Facility: BYRON STATION Date of Examination: 9/27/21 - 10/12/21

Item	Task Description	Initials a	b*	c**
1 WRITTEN	Written Exam Outline was prepared by the US NRC and is covered by another version of this document.			
2. SIMULATOR	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.	RR	C	GMR
	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.	RR	C	GMR
	c. To the extent possible, assess whether the outline(s) conforms with the qualitative and quantitative criteria specified on Form ES-301-4 and described in Appendix D and in Section D.5, "Specific Instructions for the 'Simulator Operating Test,'" of ES-301 (including overlap).	RR	C	GMR
3. WALKTHROUGH	a. Verify that the systems walkthrough outline meets the criteria specified on Form ES-301-2: (1) The outline(s) contains 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 applicant's 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 radiologically controlled area tasks meets the criteria on the form.	RR	C	GMR
	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.	RR	C	GMR
	c. Determine whether there are enough different outlines to test the projected number and mix of applicants and ensure that no items are duplicated on subsequent days.	RR	C	GMR
4. GENERAL	a. Assess whether plant-specific priorities (including probabilistic risk assessment and individual plant examination insights) are covered in the appropriate exam sections.	RR	C	GMR
	b. Assess whether the 10 CFR 55.41, 55.43, and 55.45 sampling is appropriate.	RR	C	GMR
	c. Ensure that K/A importance ratings (except for plant-specific priorities) are at least 2.5.	RR	C	GMR
	d. Check for duplication and overlap among exam sections and the last two NRC exams.	RR	C	GMR
	e. Check the entire exam for balance of coverage.	RR	C	GMR
	f. Assess whether the exam fits the appropriate job level (RO or SRO).	RR	C	GMR

		Printed Name/Signature	Date
a.	Author	BENJAMIN REYES	4/29/21
b.	Facility Reviewer (*)	RENE LEONHARDT	4.29.21
c.	NRC Chief Examiner (#)	Gregory Roach GMR Gregory M. Roach Digitally signed by Gregory M. Roach Date: 2021.08.11 07:53:02 -05'00'	
d.	NRC Supervisor	Patricia J. Pelke Digitally signed by Patricia J. Pelke Date: 2021.09.20 15:04:49 -05'00'	

* Not applicable for NRC-prepared examination outlines.
# The independent NRC reviewer initials items in column "c"; the chief examiner's concurrence is required.