

Ops Branch Assignment Check Sheet:
 (Includes ES-201-1 & ES-501-1 Rev. 8 information)

as of: 12/03/99

Chief: H BUNDY

Facility/Task: CW IN

Task Start Date: 06/26/00

ITEM DESCRIPTION	DUE DATE	INIT	DATE
0 Exam Schedule Agreement (C.1.a;C.2.a&b)	12/29/99	JLP	12/03/99
1 NRC Staff & Fac. Contact Assigned (C.1.c;C.2.e)	12/29/99	JLP	12/03/99
2 Fac. contact briefed on security & other issues (C.2.c)	12/29/99	JLP	12/03/99
3 Corp. Notification Ltr Sent (C.2.d) (Also for PIR/CAP)	12/29/99	<i>DB</i>	1/13/00
4 Task Expectations, Issues, & Standards Discussed w/ BC	03/28/00	<i>DB</i>	2/29/00
5 [Reference Material Due (C.1.d;C.3.c)]	03/28/00	NA	
6 Integrated Exam Outlines Due (C.1.d&e;C.3.d)	02/27/00	<i>DB</i>	2/19/00
7 Outlines reviewed by NRC & Feedback Sent (c.2.h;C.3.e)	03/12/00	<i>DB</i>	2/29/00
8 Preliminary Appl. Due (C.1.j;C.2.g;ES202)	05/27/00	<i>DB</i>	6/8/00
9 Draft Exams w/ Doc./Ref. Due (C.1.d/e/f;C.3.d)	04/27/00	<i>DB</i>	4/10/00
10 Peer Reviewer Initials As Reviewed All Parts	05/07/00	<i>DB</i>	4/13/00 5/4/00
11 NRC Suprv. Initials Approving for Fac. Rev. (C.2.h;C.3.f)	05/07/00	<i>NP</i>	5/3/00
12 Exams Reviewed w/ Fac. (C.1.h;C.2.f&h;C.3.g)	05/07/00	<i>DB</i>	5/3/00 5/2/00
13 Final Appl. Due & Assign. Sheet Prep'd (C.1.j;C.2.h;ES202)	06/12/00	<i>DB</i>	6/9/00
14 NRC Suprv. Initials For Final Exams Approved (C.2.i;C.3.h)	06/19/00	<i>NP</i>	6/16/00
15 Final Appl. Rec'd & Waivers Sent (C.2.g)	06/19/00	<i>DB</i>	6/27/00
16 Proctor Rules Rev'd w/ Fac. & Written Authorized (C.3.k)	06/19/00	<i>DB</i>	6/2/00
17 Exam/Insp Mat'l to Team (C.3.i)	06/19/00	<i>DB</i>	6/7/00
18 Fac. graded exam & Comments Rec'd	07/08/00	<i>DB</i>	7/5/00
19 NRC Written Grading Completed	07/11/00	<i>DB</i>	7/5/00
20 Examiners Finished Grading Op. Tests	07/11/00	<i>DB</i>	7/18/00
21 NRC Ch. Ex. Review Completed	07/21/00	<i>DB</i>	7/14/00
22 NRC BC Review Completed	07/22/00	<i>DB</i>	7/18/00
23 RPS/IP # Examinees Updated Before Report Issued	07/27/00	<i>DB</i>	7/19/00 *
24 Lic./Denials Signed & Report Issued	07/27/00	<i>LN</i>	7/24/00
25 Package Closed Out - Lessons Learned Debriefed & Filed <i>none</i> - Final Inspection Report Issued - Exam Package to OLA - Fac. Contact Notified of Results <i>DB 7/14/00</i>	08/17/00	<i>LN</i>	7/18/00

* Note Supv/Peer initials required.
 New edition for PIR/CAP as of 9/28/99
 [] Req'd NRC-auth. exams only.
 When complete, for exams, add
 to pgk & fwd copy to BC, for
 insp, fwd orig'l to BC.

Facility: <u>Callaway</u>		Date of Examination: <u>June/July 2000</u>		
Item	Task Description	Initials		
		a	b*	c
W R I T T E N	1. a. Verify that the outline(s) fit(s) the appropriate model per ES-401.	EBB	RJN	TSB
	b. Assess whether the outline was systematically prepared and whether all knowledge and ability categories are appropriately sampled.	EBB	RJN	TSB
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	EBB	RJN	TSB
	d. Assess whether the repetition from previous examination outlines is excessive.	EBB	RJN	TSB
S I M	2. 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.	EBB	RJN	TSB
	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 over successive days.	EBB ①	RJN	TSB
	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.	EBB	RJN	TSB
W / T	3. 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.	EBB ①	RJN	TSB
	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% 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.	EBB	RJN	TSB
	c. Verify that the required administrative topics are covered, with emphasis on performance-based activities.	EBB	RJN	TSB
	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 days.	EBB	RJN	TSB
G E N E R A L	4. a. Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	EBB	RJN	TSB
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	EBB	RJN	TSB
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	EBB	RJN	TSB
	d. Check for duplication and overlap among exam sections.	EBB	RJN	TSB
	e. Check the entire exam for balance of coverage.	EBB	RJN	TSB
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	EBB	RJN	TSB
a. Author	<u>Edward B. Stewart</u> / <u>Edward B. Stewart</u>	Date: <u>2/15/00</u>		
b. Facility Reviewer(*)	<u>Richard J. Neil</u> / <u>Richard J. Neil</u>	Date: <u>2/15/00</u>		
c. Chief Examiner	<u>H.F. Bundy</u> / <u>H.F. Bundy</u>	Date: <u>4/24/00</u>		
d. NRC Supervisor	<u>John Pelletti</u> / <u>John Pelletti</u>	Date: <u>2/28/00</u>		
(*) Not applicable for NRC-developed examinations.				

① Applicants' audit test has not been written at this time. EBB

Facility:		Date of Exam:		Exam Level: RO/SRO				
Item Description						Initial		
						a	b*	c*
1.	Questions and answers technically accurate and applicable to facility			OL	RM	M		
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			OL	RM	M		
3.	RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401			OL	RM	M		
4.	No more than 25 questions are duplicated from [practice exams, quizzes, and] the last two NRC licensing exams; enter the actual number of duplicated questions at right	NRC	Other	OL	RM	M		
		0	3					
5.	[No (Less than 5 percent) question duplication from the license screening/audit exam (if independently written)]			OL	RM	M		
6.	Bank use meets limits (no more than 50 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution at right	Bank	Modified	OL	RM	M		
		9	0				91	
7.	Between 50 and 60 percent of the questions on the exam (including 10 new questions) are written at the comprehension/analysis level; enter the actual question distribution at right	Memory	C/A	OL	RM	M		
		40	60					
8.	References/handouts provided do not give away answers			OL	RM	M		
9.	Question distribution meets previously approved examination outline; deviations are justified			OL	RM	M		
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			OL	RM	M		
11.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet			OL	RM	M		
		Printed Name / Signature				Date		
a.	Author	David G. Lantz, Jr. / David G. Lantz, Jr.				3/29/00		
b.	Facility Reviewer(*)	R. J. Neil / R. J. Neil				3/30/00		
c.	NRC Chief Examiner(*)	R. Lantz / R. Lantz				4/5/00 - 4/13/00		
d.	NRC Regional Supervisor(*)	J. Pellet / J. Pellet				4/13/00		
<p>Note: * The facility reviewer's signature is not applicable for NRC-developed examinations; two independent NRC reviews are required. # See special instructions (Section E.2.c) for Items 1, 4, 5, and 6. [] The items in brackets do not apply to NRC-prepared examinations.</p>								

① Applicant's audit exam has not been written at this time.

Facility: <u>Callaway Plant</u>		Date of Examination: <u>July 2000</u>		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).	GB	Rm	M															
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	GB	Rm	M															
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a.) ^①	GB	Rm	M															
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	GB	Rm	M															
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	GB	Rm	M															
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 · 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 	GB	Rm	M															
b.	The prescribed questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301.	GB	Rm	M															
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.	GB	Rm	M															
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	GB	Rm	M															
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.	GB	Rm	M															
<table border="0" style="width: 100%;"> <tr> <td style="width: 10%;"></td> <td style="text-align: center;">Printed Name / Signature</td> <td style="text-align: right;">Date</td> </tr> <tr> <td>a. Author</td> <td><u>Edward B. Stewart / Edward B. Stewart</u></td> <td style="text-align: right;"><u>4/19/00</u></td> </tr> <tr> <td>b. Facility Reviewer(*)</td> <td><u>Richard J. Neil / Richard J. Neil</u></td> <td style="text-align: right;"><u>4/20/00</u></td> </tr> <tr> <td>c. NRC Chief Examiner (*)</td> <td><u>RYAN LANTZ / Ryan Lantz</u> <u>HF Bandy / HF Bandy</u></td> <td style="text-align: right;"><u>4/26/00</u></td> </tr> <tr> <td>d. NRC Supervisor (*)</td> <td><u>John L. Pellet / John Pellet</u></td> <td style="text-align: right;"><u>5/3/00</u></td> </tr> </table>			Printed Name / Signature	Date	a. Author	<u>Edward B. Stewart / Edward B. Stewart</u>	<u>4/19/00</u>	b. Facility Reviewer(*)	<u>Richard J. Neil / Richard J. Neil</u>	<u>4/20/00</u>	c. NRC Chief Examiner (*)	<u>RYAN LANTZ / Ryan Lantz</u> <u>HF Bandy / HF Bandy</u>	<u>4/26/00</u>	d. NRC Supervisor (*)	<u>John L. Pellet / John Pellet</u>	<u>5/3/00</u>			
	Printed Name / Signature	Date																	
a. Author	<u>Edward B. Stewart / Edward B. Stewart</u>	<u>4/19/00</u>																	
b. Facility Reviewer(*)	<u>Richard J. Neil / Richard J. Neil</u>	<u>4/20/00</u>																	
c. NRC Chief Examiner (*)	<u>RYAN LANTZ / Ryan Lantz</u> <u>HF Bandy / HF Bandy</u>	<u>4/26/00</u>																	
d. NRC Supervisor (*)	<u>John L. Pellet / John Pellet</u>	<u>5/3/00</u>																	
(*) The facility signature is not applicable for NRC-developed tests; two independent NRC reviews are required.																			

① Audit test has not been written at this time.

Facility: <i>Callaway Plant</i> Date of Exam: <i>July 2000</i> Scenario Numbers: <i>11214a</i> 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.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
2.	The scenarios consist mostly of related events.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
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 expected operator actions (by shift position) • the event termination point (if applicable)	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
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.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
5.	The events are valid with regard to physics and thermodynamics.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
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.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
8.	The simulator modeling is not altered.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
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.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
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.4 of ES-301.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
11.	All individual operator competencies can be evaluated, as verified using Form ES-301-6 (submit the form along with the simulator scenarios).	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
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).	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
13.	The level of difficulty is appropriate to support licensing decisions for each crew position.	<i>ESB</i>	<i>Rm</i>	<i>HB</i>
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)		Actual Attributes	-	-
1.	Total malfunctions (5-8)	<i>7, 8, 7</i>	<i>ESB</i>	<i>Rm</i>
2.	Malfunctions after EOP entry (1-2)	<i>3, 3, 2</i>	<i>ESB</i>	<i>Rm</i>
3.	Abnormal events (2-4)	<i>3, 4, 4</i>	<i>ESB</i>	<i>Rm</i>
4.	Major transients (1-2)	<i>2, 1, 1</i>	<i>ESB</i>	<i>Rm</i>
5.	EOPs entered/requiring substantive actions (1-2)	<i>2, 1, 1, 1</i>	<i>ESB</i>	<i>Rm</i>
6.	EOP contingencies requiring substantive actions (0-2)	<i>1, 1, 1, 1</i>	<i>ESB</i>	<i>Rm</i>
7.	Critical tasks (2-3)	<i>3, 1, 3, 2</i>	<i>ESB</i>	<i>Rm</i>

REACTOR OPERATOR: R1

Scenario	Position	
	RO	BOP
ILE-7/2000-DS1		X
ILS-7/2000-DS2	X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
RO	Reactivity	1	0	1	1
	Normal	1	0	1	1
	Instrument	2	1	1	2
	Component	2	2	4	6
	Major	1	2	1	3

Author:

David J. Fatz 4/19/00

Chief Examiner:

A. S. Bundy 5/4/00

REACTOR OPERATOR: R2

Scenario	Position	
	RO	BOP
ILE-7/2000-DS1	X	
ILS-7/2000-DS2		X

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
RO	Reactivity	1	1	0	1
	Normal	1	1	0	1
	Instrument	2	1	1	2
	Component	2	2	4	6
	Major	1	2	1	3

Author:

David J. J. 4/19/00

Chief Examiner:

A. B. 5/4/00

INSTANT SENIOR REACTOR OPERATOR: I1

Scenario	Position		
	RO	SRO	BOP
ILE-7/2000-DS1		X	
ILE-7/2000-DS2	X		

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
As RO	Reactivity	1	N/A	1	1
	Normal	0	N/A	1	1
	Instrument	1	N/A	1	1
	Component	1	N/A	4	4
SRO-I	Major	1	N/A	1	1
As SRO	Reactivity	0	0	N/A	0
	Normal	1	1	N/A	1
	Instrument	1	2	N/A	2
	Component	1	2	N/A	2
	Major	1	2	N/A	2

Author:

Kevin Jety 4/19/00

Chief Examiner:

H. Bundy 5/4/00

INSTANT SENIOR REACTOR OPERATOR: 12

Scenario	Position		
	RO	SRO	BOP
ILE-7/2000-DS1	X		
ILE-7/2000-DS2		X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
As RO	Reactivity	1	1	N/A	1
	Normal	0	1	N/A	1
	Instrument	1	1	N/A	1
	Component	1	2	N/A	2
SRO-I	Major	1	2	N/A	2
As SRO	Reactivity	0	N/A	0	0
	Normal	1	N/A	1	1
	Instrument	1	N/A	2	2
	Component	1	N/A	4	4
	Major	1	N/A	1	1

Author: David Jantz 4/19/00

Chief Examiner: J.P. Bundy 5/4/00

INSTANT SENIOR REACTOR OPERATOR: I3

Scenario	Position		
	RO	SRO	BOP
ILE-7/2000-DS1	X		
ILE-7/2000-DS2		X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
As RO	Reactivity	1	1	N/A	1
	Normal	0	1	N/A	1
	Instrument	1	1	N/A	1
	Component	1	2	N/A	2
SRO-I	Major	1	2	N/A	2
As SRO	Reactivity	0	N/A	0	0
	Normal	1	N/A	1	1
	Instrument	1	N/A	2	2
	Component	1	N/A	4	4
	Major	1	N/A	1	1

Author: David Jatz 4/19/00

Chief Examiner: AT Bundy 5/4/00

INSTANT SENIOR REACTOR OPERATOR: I4

Scenario	Position		
	RO	SRO	BOP
ILE-7/2000-DS1		X	
ILE-7/2000-DS2	X		

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
As RO	Reactivity	1	N/A	1	1
	Normal	0	N/A	1	1
	Instrument	1	N/A	1	1
	Component	1	N/A	4	4
SRO-I	Major	1	N/A	1	1
As SRO	Reactivity	0	0	N/A	0
	Normal	1	1	N/A	1
	Instrument	1	2	N/A	2
	Component	1	2	N/A	2
	Major	1	2	N/A	2

Author:

 Cavil Jatz 4/19/00

Chief Examiner:

 H. Bundy 5/4/00

UPGRADE SENIOR REACTOR OPERATOR: U1

Scenario	Position	
	SRO	BOP
ILE-7/2000-DS1	N/A	N/A
ILS-7/2000-DS2	X	

Applicant Type	Evolution Type	Minimum Number	Scenario Number		
			1	2	Total
SRO-U	Reactivity	0	N/A	0	0
	Normal	1	N/A	1	1
	Instrument	1	N/A	2	2
	Component	1	N/A	4	4
	Major	1	N/A	1	1

Author:

David Jantz 4/19/00

Chief Examiner:

H.G. Brundage 5/4/00

Competencies	Applicant R1 RO				Applicant R2 RO				Applicants I1/I4 SRO-I			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Understand and Interpret Annunciators and Alarms	C,E	C			B,D	B,D			D,E	C		
Diagnose Events and Conditions	C,F G,H	C,F			B,D	B,D E			D,E	C,F		
Understand Plant and System Response	C,E	B,C			B,E	B,D			B,C	B,C		
Comply With and Use Procedures (1)	C	A,C			A,D	D,E			E	A,C		
Operate Control Boards (2)	C,F G	A,C H,I			A,B D	B,D H,I			N/A	A,C H,I		
Communicate and Interact With the Crew	C,D	B,C			B,D	B,D			ALL	B,C		
Demonstrate Supervisory Ability (3)	N/A	N/A			N/A	N/A			B,C D,E	N/A		
Comply With and Use Tech. Specs. (3)	N/A	N/A			N/A	N/A			B	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: *Daniel Jay* 4/20/00

Chief Examiner: *H. Bundy* 5/4/00

Competencies	Applicants I2/I3 SRO-I				Applicant U1 SRO-U				Applicant RO/SRO-I/SRO-U			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Understand and Interpret Annunciators and Alarms	B,D	F,G			N/A	F,G						
Diagnose Events and Conditions	B,D	F,G			N/A	F,G						
Understand Plant and System Response	B,E	C,D			N/A	C,D						
Comply With and Use Procedures (1)	A,D	F			N/A	F						
Operate Control Boards (2)	A,B D	N/A			N/A	N/A						
Communicate and Interact With the Crew	B,D	ALL			N/A	ALL						
Demonstrate Supervisory Ability (3)	N/A	B,C D,E			N/A	B,C D,E						
Comply With and Use Tech. Specs. (3)	N/A	C			N/A	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: David La 4/20/00

Chief Examiner: AG Bundy 5/4/00

Facility: <u>Callaway</u>		Date of Exam: <u>6/30/2000</u>		Exam Level: RO/ <u>SRO</u>	
Item Description	Initials				
	a	b	c		
1. Answer key changes and question deletions justified and documented <i>No changes or deletions.</i>	DL	RJN	AB		
2. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	DL	RJN	AB		
3. Grading for all borderline cases (80% +/- 2%) reviewed in detail <i>No borderline cases.</i>	DL	RJN	AB		
4. All other failing examinations checked to ensure that grades are justified <i>No exam failures.</i>	DL	RJN	AB		
5. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	DL	RJN	AB		
	Printed Name / Signature	Date			
a. Grader	<u>David Lantz / David Lantz</u>	<u>7/3/2000</u>			
b. Facility Reviewer(*)	<u>Richard J. Neil / R. J. Neil</u>	<u>7/3/2000</u>			
c. NRC Chief Examiner (*)	<u>H.F. Bundy / H.F. Bundy</u>	<u>7/5/2000</u>			
d. NRC Supervisor (*)	<u>J. Pellet / John Pellet</u>	<u>7/13/2000</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

Facility: <u>Callaway</u>		Date of Exam: <u>6/3/2000</u>		Exam Level: <u>(RO)</u> SRO	
Item Description	Initials				
	a	b	c		
1. Answer key changes and question deletions justified and documented <u>No changes or deletions.</u>	<u>DL</u>	<u>RJN</u>	<u>JB</u>		
2. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>DL</u>	<u>RJN</u>	<u>JB</u>		
3. Grading for all borderline cases (80% +/- 2%) reviewed in detail <u>No borderline cases.</u>	<u>DL</u>	<u>RJN</u>	<u>JB</u>		
4. All other failing examinations checked to ensure that grades are justified <u>No exam failures.</u>	<u>DL</u>	<u>RJN</u>	<u>JB</u>		
5. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<u>DL</u>	<u>RJN</u>	<u>JB</u>		
Printed Name / Signature		Date			
a. Grader	<u>David Lantz / David Lantz</u>	<u>7/3/2000</u>			
b. Facility Reviewer(*)	<u>Richard J. Neil / R. J. Neil</u>	<u>7/3/2000</u>			
c. NRC Chief Examiner (*)	<u>H.F. Bundy / H.F. Bundy</u>	<u>7/5/2000</u>			
d. NRC Supervisor (*)	<u>JL Pellet / John Pellet</u>	<u>7/13/2000</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

Operator Licensing Exam Schedule

From 10/01/1999 To 09/30/2000

Region: 4

Phase Code: 5 Operational

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
05/30/2000	Callaway / 05000483 / 2000301		Prep		BUNDY, HOWARD F.	BUNDY, HOWARD F.
06/26/2000	Callaway / 05000483 / 2000301		Admin	FFF	BUNDY, HOWARD F.	BUNDY, HOWARD F.
07/10/2000	Callaway / 05000483 / 2000301	RO - 2 SROU - 1	SROI - 4 Admin	FFF	BUNDY, HOWARD F.	BUNDY, HOWARD F. MCKERNON, THOMAS O. MURPHY, MICHAEL E.

Sites: CALL

Orgs: 4620

Exam Author: ALL

Operator Licensing Exam Schedule

From 10/01/1999 To 09/30/2000

Region: 4

Phase Code: 5 Operational

Summary By Date

05/2000	CALL - Callaway				
	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Callaway: 0
05/2000					
	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 05/2000: 0
06/2000	CALL - Callaway				
	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for Callaway: 0
06/2000					
	RO - 0	SROI - 0	SROU - 0	LSRO - 0	Total for 06/2000: 0
07/2000	CALL - Callaway				
	RO - 2	SROI - 4	SROU - 1	LSRO - 0	Total for Callaway: 7

Sites: CALL

Orgs: 4620

Exam Author: ALL

Operator Licensing Exam Schedule

From 10/01/1999 To 09/30/2000

Region: 4

Phase Code: 5 Operational

Summary By Site

CALL - Callaway

RO - 2

SROI - 4

SROU - 1

LSRO - 0

Total for Callaway: 7

Operator Licensing Exam Schedule

From 10/01/1999 To 09/30/2000

Region: 4

Phase Code: 5 Operational

Summary By Region

Region 4

RO - 2

SROI - 4

SROU - 1

LSRO - 0

Total for Region 4: 7

July 21, 2000

Mr. Howard Bundy, Lead Examiner
U.S. Nuclear Regulatory Commission
Harris Tower
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-8064



Attention: Laura Hurley

SUBJECT: EXAMINATION SECURITY AGREEMENT

Please find the attached ES-201-3, Examination Security Agreement, for the Initial License exam given at Callaway Plant on June 30 and the week of July 10, 2000.

Should you need any additional information or have any questions concerning the material, please contact Stan Putthoff or Edward Stewart at (573) 676-4771 or me at (573) 676-8739.

Respectfully,

A handwritten signature in cursive script that reads "R. J. Neil".

Richard J. Neil
Shift Supervisor, Operations Training

RJN/EBS/SMP/dkb

Enclosures:

Exam 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 6/26/00 ^{6/26/00} ~~7/10/00~~ 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 6/26/00 ^{6/26/00} ~~7/10/00~~. 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. DEANN K. BRANSON	clerk	<i>Deann K. Branson</i>	1-7-00	<i>Deann Branson</i>	7/14/00
2. David G. Lantz Jr.	operating supervisor	<i>David G. Lantz Jr.</i>	1-7-00	<i>David G. Lantz Jr.</i>	7/14/00
3. Edward B. Stewart	OPERATING SUPERVISOR	<i>Edward B. Stewart</i>	1-7-00	<i>Edward B. Stewart</i>	7/14/00
4. Richard J. Neil	SS, Ops Training	<i>Richard J. Neil</i>	2-10-00	<i>R. J. Neil</i>	7/14/00
5. J. YAGER	R.O.	<i>J. Yager</i>	3-27-00	<i>Yager for Jager</i>	7/21/00 @
6. Elliot Qualls	R.O.	<i>Elliot Qualls</i>	3-27-00	<i>Yager for E. Qualls</i>	7/21/00 @
7. J.R. WEEKLEY	SS	<i>J.R. Weekley</i>	3-27-00	<i>Yager for J.R. Weekley</i>	7/21/00 @
8. J.R. Hostman	Trng-supr Simulator	<i>J.R. Hostman</i>	4-3-00	<i>J.R. Hostman</i>	2/21/2000
9. SCOTT M. HALVERSON	GENERAL SUPERVISOR SIMULATOR	<i>Scott M. Halverson</i>	4-3-00	<i>Scott M. Halverson</i>	7/14/00
10. Eric T. Schulte	Engineer	<i>Eric T. Schulte</i>	4/03/2000	<i>Eric T. Schulte</i>	7/14/2000
11. JOHN E. OAKES	ENGINEER	<i>John E. Oakes</i>	4/04/2000	<i>John E. Oakes</i>	7/14/2000
12. FADY NACCACHE	SOFTWARE DESIGNER	<i>Fady Naccache</i>	3/20/00	<i>Fady Naccache</i>	7/17/00
13. S. M. PUTTHOFF	OPERATING SUPERVISOR	<i>S. M. Putthoff</i>	5/30/2000	<i>S. M. Putthoff</i>	20000714
14. M. D. Jennings	Operating Supervisor	<i>M. D. Jennings</i>	5-31-2000	<i>M. D. Jennings</i>	7-14-2000
15. W I Gruer	Reactor Operator	<i>Walter Gruer</i>	5-31-2000	<i>Walter Gruer</i>	7/14/00

NOTES: Callaway Plant June/July 2000 Exam

① Signed Fady Naccache off agreement per telephone conversation on 7/17/00. He is a simulator consultant who is no longer on-site.

② Signed J. Yager, Elliot Qualls and J.R. Weekley off agreement per telephone conversation on 7/21/00 @ 0850. Edward B. Stewart

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of ^{6/26/00} ~~7/10/00~~ 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 ^{6/26/00} ~~7/10/00~~. 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.	Danny B Pratte	OS/Training	<i>[Signature]</i>	7/6/00	<i>[Signature]</i>	7/14/00	
2.							
3.							
4.							
5.							
6.							
7.							
8.							
9.							
10.							
11.							
12.							
13.							
14.							
15.							

NOTES: Callaway Plant June/July 2000 Exam