

VARIOUS CHECKLISTS

FOR THE D. C. COOK RETAKE EXAMINATION - AUG 10, 2004

Facility: <u>D C Cook U1/U2</u>		Date of Examination: <u>8/10/04</u>
Examinations Developed by: Facility / <u>NRC</u> (circle one)		
Target Date*	Task Description / Reference	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a & b)	drm
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	drm
-120	3. Facility contact briefed on security & other requirements (C.2.c)	drm
-120	4. Corporate notification letter sent (C.2.d)	drm
[-90]	[5. Reference material due (C.1.e; C.3.c)]	drm
-75	6. Integrated examination outline(s) due (C.1.e & f; C.3.d)	drm
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	n/a
-45	8. Proposed examinations, supporting documentation, and reference materials due (C.1.e, f, g & h; C.3.d)	drm
-30	9. Preliminary license applications due (C.1.i; C.2.g; ES-202)	drm
-14	10. Final license applications due and assignment sheet prepared (C.1.i; C.2.g; ES-202)	drm
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	drm
-14	12. Examinations reviewed with facility licensee (C.1.j; C.2.f & h; C.3.g)	drm
-7	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	n/a
-7	14. Final applications reviewed; assignment sheet updated; waiver letters sent (C.2.g, ES-204)	drm
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee and authorization granted to give written exams (if applicable) (C.3.k)	n/a
-7	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	drm
<p>* 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.</p> <p>[] Applies only to examinations prepared by the NRC.</p>		

Facility: <u>D.C. Cook 41/42</u>		Date of Examination: <u>8/10/04</u>		
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 per ES-401.	N/A	N/A	N/A
	b. Assess whether the outline was systematically prepared and whether all knowledge and ability categories are appropriately sampled.	N/A	N/A	N/A
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	N/A	MA	N/A
	d. Assess whether the repetition from previous examination outlines is excessive.	N/A	N/A	N/A
2. S I M	a. Using Form ES-301-5, verify that the proposed scenario sets cover the required number of normal evolutions, instrument and component failures, 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; ensure 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 scenarios will not be repeated over successive 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: (1) the outline(s) contain(s) the required number of control room and in-plant tasks, (2) no more than 30% of the test material is repeated from the last NRC examination, (3)* no tasks are duplicated from the applicants' audit test(s), and (4) no more than 80% of any operating test is taken directly from the licensee's exam banks.	Chm	RW	dm
	b. Verify that: (1) the tasks are distributed among the safety function groupings as specified in ES-301, (2) one task is conducted in a low-power or shutdown condition, (3) 40% of the tasks require the applicant to implement an alternate path procedure, (4) one in-plant task tests the applicant's response to an emergency or abnormal condition, and (5) the in-plant walk-through requires the applicant to enter the RCA.	Chm	RW	dm
	c. Verify that the required administrative topics are covered, with emphasis on performance-based activities.	Chm	RW	dm
	d. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on successive days.	N/A	RW	dm
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 section.	Chm	RW	dm
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	Chm	RW	dm
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	Chm	RW	dm
	d. Check for duplication and overlap among exam sections.	Chm	RW	dm
	e. Check the entire exam for balance of coverage.	Chm	RW	dm
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	Chm	RW	dm
a. Author <u>NRC</u>		Printed Name / Signature <u>CARL MOORE</u>		Date <u>7/26/04</u>
b. Facility Reviewer(**) <u>Raymond Keith Walton</u>		<u>Raymond Keith Walton</u>		<u>7/26/04</u>
c. Chief Examiner <u>Deil R. McNeil</u>		<u>Deil R. McNeil</u>		<u>7/26/04</u>
d. NRC Supervisor <u>RD Lanksbury</u>		<u>RD Lanksbury</u>		<u>7/26/04</u>
(*) Not applicable for NRC-developed examinations.				

ES-201

Examination Security Agreement

Form ES-201-3 (R8, S1)

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 8/10/2004 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 8/10/2004. 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. JOHN T. CONRAD	ILT Instructor - Sr.	<i>John T. Conrad</i>	8/10/04	<i>John T. Conrad</i>	8/10/04
2. IVAN D. FLEETWOOD	ILT Supervisor	<i>Ivan D. Fleetwood</i>	8/10/04	<i>Ivan D. Fleetwood</i>	8-10-04
3. BOB BRANCH	VS SRO	<i>Bob Branch</i>	8/10/04	<i>Bob Branch</i>	8/10/04
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NOTES:

Facility: D. C. Cook U1/U2Date of Examination: August 10, 2004Examination Level (circle one): RO / SROOperating Test Number: 2004302

Administrative Topic/Subject Description		Describe method of evaluation: 1. ONE Administrative JPM, OR 2. TWO Administrative Questions
A.1	Conduct of Operations	Determine all applicable Technical Specifications and all required actions to be taken following a safety limit violation.
	Conduct of Operations	Determine Actions to Change Containment Integrity Options During Refueling.
A.2	Equipment Control	Calculate RCS Time to Boil/Core Uncovery - Loss of RHR
A.3	Radiation Control	Review Liquid Waste Release
A.4	Emergency Plan	Emergency Plan Classification with PAR

Facility: D. C. Cook		Date of Examination: 8/10/04		Operating Test Number: 2004302	
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).	N/A	BP	BM	
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	N/A	BP	BM	
c.	The operating test shall not duplicate items from the applicants' audit test(s) (see Section D.1.a).	N/A	BP	BM	
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	N/A	BP	N/A	BM
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	N/A	BP	BM	
2. WALK-THROUGH (CATEGORY A & B) CRITERIA			--	--	--
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> 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: <ul style="list-style-type: none"> 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 	CLM	BP	BM	
b.	The prescribed questions in Category A are predominantly open reference and meet the criteria in Attachment 1 of ES-301. <i>(No prescribed questions used)</i>	CLM	BP	N/A	BM
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.	CLM	BP	BM	
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	CLM	BP	BM	
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.	N/A	BP	N/A	BM
Printed Name / Signature		Date			
a. Author	CARL MOORE / Carl Moore	7/26/04			
b. Facility Reviewer(*)	Bruce Palagi / Bruce Palagi	7/29/04			
c. NRC Chief Examiner (#)	Dell McNeil / Dell McNeil	7/29/04			
d. NRC Supervisor	RD Lanksbury / RD Lanksbury	7/30/04			
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.					