

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. U/E/S	7. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Back-ward	Q=K/A	SRO Only			
1	F	3											-		S	
2	F	3				X							X		E	distractor C is not credible; does not test knowledge of reasons for RCP tripping requirements as applied to PZR Vapor Space Accident per K/A.
3	H	3				X							-		E	distractors B and C are not credible;
4	F	3				X							-		E	distractor B is not credible;
5	H	3											-		S	
6	H	3											-		S	
7	H	3											X		U	in the stem, should LRC-101X be decreasing instead of increasing? doesn't test PZR Pressure Control Malfunction per K/A.
8	H	3											-		S	
9	H	3											-		S	

Instructions

[Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]

- Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.
- Enter the level of difficulty (LOD) of each question using a 1 - 5 (easy - difficult) rating scale (questions in the 2 - 4 range are acceptable).
- Check the appropriate box if a psychometric flaw is identified:
 - The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).
 - The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).
 - The answer choices are a collection of unrelated true/false statements.
 - One or more distractors is not credible.
 - One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).
- Check the appropriate box if a job content error is identified:
 - The question is not linked to the job requirements (i.e., the question has a valid K/A but, as written, is not operational in content).
 - The question requires the recall of knowledge that is too specific for the closed reference test mode (i.e., it is not required to be known from memory).
 - The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).
 - The question requires reverse logic or application compared to the job requirements.
- Check questions that are sampled for conformance with the approved K/A and those that are designated SRO-only (K/A and license level mismatches are unacceptable).
- Based on the reviewer's judgment, is the question as written (U)nacceptable (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

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10	H	3											X		U	doesn't test ability to operate/monitor MS header press. gauges per K/A.
11B	H	3											-		S	
12	H	3											-		S	
13	F	3											-		S	
14	H	3											-		E	I disagree with FCS' LOK rating on this question.
15B	F	3											-		S	
16B	H	2											-		E	lots of excess info in stem/distractors - not a well formulated question.
17B	F	3											-		E	original bank question has not been sufficiently changed to warrant calling this a modified question - should be counted as a bank question.
18B	F	3					X						-		U	change the stem to "What are the required actions regarding the operation of the PORVs?"
19B	H	3											-		S	
20	H	4											-		S	
21B	F	3											-		U	this is not an RO license level question
22	H	3											-		S	
23	H	3											-		S	
24B	F	3											X		U	does not test knowledge of REASONS for boric acid injection as related to Control Room Evacuation per K/A.
25B	F	3											-		E	I disagree with FCS' LOK rating on this question.
26B	F	3											-		S	
27B	F	3											-		S	
28B	H	3											X		U	does not test ability to monitor AUTOMATIC operation of the RCP system regarding RCS flow per K/A.
29B	F	3											-		S	

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30	F	2											-		S	
31	H	3											X		U	doesn't test knowledge of REASON for venting VCT while filling per K/A.
32	H	3											-		E	I disagree with FCS' LOK rating on this question
33	F	3											-		S	
34	F	3											-		U	I disagree with FCS' LOK rating on this question; this is not an RO license level question.
35	H	3											-		S	
36	F	3											X		U	I disagree with FCS' LOK rating on this question; doesn't test ability to predict impacts/use procedures to correct high press. in PRT per K/A.
37	F	2											-		S	
38	H	3											-		S	
39	H	3											-		S	
40	H	3											-		S	
41	H	3											-		S	
42	F	3											-		S	
43	H	3											-		S	
44	H	3											-		S	
45	F	3											X		U	doesn't test ability to predict/monitor containment humidity in association with CSS controls per K/A.
46	H	3											-		S	
47	H	3											-		S	
48	F	3											-		S	
49	H	3											-		S	

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50	F	3											-		S	
51	H	3											-		S	
52	H	2				X							-		U	distractors C and D are not credible.
53	H	3											-		S	
54	F	2											-		S	
55	H	3											-		S	
56	H	3											X		U	doesn't test knowledge of interlocks/features for resetting CRDM circuit breakers per K/A.
57	F	3											-		S	
58	F	2											-		S	
59	H	3											-		S	
60	F	3											-		S	
61	H	3											-		S	
62	F	3											-		S	
63	H	3											-		E	change stem from "...MSIVs fail close." to "...MSIVs fail closed."
64	H	2											-		S	
65	H	4											-		S	
66	F	2											-		S	
67	F	1											-		U	too easy.
68	F	3											-		E	I disagree with FCS' LOK rating on this question;
69	H	2											-		S	

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70	F	2			X								-		U	this question is simply asking which statement is true.
71	H	4											-		S	
72	F	3											-		S	
73	H	4											-		S	
74	H	3											-		S	
75	H	2											-		S	
76	H	3											X	X	U	doesn't test ability to interpret consequences of loss of pressure in RCS per K/A; this is not an SRO-only level question.
77	H	2											X	X	U	doesn't test ability to CALCULATE expected flow in loop per K/A; this is not an SRO-only level question.
78	H	3											-	X	U	this is not an SRO-only level question.
79	H	3											-	X	U	this is not an SRO-only level question.
80	H	3											-	X	U	this is not an SRO-only level question.
81	H	3											-	X	U	this is not an SRO-only level question.
82	F	3											-	-	S	
83	H	3											-	X	U	this is not an SRO-only level question.
84	H	3											-	-	S	
85	H	3											-	X	U	this is not an SRO-only level question.
86	F	3											-	-	S	
87	F	3											X	-	U	doesn't test knowledge of TS bases regarding Functional Recovery per K/A.
88	F	3											X	X	U	I disagree with FCS' LOK rating on this question; doesn't test knowledge of criteria requiring notification of plant personnel regarding Loss of Reactor Coolant Makeup per K/A; this is not an SRO-only level question.
89	F	3											-	X	U	I disagree with FCS' LOK rating on this question; this is not an SRO-only level question.

EXAM COMMENT RESOLUTION:

- 02 - Change distractor 'C' to be more credible. KA tie is acceptable.
- 03 - Rework distractor 'B' and 'C'.
- 04 - Accept as is.
- 07 - Accept as is.
- 10 - Accept as is.
- 14 - Accept as is.
- 16 - Will modify as suggested.
- 17 - Will modify an additional distractor.
- 18 - Will change.
- 21 - Accept as is. RO should know what AOP-8 requires.
- 24 - Accept as is. 'Reason' is implied.
- 28 - Will change KA to fit question.
- 31 - Will replace question to fit KA.
- 34 - Will add time of life. Change boron concentration in answer table and provide COLA Table for TOL.
- 36 - Accept as is.
- 45 - Will change question.
- 52 - Accept as is.
- 56 - Reselect KA and provide new question.
- 63 - Will correct.
- 67 - Accept as is.
- 68 - Accept as is.
- 70 - Will modify.
- 76 - Will modify.
- 77 - Will change KA and question.
- 78 - Accept as is.
- 79 - Will modify.
- 80 - Will modify.
- 81 - Accept as is.
- 83 - Accept as is.
- 87 - Will assess and modify as required.
- 88 - Accept as is.
- 89 - Accept as is.
- 90 - Will modify.
- 91 - Will modify.
- 93 - Accept as is.
- 95 - Will change as suggested.
- 98 - Accept as is.
- 100 - Accept as is.