Form 2.3-4 Written Examination Quality Checklist

Facility: DC Cook Unit 1+2 Date of Exam: 7/18/22 Exam Level: RO ☑ SRO ☑

Item Description	(Y)es / (N)o a	b*	c#
1. Questions and answers are technically accurate and applicable to the facility. Each question includes a technical reference.	Y	Y	Y
2. a. All questions reference NRC knowledge and abilities (K/As) requirements. b. Facility learning objectives are referenced as available. c. All questions include an explanation of the correct answer explanation and a distractor analysis.	Y	Y	Y
3. Senior reactor operator (SRO) questions test at the SRO license level.	Y	Y	Y
4. The sampling process was random and systematic. (If more than four reactor operator (RO) or two SRO questions were repeated from the last two NRC licensing exams, including full (100-question) retake examinations, consult the NRC Office of Nuclear Reactor Regulation operator licensing program office.)	Y	Y	Y
5. Question duplication from the licensee screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate: ✓ The audit exam was systematically and randomly developed. __ The audit exam was completed before the license exam was started. __ The examinations were developed independently. __ The licensee certifies that there is no duplication. __ Other (explain):	Y	Y	Y
6. Bank use meets limits (no more than 75% from the bank, at least 10% new (at the comprehension/analysis level), and the rest new or modified); enter the actual RO/SRO-only question distribution > — Bank: 39/5; Modified: 6/3; New: 30/17	Y	Y	Y
7. Between 38 and 45 questions of the questions on the RO exam and at least 13 of the questions on the SRO-only portion of the exam are written at the comprehension/analysis level; enter the actual RO/SRO-only question distribution > — Memory: 30 / 6; C/A: 45/19	Y	Y	Y
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	Y	Y	Y
9. Question content conforms to specific K/A statements in the previously approved examination outline and is appropriate for the K/A statements' assigned tier; deviations are justified.	Y	Y	Y
10. Question psychometric quality and format meet the instructions and guidelines in ES-4.2.	Y	Y	Y
11. The exam contains the required number of one-point, multiple-choice items; the total is correct and agrees with the value on the cover sheet.	Y	Y	Y

	Printed Name/Signature	Date
a. Author	Todd Valley	5/2/22
b. Facility Reviewer (*)	John Whitten / John Whitten	5-11-22
c. NRC Reviewer (#)	Gregory M. Roach, Jr. / Gregory M. Roach Jr.	6/28/22
NRC Chief Examiner	Gregory M. Roach, Jr. / Gregory M. Roach Jr.	6/28/22
NRC Regional Supervisor	Patricia J. Pelke — Digitally signed by Patricia J. Pelke Date: 2022.06.30 10:33:17 -05'00'	

* The facility licensee signature is not applicable for NRC-developed tests.

\# An independent NRC reviewer performs steps in column c. This may be the NRC Chief Examiner if he/she did not develop the written examination under review.