

2012 PRAIRIE ISLAND NUCLEAR GENERATING PLANT

INITIAL LICENSE EXAMINATION

OUTLINE SUBMITTAL

Facility: <u>PIGUP Units 1 and 2</u>		Date of Examination: <u>May 14 - 25, 2012</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.	MGB	ECB	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.	MGB	ECB	DM
	c. Assess whether the outline over-emphasizes any systems, evolutions, or generic topics.	MGB	ECB	DM
	d. Assess whether the justifications for deselected or rejected K/A statements are appropriate.	MGB	ECB	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.	MGB	ECB	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 that scenarios will not be repeated on subsequent days.	MGB	ECB	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.	MGB	ECB	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.	MGB	ECB	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	MGB	ECB	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.	MGB	ECB	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 sections.	MGB	ECB	DM
	b. Assess whether the 10 CFR 55.41/43 and 55.45 sampling is appropriate.	MGB	ECB	DM
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	MGB	ECB	DM
	d. Check for duplication and overlap among exam sections.	MGB	ECB	DM
	e. Check the entire exam for balance of coverage.	MGB	ECB	DM
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	MGB	ECB	DM
a. Author b. Facility Reviewer (*) c. NRC Chief Examiner (#) d. NRC Supervisor		Printed Name/Signature M. Bielby/R. Baker/D. Oliver / <i>Michael E. Bullock</i> <i>RANDAL D. BAKER / R. D. Oliver / David J. Oliver</i> <i>Don Marshall / Peter P. McNeil</i> <i>Raymond Keith Walton / Raymond Keith Walton (for H. Peterson)</i>		Date 9/13/11 9/13/11 9/13/11 9/13/2011
Note: # Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required. * Not applicable for NRC-prepared examination outlines				