Target Date*	Task Description (Reference)	Chief Examiner Initials
-180	Examination administration date confirmed (C.1.a; C.2.a and b)	V
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	A
-120	3. Facility contact briefed on security and other requirements (C.2.c) 2//3	1/2/
-120	4. Corporate notification letter sent (C.2.d)	The state of the s
[-90]	[5. Reference material due (C.1.e; C.3.c; Attachment 2)]	¥
-75	6. Integrated examination outline(s) due, including Forms ES-201-2, ES-201-3, ES-301-1, ES-301-2, ES-301-5, ES-D-1's, ES-401-1/2, ES-401-3, and ES-401-4, as applicable (C.1.e and f; C.3.d)	The same
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	M
45	8. Proposed examinations (including written, walk-through JPMs, and scenarios, as applicable), supporting documentation (including Forms ES-301-3, ES-301-4, ES-301-5, ES-301-6, and ES-401-6), and reference materials due (C.1.e, f, g and h; C.3.d)	M
-30	9. Preliminary license applications (NRC Form 398's) due (C.1.I; C.2.g; \$\frac{3}{3}\$	i /)7
(-14)	10. Final license applications due and Form ES-201-4 prepared (C.1.I; C.2.i; ES-202)	M
-14	11. Examination approved by NRC supervisor for facility licensee review 5/3 (C.2.h; C.3.f)	
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f and h; C.3.g)	14
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	, N
-7	14. Final applications reviewed; examination approval and waiver letters sent (C.2.i; Attachment 4; ES-204)	9
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee (C.3.k)	4
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	3

Facility	Date of Examination:	_		
			Initial	s
Item	Task Description	а	b*	c#
1. W	a. Verify that the outline fits the model in accordance with ES-701.	CSO	7	The
R I T	 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 sampled at least once. 	CSA	١	M
Т	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	CSO	i	891
E N	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	CS	<u>ر</u>	81
2. O	 a. Verify that the overall operating test: (1) includes at least two tasks that require the use of technical specifications (2) does not duplicate any tasks from the applicants' audit test(s) 	CES	7	M
P E R A T	 b. Verify that the administrative tasks: (1) are distributed among the four administrative topics described in ES-301 (2) include no more than one repeat from the last two NRC licensing examinations (3) include at least one task that is new or significantly modified 	Csof	_	M
- z 0	e. Verify that the systems walk-through includes: (1) two tasks requiring the manipulation of fuel handling equipment (2) two additional tasks related to Tier 2 systems other than fuel handling equipment (3) two tasks requiring implementation of alternative path procedures (4) no more than one repeat from the last two NRC licensing examinations (5) at least one task that is new or significantly modified	CSA	7	H
	 d. Verify that the E/APE walk-through includes: (1) three JPMs based on the Tier 1evolutions, including a refueling accident (2) one task requiring implementation of an alternative path procedure (3) no more than one repeat from the last two NRC licensing examinations (4) at least one task that is new or significantly modified 	CBA	—	X
	 Determine whether there are enough different outlines to test the projected number of applicants and ensure that no items are duplicated on subsequent days. 	CEH	7	1
3.	Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	CSA	L	*
G E	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	CEA	١	*//
N E R	 Assess whether the sampling process adequately considered plant-specific refueling components, systems, and procedures that are not included in the generic models. 	CBA	L-	1
A L	d. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	CSA	7	
	e. Check for duplication and overlap among exam sections.	CBA	7	M
	f. Check the entire exam for balance of coverage.	Csaf	7	Sh
	g. Assess whether the proposed sample is consistent with the LSRO's job responsibilities.	CSI	ا	1
10. Fa	Printed Name / Signature Colley B. Coff (1) Soft (2) RC Chief Examiner (#) RC Supervisor Printed Name / Signature Colley B. Coff (1) Soft (2) RC Supervisor		-97 -47 -41	10 0 S

* NOTE: Lim/PB TAKOREL EXAM WILL HAVE TO BE FORMENLY
ES-701, Page 15 of 18

Submitted of approved By o CB - Levenile

Has tentate plans that are acceptable faced

an Enference Call 3/21/05 Guerthan, Coul Kinh Shock

ES-701 LSRO Written Examination Form ES-701-6

Quality Checklist

Facility:	LGS	PBAT	5					Da	ite of E	xam: 6	1/3/05		
											L	Initial	
				item	Description	l					а	b*	c#
1.	Questio	ns and a	nswers	are techr	nically accur	rate a	nd applic	able to	the fac	cility.	CSD	1	Th
2.					r all question						CSS	1	DU.
3.	Questio	ns are ap	propriat	te for LSI	RO applicar	nts.					CSS	1	X
4.	Questio appears	n selections consiste	on and d	luplicatio a system	n from the I atic samplir	ast tw	o NRC lie	censin	g exam	s			S _A
5.	as indica the a the e the li	ated belo udit exar udit exar examination	w (chec n was sy n was co ons were ertifies t	k the iter ystemation ompleted e develor	inse screen in that applically and rai before the ped indeper is no dupli	es) ar ndomi licens ndentl	nd appear by develor se exam v y	rs appr oed	opriate	ed :	CSO	_	A
6.					an 30 quest		Bank	Mod	ified_	New			M
	enter the	bank, at le e actual c	ast 4 nev juestion	w, and the distribut	rest modified ion at right.	<u>"</u>	6	-		37	050	\sim	
7.		n 50 and ouestions of					Mem	ory	l	C/A	PBA		Qu.
	at the co	ompreher	ision/an	alysis lev		*	2	1		29	00	<u></u>	
8.	Reference or aid in	ces/hand eliminati	outs pro	vided do actors.	not give av	way a	nswers				CSD	~	À
9.	examina	content c ition outlins are jus	ne and is	with spec s approp	ific K/A state	ments Tier	s in the pre to which t	eviously hey ar	approve assig	red ned;	CBA		7
10.	Question	psychor	netric qu	uality and	d format me	et gui	delines ir	ES A	ppendi	к В.	CSO	1	X
11.	The exar and agre	m contair es with v	s 40 on alue on	e-point, i cover sh	multiple cho leet.	ice ite	ems; the t	total is	correct	l 	cst	<u></u>	M
a. Autho b. Facilit c. NRC d. NRC	ty Review Chief Exa	aminer (#		Corey John P.J.	Pr B. Goff E. Lich Con Le	4	Name / S	signatur S	re Y			Da 6/6, 6/	te /05- .05 5/05 8/05
Note:	• The fac # Indepe	cility revie	ewer's in	nitials/sig ewer initia	nature are r al items in C	not ap Colum	plicable f n "c"; chie	or NR(ef exam	C-devel	oped exa	minatior e requir	ns. ed.	

*50 QUESTION EXAM

Reusen I

ES-701 LSRO Operating Test Quality Checklist

Form ES-701-7

Facility:	LGS PBAS Date of Examination: 6/13/05 Operation	g Test	Numb	er:
	Item Description	а	Initia	ls c#
1.	The operating test conforms with the LSRO's job responsibilities and the previously approved outline (Form ES-701-4).	C6B	1	M
2.	Any changes from the previously approved outline have not caused the test to deviate from any of the acceptance criteria (e.g., item distribution, bank use, repetition from the last two NRC examinations) specified on the outline.	CSS	7	X
3.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	CBS	4	M
4.	The operating test does not duplicate items from the applicants' audit test(s). (See Section D.1.a of ES-301).	CBS	4	M
5 .	Overlap between the written examination and the operating test is within acceptable limits.	CBS	5	(XXX)
6.	It appears that the operating test will differentiate between competent and less-than-competent applicants.	CBA)	1	W
7.	 Each JPM includes the following, as applicable: initial conditions initial conditions 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 	Œ	1	X
c. NRC	Printed Name / Signature or ity Reviewer(*) Chief Examiner (#) Supervisor Printed Name / Signature ORCY B. GOFF / Curb Public To How G. Commuso On Commuso	<u>5</u>	Date (6/06)	05

Remin 10

ES-701

LSRO Examination Outline Quality Checklist

Form ES-701-5

Facility	Date of Examination:			
,		<u></u>	Initial	3
Item	Task Description	а	p,	c#
1. W	a. Verify that the outline fits the model in accordance with ES-701.	Csb	Ĵ	
RI	 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 sampled at least once. 	CSF	'—	
T	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	CSO	J	
шZ	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	CS	<u>ر</u>	
2. O	 a. Verify that the overall operating test: (1) includes at least two tasks that require the use of technical specifications (2) does not duplicate any tasks from the applicants' audit test(s) 	CES	1	
P E R A T	 b. Verify that the administrative tasks: (1) are distributed among the four administrative topics described in ES-301 (2) include no more than one repeat from the last two NRC licensing examinations (3) include at least one task that is new or significantly modified 	લ્લ	1	
- 2 G	e. Verify that the systems walk-through includes: (1) two tasks requiring the manipulation of fuel handling equipment (2) two additional tasks related to Tier 2 systems other than fuel handling equipment (3) two tasks requiring implementation of alternative path procedures (4) no more than one repeat from the last two NRC licensing examinations (5) at least one task that is new or significantly modified	(st	7	
	 d. Verify that the E/APE walk-through includes: (1) three JPMs based on the Tier 1 evolutions, including a refueling accident (2) one task requiring implementation of an alternative path procedure (3) no more than one repeat from the last two NRC licensing examinations (4) at least one task that is new or significantly modified 	<i>િક</i> અ	1	_
	 Determine whether there are enough different outlines to test the projected number of applicants and ensure that no items are duplicated on subsequent days. 	CBA	1	
3.	Assess whether plant-specific priorities (including PRA and IPE insights) are covered in the appropriate exam section.	CSA	1	, ,
G E	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	CSA	ال	
N E R	 Assess whether the sampling process adequately considered plant-specific refueling components, systems, and procedures that are not included in the generic models. 	CBA	<u></u>	•
A L	d. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	CSA	\rightarrow	
	e. Check for duplication and overlap among exam sections.	C3A	(
	f. Check the entire exam for balance of coverage.	Craf	1	-
	g. Assess whether the proposed sample is consistent with the LSRO's job responsibilities.	Cost	ر ا	
b. Fi	Printed Name / Signature cition Coeey B. Coff / Coff Soft Coeey B. Coeey B. Coff Soft Coeey B. Coff Soft Coeey B. Coff Soft Coeey B. Coff Soft Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeey B. Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeey B. Coeey B. Coeey B. Coeey B. Coee Coeep B. Coeey B. Coeep B. Coe		- Da	<u>e</u> c c
Note:	# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.			

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ES-701

LSRO Written Examination Quality Checklist

Form ES-701-6

Facility	: LGS/PBAPS	Dat	e of Exam:	JUNE	13, 2	.005	
						Initial	
	Item Description				а	b*	c*
1.	Questions and answers are technically accurate and a	pplicable to	the facility.		CBD	\mathbb{D}^{N}	
2.	NRC K/As are referenced for all questions (as appliable). Facility learning objectives are referenced as available.	•			CRO	DM	
3.	Questions are appropriate for LSRO applicants.				(BE)	DAM	
4.	Question selection and duplication from the last two N appears consistent with a systematic sampling process		g exams				
5.	Question duplication from the license screening/audit as indicated below (check the item that applies) and all the audit exam was systematically and randomly detented the audit exam was completed before the license examinations were developed independently the licensee certifies that there is no duplication other (explain)	opears apported	ropriate:		CBA	DAM.	
6.	Bank use meets limits (no more than 30 questions from the bank, at least 4 new, and the rest modified); enter the actual question distribution at right	Bank	Modified 7	New 34	CBB	M	
7.	Between 50 and 60 percent (20 and 24) of the questions on the exam are written at the comprehension /analysis level; enter the actual question distribution at right	Memo 20		c/a 30	CBet	≫ ~	
8.	References/handouts provided do not give away answ or aid in eliminating distractors.	ers			CBA	DM	
9.	Question content conforms with specific K/A statemen examination outline and is appropriate for the Tier to w deviations are justified	•			cset	DAM	
10.	Question psychometric quality and format meet the gu	idelines in l	ES Appendi	xB.	CSD	DAM	
11.	The exam contains 40 one-point, multiple choice items and agrees with value on cover sheet	s; the total i	s correct		CBA	DAM	
b. F	uthor acility Reviewer (*) RC Chief Examiner (#) RC Regional Supervisor	Signature Cerus ki/J	B. S.			D: 4/20 	ate 05 7/05
Note:	The facility reviewer's initials/signature are not appli # Independent NRC reviewer initial items in Column "						

15 50 QUESTIONS DER AGREEMENT WITH NRC 180/DAM (2) POINT TOTAL WIll Be 50 FOR 50 QUESTIONS PER AGREEMENT WITH NRC 180/DAM

Facility	y: Date of Exam:	Exam Le	evel: R	O/SRO
			Initials	5
	Item Description	а	b	С
1.	Clean answer sheets copied before grading	caf	<u></u>	12/
2.	Answer key changes and question deletions justified and documented	cof	-	N
3.	Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	cof	7	X
4.	Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	caf	١	N
5.	All other failing examinations checked to ensure that grades are justified	caf	-	D'
6.	Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	Caf	-	A
	Printed Name/Signature		[Date
a. Gra	ader Craig A Fritz/Raig O. Int.	<u>)</u>	6/16	6/05
b. Fa	cility Reviewer(*) Carl E. Rich Jr.	\	6/1	7/05
c. NR	C Chief Examiner (*)	<u>U</u>	7/1	8/05
d. NR	C Supervisor (*) F.J. Cente / 609 Cm	<u> </u>	2/1	8/05
(*)	The facility reviewer's signature is not applicable for examinations two independent NRC reviews are required.	graded t	y the N	NRC;

* NOTE: JOE D'ANTONIO SECOND CHEEK OF GARdING

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of <u>L/13/05</u> 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 6/13/05. 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. Cokey GOFF 2. Carl E Francis	INSTRUCTOR	Cybol	3-15-05 3-16-05	Cay B Ag	6/20/05 6/15/01
3. T-MUTHUY KAN 4. JOHN J PORKLANSKY	PB OTM	The Contract of the Contract o	7-21-05	Anti CAN	्रा क्येबर्
5. David Malwowski	INSTRUCTULE OTPS	Jan Juray	4-7-05	fillimay	421/05
8. Milliam Biginie	LSRU LSRU	Wiliam) Barnes	5/17/05		us 57/5/05
9. <u>Craig A Fritz</u> 10	Instructor	(fing (this)	<u> 6/10/05</u>	Gara Co. Tuto	6/16/05
12					
14 15.					
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09-08-2005

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 6/13/55 as of the date of my signature. I agree that I will not knowledge 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 itemsing examinations from this date until completion of examination, 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 menagement 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 6/13/05. 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. Cokey GOFF	INSTRUCTOR	CxBroll	3.6.0		
2. Carle Folin 3. Tomother Y KAN	INSTRUCTOR		<u> </u>		
4. Jams Popularsky	PB orm	VA (2)	7-21-05	12	616-60
5. Darko Malwouski 6. Subil Mulartnen	Instructor	- Jel-	4-7-05	3 . B	7.7.7.
7. Johns B Gary JV	Thotach	To land	4805	9	6/25/05
8. Michale D. Anbarnan 8. VICYINGA H. SILLOWS	Clerical Support	mileo	4-18-05	Make O. al	4-2305
10. Jah J. Nelson	LSRO INSTRUCTOR	Chining The Sinis	4/20/05	50010	6/21/5
11. PALIP E. NIEUM.	Insmurer	0 1/201/ 10	4-21-05	The Wilt on the	كوافعل
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	Examina	tion Security Agreement	Form ES-601-1
. 1	Pre-Examination		1
s of the sen aut peratura oted be slect the as docu f the ex	riedge that I have acquired specialized knowledge above date of my signature. I agree that I will not knowingly thorized by the NRC's chief examiner. I understand the acheduled to be administered these examinations from the action and authorized by the NRC (e.g., acting as a simule training content or provide direct or indirect feedback imented in the facility licensee's procedures) and under teminations and/or an enforcement action against me of RC's chief examiner any indications or suggestions that	divulge any information about these at I am not to instruct, evaluate, or p m this data-until-completion of examinator booth operator or communicate). Furthermore, I am aware of the patiend that violation of the condition or the facility licensee. I will immedia	examinations to any persons who have not rovide performance feedback to those infration examination, except as specifically or is acceptable if the individual does not physical security measures and requirements to find the individual does not performent that in cancellation at the property of a call the individual does not provide the individual d
	Post-Examination	t Chairminason society may have be	er auripromisee.
lminist Iminist	est of my knowledge, I did not divulge to any unauthori bred during the week(s) of From the date to tration, I did not instruct, evaluate, or provide performants as specifically noted below and authorized by the NRC.	hat I entered into this security agree has feedback to those operators wh	ement until the completion of examination
cept a			
Je	PRINTED NAME JOB TITLE / RESPONSIBILITY REGITAL SING.	SIGNATURE (1) South for God	
<u>Je</u>			
St.	FF Holley Rectoring. LAST DURGE SYC. MALINIAN DINTAGE SYC.	Hally pl tiles	5.19.05 dinor 1 sol 678
St.	FF Holley Reactor sny.	Hally pl tiles	5.19.05 dinor 1 sol 678
Je Jho	FF Holley Rectoring. LAST DURGE SYC. MALINIAN DINTAGE SYC.	Holland turk	5.19.05 dinor 1 sol 678