

## *LaSalle* County Station Examination Miscellaneous Post Examination Forms

NRC Initial Exam Record Retention Checklist

ES-201-1 Examination Preparation Checklist  
ES-501-1 Power Plant Examination Results Summary  
ES-303-1 Individual Examination Reports for eight applicants  
ES-403-1 Written Examination Grading Quality Checklist (RO/SRO examinations)  
Written Examination cover and answer sheets for eight applicants  
Supplement 1 Pilot Information

Facility: <u>LaSalle County Station</u>		Date of Examination: <u>11/13/00</u>
Examinations Developed by: <input checked="" type="checkbox"/> Facility / 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)	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)	drm
-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)	drm
-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)	drm
-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>LaSalle Station</u> Date of Exam: <u>11/20/00</u> Exam Level: <u>RO</u> <u>SRO</u>			
Item Description	Initials		
	a	b	c
1. Clean answer sheets copied before grading	<u>KPS</u>	<u>JJ</u>	<u>Jm</u>
2. Answer key changes and question deletions justified and documented	<u>KPS</u> <u>Attached</u>	<u>JJ</u> <u>Attached</u>	<u>Jm</u>
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>KPS</u>	<u>JJ</u>	<u>Jm</u>
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	<u>KPS</u> <u>N/A</u>	<u>JJ</u> <u>N/A</u>	<u>N/A</u>
5. All other failing examinations checked to ensure that grades are justified	<u>KPS</u> <u>N/A</u>	<u>JJ</u> <u>N/A</u>	<u>N/A</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>KPS</u>	<u>JJ</u>	<u>Jm</u>
Printed Name / Signature		Date	
a. Grader	<u>Kevin P. Smart</u> / <u>[Signature]</u>	<u>11-30-00</u>	
b. Facility Reviewer(*)	<u>James W. Bauer</u> / <u>[Signature]</u>	<u>11-30-00</u>	
c. NRC Chief Examiner (*)	<u>Dell R. McNeil</u> / <u>[Signature]</u>	<u>12/11/00</u>	
d. NRC Supervisor (*)	<u>Hironori Peterson</u> / <u>[Signature]</u>	<u>12/12/00</u>	
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.			

Facility: <u>LaSalle Station</u>		Date of Exam: <u>11/20/00</u>		Exam Level: RO/SRO	
Item Description	Initials				
	a	b	c		
1. Clean answer sheets copied before grading	<u>JS</u>	<u>JS</u>	<u>JS</u>		
2. Answer key changes and question deletions justified and documented	<u>JS</u> <del>JS</del>	<u>JS</u> <del>JS</del>	<u>JS</u>		
3. Applicants' scores checked for addition errors (reviewers spot check > 25% of examinations)	<u>JS</u>	<u>JS</u>	<u>JS</u>		
4. Grading for all borderline cases (80% +/- 2%) reviewed in detail	<u>JS</u> N/A	<u>JS</u> N/A	N/A		
5. All other failing examinations checked to ensure that grades are justified	<u>JS</u> N/A	<u>JS</u> N/A	N/A		
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>JS</u>	<u>JS</u>	<u>JS</u>		
Printed Name / Signature		Date			
a. Grader	<u>Kevin P. Smart</u> / <u>[Signature]</u>	<u>11-30-00</u>			
b. Facility Reviewer(*)	<u>JAMES W BAUER</u> / <u>[Signature]</u>	<u>11-30-00</u>			
c. NRC Chief Examiner (*)	<u>Scott R. McNeil</u> / <u>[Signature]</u>	<u>12/11/00</u>			
d. NRC Supervisor (*)	<u>Hironori Peterson</u> / <u>[Signature]</u>	<u>12/12/00</u>			
(*) The facility reviewer's signature is not applicable for examinations graded by the NRC; two independent NRC reviews are required.					



**From:** Kevin Smart, ComEd LaSalle Station  
**To:** Dell McNeil, NRC Region III  
**Date:** 9/15/00  
**Subject:** Supplement 1 of NUREG 1021 Revision 8 - Pilot Information for LaSalle Station Initial Operator Licensing Class 99-01 Examination

Listed below are the queries submitted for conduct of 'lessons learned' determination relative to NUREG 1021 Supplement 1 of Revision 8. Below each query is the LaSalle response (bulleted and italicized) for the Initial Operator Licensing Class 99-01 Examination.

- (1) listing of examinations developed and/or administered using the revised supplement 1 guidelines
  - ◆ *LaSalle Station Initial Operator Licensing Class 99-01*
- (2) description of the methodology used to develop the written examination outline including region confirmation/determination that the methodology was systematic and random for selection of each specific K/A statement (e.g., K1.03 or A2.11 and not simply K1 or A2). (ES-401 D.1.b)
  - ◆ *LaSalle used the BWROG K/A Catalog Program to generate the written examination outline (sample plan).*
  - ◆ *For those changes described under query (5), the 'random' component of the selection process was performed by drawing numbers from a hat (paper cup).*
- (3) description of what method the licensee used to prepare the audit exam to control the amount of overlap with the licensing exam.
  - ◆ *The LaSalle Station Initial Operator Licensing Class 99-01 audit exam was completed before the license exam was started.*
  - ◆ *Also, the examination was developed and reviewed to ensure no scenarios or walk-through tasks were duplicated from the audit exam.*
- (4) summary of how many questions were taken directly from the bank, how many were modified, and how many were new according to final Form ES-401-7

◆ *From form ES-401-7 for RO exam:*

5.	Bank use meets limits (no more than 50 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution at right	Bank	Modified	New
		<b>21</b>	<b>11</b>	<b>68</b>

◆ *From form ES-401-7 for SRO exam:*

5.	Bank use meets limits (no more than 50 percent from the bank, at least 10 percent new, and the rest modified); enter the actual question distribution at right	Bank	Modified	New
		<b>20</b>	<b>11</b>	<b>69</b>

- (5) summary of how many randomly selected K/As were excluded from the outline by the facility and the basis for replacing those K/As.

◆ RO Exam outline changes:

System Number	K / A	Exam	Comment
202002	A2.07	BOTH	Randomly selected from 202002 A2.##'s available to replace 202002 A2.01 which was not applicable to LaSalle.
215003	2.2.22	RO	Randomly selected RO Tier 2 K/A (215003 A4.01) and replaced with randomly selected Generic K/A (215003 2.2.22) to meet the (ES-401-2) 2 K/As per Tier requirement.
295001	AA2.06	BOTH	KA changed from RO to BOTH to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 1 & 2
295003	AA2.03	BOTH	KA changed from RO to BOTH to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 1 & 2
295017	AK2.08	BOTH	Randomly selected from 295017 AK2.##'s available to replace 295017 AK2.13 which was not applicable to LaSalle.
295038	EA2.04	BOTH	KA changed from RO to BOTH to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 1 & 2
GENERIC	2.2.26	RO	Randomly selected K/A changed from BOTH to RO to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3.
GENERIC	2.3.2	RO	Randomly selected K/A changed from BOTH to RO to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3.
GENERIC	2.4.17	RO	Randomly selected K/A changed from BOTH to RO to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3.

◆ SRO Exam outline changes:

System Number	K / A	Exam	Comment
202002	A2.07	BOTH	Randomly selected from 202002 A2.##'s available to replace 202002 A2.01 which was not applicable to LaSalle.
295001	AA2.06	BOTH	KA changed from RO to BOTH to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 1 & 2
295003	AA2.03	BOTH	KA changed from RO to BOTH to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 1 & 2
295038	EA2.04	BOTH	KA changed from RO to BOTH to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 1 & 2
295017	AK2.08	BOTH	Randomly selected from 295017 AK2.##'s available to replace 295017 AK2.13 which was not applicable to LaSalle.
GENERIC	2.2.26	BOTH	Randomly selected K/A changed from BOTH to RO to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3.
GENERIC	2.3.2	BOTH	Randomly selected K/A changed from BOTH to RO to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3.
GENERIC	2.4.17	BOTH	Randomly selected K/A changed from BOTH to RO to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3.
GENERIC	2.2.7	SRO	Randomly selected KA added to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3
GENERIC	2.3.6	SRO	Randomly selected KA added to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3
GENERIC	2.4.11	SRO	Randomly selected KA added to meet NUREG 1021 Rev 8 Draft 2000 criteria for Tier 3

(6) number of RO questions used on the SRO exam in light of the new instructions for overlap.

- ◆ *The LaSalle Station Initial Operator Licensing Class 99-01 Examination, written portion, consists of 125 questions. Of those, 75 are used on both the RO and SRO written exams, 25 are used on the RO exam only, and 25 are used on the SRO exam only.*

(7) results of the Region's K/A sampling review according to ES-401 E.2.c ("The regional staff shall also confirm that the question content for a selected sample of the questions accurately implements the intent of the associated K/A statement from the previously approved examination outline. The sample shall include at least 30 questions ... If more than 20 percent of the sampled questions clearly do not match the intent of the associated K/A statement, the region shall verify conformance on the remainder of the examination ...")

- no. of questions sampled
  - no. of questions inconsistent w/the approved examination outline K/A statement
  - resolution for any K/A content problematic questions - replaced, modified, no change (if no change, explain)
  - reason(s) questions' K/A statement inaccurate if known
  - no. of questions repeated from the applicants' audit examination and last 2 NRC if assessed as required by ES-401 E.2.c
- ◆ *This query not applicable for LaSalle response.*

(6) number of RO questions used on the SRO exam in light of the new instructions for overlap.

- ◆ *The LaSalle Station Initial Operator Licensing Class 99-01 Examination, written portion, consists of 125 questions. Of those, 75 are used on both the RO and SRO written exams, 25 are used on the RO exam only, and 25 are used on the SRO exam only.*

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- no. of questions sampled

125

- no. of questions inconsistent w/the approved examination outline K/A statement

0

- resolution for any K/A content problematic questions - replaced, modified, no change (if no change, explain)

no resolution required.

- reason(s) questions' K/A statement inaccurate if known

not applicable

- No. of questions repeated from the applicants' audit examination and last 2 NRC if assessed as required by ES-401 E.2.c

no repeats.