

Final ES-301-1, ES-301-2, and ES-401N-9 are located in Non-Public ADAMS due to being Proprietary information.

Tier/Group	Randomly Selected KA	Reason for Rejection
T3 Q94	Original G2.3.9 New G2.3.3	Resampled due to being sampled in the RO and SRO T3 questions. Randomly selected G2.3.3 to replace G2.3.9. 3/22/2016
T3 Q70	Original G2.2.22 New G2.2.28	Resampled due to having an RO importance rating of N/A. Randomly selected G2.2.28 to replace G2.2.22. 4/28/2016
T2G2 Q59	Original IIS K1.07 New IIS K1.05	Resampled due to inability to write a discriminating question. Randomly selected IIS K1.05 to replace IIS K1.07. 5/25/2016
T1G2 Q85	Original FR-C.3 G2.4.14 New FR-C.3 G2.4.28	Resampled due to inability to write a discriminating question at the required level. Randomly selected FR-C.3 G2.4.28 to replace FR-C.3 G2.4.14. 6/13/2016
T2G1 Q90	Original RTS G2.4.1 New RTS G2.4.7	Resampled due to inability to write a discriminating question at the required level. Randomly selected RTS G2.4.7 to replace RTS G2.4.1. 6/13/2016
T2G1 Q43	Original PCS K5.03 New PCS K4.04	Resampled due to inability to write a discriminating question at the required level. Randomly selected PCS K4.04 to replace PCS K5.03. 8/1/2016

Facility: Vogle		Date of Exam: <i>3/15/2017</i>		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.	<i>D</i>	<i>H</i>	<i>CB</i>			
2. a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.	<i>D</i>	<i>H</i>	<i>CB</i>			
3. SRO questions are appropriate in accordance with Section D.2.d of ES-401	<i>D</i>	<i>H</i>	<i>CB</i>			
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).	<i>D</i>	<i>H</i>	<i>CB</i>			
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; or ___ the audit exam was completed before the license exam was started; or ___ the examinations were developed independently; or <input checked="" type="checkbox"/> the licensee certifies that there is no duplication; or ___ other (explain)	<i>D</i>	<i>H</i>	<i>CB</i>			
6. Bank use meets limits (no more than 75 percent from the bank, at least 10 percent new, and the rest new or modified); enter the actual RO / SRO-only question distribution(s) at right	Bank	Modified	New	N/A	N/A	<i>N/A</i>
	<i>6 / 4</i>	<i>9 / 5</i>	<i>60/16</i>	<i>D</i>	<i>H</i>	<i>CB</i>
7. Between 50 and 60 percent of the questions on the RO exam are written at the comprehension/ analysis level; the SRO exam may exceed 60 percent if the randomly selected K/As support the higher cognitive levels; enter the actual RO / SRO question distribution(s) at right.	Memory	C/A		N/A	N/A	<i>N/A</i>
	<i>32 / 9</i>	<i>43 / 16</i>		<i>D</i>	<i>H</i>	<i>CB</i>
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	<i>D</i>	<i>H</i>	<i>CB</i>			
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.	<i>D</i>	<i>H</i>	<i>CB</i>			
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	<i>D</i>	<i>H</i>	<i>CB</i>			
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.	<i>D</i>	<i>H</i>	<i>CB</i>			
Printed Name / Signature		Date				
a. Author	<i>Benjamin E. Dealinger</i>			<i>12/27/2016</i>		
b. Facility Reviewer (*)	<i>Chuck Howard</i>			<i>12/27/2016</i>		
c. NRC Chief Examiner (#)	<i>Daniel M. Bacon / Daniel M. Bacon</i>			<i>12/29/2016</i>		
d. NRC Regional Supervisor	<i>Eugene Guthrie</i>			<i>1/10/2017</i>		
Note: * The facility reviewer's initials or signature are not applicable for NRC-developed examinations. # Independent NRC reviewer initials items in Initial column c; chief examiner concurrence required.						