

**2012 LASALLE COUNTY STATION**

**INITIAL LICENSE EXAMINATION**

**OUTLINE SUBMITTAL**



**LaSalle Station**

2601 North 21st Road  
Marseilles, IL 61341

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RA12-040

10 CFR 55.40

July 30, 2012

United States Nuclear Regulatory Commission  
Attention: NRC Region III Administrator  
2443 Warrenville Rd.  
Suite 210  
Lisle, IL 60532-4352

LaSalle County Station, Units 1 and 2  
Facility Operating License Nos. NPF-11 and NPF-18  
NRC Docket Nos. 50-373/50-374

Subject: Submittal of Initial Operator Licensing Examination Outline

Enclosed are the examination outlines supporting the Initial License Examination scheduled for October 22 through November 2, 2012, at LaSalle County Station.

This submittal includes all appropriate Examination Standard forms and outlines in accordance with NUREG –1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1.

In accordance with NUREG –1021, Revision 9, Supplement 1, Section ES-201, "Initial Operator Licensing Examination Process," please ensure that these materials are withheld from public disclosure until after the examinations are complete.

Should you have any questions concerning this letter, please contact Mr. Terrence Simpkin, Regulatory Assurance Manager, at (815) 415-2800. For questions concerning examination outlines, please contact Mr. Douglas Wright at (815) 415-4020.

Respectfully,

A handwritten signature in black ink, appearing to read "D. P. Rhoades", written over a horizontal line.

David P. Rhoades  
Site Vice President  
LaSalle County Station

JUL 30 2012

Enclosures: (Hand delivered to Dell R. McNeil, Chief Examiner,  
NRC Region III)

Examination Security Agreements (Form ES-201-3)  
Administrative Topics Outline(s) (Form ES-301-1)  
Control Room/In-Plant Systems Outline (Form ES-301-2)  
BWR Examination Outline (Forms ES-401-1)  
Generic Knowledge and Abilities Outline (Tier 3) (Form ES-401-3)  
Statement Detailing Method of Written Exam Outline Generation  
Scenario Outlines (Form ES-D-1)  
Record of Rejected K/As (Form ES-401-4)  
Completed Checklists:  
    Examination Outline Quality Checklist (Form ES-201-2)  
    Transient and Event Checklist (Form ES-301-5)

cc: (w/o enclosures)  
Chief, NRC Operator Licensing Branch  
Senior Resident Inspector - LaSalle County Station

bcc: (without enclosures)  
LaSalle County Station Project Manager, NRR  
Site Vice President – LaSalle County Station  
Regulatory Assurance Manager – LaSalle County Station  
Director, Licensing – Midwest Regional Operating Group  
Manager, Licensing – LaSalle County Station  
Nuclear Licensing Administrator – LaSalle County Station  
Exelon Document Control Desk Licensing (Hard Copy)  
Exelon Document Control Desk Licensing (Electronic Copy)  
Human Resources – LaSalle County Station  
Training Manager – LaSalle County Station

Facility: LaSalle		Date of Examination: 10/22/12		
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, in accordance with ES-401.	AW	RL	DM
	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.	AW	RL	DM
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	AW	RL	DM
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	AW	RL	DM
2. 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.	AW	RL	DM
	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.	AW	RL	DM
	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.	AW	RL	DM
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	AW	RL	DM
	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	AW	RL	DM
	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.	AW	RL	DM
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.	AW	RL	DM
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	AW	RL	DM
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	AW	RL	DM
	d. Check for duplication and overlap among exam sections.	AW	RL	DM
	e. Check the entire exam for balance of coverage.	AW	RL	DM
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	AW	RL	DM
a. Author <u>Matt Woodbridge</u> Printed Name / Signature <u>Matt Woodbridge</u> Date <u>7/24/12</u> b. Facility Reviewer (*) <u>Richard A. Calum</u> <u>Richard A. Calum</u> <u>7/24/12</u> c. NRC Chief Examiner (#) <u>Don R. McNeil</u> <u>Don R. McNeil</u> <u>7/31/2012</u> d. NRC Supervisor <u>Hironori Peterson</u> <u>Hironori Peterson</u> <u>8/2/12</u>				
NOTE: # Independent NRC Reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines.				