

NRC COMMENTS TO THE EXAMINATION OUTLINE SUBMITTAL

AND EXAMINATION OUTLINE QUALITY CHECKLIST, ES-201-2

FOR THE CLINTON INITIAL EXAMINATION - JULY 2005

April 18, 2005

To: C. Phillips

From: B. Palagi

Bruce Palagi

Subject: Review of Examination outline for the July 2005 Clinton Examination.

I reviewed the subject examination outline and found it to be acceptable with the following two exceptions. The following two comments were discussed with Gary Setser the examination author on April 18, 2005 by phone. The preliminary resolutions are as indicated below.

1) SRO Administrative JPM, Determine Actions Required For a Security Threat

Comment: This JPM has been classified as a "Conduct of Operation" JPM, the title of the JPM would suggest that it would be better classified as an "Emergency Plan" JPM.

Resolution: The site has re-review this JPM and believe it is correctly classified as a "Conduct of Operation" JPM per ES-301 B. 1. "Security (awareness and familiarity)". When the actual examination is received the NRC will confirm this JPM has been correctly classified. *

2) Scenario 3, Event 1, SLC Pump 'A' Packing Problem

Comment: This Event is a given in the scenario shift turnover. Therefore the evaluation of the Tech Spec call by the SRO will not be observable by the examiners in a normal control room setting. This event will need to be changed so the SRO does not have knowledge of the equipment problem prior to assuming command of the shift.

Resolution: The scenario will be modified to address this problem.

* The examiners reviewed the JPM during the week of onsite validation and determined the JPM could be classified as a "Conduct of Operation" JPM. cp 8/30/2005

Facility: Clinton		Date of Examination: 7/11/05		
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.	Ⓟ	R	BP
	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.	Ⓟ	R	BP
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	Ⓟ	R	BP
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	Ⓟ	R	BP
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.	Ⓟ	R	BP
	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.	Ⓟ	R	BP
	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.	Ⓟ	R	BP
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	Ⓟ	R	BP
	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	Ⓟ	R	BP
	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.	Ⓟ	R	BP
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.	Ⓟ	R	BP
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	Ⓟ	R	BP
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	Ⓟ	R	BP
	d. Check for duplication and overlap among exam sections.	Ⓟ	R	BP
	e. Check the entire exam for balance of coverage.	Ⓟ	R	BP
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	Ⓟ	R	BP

a. Author	Gary D. Setser	Printed Name / Signature	Date
b. Facility Reviewer (*)	Pat Ryan	<i>[Signature]</i>	4/7/05
c. NRC Chief Examiner (#)	B. Palagi, For C. Phillips	<i>[Signature]</i>	4/7/05
d. NRC Supervisor	Hironori Peterson	<i>[Signature]</i>	4/15/05
			4/18/05

NOTE: # Independent NRC Reviewer initial items in Column "c"; chiefexaminer concurrence required.