

July 27, 2007

NOTE TO: Tom Stetka, Chief Examiner
Operations Branch

FROM: Anthony Gody, Chief
Operations Branch
Division of Reactor Safety

SUBJECT: EXAMINATION ASSIGNMENT

You have been assigned as Chief of the Waterford 3 retake examination. You are reminded that this retake examination consists of a written examination only. Therefore, no operating test needs to be scheduled. Thank you for contacting the Waterford 3 facility to finalize the details of the examination. You are reminded that the RPS/IP system must be maintained to ensure that it remains accurate.

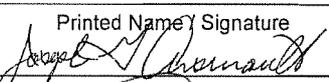
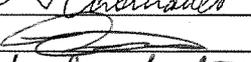
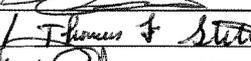
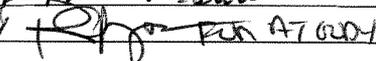
/s/ 

Anthony Gody, Chief
Operations Branch
Division of Reactor Safety

CHIEF:	Stetka	FACILITY:	Waterford 3	DATE of OPERATING EXAM:	11/12/07
Due Date	Description	Date Complete	Initials	Notes	
8/1/07	Exam Administration Date Confirmed (C.1.a; C.2.a & b)	8/1/07	TFS		
8/1/07	NRC Staff & Facility Contact Assigned (C.1.d; C.2.e)	8/1/07	TFS		
8/1/07	Facility Contact Briefed on Security & Other Req's (C.2.c)	8/1/07	TFS		
8/3/07	Corporate Notification Letter (ES-201 Att-3) Sent (C.2.d)	8/8/2007	GUN	produced by Chief Examiner	
8/14/07	Reference Material Due (if NRC authored) (C.1.e; C.3.c)	7/31/07	TFS	NA	
8/29/07	Integrated Exam Outlines Due (C.1.e & f; C.3.d)	8/29/07	TFS	Written Only - Retake	
9/3/07	Outlines Review & NRC Feedback Provided (c.2.h; C.3.e)	9/12/07	TFS		
9/28/07	Draft Exams w/References Due (C.1.e,f,g,h; C.3.d)	9/28/07	TFS		
10/13/07	*Peer Reviewer Completes Review of Exam on ES-401-9	10/02/07	TFS		
10/13/07	*NRC BC Approves Feedback to Facility (C.2.h; C.3.f)	10/04/07	TFS		
10/13/07	*Exams Reviewed w/ Fac. (C.1.h;C.2.f & h; C.3.g)	10/04/07	TFS		
10/13/07	Preliminary Applications Due (C.1.i;C.2.g; ES-202)	8/15/07	TFS		
10/18/07	Preliminary Applications Reviewed (C.1.i;C.2.g)	10/2/07	TFS		
10/29/07	Final Applications Due (C.1.i;C.2.i;ES-202)	10/17/07	TFS		
10/29/07	On-Site Preparatory Week to Validate Operating Exam	7/31/07	TFS	NA	
10/29/07	On-Site Audit (10%) of License App's (ES-202 C.2.e)	7/31/07	TFS	NA	
11/5/07	Final Appl. OK'ed & Waiver Letters Sent (ES-204; C.2.e)	11/1/07	SMB		
11/5/07	NRC Supervisor Approved Final Exams (C.2.i;C.3.h)	11/07/07	TFS		
11/5/07	Exam Approval Letter (ES-201 Att-4) and List of Applicants (ES-201-4) Prepared (C.2.i)	11/07/07	TFS	produced by OLA	
11/5/07	Proctor Rules Review w/Fac. & Written Authorized (C.3.k)	11/07/07	TFS		
11/5/07	Exam Material to Exam Team (C.3.i)	11/07/07	TFS	NA	
11/12/07	Administer Operating Exam On-Site	7/31/07	TFS	NA	
11/24/07	Facility Graded Exam & Comments Received	11/14/07	TFS		
11/27/07	NRC Written Exam Grading Completed	12/11/07	TFS		
11/27/07	Examiners Document Exam Grades on ES Forms	12/11/07	TFS	NA	
12/7/07	NRC Chief Examiner Grading Review Completed	12/11/07	TFS		
12/8/07	NRC BC Review Completed	12/11/07	TFS		
12/12/07	License/Denials Signed & Report Issued	12/11/07	SMB		
12/12/07	RPS/IP Number of Examinees Updated	NA	SMB	print Report-21	
12/27/07	Examination Report Issued	12/19	SMB	produced by Chief Examiner	
1/3/08	Package Closed Out	1/17/08	SMB		
1/3/08	Chief QA of ADAMS and SISP review complete	1/17/08	SMB	BEFORE TFS Retires!	

* Indicates the due dates are more conservative than the ES-201-1 requires.

Original Exam Date was 11/12/06

Facility:	Waterford 3		Date of Examination:	11/8/2007		
Item	Task Description		Initials			
			a	b*	c#	
W R I T T E N	a.	Verify that the outline(s) fit(s) the appropriate model per ES-401.	JWA	GW	GW	
	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.	JWA	GW	GW	
	c.	Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	JWA	GW	GW	
	d.	Assess whether the justifications for deselected or rejected K/A statements are appropriate.	JWA	GW	GW	
S I M U L A T O R	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.	NA	NA	NA	
	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 on subsequent days.	NA	NA	NA	
	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.	NA	NA	NA	
W / T	a.	Verify that 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 alternate path, low-power, emergency and RCA tasks meet the criteria on the form.	NA	NA	NA	
	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	NA	NA	NA	
	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.	NA	NA	NA	
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.	NA	GW	GW	
	b.	Assess whether the 10CFR 55.41/43 and 55.45 sampling is appropriate.	JWA	GW	GW	
	c.	Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	JWA	GW	GW	
	d.	Check for duplication and overlap among exam sections.	JWA	GW	GW	
	e.	Check the entire exam for balance of coverage.	JWA	GW	GW	
	f.	Assess whether the exam fits the appropriate job level (RO or SRO).	JWA	GW	GW	
a.	Author	Joseph G. Arsenault	 Printed Name / Signature		Date	8/25/2007
b.	Facility Reviewer (*)	Horace J. Lewis			Date	8/27/2007
c.	NRC Chief Examiner (#)	Thomas F. Stetka			Date	9/12/07
d.	NRC Supervisor	RYAN E. LANTZ			Date	9/27/07
NOTE: # Independent NRC reviewer initial items in Column "c", chief examiner concurrence required.						

Facility: Waterford 3		Date of Exam: 11/10/2006		Exam Level: <input checked="" type="checkbox"/> RO <input checked="" type="checkbox"/> SRO		
Item Description	Initial			a	b*	c#
	Bank	Modified	New			
1. Questions and answers technically accurate and applicable to the facility				KV	ES	JMB
2. a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available				KV	ES	JMB
3. SRO questions are appropriate per section D.2.d of ES-401				NA	N/A	JMB
4. The sampling process was random and systematic (if more than 4 RO or 2 SRO questions were repeated from the last 2 NRC Licensing Exams, consult the NRR OL program office.)						JMB
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 <input checked="" type="checkbox"/> the license certifies the there is no duplication; or -- other (explain)				KV	ES	JMB
6. Bank use meets limits (no more than 75 percent from bank at least 10 percent new, and the rest modified); enter the actual RO/SRO- only question distribution(s) at right	Bank	Modified	New	KV	ES	JMB
	35	1	39			
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		KV	ES	JMB
	34	41				
8. References/ handouts provided do not give away answers or aid in the elimination of distractors				KV	ES	JMB
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				KV	ES	JMB
10. Question psychometric quality and format meets ES, Appendix B, guidelines				KV	ES	JMB
11. The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet				KV	ES	JMB
				Printed Name / Signature		Date
a. Author	Keith Vines / <u>Keith Vines</u>			11/6/2007 **		
b. Facility Reviewer (*)	Horace J. Lewis / <u>Horace J. Lewis</u>			11/6/2007 **		
c. NRC Chief Examiner (#)	Thomas F. Stetka / <u>Thomas F. Stetka</u>			11/8/2007		
d. NRC Regional Supervisor	DANZANTZ / <u>Tom ATCUDY</u>			11/9/07		
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>W3</u>		Date of Exam: <u>11/8/07</u>		Exam Level: RO <input checked="" type="checkbox"/> SRO <input type="checkbox"/>	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	KV	CS	TJB		
2. Answer key changes and question deletions justified and documented	NA	NA	NA		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	KV	CS	TJB		
4. Grading for all borderline cases (80 ±2% overall and 70 or 80, as applicable, ±4% on the SRO-only) reviewed in detail	NA	NA	NA		
5. All other failing examinations checked to ensure that grades are justified	NA	NA	NA		
6. Performance on missed questions checked for training deficiencies and wording problems; evaluate validity of questions missed by half or more of the applicants	KV	CS	TJB		
Printed Name/Signature		Date			
a. Grader	<u>KEITH VINES</u> 	<u>11/8/07</u>			
b. Facility Reviewer(*)	<u>HORACE LEWIS</u> 	<u>11/8/07</u>			
c. NRC Chief Examiner (*)	<u>THOMAS F. STEER</u> 	<u>12/13/07</u>			
d. NRC Supervisor (*)	<u>RYAN LANTA</u> 	<u>12/19/07</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					

1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 11/8/07 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 (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 _____. 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. JOSEPH G ARSENAULT	AUTHOR	<i>Joseph G Arsenault</i>	8/6/07			
2. HORACE J. LEWIS	FACILITY REVIEWER	<i>[Signature]</i>	8/6/07		11/8/07	1
3. Keith Vines	Exam Development Lead	<i>Keith Vines</i>	8/6/07		11/8/07	
4. John Signorelli	Operations Reviewer	<i>John Signorelli</i>	8-9-07		11-8-07	
5. R.A. Dotts ES	OPERATIONS MGR / REVIEWER	<i>R.A. Dotts</i>	8-7-07		11/12/07	
6. Darryl Cornett	RO Exam Validator	<i>Darryl Cornett</i>	9-20-07		11-9-07	
7. JONATHAN HARTMAN	RO EXAM VALIDATOR	<i>Jonathan Hartman</i>	9-20-07		11-8-07	2
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9.						
10.						
11.						
12.						
13.						
14.						
15.						

NOTES:

1. ES-201-3 for Joe Arsenault attached.

2. Jonathan Hartman is currently out of state on vacation. Per telephone conversation on 11/8/07 he verified he did not divulge any Detailed Exam information to anyone NOT on the Security Agreement. Confirmatory Email Attached. KV

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	PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE(1)	DATE	SIGNATURE(2)	DATE	NOTE
1.	JOSEPH G ARSENAULT	AUTHOR	<i>Joseph G Arsenault</i>	8/16/07	<i>Joseph G Arsenault</i>	11/9/07	
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NOTES:

VINES, KEITH EDGAR

From: HARTMAN, JONATHON
Sent: Thursday, November 08, 2007 3:46 PM
To: VINES, KEITH EDGAR
Subject: Exam Agreement

Keith,
I am stating that I have not disclosed any information on the NRC Exam with anybody except the people under the NRC Agreement. Jonathan Hartman Reactor Operator