

Facility: Beaver Valley Unit 1 Date of Exam: October 31, 2016 to November 18, 2016 Exam Level: RO  SRO

Item Description	Initial		
	a	b*	c#
1. Questions and answers technically accurate and applicable to facility	Job	P	WJ
2. a. NRC K/As referenced for all questions b. Facility learning objectives referenced as available	Job	P	WJ
3. SRO questions are appropriate per Section D.2.d of ES-401	Job	P	WJ
4. The sampling process was random and systematic (If more than 4 RO or 2 SRO questions are repeated from the last two NRC licensing exams, consult the NRR OL program office.)			WJ
5. Question duplication from the license 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)	Job	P	WJ
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.	RO / SRO Bank	RO / SRO Modified	RO / SRO New
	23 / 9 <small>(30.7% / 36.0%)</small>	8 / 4 <small>(10.7% / 16.0%)</small>	44 / 12 <small>(58.7% / 48.0%)</small>
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.	RO / SRO Memory	RO / SRO C/A	
	35 / 6 <small>(46.7% / 24.0%)</small>	40 / 19 <small>(53.3% / 76.0%)</small>	Job P WJ
8. References/handouts provided do not give away answers or aid in the elimination of distractors.	Job	P	WJ
9. Question content conforms with specific K/A statements in the previously approved examination outline and is appropriate for the Tier to which they are assigned; deviations are justified	Job	P	WJ
10. Question psychometric quality and format meet the guidelines in ES Appendix B.	Job	P	WJ
11. The exam contains the required number of one-point, multiple choice items; the total is correct and agrees with value on cover sheet	Job	P	WJ

	Printed Name / Signature	Date
a. Author	T. A. Gaydosik <i>T. A. Gaydosik</i>	10-21-16
b. Facility Reviewer (*)	S. P. Snook <i>S. P. Snook</i>	10/23/16
c. NRC Chief Examiner (#)	David Silk / <i>David Silk</i>	10/25/16
d. NRC Supervisor	Donald Jackson <i>Donald Jackson</i>	10/26/16

Note: \* The facility reviewer's initials/signature are not applicable for NRC-developed examinations.  
# Independent NRC reviewer initial items in Column "c"; chief examiner concurrence required.