

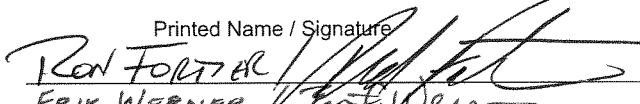
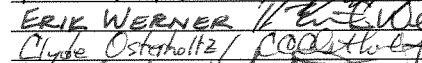
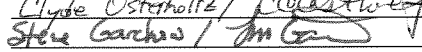
yosemite

EXAM ASSIGNMENT TICKLER

Chief:	Clyde Osterholtz	Facility:	DC	Date of Written Exam:	3/9/2012
Start of Op Test:			N/A	End of Op Test:	N/A
Written Exam Developed By: NRC / Facility			Operating Test Developed By: NRC / Facility		
Due Date	Description	Date Complete	Initials	Notes	
9/9/2011	Written Exam & Op Test Dates Confirmed	11/8/11	CoD		
11/4/2011	NRC Examiners & Facility Contact Assigned	11/8/11	CoD		
11/4/2011	Facility Contact Briefed on Security & Other Req's	11/8/11	CoD		
11/4/2011	Corporate Notification Letter sent	11/10/11	CoD	ES-201 Att-4 produced by CE	
12/9/2011	Reference material due (if NRC authored)	N/A	CoD	ES-201 Att-3	
12/23/2011	Integrated exam outlines due	12/15/11	CoD		
12/30/2011	Outlines reviewed by CE; feedback approved by BC	1/30/12	CoD	ES-201-2 signed by CE & BC	
12/30/2011	Feedback on integrated outlines provided to facility	12/15/11	CoD		
1/20/2012	DRAFT exam / docs / support reference material due	1/20/11	CoD		
2/3/2012	Peer review of written exam complete	1/30/12	CoD	Document review on ES-401-9	
2/3/2012	Preliminary license applications due	2/9/12	CoD	NRC Forms 398/396	
2/10/2012	Preliminary license applications and waivers reviewed	2/9/12	CoD		
2/10/2012	DRAFT exam reviewed by CE; feedback approved by BC	1/30/12	CoD		
2/10/2012	Feedback on DRAFT exam provided to facility	2/7/12	CoD		
8/11/2008	On-site validation & 10% audit of license applications	N/A	CoD		
2/24/2012	Final applications due & List of Applicants prepared	3/5/12	CoD	ES-201-4 prepared by LA	
3/2/2012	Final applications approved & waiver letters sent	3/6/12	CoD		
3/2/2012	Branch Chief approves FINAL exam (Written & Op Test)	1/30/12	CoD	LA produces / BC signs Exam Approval Letter (ES-201 Att-5)	
3/2/2012	Proctoring/written exam admin guidelines reviewed w/ facility	3/6/12	CoD		
N/A	Exam material to exam team	N/A	CoD		
3/9/12	Administer Operating Test WRITTEN RETAKE EXAM	3/9/12	CoD		
3/16/2012	Facility post-exam documentation due	3/26/12	CoD		
3/16/2012	NRC written exam grading completed	3/26/12	CoD	ES-403-1 to BC	
3/23/2012	Examiner's document op test results on ES 303's	N/A	N/A		
3/23/2012	Chief Examiner review of written exam & op test completed	3/26/12	CoD	Signed ES 303's to BC	
3/30/2012	Branch Chief review of exam results completed	3/26/12	CoD		
3/30/2012	Waivers/deferrals reviewed for impact on licensing decision	3/26/12	CoD		
4/6/2012	License/Denial letters mailed; Facility notified of results	3/27/12	CoD		
4/6/2012	RPS/IP number of examinees updated	N/A	N/A	print Report-21	
4/13/2012	Examination Report Issued	4/3/12	CoD	produced by CE	
4/13/2012	SUNSI checklist complete and exam docs to ADAMS	4/9/12	CoD	SUNSI checklist to LA	
4/20/2012	Ref Mat'l Returned after Final Resolution of Appeals	3/27/12	CoD		

Replaces NUREG-1021, Revision 9, Supp 1, Forms ES-201-1 and ES-501-1

Facility:		Date of Examination:		
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, in accordance with ES-401.	RF	EW	CO
	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.	RF	EW	CO
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	RF	EW	CO
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	RF	EW	CO
2. S I M U L A T O R	a. 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.	N/A	N/A	N/A
	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 that scenarios will not be repeated on subsequent days.	N/A	N/A	N/A
	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.	N/A	N/A	N/A
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 (3) 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 (5) the number of alternate path, low-power, emergency, and RCA tasks meet the criteria on the form.	N/A	N/A	N/A
	b. 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	N/A	N/A	N/A
	c. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	N/A	N/A	N/A
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 sections.	N/A	N/A	N/A
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	N/A	N/A	N/A
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	RF	EW	CO
	d. Check for duplication and overlap among exam sections.	RF	EW	CO
	e. Check the entire exam for balance of coverage.	RF	EW	CO
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	RF	EW	CO
Printed Name/Signature		Date		
a. Author	<u>Ken Frazier</u>	<u>12/14/11</u>		
b. Facility Reviewer (*)	<u>ERIK WERNER</u>	<u>12/14/11</u>		
c. NRC Chief Examiner (#)	<u>Clyde Osterholte</u>	<u>1/30/12</u>		
d. NRC Supervisor	<u>Steve Sanchez</u>	<u>1/30/12</u>		
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines				

Facility: Diablo Canyon		Date of Exam: 03/09/12		Exam Level: RO ☒ SRO ☒			
Item Description				Initial			
				a	b*	c#	
1.	Questions and answers are technically accurate and applicable to the facility.			RF	EW	CD	
2.	a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.			RF	EW	CD	
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401			RF	EW	CD	
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 exams, consult the NRR OL program office).			RF	EW	CD	
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 ☒ the licensee certifies that there is no duplication; or ___ other (explain)			RF	EW	CD	
6.	Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest new or modified); enter the actual RO / SRO-only question distribution(s) at right.	Bank 22.7% / 12% 17 / 3	Modified 9.3% / 8.0% 7 / 2	New 68% / 80% 51 / 20	RF	EW	CD
7.	Between 50 and 60 percent of the questions on the RO exam are written at the comprehension/ analysis level; the SRO exam may exceed 60 percent if the randomly selected K/As support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.	Memory 47.7 / 40.0		C/A 53.3 / 60.0	RF	EW	CD
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.			RF	EW	CD	
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.			RF	EW	CD	
10.	Question psychometric quality and format meet the guidelines in ES Appendix B.			RF	EW	CD	
11.	The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with the value on the cover sheet.			RF	EW	CD	
a. Author		Printed Name / Signature			Date		
b. Facility Reviewer (*)		 ERIC WERNER			1/20/12		
c. NRC Chief Examiner (#)		 Clyde Osterholtz			1/30/12		
d. NRC Regional Supervisor		 Steve Garchow			1/30/12		
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: <u>DCPP</u>		Date of Exam: <u>3/9/12</u>		Exam Level: RO ☒ SRO ☒	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	RF	thw	COO		
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)	RF	thw	COO		
4. Grading for all borderline cases (80 $\pm$ 2% overall and 70 or 80, as applicable, $\pm$ 4% on the SRO-only) reviewed in detail	N/A	N/A	N/A		
5. All other failing examinations checked to ensure that grades are justified	N/A	N/A	N/A		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	RF	N/A	COO		
Printed Name/Signature		Date			
a. Grader	<u>Ken Fortner</u>	<u>3/9/12</u>			
b. ^{NRC INDEPENDENT REVIEWER} Facility Reviewer(*)	<u>Steve Garchow</u>	<u>3/26/12</u>			
c. NRC Chief Examiner (*)	<u>CC Osthoff</u>	<u>3/26/12</u>			
d. NRC Supervisor (*)	<u>MARK HAVNE</u>	<u>3/26/12</u>			
(*) <u> </u> The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

L091C NRC Written Examination

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week of 3/9/2012 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 (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 feedback). 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 3/9/12. 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
<u>Routledge</u>	<u>Exam Development</u>	<u>[Signature]</u>	<u>10/18/11</u>	<u>[Signature]</u>	<u>3/9/12</u>
1. <u>JOHN BRUNER</u>	<u>Exam Development</u>	<u>[Signature]</u>	<u>10/18/11</u>	<u>[Signature]</u>	<u>3/9/12</u>
2. <u>JOHN BRUNER</u>	<u>Exam Development</u>	<u>[Signature]</u>	<u>10/19/11</u>	<u>[Signature]</u>	<u>3/12/12</u>
3. <u>JOHN BRUNER</u>	<u>Exam Development</u>	<u>[Signature]</u>	<u>10/19/11</u>	<u>[Signature]</u>	<u>3/12/12</u>
4. <u>JOHN BRUNER</u>	<u>Exam Development</u>	<u>[Signature]</u>	<u>10/19/11</u>	<u>[Signature]</u>	<u>3/12/12</u>
5. <u>ERIK WEINER</u>	<u>Ops Rep Exam Development</u>	<u>[Signature]</u>	<u>11/9/11</u>	<u>[Signature]</u>	<u>3/13/2012</u>
6. <u>BILL HENDY</u>	<u>Ops Training Manager</u>	<u>[Signature]</u>	<u>11/22/11</u>	<u>[Signature]</u>	<u>3/12/12</u>
7. <u>ABDUL KALIL</u>	<u>Shift Foreman</u>	<u>[Signature]</u>	<u>12/13/11</u>	<u>[Signature]</u>	<u>3/19/12</u>
8. <u>DAVID STERNER</u>	<u>SHIFT MANAGER</u>	<u>[Signature]</u>	<u>12/13/11</u>	<u>[Signature]</u>	<u>3-22-12</u>
9. <u>WESLEY FIANT</u>	<u>SFM</u>	<u>[Signature]</u>	<u>12/13/11</u>	<u>[Signature]</u>	<u>3/20/12</u>
10. <u>SAM WILLIAMS</u>	<u>Reactor Operator</u>	<u>[Signature]</u>	<u>12/13/11</u>	<u>[Signature]</u>	<u>3/13/12</u>
11. <u>JOE LORENZ</u>	<u>Reactor Operator</u>	<u>[Signature]</u>	<u>12/13/11</u>	<u>[Signature]</u>	<u>3/13/12</u>
12. <u>ANON R. GORTES</u>	<u>RO</u>	<u>[Signature]</u>	<u>12/13/11</u>	<u>[Signature]</u>	<u>3/20/12</u>
13. <u>DERRELL JOHNSON</u>	<u>SFM</u>	<u>[Signature]</u>	<u>1/10/12</u>	<u>[Signature]</u>	<u>3/13/12</u>
14. <u>HENRY CLARKE</u>	<u>SFM</u>	<u>[Signature]</u>	<u>1/10/12</u>	<u>[Signature]</u>	<u>3/13/12</u>
15. <u>RAYMOND KATZ</u>	<u>OPS WCL</u>	<u>[Signature]</u>	<u>1-10-12</u>	<u>[Signature]</u>	<u>3-22-12</u>
NOTES: <u>Michael Brown</u>	<u>Reactor Operator</u>	<u>[Signature]</u>	<u>1-10-12</u>	<u>[Signature]</u>	<u>3/20/12</u>
<u>ROBERT KLINE</u>	<u>SHIFT MANAGER</u>	<u>[Signature]</u>	<u>1-10-12</u>	<u>[Signature]</u>	<u>3-22-12</u>
<u>RAYMOND KATZ</u>	<u>Reactor Operator</u>	<u>[Signature]</u>	<u>3-13-12</u>	<u>[Signature]</u>	<u>3-15-12</u>

L091C NRC Written Examination

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE	NOTE
1. Casey Weir	Ops WCL / No	<i>Casey Weir</i>	1-10-12	<i>Casey Weir</i>	3-13-12	
2. Brian Sizemore	Ops Foreman	<i>Brian Sizemore</i>	1-24-12	<i>Brian Sizemore</i>	3-13-12	
3. JOHN POLEWICKAK	RX OPERATOR	<i>John Polewickak</i>	1-24-12	<i>John Polewickak</i>	3-13-12	
4. JAKE BRANCHAU	RX OPERATOR	<i>Jake Branchau</i>	1-24-12	<i>Jake Branchau</i>	3-13-12	
5. BRIAN SAWYER	WCL	<i>Brian Sawyer</i>	1-24-12	<i>Brian Sawyer</i>	3-13-12	
6. James Dill's	Ops Foreman	<i>James Dill's</i>	24 Jan 12	<i>James Dill's</i>	27 Mar 12	
7. Adam Peck	Ops Foreman	<i>Adam Peck</i>	24 Jan 12	<i>Adam Peck</i>	20 Mar 12	
8. Eric Lowe	Ops WCL	<i>Eric Lowe</i>	2-9-12	<i>Eric Lowe</i>	3-9-12	
9. BRAN CALVAN	Ops Foreman	<i>Brann Calvan</i>	2-9-12	<i>Brann Calvan</i>	3-27-12	
10. David Richards	Instructor	<i>David Richards</i>	3-7-12	<i>David Richards</i>	3-20-12	
11. John Branchau	RX Operator	John Branchau	3-13-12	John Branchau	3-13-12	
12. Raymond Katz	Inspector operator	<i>Raymond Katz</i>	3-13-12	<i>Raymond Katz</i>	3-13-12	
13.						
14.						
15.						

NOTES: