

Facility: Duane Arnold Energy Center    Date of Exam: 6/5/17-6/17/17    Exam Level:    RO X    SRO X							
Item Description				Initial			
				a	b*	c#	
1.	Questions and answers are technically accurate and applicable to the facility.			SEA	QAM	MEB	
2.	a. NRC K/As are referenced for all questions. b. Facility learning objectives are referenced as available.			SEA	QAM	MEB	
3.	SRO questions are appropriate in accordance with Section D.2.d of ES-401			SEA	QAM	MEB	
4.	The sampling process was random and systematic (If more than 4 RO or 2 SRO questions were repeated from the last two NRC licensing exams, consult the NRR/NRO OL program office).			SEA	QAM	MEB	
5.	Question duplication from the licensee screening/audit exam was controlled as indicated below (check the item that applies) and appears appropriate  <input 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 checked="" type="checkbox"/> the licensee certifies that there is no duplication; or <input type="checkbox"/> other (explain)			SEA	QAM	MEB	
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	SEA	QAM	MEB
		19/5	3/2	54 53/18			
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		SEA	QAM	MEB
		34/6	41/19				
8.	References/handouts provided do not give away answers or aid in the elimination of distractors.			SEA	QAM	MEB	
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.			SEA	QAM	MEB	
10.	Question psychometric quality and format meet the guidelines in ES Appendix B.			SEA	QAM	MEB	
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.			SEA	QAM	MEB	
Printed Name / Signature				Date			
a.	Author	Scott E. Anderson			3-30-17		
b.	Facility Reviewer (*)	Jeffrey A. Miesl			3-30-17		
c.	NRC Chief Examiner (#)	Michael Biellay / Michael E. Bully			4/3/17		
d.	NRC Regional Supervisor	Robert J. Chikowski			6/1/17		
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 required.							