

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	Backward	Q=K/A	SRO Only		
71	H	3												S	
72	F	2												S	
73	F	2												S	
74	H	2												S	
75	H	3												S	
76	F	2												S	
77	H	2												E	Stem needs AOP-28 reference or "a" & "b" may be correct. - Stem changed
79	H	3												S	
80	F	2												S	
82	H	3				X								U	"c" does not appear credible (ATWS) - C being replaced
84	F	2												S	
85	H	3												S	
87	H	3												S	
88	H	3												S	
89	H	3												S	
90	F	3												S	
91	H	3												S	
92	F	2												S	
93	H	3												S	
94	H	2												E	Will edit stem - can actions be tied to procedure? Yes.
95	F	3				X								U	could "c" be correct also? Will change C distractor
96	F	2												S	
97	F	2												S	
99	H	3												S	
100	H	3												S	
SRO															
5	F	2												S	
6	H	2												S	
22	H	3												S	
23	H	2												E	Use "Required" instead of "appropriate" in stem Changed to required

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30	H	4												S	
31	H	3												E	"d"- both not needed. To get to safety limit you must exceed op. Limit Removed Both and the MCPR Operating
33	H	2												S	
36	H	2												S	
40	H	3												S	
47	H	3												E	Changed to fundamental. Typo in explanation. Should be 10312 not 10012.
51	H	3												S	
52	H	2												S	
53	H	3												S	
57	H	3												S	
59	H	3												S	
60	H	3												S	
62	H	2												S	
64	H	3												E	Stem does not provide enough information to assume that an EOP-2 entry would not occur. Therefore answer B could be correct.. The answer must be based on procedural guidance for the given conditions. Barry - Steve, I used EOP-2 and walked through the procedure and it led me to EP-2 (copy of high-lighted procedure attached) <i>Weak distractors</i> will replace "immediate" with "required procedurally driven" in question
69	F	2												S	Borderline SRO ONLY - based on correct answer interface with TS <i>How is this ALARA?</i> - provides communication to staff to minimize dose
70	F	1												U	Barry - seems too basic, not SRO only level question <i>process for preparing RWP vs. requirement for RWP</i> - Replaced
78	H	2												S	
81	H	3												S	
83	H	3												S	
86	F	2												S	
98	H	2	X											E	Is there enough stem focus to assure that an emergency doesn't exist, thereby making B also correct? stem edited for focus

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Instructions														
Refer to Section D of ES-401 and Appendix B for additional information regarding each of the following concepts.]														
1.	Enter the level of knowledge (LOK) of each question as either (F)undamental or (H)igher cognitive level.													
2.	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).													
3.	Check the appropriate box if a psychometric flaw is identified:													
	<ul style="list-style-type: none"> · 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 than one 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). 													
4.	Check the appropriate box if a job content error is identified:													
	<ul style="list-style-type: none"> · 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. 													
5.	<u>Check questions that are sampled</u> for conformance with the approved K/A and those that are <u>designated SRO-only</u> (K/A and license level mismatches are unacceptable).													
6.	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?													
7.	At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).													

NUREG-1021, Revision 9

NOTES:

Exam discussed with licensee on April 11 and 12, 2005. Out of 33 comments, 17 were resolved with no changes required. Unsats and Enhancements (3 noted below) will be resolved during validation week of April 18, 2005.

Total Unsat = 7 , SRO Unsat = 1, Total Enhancements = 8, Total SRO Enhancements = 5

All comments were resolved and reviewed as noted during the validation week. All replacement questions were found to be sat per the ES 401-9 guidance and were revalidated by the licensee.