

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		
1B	H	3										-		S	from RB NRC exam 10/2000;
2	H*	3										-		E(S)	author says LOK=F, but I think LOK=H. (S)-fixed.
3	H	3										-		S	
4	H	3										-		E(S)	Correct grammar and punctuation errors in stem by changing to: "During a plant startup, after the generator has been placed on the grid, a turbine trip occurs. . . and steam line drains stabilize reactor pressure. . ." (S)-fixed.
5	H	3		X								-		E(S)	recommend rewording distractors A and B to look more like C (ie: "A. rise as control rod insertion lowers core void content.") (S)-fixed
6	H	3	X									-		E(S)	indicate what time the CRS gave direction; (S)-fixed
7	H	3										-		S	
8	H	3										-		S	
9	F	2										-		S	
10	H	3										-		E(S)	typo in stem - change to: "... the Reactor Cavity where it strikes..." (S)-fixed

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 (are) 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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11M	F	3										-		S	from RB NRC exam 2/2003;
12	F	2										-		S	
13M	F	2										-		S	from RB NRC exam 2/2003;
14	F	2										-		S	
15E	F	2										-		S	from RB NRC exam 1/1993;
16	H	2										-		S	
17	F	2										-		S	
18	F	2										-		E(S)	fix typo in stem by: "...below the Power box as follows."; (S)-fixed
19	F	2										-		S	
20	F	2										-		S	
21M	F	2				X						-		U(S)	from RB NRC exam 2/2003; distractor A is not credible. (S)-distractor fixed and question converted to "modified" (was originally "bank")
22	H	2										-		S	
23	F	2										-		S	
24E	H	3										-		S	from RB NRC exam 2/2003;
25	F	2										-		S	
26	F	2										-		S	
27	F	3										-		S	
28	F	3										-		S	
29M	F	3										-		S	from Perry NRC exam 1994;
30M	H	3										-		S	from RB NRC exam 2/2003;
31	H	2										-		S	
32	F	2										-		S	

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33	H	4										-		S	
34B	H	2										-		S	from RB NRC exam 7/1997;
35	H	2										-		S	
36	H	3										-		S	
37	H	3										-		S	
38	H	3										-		S	
39	H	3										-		E(S)	fix typo in stem to: "Following a plant..." (S)-fixed
40B	F	2										-		E(S)	from RB NRC exam 7/1997; fix typo in distractor A to: "...hand switch in the control room..." (S)-fixed
41	H	3										-		S	
42	F	3										-		S	
43	H	2										-		S	
44	H	3										-		S	
45	H	3										-		S	
46	F	3										-		S	
47	F	3										-		S	
48M	H	2										-		S	from RB NRC exam 10/2000;
49	F	2		X								-		U(S)	three distractors can be eliminated by cues from handout. (S)-replaced with satisfactory NEW question.
50B	H	3										-		E(S)	from RB NRC exam 10/2000; fix typo in distractor B to: "Due to a..." (S)-fixed
51B	H	2										-		E(S)	from PB2 NRC exam 9/2002; is "diesel engine emergency shutdown signal" a separate signal from energizing the "diesel stop solenoid?" Also, capitalization of "diesel/Diesel" needs to be uniform. (S)-diesel shutdown language clarified/fixed.
52	F	2										-		E(S)	change 'A' and 'B' to "...operates alone to maintain..." (S)-fixed
53	F	2										-		S	
54	H	3										-		S	

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55	F*	2										-		E(S)	author says LOK=H, but I think LOK=F. (S)-fixed
56	H	3										-		S	
57	F	2										-		S	
58	F	3										-		S	
59	H*	2										-		E(S)	author says LOK=F, but I think LOK=H. (S)-fixed
60	F	3										-		S	
61	H	3										-		S	
62M	H	3										-		S	from RB NRC exam 2/1999;
63B	H	3										-		S	from RB NRC exam 7/1997;
64	F	2										-		S	
65B	H	3										-		S	from RB NRC exam 2/2003;
66M	H	2				X						-		U(S)	from RB NRC exam 2/2003; distractor A is not credible; perhaps eliminating descriptive verbiage in distractors and just use Mode-2, etc? (S)-fixed; question is now "modified" (was originally "bank")
67M	F	2										-		S	from BF NRC exam 6/1995;
68B	F	2										-		S	from RB NRC exam 1/1997;
69B	H	2										X		U(S)	not RO license level question. (S)-replaced with "bank" question from RB NRC exam 2/2003; question was originally "new".
70	F	2										-		S	
71B	H	2										-		S	from RB NRC exam 7/1997;
72	H	3										-		S(S)	from RB NRC exam 2/2003; (S)-replaced with "new" question to reduce the number of "bank" questions from previous two NRC exams.
73	F	2										-		S	
74B	F	2										-		S	from RB NRC exam 1/1995;
75	H	3										-		S	

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76E	F	2										X	-	U(S)	from RB NRC exam 2/2003; K/A listed on the Question does not match K/A listed on outline, and question does not match outline K/A. (S)-fixed
77	H	3										-	X	U(S)	not SRO-only - more like 55.41.b.5 than 55.43. (S)-fixed
78	H	2										-	X	U(S)	from RB NRC exam 7/1997; not SRO-only - more like 55.41.b.10 than 55.43. (S)-replaced with "new" question at SRO level (was "bank")
79	H	3										-	-	S	
80	H	3										-	X	U(S)	fix typo in first sentence of stem by deleting "is"; not SRO-only - more like 55.41.b.10 than 55.43. (S)-replaced with "new" SRO-level question
81M	H	2										-	-	S	from RB NRC exam 10/2000;
82M	F	2										-	-	S	from RB NRC exam 2/1999;
83	H	3										-	-	S	
84	H	3							X			-	-	E(S)	are SRO's expected to know the PSP curve by memory? (S)-modified to include curves as handouts.
85	F	3					X					-	-	U(S)	use something other than "-" in front of numbers in the stem so that no one can be confused as to whether it is a negative sign; distractor D seems to be also correct even though A is a better answer. (S)-fixed and added EP-3 as handout.
86	H	2										-	-	S	
87E	H	2										-	-	S	from RB NRC exam 10/2000;
88	F	2										-	-	S	
89	H	2										-	-	S	
90	F	2										-	X	U(S)	from RB NRC exam 10/2000; not SRO-only - more like 55.41.b.7 or b.10 than 55.43. (S)-replaced with "new" SRO-only question
91	H	2										-	X	U(S)	from Perry NRC exam 3/2002; not SRO-only - more like 55.41.b.10 than 55.43. (S)-replaced with "new" SRO-only question
92E	H	3										-	-	S(S)	from RB NRC exam 2/2003; (S)- "modified" this question to reduce the number of "bank" questions repeated from previous NRC exams
93M	H	2										-	-	E(S)	from FitzPatrick NRC exam 7/2003; fix typo in stem with: "...bundle is being..."; (S)-fixed
94E	F	2				X						-	-	U(S)	distractor C is not credible - try using SRO with different notification time. (S)-fixed

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