

Facility: Duane Arnold Energy Center		Date of Exam: April 16, 2019		Exam Level: RO <input checked="" type="checkbox"/> SRO <input checked="" type="checkbox"/>	
Item Description	Initial				
	a	b*	c*#		
1. Questions and answers are technically accurate and applicable to the facility.		Jam	CD3		
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available. c. Correct answer explanation and distractor analysis provided (ES-401, D.2.g)		Jam	CD3		
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401		Jam	CD3		
4. The sampling process was random and systematic. (If more than four RO or two SRO questions were repeated from the last two NRC licensing exams, consult the NRR/NRO OL program office).		Jam	CD3		
5. Question duplication from the licensee screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate. <input checked="" type="checkbox"/> The audit exam was systematically and randomly developed, or <input type="checkbox"/> the audit exam was completed before the license exam was started, or <input type="checkbox"/> the examinations were developed independently, or <input type="checkbox"/> the licensee certifies that there is no duplication, or <input type="checkbox"/> other (explain).		Jam	CD3		
6. Bank use meets limits (no more than 75% from the bank, at least 10% new, and the rest new or modified); enter the actual RO/SRO-only question distribution(s) at right.	Bank 313	Modified 010	New 71 12/22		
7. Between 38 and 45 questions of the questions on the RO exam and at least 13 questions of the questions on the SRO-only portion of the exam are written at the comprehension/analysis level (see ES-401, D.2.c); enter the actual RO/SRO-only question distribution(s) at right.	Memory 331	C/A 7	42 18		
8. References/handouts provided do not give away answers or aid in the elimination of distractors.		Jam	CD3		
9. Question content conforms to specific K/A statements in the previously approved examination outline and is appropriate for the tier to which they are assigned; deviations are justified.		Jam	CD3		
10. Question psychometric quality and format meet the guidelines in Appendix B.		Jam	CD3		
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.		Jam	CD3		
Printed Name/Signature		Date			
a. Author	Eric Murray	1/25/2019			
b. Facility Reviewer (*)	Jeffrey A. Miell	1-25-19			
c. NRC Chief Examiner (#)	Charles Eoia / Charles Eoia	2/22/2019			
d. NRC Regional Supervisor	Randal Dean Baker / Randal Dean Baker	2/22/2019			
Note: * The facility reviewer's initials or signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initials items in Column "c"; chief examiner concurrence is required.					