

Facility: <u>Salem</u>		Date of Examination: <u>5/13/03</u>
Examinations Developed by: <u>Facility</u> / NRC (circle one)		
Target Date*	Task Description / Reference	Chief Examiner's Initials
-180	1. Examination administration date confirmed (C.1.a; C.2.a & b)	TF
-120	2. NRC examiners and facility contact assigned (C.1.d; C.2.e)	TF
-120	3. Facility contact briefed on security & other requirements (C.2.c)	TF
-120	4. Corporate notification letter sent (C.2.d)	TF
[-90]	[5. Reference material due (C.1.e; C.3.c)]	—
-75	6. Integrated examination outline(s) due (C.1.e & f; C.3.d)	TF
-70	7. Examination outline(s) reviewed by NRC and feedback provided to facility licensee (C.2.h; C.3.e)	TF
-45	8. Proposed examinations, supporting documentation, and reference materials due (C.1.e, f, g & h; C.3.d)	TF
-30	9. Preliminary license applications <sup>TF</sup> due (C.1.i; C.2.g; ES-202)	TF
-14	10. Final license applications <sup>TF</sup> due and assignment sheet prepared (C.1.i; C.2.g; ES-202)	TF
-14	11. Examination approved by NRC supervisor for facility licensee review (C.2.h; C.3.f)	TF
-14	12. Examinations <sup>TF</sup> reviewed with facility licensee (C.1.j; C.2.f & h; C.3.g)	TF
-7	13. Written examinations <sup>TF</sup> and operating tests <sup>NA</sup> approved by NRC supervisor (C.2.i; C.3.h)	TF
-7	14. Final applications <sup>TF</sup> reviewed; assignment sheet updated; waiver letters sent <sup>NA</sup> (C.2.g, ES-204)	TF
-7	15. Proctoring/written exam administration guidelines reviewed with facility licensee and authorization granted to give written exams (if applicable) (C.3.k)	TF
-7	16. <del>Approved scenarios, job performance measures, and questions distributed to NRC examiners (C.3.i)</del> <sup>NA</sup>	—
<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:		Date of Examination:		
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.	A	RK	TF
	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.	A	RK	TF
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	A	RK	TF
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	A	RK	TF
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.	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; 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.	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	
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.	NA	NA	
	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.	NA	NA	NA
	c. Verify that the required administrative topics are covered, with emphasis on performance-based activities.	NA	NA	
	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.	NA	NA	
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.	A	RK	TF
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	A	RK	TF
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	A	RK	TF
	d. Check for duplication and overlap among exam sections.	NA	NA	NA
	e. Check the entire exam for balance of coverage.	NA	NA	NA
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	A	RK	TF
a. Author <u>Gerald S Gaudin</u> Printed Name <u>Gerald S. Gaudin</u> Signature <u>[Signature]</u> Date <u>1-10-03</u> b. Facility Reviewer (*) <u>FRANCIS J. KAMINSKI</u> Signature <u>[Signature]</u> Date <u>1-10-03</u> c. NRC Chief Examiner (#) <u>TODD FISH</u> Signature <u>[Signature]</u> Date <u>1/22/03</u> d. NRC Supervisor <u>RJ Conkle</u> Signature <u>[Signature]</u> Date <u>1/29/03</u>				
Note: * Not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.				

# Jeff Scanish Exam - Salem

**1. Pre-Examination**

I acknowledge that I have acquired specialized knowledge about the NRC licensing examinations scheduled for the week(s) of 5/21/03 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 5/13/03. 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.

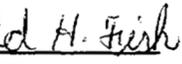
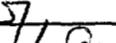
PRINTED NAME	JOB TITLE / RESPONSIBILITY	SIGNATURE (1)	DATE	SIGNATURE (2)	DATE/NOTE
1. <u>Gerald S. Gauding</u>	<u>Nuclear Training Instructor</u>	<u>Gerald S. Gauding</u>	<u>12/31/02</u>	<u>Gerald S. Gauding</u>	<u>5/15/03</u>
2. <u>ARCHIE E FAULKNER</u>	<u>EXAM PREP SUPV</u>	<u>Archie E. Faulkner</u>	<u>12/31/02</u>	<u>Archie E. Faulkner</u>	<u>5/15/03</u>
3. <u>DAVID M. REIN</u>	<u>NUCLEAR TRAINING INSTRUCTOR</u>	<u>David M. Rein</u>	<u>12/31/02</u>	<u>David M. Rein</u>	<u>5/15/03</u>
4. <u>FRANCIS J. KAMIENSKI</u>	<u>NRC - TRNS. INSTR.</u>	<u>Francis J. Kamienski</u>	<u>1-7-03</u>	<u>Francis J. Kamienski</u>	<u>5-15-03</u>
5. <u>Robert Johnston</u>	<u>Nuclear Training Instructor</u>	<u>Robert Johnston</u>	<u>1-9-03</u>	<u>Robert Johnston</u>	<u>5/15/03</u>
6. <u>Donald W. LeGrand</u>	<u>Instructor</u>	<u>Donald W. LeGrand</u>	<u>3-24-03</u>	<u>Donald W. LeGrand</u>	<u>5/15/03</u>
7. <u>Ed Gallagher</u>	<u>SRO Review</u>	<u>Ed Gallagher</u>	<u>3-25-03</u>	<u>Ed Gallagher</u>	<u>per telephone 5/16/03</u>
8. <u>John Olive</u>	<u>Instructor</u>	<u>John Olive</u>	<u>4-1-03</u>	<u>John Olive</u>	<u>per telephone 5/16/03</u>
9. <u>Robert Blose</u>	<u>SRO Review</u>	<u>Robert Blose</u>	<u>4/7/03</u>	<u>Robert Blose</u>	<u>per telephone 5/16/03</u>
10. <u>J. OAN Osborne</u>	<u>SRO Review</u>	<u>J. OAN Osborne</u>	<u>4/8/03</u>	<u>J. OAN Osborne</u>	<u>per telephone 5/16/03</u>
11. <u>M.D. Gwintz</u>	<u>Licensee training supervisor/review</u>	<u>M.D. Gwintz</u>	<u>5-2-03</u>	<u>M.D. Gwintz</u>	<u>per telephone 5/16/03</u>
12. _____	_____	_____	_____	_____	_____
13. _____	_____	_____	_____	_____	_____
14. _____	_____	_____	_____	_____	_____
15. _____	_____	_____	_____	_____	_____

NOTES:

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Facility:		Date of Exam:			Exam Level: RO/SRO			
Item Description					Initial			
					a	b*	c*	
1.	Questions and answers technically accurate and applicable to facility				Y	AEZ	TF	
2.	a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available				Y	AEZ	TF	
3.	RO/SRO overlap <sup>NA</sup> is no more than 75 percent, and SRO questions are appropriate per Section D.2.d of ES-401				Y	AEZ	TF	
4.	Question selection and duplication from the last two NRC licensing exams appears consistent with a systematic sampling process						TF	
5.	Question duplication from the license screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: <input type="checkbox"/> the audit exam was systematically and randomly developed; or <input type="checkbox"/> the audit exam was completed before the license exam was started; or <input checked="" type="checkbox"/> the examinations were developed independently; or <input type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)				Y	AEZ	TF	
6.	Bank use meets limits (no more than 75 percent from the bank at least 10 percent new, and the rest modified); enter the actual question distribution at right	Bank	Modified	New	Y	AEZ	TF	
		46	10	44				
7.	Between 50 and 60 percent of the questions on the exam (including 10 new questions) are written at the comprehension/analysis level; enter the actual question distribution at right	Memory	CIA		Y	AEZ	TF	
		44	56					
8.	References/handouts provided do not give away answers				Y	AEZ	TF	
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				Y	AEZ	TF	
10.	Question psychometric quality and format meet ES, Appendix B, guidelines				Y	AEZ	TF	
11.	The exam contains 100, one-point, multiple choice items; the total is correct and agrees with value on cover sheet				Y	AEZ	TF	
		Printed Name / Signature					Date	
a.	Author	Gerald S. Gauding					5/5/03	
b.	Facility Reviewer (*)	Archie E Faulkner					5/5/03	
c.	NRC Chief Examiner (#)	Todd Fish					5/8/03	
d.	NRC Regional Supervisor	Richard J. Conte					5/8/03	
Note: * The facility reviewer's initials/signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initial items in Column "c;" chief examiner concurrence required.								

Facility: <u>Salem 1 &amp; 2</u>		Date of Exam: <u>5/13/03</u>		Exam Level: RO/SRO	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>Y</u>	<u>QET</u>	<u>TF</u>		
2. Answer key changes and question deletions justified and documented	<u>NONE</u>	<u>QET</u>	<u>NA</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>Y</u>	<u>QET</u>	<u>TF</u>		
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	<u>N/A</u>	<u>QET</u>	<u>NA</u>		
5. All other failing examinations checked to ensure that grades are justified	<u>N/A</u>	<u>QET</u>	<u>NA</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>Y</u>	<u>QET</u>	<u>TF</u>		
Printed Name / Signature		Date			
a. Grader	<u>GERALD S. GAUDING</u> 	<u>5/13/03</u>			
b. Facility Reviewer(*)	<u>ARCHIE E. FAULKNER</u> 	<u>5/13/03</u>			
c. NRC Chief Examiner (*)	<u>TODD FISH</u> / <u>Todd H. Fish</u> 	<u>5/14/03</u>			
	<u>Alan Blum</u> / <u>WLT</u> 	<u>5/14/03</u>			
d. NRC Supervisor (*)	<u>Richard S. Carter</u> / <u>Richard S. Carter</u> 	<u>5/16/03</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					