

## **VARIOUS CHECKLISTS**

**FOR THE PALISADES EXAMINATION - DECEMBER 2001**

Facility: PalisadesDate of Examination: December 17, 2001Examinations Developed by: ☒ Facility / NRC (circle one)

Target Date*	Task Description / Reference	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a & b)	MFB
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	MFB
-120	3. Facility contact briefed on security & other requirements (C.2.c)	MFB
-120	4. Corporate notification letter sent (C.2.d)	MFB
<del>[-90]</del>	<del>[5. Reference material due (C.1.e; C.3.e)]</del>	NA
-75	6. Integrated examination outline(s) due (C.1.e & f; C.3.d)	MFB
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	MFB
-45	8. Proposed examinations, supporting documentation, and reference materials due (C.1.e, f, g & h; C.3.d)	MFB
-30	9. Preliminary license applications due (C.1.i; C.2.g; ES-202)	MFB
-14	10. Final license applications due and assignment sheet prepared (C.1.i; C.2.g; ES-202)	MFB
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	MFB
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f & h; C.3.g)	MFB
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	MFB
-7	14. Final applications reviewed; assignment sheet updated; waiver letters sent (C.2.g, ES-204)	MFB
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee and authorization granted to give written exams (if applicable) (C.3.k)	MFB
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	MFB

\* Target dates 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 to examinations prepared by the NRC.

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 12/17/01 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 12-17-01. 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)	DATENOTE
1. Darrell Hensley	Sr. Nuc. Instr. / Exam Lead	<i>Darrell Hensley</i>	4/23/01	<i>Darrell Hensley</i>	12/27/01
2. Walt Nelson	ILT Supervisor / Oversight	<i>Walt Nelson</i>	06/15/01	<i>Walt Nelson</i>	01/07/02
3. RICHARD MASSA	OPS STAFF / FACILITY REVIEWER	<i>Richard Massa</i>	06/28/01	<i>Richard Massa</i>	01/07/02
4. GEORGE STIEBER	NUCLEAR CONT. OPER. / EXAM VALIDATOR	<i>George Stieber</i>	20 AUG 01	<i>George Stieber</i>	16 JAN 02
5. David J. Vandewalle	Shift Supervisor / Exam Validator	<i>DJ Vandewalle</i>	20 AUG 01	<i>DJ Vandewalle</i>	1-8-02
6. Ross D. Snuggard	Shift Engineer / Exam Validation	<i>Ross Snuggard</i>	20 Aug 01	<i>Ross Snuggard</i>	1/16/02
7. VIRGINIA L. MOORE	CONTROL ROOM SUPERVISOR / EXAM VALIDATOR	<i>Virginia L. Moore</i>	8/29/01	<i>Virginia L. Moore</i>	1/16/02
8. John T. Leblanc	Nuclear Cont Oper. / Exam Valid.	<i>John T. Leblanc</i>	8/29/01	<i>John T. Leblanc</i>	1/16/02
9. Daniel Bell	Sr. Engineer / Simulator Support	<i>Daniel Bell</i>	8/29/01	<i>Daniel Bell</i>	1/7/02
10. RALPH STARLAND	GEN TECH ANALYST / SIM Support	<i>Ralph Starland</i>	8/29/01	<i>Ralph Starland</i>	1/7/02
11. DAVID CAMPBELL	NCO STAFF / VALIDATOR	<i>David Campbell</i>	11-26-01	<i>David Campbell</i>	1-8-02
12. Jeff Lewis	NCO / Validator	<i>Jeff Lewis</i>	11-26-01	<i>Jeff Lewis</i>	1-7-02
13. Gregg Baustian	Alternate Facility Reviewer	<i>Gregg Baustian</i>	12/7/01	<i>Gregg Baustian</i>	1/7/02
14. TOM SIKKEMA	NUC. INST. / SIM OPERATOR	<i>Tom Sikkema</i>	12-17-01	<i>Tom Sikkema</i>	1-7-02
15. RONALD A. PETERSON	Sr. NUC INSTR. / SE-STA	<i>Ronald A. Peterson</i>	12-17-01	<i>Ronald A. Peterson</i>	1/07/02
* 16. DAVID N. STATION	SR NUC INST / HO	<i>David N. Station</i>	12-17-01	<i>David N. Station</i>	
NOTES:					
17. Bruce M. Dusterhoft	OPS Staff / Surrogate SRO	<i>Bruce M. Dusterhoft</i>	12-17-01	<i>Bruce M. Dusterhoft</i>	2-5-02
18. STEPHEN M. COGSWELL	OPS / SUPER	<i>Stephen M. Cogswell</i>	12-17-01	<i>Stephen M. Cogswell</i>	12-27-01
NUREG-1021, Revision 8, Supplement 1					
19. PAUL M. SCHMIDT	SIM. SUPV. / SIM SUPPORT	<i>Paul M. Schmidt</i>	12/18/01	<i>Paul M. Schmidt</i>	1/7/02
20. JEFF ILIFF	NUC INST. / AD TRAINING	<i>Jeff Iliff</i>	12/20/01	<i>Jeff Iliff</i>	1-7-02
21. Michele Lemley	Bus Proc Asst / Trng	<i>Michele Lemley</i>	12/20/01	<i>Michele Lemley</i>	1/7/02

Please note that this individual no longer works at Palisades and is unavailable for signoff. *Darrell Hensley*

Facility: <b>Palisades Nuclear Plant</b>		Date of Examination: <b>Dec. 2001</b>		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).	DA	DB	MEB	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	DA	DB	MEB	
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).	DA	DB	MEB	
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	DA	DB	MEB	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	DA	DB	MEB	
2. WALK-THROUGH (CATEGORY A & B) CRITERIA			--	--	--
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> <li>initial conditions</li> <li>initiating cues</li> <li>references and tools, including associated procedures</li> <li>reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee</li> <li>specific performance criteria that include: <ul style="list-style-type: none"> <li>detailed expected actions with exact criteria and nomenclature</li> <li>system response and other examiner cues</li> <li>statements describing important observations to be made by the applicant</li> <li>criteria for successful completion of the task</li> <li>identification of critical steps and their associated performance standards</li> <li>restrictions on the sequence of steps, if applicable</li> </ul> </li> </ul>	DA	DB	MEB	
b.	The prescribed questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301.	DA	DB	MEB	
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.	DA	DB	MEB	
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	DA	DB	MEB	
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.	DA	DB	MEB	
Printed Name / Signature			Date		
a. Author	Darrell Hensley / <i>Darrell Hensley</i>		12/06/01		
b. Facility Reviewer(*)	Gregg Baustian / <i>Gregg Baustian</i>		12/7/01		
c. NRC Chief Examiner (#)	Michael E. Bielby Sr. / <i>Michael E. Bielby Sr.</i>		12/13/01		
d. NRC Supervisor	David E. Hays / <i>David E. Hays</i>		12/13/01		
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.					

Facility: <b>Palisades Nuclear Plant</b>		Date of Exam: <b>December 2001</b>		Exam Level: <b>RO</b>	
Item Description				Initial	
				a	b* c#
1.	Questions and answers technically accurate and applicable to facility			<del>NO</del>	MB
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			<del>NO</del>	MB
3.	RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401			<del>NO</del>	MB
1.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process			<del>NO</del>	MB
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 type="checkbox"/> the examinations were developed independently; or <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)			<del>NO</del>	MB
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 question distribution at right	Bank 66%	Modified 15%	New 19%	<del>NO</del> MB
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 48%	C/A 52%		<del>NO</del> MB
8.	References/handouts provided do not give away answers			<del>NO</del>	MB
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			<del>NO</del>	MB
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			<del>NO</del>	MB
11.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet			<del>NO</del>	MB

  

	Printed Name / Signature	Date
a. Author	<u>Darrell Hensley / Darrell Hensley</u>	<u>12/06/01</u>
b. Facility Reviewer (*)	<u>GREG BAUSTIAN / Greg Baustian</u>	<u>12/7/01</u>
c. NRC Chief Examiner (#)	<u>Michael E. Bielby Sr. / Michael E. Bielby Sr.</u>	<u>12/13/01</u>
d. NRC Regional Supervisor	<u>David C. H. / David C. H.</u>	<u>12/13</u>

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: <b>Palisades Nuclear Plant</b>		Date of Exam: <b>December 2001</b>		Exam Level: <b>SRO</b>																	
Item Description				Initial																	
				a	b*	c*															
1.	Questions and answers technically accurate and applicable to facility			DA	CR	MFB															
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available			DA	CR	MFB															
3.	RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401			DA	CR	MFB															
1.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process			DA	CR	MFB															
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 type="checkbox"/> the examinations were developed independently; or <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)			DA	CR	MFB															
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 question distribution at right	Bank	Modified	New	DA	CR	MFB														
		57%	15%	28%																	
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		DA	CR	MFB														
		43%	57%																		
8.	References/handouts provided do not give away answers			DA	CR	MFB															
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			DA	CR	MFB															
10.	Question psychometric quality and format meet ES, Appendix B, guidelines			DA	CR	MFB															
11.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet			DA	CR	MFB															
<table border="0"> <thead> <tr> <th></th> <th>Printed Name / Signature</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>a. Author</td> <td><u>Darrell Hensley / Darrell Hensley</u></td> <td><u>12/06/01</u></td> </tr> <tr> <td>b. Facility Reviewer (*)</td> <td><u>Gregg Baustian</u></td> <td><u>12/7/01</u></td> </tr> <tr> <td>c. NRC Chief Examiner (#)</td> <td><u>Michael E. Bielky Sr. / Michael E. Bielky Sr.</u></td> <td><u>12/13/01</u></td> </tr> <tr> <td>d. NRC Regional Supervisor</td> <td><u>David E. F-15 / David E. F-15</u></td> <td><u>12/13/01</u></td> </tr> </tbody> </table>								Printed Name / Signature	Date	a. Author	<u>Darrell Hensley / Darrell Hensley</u>	<u>12/06/01</u>	b. Facility Reviewer (*)	<u>Gregg Baustian</u>	<u>12/7/01</u>	c. NRC Chief Examiner (#)	<u>Michael E. Bielky Sr. / Michael E. Bielky Sr.</u>	<u>12/13/01</u>	d. NRC Regional Supervisor	<u>David E. F-15 / David E. F-15</u>	<u>12/13/01</u>
	Printed Name / Signature	Date																			
a. Author	<u>Darrell Hensley / Darrell Hensley</u>	<u>12/06/01</u>																			
b. Facility Reviewer (*)	<u>Gregg Baustian</u>	<u>12/7/01</u>																			
c. NRC Chief Examiner (#)	<u>Michael E. Bielky Sr. / Michael E. Bielky Sr.</u>	<u>12/13/01</u>																			
d. NRC Regional Supervisor	<u>David E. F-15 / David E. F-15</u>	<u>12/13/01</u>																			
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 Exam:		Exam Level: RO/SRO		
Item Description		Initials				
		a	b	c		
1.	Clean answer sheets copied before grading	<i>SH</i>	<i>MB</i>	<i>MB</i>		
2.	Answer key changes and question deletions justified and documented <i>None</i>	<i>SH</i>	<i>MB</i>	<i>MB</i>		
3.	Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<i>SH</i>	<i>MB</i>	<i>MB</i>		
4.	Grading for all borderline cases (80% +/- 2%) reviewed in detail <i>None</i>	<i>SH</i>	<i>MB</i>	<i>MB</i>		
5.	All other failing examinations checked to ensure that grades are justified <i>None</i>	<i>SH</i>	<i>MB</i>	<i>MB</i>		
6.	Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<i>SH</i>	<i>MB</i>	<i>MB</i>		

  

	Printed Name / Signature	Date
a. Grader	<i>Darrell Hensley / Darrell Hensley</i>	<i>12/27/01</i>
b. Facility Reviewer(*)	<i>Gregg Baustian / Gregg Baustian</i>	<i>12/27/01</i>
c. NRC Chief Examiner (*)	<i>Michael E. Bielby Sr / Michael E. Bielby Sr</i>	<i>1/2/02</i>
d. NRC Supervisor (*)	<i>David E. Halls / David E. Halls</i>	<i>1/14/02</i>

(\*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.