## **VARIOUS CHECKLISTS**

FOR THE PALISADES INITIAL EXAMINATION - JULY/AUG 2003

# Palisades Nuclear Plant - Reportenden

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 July 2003 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 week(s) of week(s). 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 S	IGNATURE (2) D	ATENOTE	
1. Darrell D. Hensley	Developer /Exam Lead	Darrell Honolow	11/13/02 Da	rell Sensley	8/4/03	
2. Carl O Oberlind	Reguel Developer	Cull Obdel	11-13-02 6	all the	8-6-03	
3. Loiuse E Chapman	Ops Gra Admin	Louise Charman		we Chapi	uan 8-4-03	· · · · · · · · · · · · · · · · · · ·
4. Ross Snuggerud	Ops Management Rep	Tross Spaggered	01/08/03 /05	ES Siries	8/6/03 لـ	
5. Daniel Bell	Simulato, Support	My sice	3/1/03	4024	8/4/03	
6. MARK A. BATES	Operations Rep	Mark (1. ) atom	3/1/03 Keka	respect phoncon	To NRC REGIONIT -	- Alknoley
7. Aaron J Miller	Reactor Operator Rep	- Colon	3/1/03	gan.	3/27/03	8/4/6/3
8. GEORGE STIEBER	REALTUR OPERATUR REP	You Broke	3/1/03	2//00	350P03	
9. VIRGINIA LHOCOLI	JONIOL LEACTOR OFFINDE   1/5	Quescaia Segai	3/1/03 Pre	gina Mai	8/13/05	
	SCHIOL REACTOR OPERATOR/OPS	Millia!	5/15/03	Mary 1	9/3/5>	
11. Thomas R. Loudensluger	EP Technical Support	He Houdenslager	Ja/3/03	of Handeresla	W 8/3/03	
12. RALPH STARLAND	SIMULATOR, SUPPORT	Palah Hurland	_7/1/3 Ka	the Hayand	<u> </u>	
13. William H Pratt	Simulator Support	Wellen Hoget	<u> </u>	Sur	<u>8/4/03</u>	
14. Louis Hein	Simulation Support	toing them	7/21/03 -	Jova Hein	8/4/3	
15. 6/egg M Smith		- My Gull	<u> </u>	Myrick	8/4/103	
16. Patrick J. Pitcher	SKO	A	7/21/03/	TV	8/4/03	
NOTES: 17. Stephen R. Botimer	SS/SE Surrogate alle Operations Superintendent	Moremen	7/29/03	Stolemer	8/4/03	
18. David J. VandeW	alle Operations Superintendent	50 andereil	7/29/03	in and way	713:13	
NUREG-1021, Revision 8,	Supplement 1	24 of 24		3 - 000		

Operated by Nuclear Management Company, LLC

June 3, 2003

Mr. Dell McNeil Nuclear Regulatory Commission Region III 801 Warrenville Road Lisle, IL 60532-4351

## PALISADES NUCLEAR PLANT INITIAL LICENSE EXAMINATION

Nuclear Management Company, LLC, is submitting the initial license examination for the Palisades Nuclear Plant, in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1. The initial license examination is scheduled for July 21, 2003, through August 1, 2003. The following materials are enclosed:

- ES-301-3, "Operating Test Quality Checklist"
- ES-301-4, "Simulator Scenario Quality Checklist," final version
- ES-301-6, "Competencies Checklist," one for each group
- ES-401-7, "Written Exam Quality Checklist," one for Senior Reactor Operator (SRO) and one for Reactor Operator (RO)
- ES-301-2, "Control Room Systems and Facility Walk-through Test Outline," (updated)
- Certification of no duplication with audit exam
- 125 written exam questions, including distractor analysis, supporting references, and original form of bank question (as appropriate)
- 3 simulator scenarios (Scenario 1, Scenario 2, Scenario 3)
- 30 job performance measures (JPMs) (20 system, 10 administrative)
- CD-ROM with applicable Palisades references
- Hard copy of Technical Data Book

Pursuant to NUREG-1021, these materials shall be withheld from public disclosure until after the examinations are complete.

Please contact Darrell Hensley at (269) 764-2133, if you have any questions regarding this submittal.

Douglas E. Cooper

Site Vice-President, Palisades

Enclosure

Facility:	- Date of Examination: Operatin	g Test	Numb	er:		
			Initial	s		
	1. GENERAL CRITERIA	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).	AA	1208	19		
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	A	213	CP		
C.	The operating test shall not duplicate items from the applicants' audit test(s)(see Section D.1.a).	ON	RKS			
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	ALA-	RDS	1463		
е.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	BASA	<b>18</b> 5	G		
	2. WALK-THROUGH (CATEGORY A & B) CRITERIA		-			
a.	Each JPM includes the following, as applicable:					
	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: 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					
b.	The prescripted questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301.	N/A	MA	MA		
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.	RADI	ROS	Mga		
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	204	828	4		
	3. SIMULATOR (CATEGORY C) CRITERIA		_			
а.	The associated simulator operating tests (scenario sets) have been reviewed in accordance with Form ES-301-4 and a copy is attached.	KON	1828	4		
c. NRC (	Printed Name / Signature  Darrel Hensley / Almult Almaly  Reviewer(*)  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Chief Examiner (#)  Printed Name / Signature  Ross Shuggerud   Resembly  Ross S	6/0	Date 15 0 0 5 0 0 5 0 5 0 5 0 5 0 5 0 5 0 5	03 23		

Facility:	PALISADES Date of Exam: July 2003 Scenario Numbers: 1 /	2 / 3 Operating Te	est No.:	1		
	QUALITATIVE ATTRIBUTES		Initia	als		
			a	b*	c#	
			+			
1.	The initial conditions are realistic, in that some equipment and/or instrument service, but it does not cue the operators into expected events.	ation may be out of	RH	pos	ip	
2.	The scenarios consist mostly of related events.		NON-	(32)	8	
3.	WH-	-013	G			
4.	No more than one non-mechanistic failure (e.g., pipe break) is incorporated without a credible preceding incident such as a seismic event.	into the scenario	NO.	-bBz	4	
5.	The events are valid with regard to physics and thermodynamics.		RUND	Bos	4	
6.	Sequencing and timing of events is reasonable, and allows the examination team to obtain complete evaluation results commensurate with the scenario objectives.					
7.	<ol> <li>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.</li> </ol>					
8.	The simulator modeling is not altered.		RA	P\$2	4	
9.	The scenarios have been validated. Any open simulator performance deficience evaluated to ensure that functional fidelity is maintained while running the plants.	encies have been anned scenarios.	DA-	684	MB3	
10.	Every operator will be evaluated using at least one new or significantly modi other scenarios have been altered in accordance with Section D.4 of ES-301	fied scenario. All	WA	togs	B	
11.	All individual operator competencies can be evaluated, as verified using For the form along with the simulator scenarios).	m ES-301-6 (submit	W-	3	MES	
12.	Each applicant will be significantly involved in the minimum number of transi specified on Form ES-301-5 (submit the form with the simulator scenarios).	ents and events	QH-	*	4	
13.	The level of difficulty is appropriate to support licensing decisions for each cr	ew position.	RA	682	P	
TARGE	T QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)	Actual Attributes				
1.	Total malfunctions (5-8)	6 / 8 / 7	40	ØS	A	
2.	Malfunctions after EOP entry (1-2)	1 / 2 / 2	RU	Bas	al	
3.	Abnormal events (2-4)	2 / 3 / 3	RIA-		is	
4.	Major transients (1-2)	1 / 2 / 1	KON	80%	il	
5.	EOPs entered/requiring substantive actions (1-2)	1 / 2 / 1	RA		S	
6.	EOP contingencies requiring substantive actions (0-2)	2 / 2 / 2	101	رکھ	$\mathcal{A}$	
7.	Critical tasks (2-3)	3 / 4 / 3	2014	ay.	1	

		ant #1 <b>) - 1</b>		cant #2 <b>) - 2</b>	Applicant #3 RO - 3		
Competencies	SCEN	SCENARIO		NARIO	SCENARIO		
	1	2	1	2	3	4	
Understand and Interpret Annunciators and Alarms	4,6,8,9	4,6,7	4,6,8,9	4,6,7	4,5,7	4,5,8	
Diagnose Events and Conditions	4,5,6,7	4,6,7,8	4,5,6,7	4,6,7,8	4,5,7,9	4,5,7,8	
Understand Plant and System Response	2,4,5,6,7 9	1,2,4,6	2,4,5,6, 7,9	1,2,4,6	2,4,9	2,4,7	
Comply With and Use Procedures (1)	All	All	All	All	All	All	
Operate Control Boards (2)	2,4,5,6,7	1,2,6,7	2,4,5,6, 7	1,2,6,7	2,4,5,7, 9	1,2,4,5,8	
Communicate and Interact With the Crew	All	All	All	All	All	All	
Demonstrate Supervisory Ability (3)	W. 1					Company of the compan	
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:

Author:	Warrell Hensley	
NRC Reviewer:	M. Bully	

		Applicant #4 SRO - I (1)		Applicant #5 SRO - I (2)			cant #6 9 <b>- I (3)</b>
Competencies	SCEN	NARIO	S	CENAR	lo	SCENARIO	
	1	2	1	2	3	1	2
Understand and Interpret Annunciators and Alarms	4,5,6,8,9	3,5	4,5, 6,8 9	4,6,7	4,5,7	4,5,6,8, 9	3,5
Diagnose Events and Conditions	3,4,5,6,7 8,9	3,5,8,10	3,4, 5,6, 7,8, 9	4,6,7, 8	4,5,7 9	3,4,5,6, 7,8,9	3,5,8,10
Understand Plant and System Response	2,5,6,7,9	2,3,10	2,5, 6,7, 9	1,2,4, 6	2,4,9	2,5,6,7, 9	2,3,10
Comply With and Use Procedures (1)	All	All	All	All	All	All	All
Operate Control Boards (2)		2,3,5,8,10		1,2,6, 7	2,4,5 7,9	1 1 2 4 8 7 1 1 2 4 8 7 1 1 2 4 8 7 1 1 2 4 8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	2,3,5,8,10
Communicate and Interact With the Crew	All	All	All	All	All	All	Ali
Demonstrate Supervisory Ability (3)	All	2000 - 1000 - 10	All	1804 (		All	
Comply With and Use Tech. Specs. (3)	3,4,5	e de la companya de l	3,4, 5	**************************************		3,4,5	

#### Notes:

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

#### Instructions:

Author:	Namell Heusley	
NRC Reviewer:	M. Billy	

	Applicar SRO - I		Applicant #8 SRO - I (5)			Applicant #9 SRO - I (6)		
Competencies	SCE	NARIO	s	CENAF	RIO	SCENARIO		
	3	4	1	2	3	1	2	3
Understand and Interpret Annunciators and Alarms	4,5,7	3,7,9	4,6 8,9	3,6,7	3,6	3,6, 9	3,5	4,5,7
Diagnose Events and Conditions	3,4,5,6,7 8,9	3,6,7,9	4,5, 6,7	3,4,5, 6,7,8, 9	3,6,8	3,6, 9	3,5,8, 10	3,4,5, 6,7,8, 9
Understand Plant and System Response	2,4,5	2,6,7	2,4, 5,6, 7,9	1,2,7	2,3,6	2,3, 6	2,3, 10	2,4,5
Comply With and Use Procedures (1)	All	All	All	All	All	All	All	All
Operate Control Boards (2)		2,3,6,9	2,4, 5,6, 7		1,2,3 4,8	1,2, 3,6	2,3,5, 8,10	
Communicate and Interact With the Crew	All	All	All	All	All	All	All	All
Demonstrate Supervisory Ability (3)	All		April 1945 A Straigh Straightain Straightain	Ali			***	All
Comply With and Use Tech. Specs. (3)	3,7		A State And	4,5		1965 - 1813 -	in in its	3,7

#### Notes:

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

#### Instructions:

Author:	Warrell Densley	
NRC Reviewer:	M. Bielly	

	1 ' '	Applicant #10 SRO-U (1)		ant #11 <b>-U (2)</b>	Applicant #12 SRO-U (3)		
Competencies	SCEI	NARIO	SCE	VARIO	SCENARIO		
	1	2	1	2	3	4	
Understand and Interpret Annunciators and Alarms	3,6,9	3,6,7	3,6,9	3,6,7	3,6	3,4,7,9	
Diagnose Events and Conditions	3,6,9	3,4,5,6,7, 8,9	3,6,9	3,4,5,6,7, 8,9	3,6,8	3,4,5,6,7, 8,9	
Understand Plant and System Response	2,3,6	1,2,7	2,3,6	1,2,7	2,3,6	2,6,7,8	
Comply With and Use Procedures (1)	All	All	All	All	All	All	
Operate Control Boards (2)	1,2,3,6		1,2,3,6	367874 2011	1,2,3,4, 8	Control of the Contro	
Communicate and Interact With the Crew	All	All	All	All	All	All	
Demonstrate Supervisory Ability (3)		All	24 46 4 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	All		All	
Comply With and Use Tech. Specs. (3)		4,5		4,5	in way	3,4	

#### Notes:

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

#### Instructions:

Author:	Darrell Henely	
NRC Reviewer:	M. buly	
	(1)	

f <del>2</del>									
Facility:	Palisades	Da	ate of Exam	n: 70	lly a	003	Exam L	evel: R	0/ <b>\$</b> RO
	-							Initial	ı <u></u>
		Item Description					а	b*	c*
1.	Questions and answr	ers technically accurate and	applicable	to facili	ity		N/H	ROS	ARI
2.	a. NRC K/As referen b. Facility learning of	nced for all questions objectives referenced as avail	lable				WA	pos	nav
3.	RO/SRO overlap is no per Section D.2.d of E	no more than 75 percent, and ES-401	J SRO que	stions a	are app	ropriate	W.W	pps	nav
4.		nd duplication from the last twith a systematic sampling pro		censing	exams	;			nav
5.							DA-	M.	nav
6.	Bank use meets limits		Bank	Modif	fied	New		\[  \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
		k at least 10 percent new, i); enter the actual question	34	8		58		60,	nav
7.	Between 50 and 60 pe	percent of the questions on	Memo	ory	- (	C/A			
	written at the compreh	10 new questions) are hension/analysis level; tion distribution at right	42	42 58		8	AD.	Be	Nav
8		s provided do not give away a	answers				NH	<i>1</i> 00%	nav
	Question content conf approved examination assigned; deviations a	nforms with specific K/A state n outline and is appropriate fo are justified	ments in the	he previ to whic	iously they	are	0H	ps.	nav
		ric quality and format meet ES	S, Append	lix B, gu	uideline	s	x0#	085	nav
11.		00, one-point, multiple choice					ADA	18	nav
c. NRC	or ty Reviewer (*) Chief Examiner (#) Regional Supervisor	Printed Darrell Hensley Ross Swugger ud Delle McNar/ RD Lanksburg	1/7	Signature WII Sauge	Hens	leig .		Da 4/3, 615 7//5	te  03  103  5/03  2/03

Facility:	Palisades	Date of Exam	n: JU	ly a	Ø3 ι	Exam L	evel: (R	SRC
	, , , , , , , , , , , , , , , , , , , ,				Initial			
	Item Description					а	b*	c*
1.	Questions and answers technically accurate ar	nd applicable	to facili	ty		QH)	OS	nau
2.	a. NRC K/As referenced for all questions     b. Facility learning objectives referenced as av	⁄ailable				RD.	(XX)	nav
3.	RO/SRO overlap is no more than 75 percent, a per Section D.2.d of ES-401	nd SRO que	stions a	re app	ropriate	<b>W</b>	los	nau
4.	Question selection and duplication from the las appears consistent with a systematic sampling		censing	exams	5			nav
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 certifles that there is no duplication; or other (explain)				ROH	pps	nav	
6.	Bank use meets limits (no more than 75	Bank	Modifi	ied	New		Γ,	nau
	percent from the bank at least 10 percent new, and the rest modified); enter the actual question distribution at right		8		54	NA.	600	nau
7.	Between 50 and 60 percent of the questions on	n Memo	ory		C/A			
	the exam (including 10 new questions) are written at the comprehension/analysis level; enter the actual question distribution at right	42	42 58		ACM	B	nav	
	References/handouts provided do not give awa	y answers				<b>R</b>	RX	nav
	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				24	RUS	nav	
	Question psychometric quality and format meet ES, Appendix B, guidelines				ON.	RYS	nav	
11.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet				010	pps	nav	
c. NRC	Domil Handay	ted Name / S	Signature Well	New	soley O		Da 6/3/ 6/5 7// 7/	te 03 <u>[03</u> 5/03

Facility: PALISADES  Exam Level (circle one): SRO  Date of Examination: JULY 2003  Operating Test No.: 1					
B.1 Control Room Systems					
	System / JPM Title	Type Code*	Safety Function		
a.	Perform a Dropped Rod Test	DLS	1		
b.	Align Charging Pump Suction to SIRWT	NLS	2		
C.	Alternate Pressurizer Pressure Controllers	DS	3		
d.	Latch and Rollup the Main Turbine	NLS	4		
e.	Vent Reactor Head Gases	DLSA	5		
f.	Shift CCW Pumps	MSA	8		
g.	Manually Divert to Radwaste	NSA	9		
B.2 Facility Walk-Through					
a.	Alternate Methods of Auxiliary Feedwater	DLR	4		
b.	Manually Transfer Y-50 ABT	DLA	6		
C.	Manually Start P-41 Fire Pump	NL	8		
* Type Codes: (D)irect from bank, (M)odified from bank, (N)ew, (A)Iternate path, (C)ontrol room, (S)imulator, (L)ow-Power, (R)CA					

Facility: PALISADES Exam Level (circle one): RO  Date of Examination: JULY 20 Operating Test No.: 1					
B.1 Control Room Systems					
	System / JPM Title	Type Code*	Safety Function		
a.	Perform a Dropped Rod Test	DLS	1		
b.	Align Charging Pump Suction to SIRWT	NLS	2		
c.	Alternate Pressurizer Pressure Controllers	DS	3		
d.	Latch and Rollup the Main Turbine	NLS	4		
e.	Vent Reactor Head Gases	DLSA	5		
f.	Shift CCW Pumps	MSA	8		
g.	Manually Divert to Radwaste	NSA	9		
B.2 Facility Walk-Through					
a.	Alternate Methods of Auxiliary Feedwater	DLR	4		
b.	Manually Transfer Y-50 ABT	DLA	6		
C.	Manually Start P-41 Fire Pump	NL	8		
* Type Codes: (D)irect from bank, (M)odified from bank, (N)ew, (A)Iternate path, (C)ontrol room, (S)imulator, (L)ow-Power, (R)CA					

#### Certification of No Duplication with Audit Exam

Per NUREG-1021, rev 8, Supplement 1, ES-401, C.1.f, please be informed of the following:

1. As the Exam Author, I, Darrell D. Hensley hereby certify that I have prepared the Palisades Nuclear Plant July 2003 Initial License Exam.

#### AND

2. Both exams were prepared such that there is NO duplication, or potential of compromise, between the audit exam and the license exam. Specifically, please note the following points:

The licensing exam was prepared using the systematic random sampling process in strict accordance with NUREG-1021, rev 8, Supplement 1. Comparing the resulting written exam questions on the licensing exam with the written exam questions on the facility audit exam indicates NO duplication of exam questions, and NO potential for compromise of the written licensing exam.

#### **Additional Information**

I, as the Exam Author, did prepare several quizzes and comprehensive exams for the License Class during the early and middle part of the class. These quizzes and exams were completed and graded well before starting development of the Initial Licensing Exam. I certify that this activity resulted in NO compromise of the initial licensing exam.

Darrell D. Hensley

Palisades Facility Representative and

Exam Author

### Written Examination Grading Quality Checklist

Facility: PALISADES Date of Exam: August 01, 2003 Exam Level: RO						
Pate of Exam. August 61, 2000			Initials			
Itam Description	ŀ	 а	b	C		
Item Description      Clean answer sheets copied before grading			n/a	Sin		
Answer key changes and question deletions justified and documented			n/a	n/a		
Applicants' scores checked for addition errors     (reviewers spot check > 25% of examinations)			n/a	Den		
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail			n/a	n/a		
5. All other failing examinations checked to ensure that grades are justified			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			n/a	bun		
Printed Name / Signatu	re		D	ate		
a. Grader Nick Valos / Micholas allalos			8/13/03			
b. Facility Reviewer(*)n/a				n/a		
c. NRC Chief Examiner (*) Dell MeNen / Such, Ma 40 8/13/05				103		
d. NRC Supervisor (*) Bruce Palayi / Sume Palayi 3/13/03						
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.						

### Written Examination Grading Quality Checklist

Facility: PALISADES Date of Exam: August 01, 2003 Exam L						
			Initials			
Item	Description	а	b	С		
1. Clean answer sheets co	Clean answer sheets copied before grading			San		
Answer key changes an documented	, , , , , , , , , , , , , , , , , , , ,			n/a		
Applicants' scores checked for addition errors     (reviewers spot check > 25% of examinations)			n/a	Sun		
<ol> <li>Grading for all borderline cases (80% +/- 2%) reviewed in detail</li> </ol>			n/a	n/a		
All other failing examinations checked to ensure that grades     are justified			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			n/a	Jun		
	Printed Name / Signature		D	ate		
a. Grader NICK VAIOS / Miholas a Valos			8/13/03			
b. Facility Reviewer(*)n/a				n/a		
c. NRC Chief Examiner (*) Dell McNe. / Seet R. Me PLO				8/13/03		
d. NRC Supervisor (*) Some Cologi Bruce Palayi 8/13/07 For R. Lanksbury						
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.						