

Facility: <u>PPL - Susquehanna</u> RETAKE EXAM      Date of Examination: 12/11/02		
Examinations Developed by: <u>PPL - Susquehanna</u>		
Target Date*	Task Description / Reference	Chief Examiner's Initials
11/13/02	1. Examination administration date confirmed (C.1.a; C.2.a & b)	
11/13/02	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	
11/13/02	3. Facility contact briefed on security & other requirements (C.2.c)	
11/13/02	4. Corporate notification letter sent (C.2.d)	
N/A	[5. Reference material due (C.1.e; C.3.c)]	N/A
11/18/02	6. Integrated examination outline(s) due (C.1.e & f; C.3.d)	
11/18/02	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	
11/21/02	8. Proposed examinations, supporting documentation, and reference materials due (C.1.e, f, g & h; C.3.d)	
11/12/02	9. Preliminary license applications due (C.1.i; C.2.g; ES-202)	
12/09/02	10. Final license applications due and assignment sheet prepared (C.1.i; C.2.g; ES-202)	
12/09/02	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	
12/1/02	12. Examinations reviewed with facility licensee (C.1.j; C.2.f & h; C.3.g)	
12/09/02	13. Written examinations and operating tests approved by NRC supervisor (C.2.i; C.3.h)	
<del>12/09/02</del> 12/10/02 <del>20</del>	14. Final applications reviewed; assignment sheet updated; waiver letters sent (C.2.g, ES-204)	
N/A	15. Proctoring/written exam administration guidelines reviewed with facility licensee and authorization granted to give written exams (if applicable) (C.3.k)	N/A
12/09/02	16. Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)	
<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>Susquehanna</u>		Date of Examination: <u>12/11/02</u>		
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.	N/A	N/A	N/A
	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.	N/A	N/A	N/A
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	N/A	N/A	N/A
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	N/A	N/A	N/A
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
W / T	a. Verify that: (1) the outline(s) contain(s) the required number of control room and in-plant tasks, <i>Rec OK</i> (2) no more than 30% of the test material is repeated from the last NRC examination, <i>Rec OK</i> (3)* no tasks are duplicated from the applicants' audit test(s), and <i>Rec OK</i> (4) no more than 80% of any operating test is taken directly from the licensee's exam banks. <i>Rec OK</i>	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	b. Verify that: (1) the tasks are distributed among the safety function groupings as specified in ES-301, <i>Rec OK</i> (2) one task is conducted in a low-power or shutdown condition, <i>Rec OK</i> (3) 40% of the tasks require the applicant to implement an alternate path procedure, <i>Rec OK</i> (4) one in-plant task tests the applicant's response to an emergency or abnormal condition, and <i>Rec OK</i> (5) the in-plant walk-through requires the applicant to enter the RCA. <i>Rec OK</i>	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	c. Verify that the required <u>administrative</u> topics are covered, with emphasis on performance-based-activities.	N/A	N/A	N/A
	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	N/A	N/A
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.	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	d. Check for duplication and overlap among exam sections.	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	e. Check the entire exam for balance of coverage.	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	<i>Rec OK</i>	<i>Rec OK</i>	<i>B</i>
a. Author	<u>Richard E. Chin / Richard E. Chin</u>		Date	<u>11/19/02</u>
b. Facility Reviewer (*)	<u>David T. Walsh / [Signature]</u>			<u>11/19/02</u>
c. NRC Chief Examiner (#)	<u>Alfred J. Blaney / Alan Blaney</u>			<u>12/9/02</u>
d. NRC Supervisor	<u>Richard J. Conter / [Signature]</u>			<u>12/9/02</u>
Note:	* Not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.			

Facility: <u>Susquehanna</u>		Date of Examination: <u>12/11/02</u> Operating Test Number:																	
1. GENERAL CRITERIA		Initials																	
		a	b*	#															
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).	REC	NTW	B															
b.	There is no day-to-day repetition between this and other operating tests to be administered during this examination.	REC	NTW	B															
c.	The operating test shall not duplicate items from the applicants' audit test(s)(see Section D.1.a).	REC	NTW	B															
d.	Overlap with the written examination and between operating test categories is within acceptable limits.	REC	NTW	B															
e.	It appears that the operating test will differentiate between competent and less-than-competent applicants at the designated license level.	REC	NTW	B															
2. WALK-THROUGH (CATEGORY A & B) CRITERIA		-	-	-															
a.	Each JPM includes the following, as applicable: <ul style="list-style-type: none"> <li>· initial conditions REC ✓</li> <li>· initiating cues REC ✓</li> <li>· references and tools, including associated procedures REC ✓</li> <li>· reasonable and validated time limits (average time allowed for completion) and specific designation if deemed to be time critical by the facility licensee REC ✓</li> <li>· specific performance criteria that include: <ul style="list-style-type: none"> <li>- detailed expected actions with exact criteria and nomenclature REC ✓</li> <li>- system response and other examiner cues REC ✓</li> <li>- statements describing important observations to be made by the applicant REC ✓</li> <li>- criteria for successful completion of the task REC ✓</li> <li>- identification of critical steps and their associated performance standards REC ✓</li> <li>- restrictions on the sequence of steps, if applicable REC ✓</li> </ul> </li> </ul>	REC	NTW	B															
b.	The prescribed questions in Category A are predominantly open reference and meet the 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.	REC	NTW	B															
d.	At least 20 percent of the JPMs on each test are new or significantly modified.	REC	NTW	B															
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	N/A	N/A															
<table style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 10%;"></td> <td style="width: 70%; text-align: center;">Printed Name / Signature</td> <td style="width: 20%; text-align: center;">Date</td> </tr> <tr> <td>a. Author</td> <td><u>RICHARD E. CHIN / Richard E. Chin</u></td> <td><u>11/9/02</u></td> </tr> <tr> <td>b. Facility Reviewer(*)</td> <td><u>DAVID T. WALSH / [Signature]</u></td> <td><u>11-19-02</u></td> </tr> <tr> <td>c. NRC Chief Examiner (#)</td> <td><u>Alan Blamey / [Signature]</u></td> <td><u>12/9/02</u></td> </tr> <tr> <td>d. NRC Supervisor</td> <td><u>Richard J. Conter / [Signature]</u></td> <td><u>12/9/02</u></td> </tr> </table>			Printed Name / Signature	Date	a. Author	<u>RICHARD E. CHIN / Richard E. Chin</u>	<u>11/9/02</u>	b. Facility Reviewer(*)	<u>DAVID T. WALSH / [Signature]</u>	<u>11-19-02</u>	c. NRC Chief Examiner (#)	<u>Alan Blamey / [Signature]</u>	<u>12/9/02</u>	d. NRC Supervisor	<u>Richard J. Conter / [Signature]</u>	<u>12/9/02</u>			
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d. NRC Supervisor	<u>Richard J. Conter / [Signature]</u>	<u>12/9/02</u>																	
NOTE: * The facility signature is not applicable for NRC-developed tests. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.																			



1. Pre-Examination

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of DEC 8, 2002 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 Dec 8, 2002. 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. RICHARD E. CHIN	EXAM AUTHOR	<i>Richard E. Chin</i>	11/05/02	<i>Richard E. Chin</i>	12/12/02
2. DAVID T. WALSH	SHIFT MANAGER	<i>[Signature]</i>	11/7/02		
3. RICHARD J. BROOKS	SIMULATOR INSTRUCTOR	<i>[Signature]</i>	11/14/02	<i>[Signature]</i>	12/12/02
4. ANASTASIOS T. LIADIS	UNIT SUPERVISOR	<i>[Signature]</i>	11/14/02		
5. VICKY H. HORVAT	CLERICAL ASSISTANT	<i>[Signature]</i>	11/18/02	<i>Judy A. Horvat</i>	12/12/02
6. AFRY M. HELSEL	SUPERVISOR - OPS INSTRUCTION	<i>[Signature]</i>	11/19/02	<i>[Signature]</i>	12/12/02
7. RONALD M. JOY	UNIT SUPERVISOR	<i>[Signature]</i>	11/20/02	<i>[Signature]</i>	12/12/02
8. CLAREN DODGE	SEM SUPPORT	<i>[Signature]</i>	12/1/02	<i>[Signature]</i>	12/12/02
9. TAMMY S. RICKER	DATA ANALYST	<i>[Signature]</i>	12/11/02	<i>[Signature]</i>	12/12/02
10. VICKY H. HORVAT					
11.					
12.					
13.					
14.					
15.					

NOTES:

DEC-17-2002 TUE 08:15 AM

FAX NO.

P. 03

# FAX Cover Letter

**PPL Susquehanna, LLC**

Susquehanna Learning Center  
769 Salem Blvd.  
Berwick, PA 18603



**FAXES ARE RECEIVED AT THIS OFFICE ON (570) 542-3855.**

Date: 12/17/02

Time: 0815

To: Cheryl Buracker

FAX No.:

Company: USNRC Region I

From: Rich Brooks

TOTAL NUMBER OF PAGES INCLUDING THIS ONE IS .3

**COMMENTS:**

EXAM Security Agreements for ALAN Blamey  
(As per our discussion)

Should this message be interrupted or other difficulty be encountered, please call:  
(570) 542-3353. Thank You.