

by 1/12/2006

CHIEF:	Gary Johnston	FACILITY:	ANO1U1	DATE of WRITTEN EXAM:	12/9/05
Due Date	Description	Date Complete	Initials	Notes	
10/6/05	Activity Schedule Agreement (C.1.a; C.2.a & b)	—	JK		
10/6/05	NRC Staff & Fac. Contact Assigned (C.1.c; C.2.e)	—	JK	Hartini & Clark	
10/6/05	Facility Contact Briefed on Security & Other Req's (C.2.c)	—	JK		
10/10/05	Corporate Notification Letter (ES-201 Att-3) Sent (C.2.d)	—	JK		
N/A	Exam Ref. Material Due (if NRC authored) (C.1.d; C.3.c)	—	JK		
N/A	Integrated Exam Outlines Due (C.1.d & e; C.3.d)	10/15/05	JK		
10/17/05	Outlines Review & Feedback from NRC (c.2.h; C.3.e)	10/20/05	JK		
10/17/05	Expectations, Issues, & Standards Discussed w/ BC	—	JK		
11/15/05	Draft Exams w/ Doc./Ref. Due (C.1.d/e/f; C.3.d)	11/15/05	JK		
11/21/05	Peer Reviewer Documents Review of Exam	11/23/05	JK		
11/21/05	NRC BC Approves Feedback to Facility (C.2.h; C.3.f)	11/25/05	JK		
11/22/05	Exams Reviewed w/ Fac. (C.1.h; C.2.f&h; C.3.g)	11/25/05	JK		
11/9/05	Preliminary Applications Reviewed (C.1.j; C.2.g; ES202)	8/11/05	JK		
11/25/05	Final Applications Reviewed (C.1.j; C.2.h; ES202)	8/30/05	JK		
N/A	On-Site Preparatory Week to Validate Operating Exam	N/A	JK		
N/A	On-Site Audit (10%) of License App's (ES-202 C.2.e)	N/A	JK		
12/2/05	Final Appl. OK'ed & Waivers Sent to Applicants (C.2.g)	1/9/06	JK		
12/2/05	NRC Supervisor Approved Final Exams (C.2.i; C.3.h)	12/12/05	JK		
12/2/05	Exam Approval Letter (ES-201 Att-4) and List of Applicants (ES-201-4) Prepared (C.2.i)	11/2/05	JK		
12/2/05	Proctor Rules Review w/Fac. & Written Authorized (C.3.k)	1/9/06	JK		
12/2/05	Exam Material to Exam Team (C.3.i)	N/A	JK		
12/9/05	Administer Written Exam On-Site	1/12/06	JK		
12/21/05	Facility Graded Exam & Comments Received	1/10/06	JK		
12/24/05	NRC Written Exam Grading Completed	1/10/06	JK		
11/5/05	Examiners Document Exam Grades on ES Forms	1/8/06	JK		
1/3/06	NRC Chief Examiner Grading Review Completed	1/10/06	JK		
1/4/06	NRC BC Review Completed	1/25/06	JK		
1/9/06	RPS/IP # Examinees Updated Before Report Issued	1/25/06	JK		
1/9/06	License/Denials Signed & Report Issued	2/15/06	JK		
1/30/06	Package Closed Out	1/17/06	JK	Long class wrapping	
3/9/06	Chief QA of ADAMS	2/14/06	JK		

Facility: **Arkansas Nuclear One Unit One** Date of Examination: **12/9/2005**

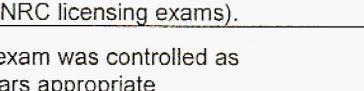
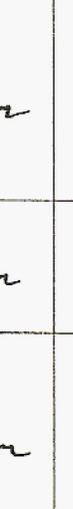
Item	Task Description	Initials		
		a	b*	c#
1. W R I T T E N	a. Verify that the outline(s) fit(s) the appropriate model per ES-401.	gc	Rkm	20ac
	b. Assess whether the outline was systematically and randomly prepared in accordance with Section D.1 of ES-401 and whether all K/A categories are appropriately sampled.	gc	Rkm	20ac
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	gc	Rkm	20ac
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	gc	Rkm	20ac
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, technical specifications and major transients.	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, and ensure that 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 subsequent days.	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	—
3. W / T	a. Verify that the systems walk-through outline meets the criteria specified on Form ES-301-2: (1) the outline(s) contain(s) the required number of control room and in-plant tasks distributed among the safety functions as specified on the form (2) task repetition from the last two NRC examinations is within the limits specified on the form (3) no tasks are duplicated from the applicants' audit test(s) (4) the number of new or modified tasks meets or exceeds the minimums specified on the form (5) The number of alternate path, low-power, emergency, and RCA tasks meet the criteria on the form.	N/A	N/A	—
	b. Verify that the administrative outline meets the criteria specified on Form ES-301-1: (1) the tasks are distributed among the topics as specified on the form (2) at least one task is new or significantly modified (3) no more than one task is repeated from the last two NRC licensing examinations	N/A	N/A	—
	c. Determine if there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	N/A	N/A	—
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 sections.	gc	Rkm	20ac
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	gc	Rkm	20ac
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	gc	Rkm	20ac
	d. Check for duplication and overlap among exam sections.	gc	Rkm	20ac
	e. Check the entire exam for balance of coverage.	gc	Rkm	20ac
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	gc	Rkm	20ac

a. Author	Printed Name / Signature: <u>John W. Cook / John W. Cook</u>	Date: <u>10-17-05</u>
b. Facility Reviewer (*)	<u>RKM / Randal K. Martin</u>	<u>10-17-05</u>
c. NRC Chief Examiner (#)	<u>J. J. [Signature] / Gary W. Johnston</u>	<u>10-24-05</u>
d. NRC Supervisor	<u>A.T. Goddy / A.T. Goddy</u>	<u>10/24/05</u>

Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.  
 [This examination is for a written re-take only.]

Facility: Arkansas Nuclear One Unit One Date of Exam: ~~12/7/2005~~ 1/12/2006 Exam Level: RO/SRO

Item Description	Initial		
	a	b	c#
1. Questions and answers are technically accurate and applicable to the facility.	yes	Rkm	KPC
2. a. NRC K/As referenced for all questions. b. Facility learning objectives referenced as available.	yes	Rkm	KPC
3. SRO questions are appropriate in accordance with section D.2.d of ES-401	N/A	N/A	N/A
4. The facility licensee's sampling process was random and systematic (i.e., no more than 4 RO and/or 2 SRO questions were repeated from the last 2 NRC licensing exams).			KPC
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 -- the audit exam was completed before the license exam was started -- the examinations were developed independently -- the licensee certifies that there is no duplication X -- other (explain): No audit exam administered for this retake exam.	yes	Rkm	KPC
6. Bank use meets limits (no more than 75 percent from bank, at least 10 percent new, and the rest new or modified); enter the actual RO/SRO-only question distribution(s) at right.	Bank 69%	Modified 10	New 19
	RO 68%	RO 16%	RO 16%
	SRO N/A	SRO N/A	SRO N/A
7. Between 50 and 60 percent of the questions on the RO exam are written at the comprehension/analysis level; the SRO exam may exceed 60 percent if the randomly selected K/As support the higher cognitive levels; enter the actual RO/SRO question distribution(s) at right.	Memory	C/A	
	RO 33%	RO 67%	SRO N/A
8. References/ handouts provided do not give away answers or aid in the elimination of distractors.	yes	Rkm	KPC
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.	yes	Rkm	KPC
10. Question psychometric quality and format meet the guidelines in ES, Appendix B.	yes	Rkm	KPC
11. The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet.	yes	Rkm	KPC

	Printed Name / Signature	Date
a. Author	John W. Cook / 	11-9-05
b. Facility Reviewer (*)	Randal Martin / 	11-9-05
c. NRC Chief Examiner (#)	Kelly Clayton / 	11-28-05
d. NRC Regional Supervisor	A.T. Gooch / 	12/20/05

Note: \* The Facility reviewer' initials/signature are not applicable for NRC-developed examinations  
# Independent NRC reviewer initial items in column "c," chief examiner concurrence required

Facility: <u>ANO Unit One</u>		Date of Exam: <u>1-12-06</u>		Exam Level: <u>RO/SRO</u>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>ju</u>	<u>Rkm</u>	<u>JM</u>		
2. Answer key changes and question deletions justified and documented	<u>ju</u>	<u>Rkm</u>	<u>JM</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>ju</u>	<u>Rkm</u>	<u>JM</u>		
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	<u>ju</u>	<u>Rkm</u>	<u>JM</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>ju</u>	<u>Rkm</u>	<u>JM</u>		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	<u>ju</u>	<u>Rkm</u>	<u>JM</u>		
Printed Name/Signature		Date			
a. Grader	<u>John W. Cork / John W. Cork</u>	<u>1-12-06</u>			
b. Facility Reviewer(*)	<u>Randal Martin / Rkm</u>	<u>1-12-06</u>			
c. NRC Chief Examiner (*)	<u>T.O. McFERNON / T.O. McFERNON</u>	<u>1-25-06</u>			
d. NRC Supervisor (*)	<u>A.T. Goady / A.T. Goady</u>	<u>1/25/06</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

Notes:

No answer key changes or question deletions were required.

There were no borderline cases.

There were no failing examinations.

There was only one applicant, therefore the validity of questions missed by half or more of the applicants was not evaluated.

# Operator Licensing Exam Schedule

From 10/01/2005 To 01/13/2006

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07/13/2006  
13:11:21  
Report 21

Region: 4 Phase Code: 5 Operational

Exam Week	Site/Docket No./Insp Rpt #	# Candidates	Type	Exam Author	Chief Examiner	Examiners Assigned
01/12/2006	Arkansas Nuclear One / 050000313 / 2006301 TAC #: X02334	RO - 1	Admin	FFF	JOHNSTON, GARY W.	JOHNSTON, GARY W.

# Operator Licensing Exam Schedule

From 10/01/2005 To 01/13/2006

Region: 4

Phase Code: 5 Operational

**Summary By Date**

01/2006 ANO - Arkansas Nuclear One  
RO - 1

SROI - 0

SROU - 0

LSRO - 0

Total for Arkansas Nuclear One: 1

# Operator Licensing Exam Schedule

## From 10/01/2005 To 01/13/2006

Region: 4

Phase Code: 5 Operational

### Summary By Site

#### ANO - Arkansas Nuclear One

RO - 1

SROI - 0

SROU - 0

LSRO - 0

Total for Arkansas Nuclear One: 1

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of December 16<sup>th</sup> 2005 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 December 16<sup>th</sup> 2005. 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 W. Cork	Instructor/Exam Developer	<i>[Signature]</i>	10/16/05	<i>[Signature]</i>	1-12-06
2.	Randal K. Norton	Trng Supv/ Facility Rep.	<i>[Signature]</i>	10/14/05	<i>[Signature]</i>	1-12-06
3.	Serry Storbakka	Control Room Supv.	<i>[Signature]</i>	10/19/05	<i>[Signature]</i>	1-12-06
4.	Robert Rossie	Control Room Supv	<i>[Signature]</i>	11/17/05	<i>[Signature]</i>	1-12-06
5.	SHARON KRANUS	Admin Spec	<i>[Signature]</i>	11/21/05	<i>[Signature]</i>	1/12/06
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