

VARIOUS CHECKLISTS

FOR THE KEWAUNEE INITIAL EXAMINATION - AUG/SEP 2002

Facility: KewauneeDate of Examination: Weeks of August 26 and September 2, 2002Examinations 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)	MEB
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	MEB
-120	3. Facility contact briefed on security & other requirements (C.2.c)	MEB
-120	4. Corporate notification letter sent (C.2.d)	MEB
{-90}	{5. Reference material due (C.1.e; C.3.c)}	N/A
-75	6. Integrated examination outline(s) due (C.1.e & f; C.3.d)	MEB
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	MEB
-45	8. Proposed examinations, supporting documentation, and reference materials due (C.1.e, f, g & h; C.3.d)	MEB
-30	9. Preliminary license applications due (C.1.i; C.2.g; ES-202)	MEB
-14	10. Final license applications due and assignment sheet prepared (C.1.i; C.2.g; ES-202)	MEB
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	MEB
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f&h; C.3.g)	MEB
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	MEB
-7	14. Final applications reviewed; assignment sheet updated; waiver letters sent (C.2.g, ES-204)	MEB
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee and authorization granted to give written exams (if applicable) (C.3.k)	MEB
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	MEB

* 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.

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/26 - 9/13/02 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 8/26 - 9/13/02 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. Phillip A. Short	Sr. Technical Instructor	<i>Phillip A. Short</i>	3/5/02	<i>Phillip A. Short</i>	9/9/02
2. Steve Smith	SR Technical Instructor	<i>Steve Smith</i>	3/5/02	<i>Steve Smith</i>	9/25/02
3. Stephen P. Johnson	Instructor (contractor)	<i>Stephen P. Johnson</i>	3/5/02	<i>Stephen P. Johnson</i>	9/9/02
4. Jim Rozell	SR TECH INST	<i>Jim Rozell</i>	3-6-02	<i>Jim Rozell</i>	9/11/02
5. Chuck Sizemore	TRAINING SUPERVISOR	<i>Chuck Sizemore</i>	3/8/02	<i>Chuck Sizemore</i>	9/10/02
6. Wyatt Godes	Training Supervisor	<i>Wyatt A. Godes</i>	3/11/02	<i>Wyatt A. Godes</i>	9/9/02
7. DAN STARR	SIM TEST OPERATOR	<i>Dan Starr</i>	3/11/2	<i>Dan Starr</i>	9/8/24/02
8. Scott Zeppelin	SR. TECHNICAL INSTRUCTOR	<i>Scott Zeppelin</i>	3/13/02	<i>Scott Zeppelin</i>	9/9/02
9. Kay Stangel	Business Process Assistant	<i>Kay Stangel</i>	4/14/02	<i>Kay Stangel</i>	9/9/02
10. Dave Fitzwater	LOR Program Administrator	<i>Dave Fitzwater</i>	4/19/02	<i>Dave Fitzwater</i>	9/9/02
11. Dave Mielke	Operations Supervisor	<i>Dave Mielke</i>	5-10-02	<i>Dave Mielke</i>	9-9-02
12. Rolando Rasmussen	SR ENG. ANALYST	<i>R. Rasmussen</i>	5-13-02	<i>R. Rasmussen</i>	9-9-02
13. Gerald Patenaude	I+C Technician	<i>Gerald Patenaude</i>	5/16/02	<i>Gerald Patenaude</i>	9/9/02
14. Michael J. Vana	Sr. Technical Instructor	<i>Michael J. Vana</i>	5-20-02	<i>Michael J. Vana</i>	9/11/02
15. Patti Malley	BUSINESS PROCESS ASSISTANT	<i>Patti Malley</i>	5-21-02	<i>Patti Malley</i>	10/1/02

NOTES:

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATENOTE
1. Ivy Netzel	Ops Supervisor	<i>Ivy Netzel</i>	6/10/02	<i>Philip A. ...</i>	9/16/02 ①
2. Dave Lehman	Process Ldr - Ops	<i>Dave Lehman</i>	6/12/02	<i>Dave Lehman</i>	9/16/02
3. Mike Johnson	NCO	<i>Mike Johnson</i>	6-13-02	<i>Mike Johnson</i>	9-30-02
4. JEFF STAFFORD	CONTROL ROOM SUPERVISOR	<i>Jeff Stafford</i>	6-13-02	<i>Jeff Stafford</i>	9-30-02
5. Charles A Brinkman	NCO	<i>Charles A Brinkman</i>	7-29-02	<i>Charles A Brinkman</i>	9-24-02
6. MARK LINDAHL	NCO/SEO	<i>Mark Lindahl</i>	7-29-02	<i>Mark Lindahl</i>	9/24/02
7. Dennis Borkenhagen	NCO	<i>Dennis Borkenhagen</i>	7-31-02	<i>Dennis Borkenhagen</i>	10/7/02
8. GNCZEISZPERGER	NCO	<i>GNCZEISZPERGER</i>	7/31/02	<i>GNCZEISZPERGER</i>	9/16/02
9. Jason Crowley	NAO	<i>Jason Crowley</i>	07-31-02	<i>Jason Crowley</i>	09-16-02
10. Keith Borkcroft	NAO	<i>Keith Borkcroft</i>	07-31-02	<i>Keith Borkcroft</i>	9-30-02
11. Stacey Stanley	NAO	<i>Stacey Stanley</i>	08-31-02	<i>Stacey Stanley</i>	9/19/02
12. William Kirkpatrick	SENIOR TECHNICAL INSTRUCTOR	<i>William Kirkpatrick</i>	8/14/02	<i>William Kirkpatrick</i>	9/9/02
13. Tom Hooker	SHIFT MANAGER	<i>Tom Hooker</i>	8/17/02	<i>Tom Hooker</i>	9-16-02
14. Dori Ziegler	KNP Clerk	<i>Dori Ziegler</i>	8/21/02	<i>Dori Ziegler</i>	9-16-02
15. Ron Gialoni	NS LAST	<i>Ron Gialoni</i>	8/22/02	<i>Ron Gialoni</i>	9-9-02 ②

NOTES: ① Ivy Netzel no longer works at Kewaunee, Signed off per telecon.
 ② Dori Ziegler signed in block 13, should have signed in block 14. Had Tom Hooker sign/date beneath block 15.

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PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATENOTE
1. Judson Bly	Senior Technical Instructor	Judson Bly	8/26/02	Mitgans for Judson Bly	9/16/02 (1)
2. Ericson M. Buraczewski	Senior Simulator Instructor	[Signature]	9/27/02	[Signature]	8-9-10-02
3. Ronald Beck	Instructor	[Signature]	9/27/02	[Signature]	9/16/02
4. Charles Hubbard	INSTRUCTOR	Charles Hubbard	8/27/02	Charles Hubbard	9/16/02
5. Roy Turner	INSTRUCTOR	Roy Turner	8/28/02	Roy Turner	9/9/02
6. Pat Murphy	Instructor	Pat Murphy	8/28/02	Pat Murphy	9/9/02
7. Chris Paulsen	Instructor	Chris Paulsen	8/28/02	Chris Paulsen	9/9/02
8. Kevin Davison	TRAINING MANAGER	Kevin Davison	8/28/02	Kevin Davison	9/16/02
9. Robert Carrell	NRC Training Director	[Signature]	8/28/02	Mitgans for Robert Carrell	9/16/02 (2)
10.					
11.					
12.					
13.					
14.					
15.					

NOTES: (1) Judson Bly retired on 8/30/02. Signed off per telecon.

(2) Permanently assigned to Hudson, WI. Signed off per telecon.

Facility: KNPP		Date of Examination: 8/26-9/13/02		Operating Test Number: 2002301	
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., 10CFR55.45, operational importance, safety function distribution).	PS	DM	MGB	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	PS	DM	DM	
c.	The operating test shall not duplicate items from the applicants audit test(s))see Section D.1.a).	PS	DM	MGB*	
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	PS	DM	DM	
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	PS	DM	DM	
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	PS	DM	DM	
b.	The prescribed questions in Category A are predominantly open reference and meet their 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.	PS	DM	DM	
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	PS	DM	DM	
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.	PS	DM	DM	
		Printed Name / Signature		Date	
a.	Author	Phillip A. Short / <i>[Signature]</i>		6/26/02	
b.	Facility Reviewer (*)	David D. Mielke / <i>[Signature]</i>		6-26-02	
c.	NRC Chief Examiner (#)	Michael E. Bielby / <i>[Signature]</i>		7/22/02	
d.	NRC Supervisor	Dell R. McNeal / <i>[Signature]</i> (ABC)		8/22/02	
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.					

Audit exam not available until after validation week.

Facility: KNPP		Date of Exam: 8/26-9/13/02		Scenario Numbers: 1 / 2 / 3		Operating Test No:2002301			
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 . 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 a 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 objective.								
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.4 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 position.								
TARGET QUANTITATIVE ATTRIBUTES (PER SCENARIO; SEE SECTION D.4.D)							Actual Attributes		
1.	Total malfunctions (5-8)					5 / 5 / 5			
2.	Malfunctions after EOP entry (1-2)					2 / 1 / 2			
3.	Abnormal transients (2-4)					3 / 3 / 3			
4.	Major transients (1-2)					1 / 1 / 1			
5.	EOPs entered/requiring substantive actions (1-2)					2 / 2 / 2			
6.	EOP contingencies requiring substantive actions (0-2)					1 / 0 / 0			
7.	Critical tasks (2-3)					2 / 2 / 2			

OPERATING TEST NO.: 2002301

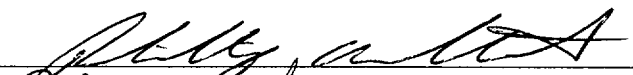
Applicant Type	Evolution Type	Minimum Number	Scenario Number			
			1	2	3	4
RO	Reactivity	1	1	1	1	----
	Normal	1	1	1	1	----
	Instrument / Component	4	2,3,4,6,7	2,3,4,5,7	2,3,4,5,7	----
	Major	1	5	6	6	----

As RO	Reactivity	1	1	1	1	----
	Normal	0	----	----	----	----
	Instrument / Component	2	4,6,7	2,4	3,4,5	----
	Major	1	5	6	6	----
SRO-I	Reactivity	0	----	----	----	----
	Normal	1	1	1	1	----
	Instrument / Component	2	2,3,4,6,7	2,3,4,5,7	2,3,4,5,7	----
	Major	1	5	6	6	----


SRO-U	Reactivity	0	----	----	----	----
	Normal	1	1	1	1	----
	Instrument / Component	2	2,3,4,6,7	2,3,4,5,7	2,3,4,5,7	----
	Major	1	5	6	6	----

- Instructions:
- (1) Enter the operating test number and Form ES-D-1 event numbers for each evolution type.
 - (2) Reactivity manipulations may be conducted under normal or *controlled* abnormal conditions (refer to Section D.4.d) but must be significant per Section C.2.a of Appendix D.
 - (3) Whenever practical, both instrument and component malfunctions should be included; only those that require verifiable actions that provide insight to the applicant's competence count toward the minimum requirement.

Author:



NRC Reviewer:



Competencies	RO				SRO				BOP			
	SCENARIO				SCENARIO				SCENARIO			
	1	2	3	4	1	2	3	4	1	2	3	4
Understand and Interpret Annunciators and Alarms	4,5,6	2,4,6	3,4,5,6	----	2,3,4,5,6	2,3,4,6,7	2,3,4,5,6	----	2,3,4,5	3,4,6,7	2,4,5,7	----
Diagnose Events and Conditions	4,5,6,7	2,4,6	3,4,5,6	----	2,3,4,5,6,7	2,3,4,6,7	2,3,4,5,6,7	----	2,3,5	3,4,5,6,7	2,4,5,7	----
Understand Plant and System Response	1,4,5,6,7	1,2,4,6	1,3,4,5,6	----	ALL	ALL	ALL	----	1,2,3,4,5	3,4,5,6,7	1,2,4,5,7	----
Comply With and Use Procedures (1)	1,4,5,6,7	1,2,4,6	1,3,4,5,6	----	ALL	ALL	ALL	----	1,2,3,4,5	3,4,5,6,7	1,2,4,5,7	----
Operate Control Boards (2)	1,4,5,6,7	1,2,4,6	1,3,4,5,6	----	----	----	----	----	1,2,3,4,5	3,4,5,6,7	1,2,4,5,7	----
Communicate and Interact With the Crew	1,4,5,6,7	1,2,4,6	1,3,4,5,6	----	ALL	ALL	ALL	----	1,2,3,4,5	3,4,5,6,7	1,2,4,5,7	----
Demonstrate Supervisory Ability (3)	----	----	----	----	ALL	ALL	ALL	----	----	----	----	----
Comply With and Use Tech. Specs. (3)	----	----	----	----	2,4,6	2,4,5	2,4,5,7	----	----	----	----	----

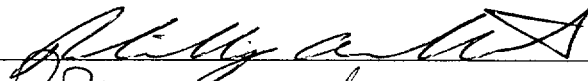
Notes:

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

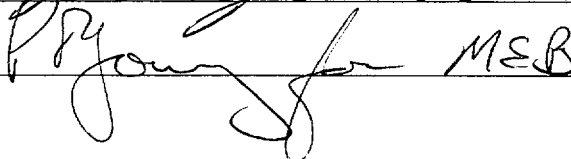
Instructions:

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: KNPP		Date of Exam: 8/26-9/13/02		Exam Level: RO		
Item Description	Initial			a	b*	c#
	a	b*	c#			
1. Questions and answers technically accurate and applicable to facility				PA	DDM	PTM
2. a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available				PA	DDM	PTM
3. RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401				PA	DDM	PTM
4. Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process				N/A	N/A	N/A
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)				PA	DDM	PTM
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	PA	DDM	PTM
	37	13	50			
7. Between 50 and 60 percent of the questions on the exam (including 10 new questions) are written at the comprehensive/analysis level; enter the actual question distribution at right	Memory		C/A	PA	DDM	PTM
	45		55			
8. References/handouts provided do not give away answers				PA	DDM	PTM
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				PA	DDM	PTM
10. Question psychometric quality and format meet ES, Appendix B, Guidelines				PA	DDM	PTM
11. The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet				PA	DDM	PTM
a. Author b. Facility Reviewer(*) c. NRC Chief Examiner(#) d. NRC Regional Supervisor				Printed Name / Signature Phillip A. Short / Phillip A. Short David D. Mielke / David D. Mielke Michael E. Bielloy / Michael E. Bielloy Dell R. McNeil / Dell R. McNeil (Asst)		Date 6/26/02 6-26-02 7/22/02 8/22/02
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: KNPP		Date of Exam: 8/26-9/13/02		Exam Level: SRO			
Item Description				Initial			
				a	b*	c#	
1. Questions and answers technically accurate and applicable to facility				PS	DOM	PSM	
2. a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available				PS	DOM	PSM	
3. RO/SRO overlap is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401				PS	DOM	PSM	
4. Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process				N/A	N/A	N/A	
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)				PS	DOM	PSM	
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	PS	DOM	PSM
		31	13	56			
7. Between 50 and 60 percent of the questions on the exam (including 10 new questions) are written at the comprehensive/analysis level; enter the actual question distribution at right		Memory		C/A	PS	DOM	PSM
		44		56			
8. References/handouts provided do not give away answers				PS	DOM	PSM	
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				PS	DOM	PSM	
10. Question psychometric quality and format meet ES, Appendix B, Guidelines				PS	DOM	PSM	
11. The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet				PS	DOM	PSM	
a. Author		Printed Name / Signature			Date		
b. Facility Reviewer(*)		Phillip A. Short / <i>[Signature]</i>			6/26/02		
c. NRC Chief Examiner(#)		David D. Mielke / <i>[Signature]</i>			6-26-02		
d. NRC Regional Supervisor		Michael E. Bielby / <i>[Signature]</i>			7/22/02		
		Deil R. McNair / <i>[Signature]</i> (ARC)			8/22/02		
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Tier/Group	Randomly Selected K/A	Reason for Rejection
SRO - 1/3	028.AA2.13	Original RO and SRO outlines developed using computer program contained 26 RO and 26 SRO only K/As. A common topic was identified in Tier 1/Group 3, and the SRO K/A was then replaced with the RO K/A (028.AA2.11) and made common to both exams, giving 25 RO and 25 SRO only questions.
RO - 1/1	W/E06/2.4.2	Overload (4) of K/As chosen for topic of Inadequate Core Cooling. Randomly selected this K/A to reject, randomly chose another unselected topic (069-Loss of CTMT Integrity) and applied same Generic K/A.
Both - 1/1	W/E07.EK3.1	Overload (4) of K/As chosen for topic of Inadequate Core Cooling. Randomly selected this K/A to reject, randomly chose another unselected topic (055.EK3.01-Station Blackout).
SRO - 1/1	040.AA2.04	Overload (3) of K/As chosen for topic of Steam Line Rupture. Randomly chose another unselected topic (069.AA2.01).
SRO - 1/1	W/E10/2.4.4	Overload (3) of K/As chosen for Natural Circ. Operations, randomly chose another unselected topic (005 - 2.4.4)
Both - 1/1	027.AK3.01	Determined to be N/A to KNPP, took next applicable K/A (027.AK3.03) in same topic.
SRO - 1/1	2.4.4 (005)	Unable to write SRO level question, no applicable 2.4 section generics found applicable, selected new K/A (005.AA2.03).
SRO - 1/1	068.AA2.11	Unable to write SRO level question, no K/As deemed applicable in category, chose another K/A category (068.AA1.31).
SRO - 1/1	2.1.33 (015/017)	Unable to write SRO level question, reselected from applicable generics (2.1.12).
SRO - 1/2	2.1.33 (037)	Unable to write SRO level question, reselected from applicable generics (2.1.12).
SRO - 1/2	060.AA2.03	K/A for Topic 060 (Accidental Gaseous Radwaste Release very similar to Tier 2/Group 1 K/A for topic 071 Waste Gas Disposal. Unable to write different SRO level questions for both. Selected topic 060 to choose new K/A. However, due to similarity of entire 060 topic to the 071 K/A, this topic was deselected and another topic randomly selected from the previously unselected topic (009.EK3.21 - small break LOCA).
SRO - 1/3	2.4.46 (W/E13)	Unable to write SRO level question, reselected from applicable generics (2.4.18, 2.4.11 deemed N/A).
SRO - 2/1	2.4.46 (015)	Unable to write SRO level question, reselected from applicable generics (2.4.11).
SRO - 2/1	2.4.46 (071)	Unable to write SRO level question, reselected from applicable generics (2.4.11).
SRO - 2/3	2.4.24 (076)	Unable to write SRO level question, reselected from applicable generics (2.4.24).
SRO - 3	2.1.33	Unable to write SRO level question, reselected from applicable generics (2.1.12).
Both - 2/3	034.A3.03	Not applicable to facility, no automatic functions, chose next K/A in category (034.A3.01).
Both - 2/1	017.A2.01	Unable to write question to match K/A (procedures), chose next applicable K/A (017.A2.02).
SRO - 1/2	033.AA2.13	Unable to write question to match K/A, chose K/A in same category (033.AA2.08).
SRO - 2/2	2.2.25 (028)	N/A since system is not TS related, no generic in 2.2 category found applicable, reselected from another K/A category (028.K5.04)

ES-401**Record of Rejected K/As****Form ES-401-10**

Tier/Group	Randomly Selected K/A	Reason for Rejection
Both - 2/1	061.K6.02	Per NRC feedback, existing question does not exactly match K/A. Question deemed to be a good question, therefore K/A reference changed to 061.K4.03 with NRC approval.
RO - 2/1	071.K4.06	Per NRC feedback, existing question does not exactly match K/A. Question deemed to be a good question, therefore K/A reference changed to 071.K4.04 with NRC approval.
RO - 2/1	072.K3.02	Unable to write appropriate RO level question to K/A, reselected K/A (072.A4.01) from within topic area and wrote new question.
SRO - 3	2.2.34	Reselected K/A within topic area, unable to write good SRO only question to existing K/A. Selected 2.2.21 and used Bank question from Kewaunee 2000 SRO NRC exam.

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Facility:		Date of Exam:		Exam Level (RC/SRO)		
Item Description				Initials		
				a	b	c
1.	Clean answer sheets copied before grading	BP	MS	MES		
2.	Answer key changes and question deletions justified and documented	BP	MS	N/A	MES	
3.	Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	BP	MS	MES		
4.	Grading for all borderline cases (80% +/- 2%) reviewed in detail	BP	MS	MES		
5.	All other failing examinations checked to ensure that grades are justified	BP	MS	N/A	MES	
6.	Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	BP	MS	MES		
		Printed Name / Signature			Date	
a. Grader		BRUCE PALAGI / <i>Bruce Palagi</i> Phillip A. Short / <i>Phillip A. Short</i>			9/12/02 9/9/02	
b. Facility Reviewer(*)		Chuck Sizemore / <i>Chuck Sizemore</i>			9/9/02	
c. NRC Chief Examiner (*)		Michael E. Bielby / <i>Michael E. Bielby</i>			9/12/02	
d. NRC Supervisor (*)		DAVID L. PELTON / <i>David L. Pelton</i>			9/23/02	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.						

Facility:	Date of Exam:	Exam Level: RO/SRO	
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	BP <i>[Signature]</i>	MS	MEB
2. Answer key changes and question deletions justified and documented	BP <i>[Signature]</i>	MS	N/A MEB
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	BP <i>[Signature]</i>	MS	MEB
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	BP <i>[Signature]</i>	MS	MEB
5. All other failing examinations checked to ensure that grades are justified	BP <i>[Signature]</i>	MS	N/A MEB
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	BP <i>[Signature]</i>	MS	MEB
Printed Name / Signature		Date	
a. Grader	BRUCE PALAGI / <i>[Signature]</i> Phillip A. Short / <i>[Signature]</i>	9/14/02 9/9/02	
b. Facility Reviewer(*)	Mark Sizemore / <i>[Signature]</i>	9/3/02	
c. NRC Chief Examiner (*)	Michael E. Bielby / <i>[Signature]</i>	9/12/02	
d. NRC Supervisor (*)	DAVID L. PELTON / <i>[Signature]</i>	9/23/02	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			