

2014 PALISADES NUCLEAR PLANT

INITIAL LICENSE EXAMINATION

OUTLINE SUBMITTAL



Entergy Nuclear Operations, Inc.
Palisades Nuclear Plant
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Terry A. Davis
Regulatory Assurance Manager

PNP 2014-048

April 30, 2014

NUREG-1021

Mr. David Reeser
U.S. Nuclear Regulatory Commission
Region III
2443 Warrenville Road
Suite 210
Lisle, IL 60532-4352

Subject: Initial License Examination Outline

Palisades Nuclear Plant
Docket 50-255
License No. DPR-20

Dear Sir:

Entergy Nuclear Operations, Inc. is submitting the initial license examination outline, for the Palisades Nuclear Plant, in accordance with NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Supplement 1. The initial license examination is scheduled for September 8 through September 19, 2014. The following materials are enclosed:

- One Form ES-201-2, Examination Outline Quality Checklist
- One Form ES-201-3, Examination Security Agreement
- One Form ES-301-1, Administrative Topics Outline (SRO)
- One Senior Reactor Operator Administrative Topics Outline Task Summary
- One Form ES-301-1, Administrative Topics Outline (RO)
- One Reactor Operator Administrative Topics Outline Task Summary
- One Form ES-301-2, Control Room/In-Plant Systems Outline (SRO-I)
- One Form ES-301-2, Control Room/In-Plant Systems Outline (SRO-U)
- One Form ES-301-2, Control Room/In-Plant Systems Outline (RO)

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- One Control Room/In-Plant Systems Outline Task Summary
- Four Forms ES-D-1, Scenario Outline, one for each projected scenario
- Three Forms ES-301-5, Transient and Event Checklist
- One Form ES-401-2, PWR Examination Outline (RO/SRO)
- One Form ES-401-3, Generic Knowledge and Abilities Outline (RO/SRO)
- One Form ES-401-4, Record of Rejected K/As (RO/SRO exams)
- K/A Selection Methodology and Suppression Report
- Proposed Operating Test Schedule
- One CD with electronic copies of all documents listed

Pursuant to NUREG-1021, these materials shall be withheld from public disclosure until after the examinations are complete.

Please contact Steve Botimer at (269) 764-2975 if you have any questions regarding this submittal.

This letter contains no new commitments and no revisions to existing commitments.



TAD/bed

Attachment: Palisades Nuclear Plant Initial Licensed Operator Examination Outline

CC Administrator, Region III, USNRC (w/o attachment)
Project Manager, Palisades, USNRC (w/o attachment)
Resident Inspector, Palisades, USNRC (w/o attachment)
Document Control Desk, USNRC (w/o attachment)

Facility: <u>Palisades</u>		Date of Examination: <u>Sept 2014</u>		
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.	sb	BAS	JZ
	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.	sb	BAS	JZ
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	sb	BAS	JZ
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	sb	BAS	JZ
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.	sb	BAS	JZ
	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.	sb	BAS	JZ
	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.	sb	BAS	JZ
3. W I 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	sb	BAS	JZ
	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	sb	BAS	JZ
	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.	sb	BAS	JZ
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.	sb	BAS	JZ
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	sb	BAS	JZ
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	sb	BAS	JZ
	d. Check for duplication and overlap among exam sections.	sb	BAS	JZ
	e. Check the entire exam for balance of coverage.	sb	BAS	JZ
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	sb	BAS	JZ
a. Author	<u>Stephen R. Bohmer</u> / <u>[Signature]</u>	Date: <u>04/28/2014</u>		
b. Facility Reviewer (*)	<u>Bret Baker</u> / <u>[Signature]</u>	<u>04/29/14</u>		
c. NRC Chief Examiner (#)	<u>David W. Beeser</u> / <u>[Signature]</u>	<u>5/9/14</u>		
d. NRC Supervisor	<u>Hironori Peterson</u> / <u>[Signature]</u>	<u>5/12/14</u>		
NOTE: # Independent NRC Reviewer initial items in Column "c"; chief examiner concurrence required * Not applicable for NRC-prepared examinations				

NOTE: See outline review comments/questions and associated responses