWJ	CW IN EX	Package Closed Out	2/21/05	
5/30/04	GWJ	CW IN EX	Chief QA of ADAMS	2/21/05	

Facility: Callaway		Date of Examination: March 2004		
Item	Task Description	Initials		
		a	b*	c#
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model per ES-401.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	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.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
2. S I M	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, and major transients.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	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; ensure 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 ever successive on subsequent days.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	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.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
3. W /	a. Verify that: (1) the outline(s) contain(s) the required number of control room and in-plant tasks, (2) no more than 30% of the test material is repeated from the last NRC examination, (3)* no tasks are duplicated from the applicants' audit test(s), and (4) no more than 80% of any operating test is taken directly from the licensee's exam banks.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	b. Verify that: (1) the tasks are distributed among the safety function groupings as specified in ES-301, (2) one task is conducted in a low-power or shutdown condition, (3) 40% 4-6 (2-3 for SRO-U) of the tasks require the applicant to implement an alternate path procedure, (4) one in-plant task tests the applicant's response to an emergency or abnormal condition, and (5) the in-plant walk-through requires the applicant to enter the RCA.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	c. Verify that the required administrative topics are covered, with emphasis on performance-based activities.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	d. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on successive subsequent days.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	e. Verify that the required administrative topics are covered, with emphasis on performance-based activities.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
4. G E N E R A L	a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	d. Check for duplication and overlap among exam sections.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	e. Check the entire exam for balance of coverage.	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>
Printed Name / Signature		Date		
a. Author	ROBERT A. NELSON <i>[Signature]</i>	2/11/04		
b. Facility Reviewer(*)	S.M. PUTTHOFF <i>[Signature]</i>	2/11/2004		
c. NRC Chief Examiner (#)	G.W. Johnston <i>[Signature]</i>	2/11/2004		
d. NRC Supervisor	A.T. GODY <i>[Signature]</i>	2/23/04		
(*) Not applicable for NRC-developed examinations.				
(#) Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.				

Facility:		Date of Exam:		Exam Level: RO/SRO																											
Item Description				Initial																											
				a	b*	c#																									
1.	Questions and answers technically accurate and applicable to facility			JAN	SMP	GA																									
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			JAN	SMP	GA																									
3.	RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401			JAN	SMP	GA																									
4.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process			JAN	SMP	GA																									
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 type="checkbox"/> the audit exam was completed before the license exam was started; or <input checked="" 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)			JAN	SMP	GA																									
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	JAN	SMP																									
		27/5	22/7	26/13																											
7.	Between 50 and 60 percent of the questions on the RO exam (including 10 new questions) 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		JAN	SMP																									
		32/8	43/17																												
8.	References/handouts provided do not give away answers			JAN	SMP	GA																									
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			JAN	SMP	GA																									
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			JAN	SMP	GA																									
11.	The exam contains 400; the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet			JAN	SMP	GA																									
<table border="0"> <tr> <td colspan="3"></td> <td>Printed Name / Signature</td> <td>Date</td> </tr> <tr> <td>a. Author</td> <td colspan="2">ROBERT A. NELSON</td> <td><i>Robert A. Nelson</i></td> <td>2/11/04</td> </tr> <tr> <td>b. Facility Reviewer (*)</td> <td colspan="2">S.M. PUTTHAP</td> <td><i>S.M. Putthap</i></td> <td>2/11/2004</td> </tr> <tr> <td>c. NRC Chief Examiner (#)</td> <td colspan="2">G.W. Johnston</td> <td><i>G.W. Johnston</i></td> <td>2/11/2004</td> </tr> <tr> <td>d. NRC Regional Supervisor</td> <td colspan="2">A.T. GORDY</td> <td><i>A.T. Gordy</i></td> <td>2/12/04</td> </tr> </table>										Printed Name / Signature	Date	a. Author	ROBERT A. NELSON		<i>Robert A. Nelson</i>	2/11/04	b. Facility Reviewer (*)	S.M. PUTTHAP		<i>S.M. Putthap</i>	2/11/2004	c. NRC Chief Examiner (#)	G.W. Johnston		<i>G.W. Johnston</i>	2/11/2004	d. NRC Regional Supervisor	A.T. GORDY		<i>A.T. Gordy</i>	2/12/04
			Printed Name / Signature	Date																											
a. Author	ROBERT A. NELSON		<i>Robert A. Nelson</i>	2/11/04																											
b. Facility Reviewer (*)	S.M. PUTTHAP		<i>S.M. Putthap</i>	2/11/2004																											
c. NRC Chief Examiner (#)	G.W. Johnston		<i>G.W. Johnston</i>	2/11/2004																											
d. NRC Regional Supervisor	A.T. GORDY		<i>A.T. Gordy</i>	2/12/04																											
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:		Date of Examination:		Operating Test Number:		
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., 10 CFR 55.45, operational importance, safety function distribution).			JAN	SMP	JH
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.			JAN	SMP	JH
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).			JAN	SMP	JH
d.	Overlap with the written examination and between different parts of the operating test categories is within acceptable limits.			JAN	SMP	JH
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.			JAN	SMP	JH
2. WALK-THROUGH (CATEGORY A & B) 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 			JAN	SMP	JH
b.	The prescribed questions in Category A are predominately open reference and meet the criteria in Attachment 1 of ES-301.			N/A	N/A	N/A
c.	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.			JAN	SMP	JH
d.	At least 20 percent of the JPMs on each test are new or significantly modified.			JAN	SMP	JH
3. SIMULATOR (CATEGORY C) CRITERIA				--	--	--
a.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.			JAN	SMP	JH
		Printed Name	Signature	Date		
a.	Author	ROBERT A. NELSON	Robert A. Nelson	2/11/04		
b.	Facility Reviewer(*)	S. M. PUTNOFF	S. M. Puttoff	2/11/2004		
c.	NRC Chief Examiner(#)	G. W. Johnston	G. W. Johnston	2/11/2004		
d.	NRC Regional Supervisor	A. T. GODY	A. T. Gody	2/23/04		
<p>Note: * The facility signature is not applicable for NRC-developed tests.</p> <p># Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.</p>						

Facility: Callaway		Date of Exam: March '04		Scenario Numbers: 1/2/BU		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.							
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 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 objectives.							
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. 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.45 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 crew position.							
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D5.d)						Actual Attributes	--	--
1.	Total malfunctions (5-8)	8/	8/	7				
2.	Malfunctions after EOP entry (1-2)	3/	4/	4				
3.	Abnormal events (2-4)	4/	3/	2				
4.	Major transients (1-2)	1/	1/	2				
5.	EOPs entered/requiring substantive actions (1-2)	1/	1/	1				
6.	EOP contingencies requiring actions (0-2)	1/	0/	1				
7.	Critical tasks (2-3)	2/	2/	3				

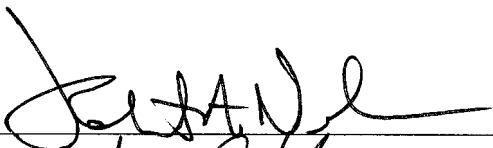
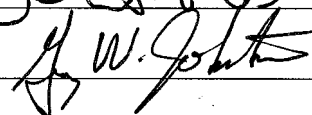
REACTOR OPERATOR: R1/R3

Scenario	Position	
	RO	BOP
DS-1	X	
DS-2		X

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
RO	Reactivity	1*	E		1
	Normal	1*	C		1
	Instrument/Component	4*	A/B/D/H/I/J	B/D/F/G/H/I	12
	Major	1	G	E	2
*Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.					

Author:

NRC Reviewer:

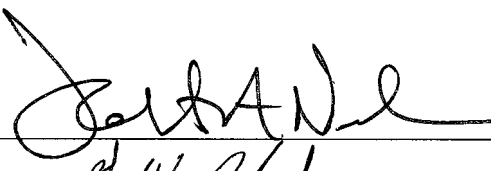
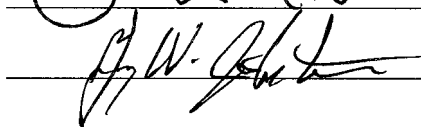
REACTOR OPERATOR: R2/R4

Scenario	Position	
	RO	BOP
DS-1		X
DS-2	X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
RO	Reactivity	1*			
	Normal	1*		A	1
	Instrument/ Component	4*	D/F/H/I/J	C/D/F/G/H/I	11
	Major	1	G	E	1
*Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.					

Author:

NRC Reviewer:

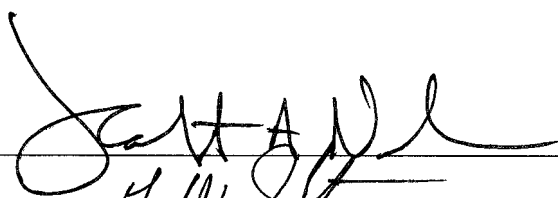
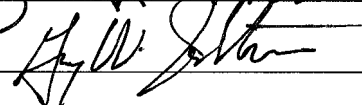
UPGRADE SENIOR REACTOR OPERATOR: U1/U2

Scenario	Position	
	SRO	BOP
DS-1	X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
SRO-U	Reactivity	0*	E		1
	Normal	1*	C		1
	Instrument/Components	2*	A/B/D/F/H/I/J		7
	Major	1	G		1
*Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.					

Author:

NRC Reviewer:

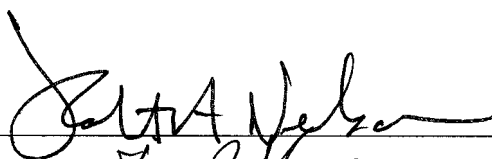
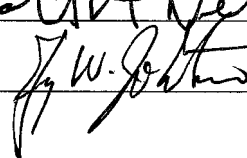
UPGRADE SENIOR REACTOR OPERATOR: U3

Scenario	Position	
	SRO	BOP
DS-2	X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
SRO-U	Reactivity	0*			
	Normal	1*		A	1
	Instrument/Components	2*		B/C/D/F/G/H/I	7
	Major	1		E	1
*Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.					

Author:

NRC Reviewer:

INSTANT SENIOR REACTOR OPERATOR: I1

Scenario	Position		
	RO	SRO	BOP
DS-1		X	
DS-2	X		

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
As RO	Reactivity	1*			
	Normal	0*		A	1
	Instrument/Component	2*		C/D/F/G/H/I	6
	Major	1		E	1
SRO-I					
	Reactivity	0*	E		1
	Normal	1*	C		1
	Instrument/Component	2*	A/B/D/F/H/I/J		7
	Major	1	G		1
As SRO					

*Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.

Author:

NRC Reviewer:

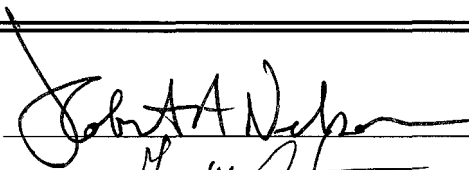
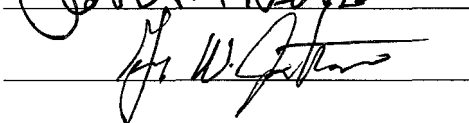
INSTANT SENIOR REACTOR OPERATOR: I2/I3

Scenario	Position		
	RO	SRO	BOP
DS-1	X		
DS-2		X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
As RO	Reactivity	1*	E		1
	Normal	0*	C		1
	Instrument/ Component	2*	A/B/D/H/I/J		6
	Major	1	G		1
SRO-I					
	Reactivity	0*			
	Normal	1*		A	1
	Instrument/ Component	2*		B/C/D/F/G/H/I	7
	Major	1		E	1
*Reactivity and normal evolutions may be replaced with additional instrument or component malfunctions on a one-for-one basis.					

Author:

NRC Reviewer:

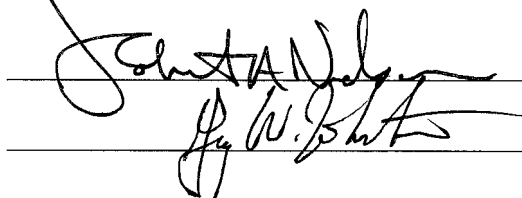
Competencies	Applicants R1-R3				Applicants R2-R4				Applicant			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	A,B D,H I,J	B,D E,F G,I			D,F G,H I,J	C,D E,F I						
Comply With and Use Procedures (1)	A,C H,J	B,F G			D,F H,J	A,C E,F I						
Operate Control Boards (2)	A,C E,H	B,F G			F,G H,I J	A,C E,F						
Communicate and Interact	A,B E,J	B,D E			D,F G,H I,J	C,D E,F I						
Demonstrate Supervisory Ability (3)												
Comply With and Use Tech. Specs. (3)												
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:

NRC Reviewer:



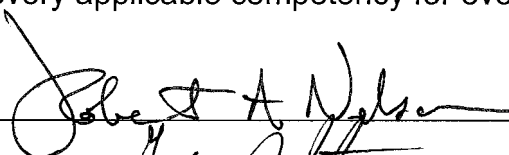
Competencies	Applicants U1-U2				Applicant U3				Applicant			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	A,B F,G J					B,C D,E						
Comply With and Use Procedures (1)	A,B C,F G,J					B,C D,E H						
Operate Control Boards (2)												
Communicate and Interact	A,C F,G J					B,C D,E H						
Demonstrate Supervisory Ability (3)	A,B C,F G,J					B,C D,E H						
Comply With and Use Tech. Specs. (3)	A,F					B,C						
Notes: (1) Includes Technical Specification compliance for an RO. (2) Optional for an SRO-U. (3) Only applicable to SROs.												

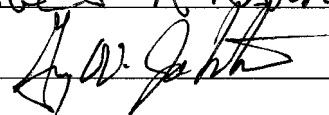
Instructions:

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:

NRC Reviewer:





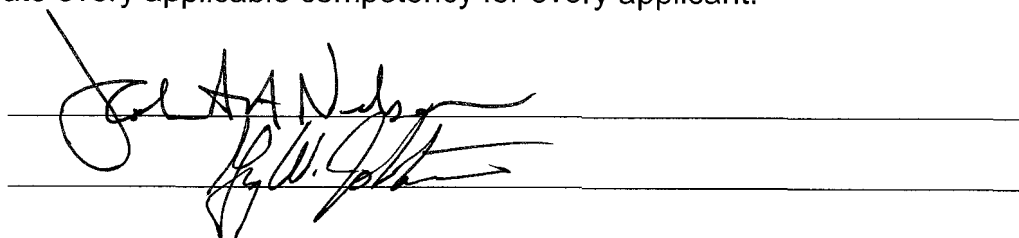
Competencies	Applicant I1				Applicant I2-I3				Applicants			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Interpret/Diagnose Events and Conditions	A,B F,G J	C,D E,F I			A,B D,G H,J	B,C D,E						
Comply With and Use Procedures (1)	A,B C,F G,J	A,C E,F I			A,C G,H J	B,C D,E H						
Operate Control Boards (2)		A,C E,F			A,C E,G H,J							
Communicate and Interact	A,C F,G J	C,D E,F I			A,B D,G H,J	B,C D,E H						
Demonstrate Supervisory Ability (3)	A,B C,F G,J					B,C D,E H						
Comply With and Use Tech. Specs. (3)	A,F					B,C						
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:

NRC Reviewer:



Facility:		Date of Exam:		Exam Level: RO/SRO	
Item Description		Initials			
		a	b	c	
1.	Clean answer sheets copied before grading	YAN	SMP	A	
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)	YAN	SMP	A	
4.	Grading for all borderline cases (80 +/- 2% overall and 70 +/- 4% on the SRO-only) reviewed in detail	YAN	SMP	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	YAN	SMP	A	
Printed Name / Signature		Date			
a. Grader	ROBERTA NELSON	3/27/04			
b. Facility Reviewer(*)	S.M. PUTTHER	3/5/2004			
c. NRC Chief Examiner (*)	W. J. [Signature]	3/5/2004			
d. NRC Supervisor (*)	A.T. GODY	3/20/04			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

13:27:34

02/24/2005

Report 21

Region: 4 Phase Code: 5 Operational

Operator Licensing Exam Schedule

From 01/01/2004 To 06/06/2004

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
01/01/2004	Callaway / 05000483 / 2004002 Procedure #: 7111111Q				PECK, MICHAEL S.	HANNA, JOHN D. PECK, MICHAEL S.
02/09/2004	Callaway / 05000483 / 2004301 TAC #: X02258		Prep	FFF	JOHNSTON, GARY W.	CLAYTON, KELLY D. HAIRE, MARK S.
03/01/2004	Callaway / 05000483 / 2004301 TAC #: X02258	RO - 5 SROU - 3	Admin	FFF	JOHNSTON, GARY W.	JOHNSTON, GARY W. CLAYTON, KELLY D. HAIRE, MARK S.
03/08/2004	Callaway / 05000483 / 2004301 TAC #: X02258		Doc	FFF	JOHNSTON, GARY W.	JOHNSTON, GARY W. STETKA, THOMAS F.
03/25/2004	Callaway / 05000483 / 2004003 Procedure #: 7111111Q				PECK, MICHAEL S.	CLAYTON, KELLY D. HAIRE, MARK S. JOHNSTON, GARY W. HANNA, JOHN D. PECK, MICHAEL S.

Sites: CALL

Orgs: ALL

Exam Author: ALL

Operator Licensing Exam Schedule
From 01/01/2004 To 06/06/2004

Page 2 of 4
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Report 21
Region: 4 Phase Code: 5 Operational

Summary By Date

01/2004	CALL - Callaway								
01/2004									
02/2004	CALL - Callaway	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Callaway: 0			
02/2004		RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 02/2004: 0			
03/2004	CALL - Callaway	RO - 5	SROI - 4	SROU - 3	LSRO - 0	Total for Callaway: 12			

Operator Licensing Exam Schedule
From 01/01/2004 To 06/06/2004

Region: 4 Phase Code: 5 Operational

Summary By Site

CALL - Callaway				
RO - 5	SROI - 4	SROU - 3	LSRO - 0	Total for Callaway: 12

Operator Licensing Exam Schedule
From 01/01/2004 To 06/06/2004

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02/24/2005
Report 21
13:27:34
Region: 4
Phase Code: 5 Operational

Summary By Region

Region 4					
RO - 5	SROI - 4	SROU - 3	LSRO - 0		Total for Region 4: 12

Examination Security Agreement

ES-201

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 3-1-04 as of the date 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 these licensing examinations from this date until completion of examination administration, except as specifically noted below and 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/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications 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 administered during the week(s) of 3/1-04. From the date that I entered into this 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 and authorized by the NRC.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
Samuel V. Henderson II	O.S. / TRAINING	Samuel V. Henderson II	3/1/04	Samuel V. Henderson II	3/1/04	
GARY L. SCHULTZ	OS	GARY L. SCHULTZ	3/1/04	GARY L. SCHULTZ	3/5/04	
Robert C. Johns	RO	Robert C. Johns	3-1-04	Robert C. Johns	3-5-04	
THOMAS L. MAHECHER	RO	THOMAS L. MAHECHER	3-1-04	THOMAS L. MAHECHER	3/5/04	
Rick Thompson	OS / Training	Rick Thompson	3-1-04	Rick Thompson	3/5/04	
Tim Holland	Shift Engineer	Tim Holland	3-1-04	Tim Holland	3/5/04	
Ken Nelson	RO	Ken Nelson	3-1-04	Ken Nelson	3/5/04	
David Gorder	RO	David Gorder	3-1-04	David Gorder	3-5-04	
Edward B. Steught	OS / Training	Edward B. Steught	3-1-04	Edward B. Steught	3-5-04	
Paul S. Miller	OS / Training	Paul S. Miller	3/1/04	Paul S. Miller	3/5/04	
Lawrence S. Crisone	Shift Engineer	Lawrence S. Crisone	3/1/04	Lawrence S. Crisone	3/6/04	
Charles F. Farney	OPS SUPERVISOR	Charles F. Farney	3/1/04	Charles F. Farney	3/5/04	
MARK GREEN	OS	MARK GREEN	3/2/04	MARK GREEN	3/5/04	
Walter Greer	OS	Walter Greer	3/2/04	Walter Greer	3/5/04	
Charles Farney	C.S.F. 3/5/04	Charles Farney				

NOTES:

171 FEB 04

2. Post-Examination

[illegible]

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. ROBERT NELSON	SS / EXAM DEV	<i>Robert Nelson</i>	9/9/03	<i>Robert Nelson</i>	3/16/04	
2. Robert B. Moody, III	O.S. / Exam Dev	<i>Robert B. Moody, III</i>	12/19/03	<i>Robert B. Moody, III</i>	3/5/04	3/5/04
3. SM. PUTTINGHILL	OPERATING SUPERVISOR	<i>SM. PUTTINGHILL</i>	9/9/03	<i>SM. PUTTINGHILL</i>	3/5/04	
4. Marla R. Wallace	Nuclear Clerk	<i>Marla R. Wallace</i>	9/26/03	<i>Marla R. Wallace</i>	3/5/04	
5. Theresa M. Wendring	Nuclear Clerk	<i>Theresa M. Wendring</i>	9-26-03	<i>Theresa M. Wendring</i>	3/10/04	
6. JEANNE L. DUNN	Nuclear Clerk	<i>JEANNE L. DUNN</i>	12-29-03	<i>JEANNE L. DUNN</i>	3/6/04	
7. ANDREW G. NELSON	SW SPECIALIST	<i>ANDREW G. NELSON</i>	12/29/03	<i>ANDREW G. NELSON</i>	3/5/04	
8. John A. Hofman	Teng Supd - Sim	<i>John A. Hofman</i>	1/2/04	<i>John A. Hofman</i>	3/10/04	
9. JOHN E. OAKES	SW ENG - Sim	<i>JOHN E. OAKES</i>	1/2/04	<i>JOHN E. OAKES</i>	3/5/04	
10. SCOTT M. HALVERSON	GENERAL SUPERVISOR - SIM	<i>SCOTT M. HALVERSON</i>	1/18/04	<i>SCOTT M. HALVERSON</i>	3/5/04	
11. GEORGE SALTIN	STIMULATOR ENGR	<i>GEORGE SALTIN</i>	1/19/04	<i>GEORGE SALTIN</i>	3/5/04	
12.			3/5/04	<i>George Saltin</i>		
13.						
14.						
15.						

NOTES: Δ I CONTACTED GERALD SHIM BY TELEPHONE AND HE STATED TO THE POST-ADMINISTRATION STATEMENT, HE AGREED TO SIGN PER TELECOM. S/W ~~SHIM~~ 3/10/2004.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/26/2007 as of the date 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 these licensing examinations from this date until completion of examination administration, except as specifically noted below and 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/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications or suggestions that examination security may have been compromised.

To the best of my knowledge, I did not divulge to any unauthorized persons any information concerning the NRC licensing examinations administered during the week(s) of 2/26/2014. From the date that I entered into this 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 and authorized by the NRC.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Samuel V. Henderson II	OS/ TRAINING	<i>Samuel V. Henderson II</i>	2/26/04	<i>Samuel V. Henderson II</i>	3/2/04	
2. Edward B. Stewart	OS/ TRAINING	<i>Edward B. Stewart</i>	2/6/04	<i>Edward B. Stewart</i>	3/2/04	
3. Paul S. Miller	OS/ TRNG.	<i>Paul S. Miller</i>	2/26/04	<i>Paul S. Miller</i>	3/5/04	
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NUREG-1021, Draft Revision 9

VAL 1347702

ES-201

Examination Security Agreement

Form ES-201-3

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 2/23/04 to 3/8/04 as of the date 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 these licensing examinations from this date until completion of examination administration, except as specifically noted below and 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/or an enforcement action against me or the facility licensee. I will immediately report to facility management or the NRC chief examiner any indications 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 administered during the week(s) of 3/1/04. From the date that I entered into this 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 and authorized by the NRC.

PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Kelly P. Slaughter	Reactor Operator	<i>[Signature]</i>	12-13-03	<i>[Signature]</i>	3-17-04	
2. Dennis W. Gilleff	SRO	<i>[Signature]</i>	12-13-03	<i>[Signature]</i>	3/17/04	
3. Gerald P. Gault	SRO	<i>[Signature]</i>	12-13-03	<i>[Signature]</i>	3/17/04	
4. Donald L. Pindexter	Reactor Operator	<i>[Signature]</i>	12-13-03	<i>[Signature]</i>	3/17/04	
5. Patrick C. Shannon	SRO	<i>[Signature]</i>	2/19/04	<i>[Signature]</i>	3/1/04	
6. Jeff Yager	RO	<i>[Signature]</i>	2/10/04	<i>[Signature]</i>	3/12/04	
7. James Dumas	RO	<i>[Signature]</i>	2/10/04	<i>[Signature]</i>	3/12/04	
8. Elliot Qualls	RO	<i>[Signature]</i>	2/11/04	<i>[Signature]</i>	3/14/04	
9. George M. Steneberg	RO	<i>[Signature]</i>	2-11-04	<i>[Signature]</i>	3/16/04	
10. <i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>				
11.						
12.						
13.						
14.						
15.						

NOTES: