

## 2001 NRC Exam Changes Summary

### WRITTEN EXAM CHANGES

Question N	Comment	Response
4	Specify which type of Vars, In or out	Question modified, Lagging Power factor added to question
13	Question does not discriminate	Question replaced
15	K/A mismatch, A2 directs assessment of plant conditions and use of a procedure to mitigate	Question modified, procedure steps added to distractors
22	K/A mismatch Question should ask about DC distribution not system power supplies	Question replaced
24	Incorrect K/A	Correct K/A noted in question data
33	Question does not discriminate	Question replaced
35	Add procedure reference to question stem	Question modified, Procedure Reference added to stem
36	Remove SHOULD, add procedure reference to stem	Question modified, SHOULD replaced, procedure reference added to stem
37	Incorrect K/A	Correct K/A noted in question data
45	Add procedure reference to question stem	Question modified, Procedure Reference added to stem
55	Remove SHOULD, add procedure reference to stem	Question modified, SHOULD replaced, procedure reference added to stem
58	Change distractor A, add potential to stem	Question modified, distractor A replaced, potential added to question stem
59	Add procedure reference to question stem	Question modified, procedure reference added to stem
61	Add procedure reference to question stem, describe answers	Question modified, Procedure Reference added to stem, answers explained
64	Incomplete K/A second part of A2 not tested	Question replaced
68	Remove SHOULD from question stem	Question modified, SHOULD replaced
71	Question has unnecessary information in stem	Question modified, additional information removed from stem
76	Not SRO level of knowledge	Question modified, Reference to T procedure removed. Candidate will have to choose which trip to enter per 10CFR55.43B(5)
77	Not SRO level of knowledge	Question modified, Reference to T procedure removed. Candidate will have to choose which trip to enter per 10CFR55.43B(5)
78	Change distractors	Question modified, distractors changed
79	K/A mismatch Question asks about level not temperature	Question replaced
80	Not SRO level of knowledge	Question modified, Reference to T procedure removed. Candidate will have to choose which trip to enter per 10CFR55.43B(5)
83	Change AND to AN	Question modified, AND changed to AN, EO Capitalized
85	Not SRO level of knowledge	Question modified, Reference to T procedure removed. Candidate will have to choose which trip to enter per 10CFR55.43B(5)
86	Not SRO level of knowledge	Question modified, Reference to T procedure removed. Candidate will have to choose which trip to enter per 10CFR55.43B(5)
87	Remove T-103 reference from stem	Question modified, T-103 removed from stem
89	Incorrect K/A	Correct K/A noted in question data, removed redundant wording from answers

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Question N	Comment	Response
93	Add procedure reference to question stem	Question modified, Procedure Reference added to stem
98	K/A mismatch, Implausible distractors, K/A relief requested	Question replaced
99	Remove SHOULD from question stem	question modified, SHOULD replaced
100	Not SRO level of knowledge	Question modified, Reference to ON-120 removed
101	Remove SHOULD from question stem	question modified, SHOULD replaced
102	K/A data missing	Correct K/A data added to question data
105	Incorrect K/A	Correct K/A noted in question data
108	Incorrect K/A	Correct K/A noted in question data
113	Add handswitch name to stem	Question Modified, handswitch added to stem
116	Add procedure reference to question stem	Question Modified, procedure reference added to question stem
117	Question has unnecessary information in stem	Question modified, additional information removed from stem
119	Incorrect K/A	Correct K/A data added to question data
120	Question has unnecessary information in stem	Question modified, additional information removed from stem
121	Incomplete K/A second part of A2 not tested	Question replaced
125	Question has unnecessary information in stem	Question modified, additional information removed from stem
ADMIN CHANGES		
129	Removed second part of question, re-write first part of question	Second part of question deleted, first part of question re-written
136	Can be converted to JPM	Question converted to JPM
137	Delete	Deleted Topic tested by JPM
138	Delete	Deleted Topic tested by JPM
139	Can be converted to JPM	Question converted to JPM
140	Can be converted to JPM	Question converted to JPM
141	Delete	Deleted Topic tested by JPM
144	Can be converted to JPM	Question converted to JPM

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	K/A match <span>RO/SRO</span>	
2	H	3												S	K/A match	
3	F	3												S		
4	H	3												E	Provide "leading or lagging" power factor	
5	F	2												S		
6	H	3												S		
7	H	3												S		
8	H	3												S		
9	F	2									X			S	K/A match.      Backward logic OK	
10	F	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.
  - More than one distractor 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 the appropriate box if the sampled question does not match the approved K/A or an SRO-only question is not at the SRO level.
- 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?
- For any "U" ratings, at a minimum, explain how the Appendix B psychometric attributes are not being met.

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			
11	H	3												S	K/A match	RO/SRO
12	F	2												S		
13	H	2												U	Non discriminating	REPLACED
14	H	3												S		
15	H	3										X		U	A2.02 K/A mismatch	REPLACED
16	F	3												S		
17	H	2												S		
18	H	3												S		
19	F	3												S		
20	H	3												S		
21	H	3												S	K/A match.	
22	H	3										X		U	K/A mismatch	REPLACED
23	H	3												S		
24	F	2												S	Typo in K/A outline	K/A match
25	F	3												S		
26	F	2												S		
27	H	2												S		
28	H	3												S		
29	F	2												S	Typo in K/A	K/A match
30	H	3												S		

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6.  U/E/S	7.	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q# K/A	SRO Only		Explanation	
31	F	2												S	RO/SRO	
32	H	2												S		
33	F	1				X								U	Non discriminating	REPLACED
34	H	2												S		
35	H	3												E	Add procedure reference in stem	
36	F	3				X								E	Replace "should" & add procedure reference in stem	
37	H	2												S	K/A match; Typo in K/A	
38	H	3												S		
39	F	3												S		
40	F	2												S		
41	H	3												S		
42	F	2												S		
43	F	3												S		
44	H	2												S		
45	F	2												E	K/A match	Add procedure reference in stem
46	F	2												S		
47	F	2												S		
48	F	2												S	K/A match	
49	H	3												S		
50	H	3												S	Replace should	(NO PROCEDURE REFERENCE NEEDED)

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		
51	H	2												S	RO
52	F	2												S	K/A match
53	F	3												S	
54	H	3												S	
55	H	3												E	Replace should Add procedure reference in stem
56	H	2												S	
57	H	3												S	
58	H	2				X								E	Revise distractor "a" & add "potential" in stem
59	H	3												E	K/A match Add procedure reference
60	H	2												S	
61	H	2										X		E	A2.06 K/A mismatch Add procedure reference
62	F	2												S	
63	H	3												S	K/A match
64	F	1										X		U	A2.01 K/A mismatch REPLACED
65	H	2												S	
66	F	2												S	K/A march
67	F	3												S	
68	F	3												E	Replace should
69	H	3												S	
70	H	3												S	K/A match

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		
71	F	2	X											E	K/A match Wordy stem REVISED RO
72	H	3												S	
73	H	2												S	
74	F	2												S	
75	F	3												S	K/A match
76	H	3											X	E	Remove reference in stem SRO
77	H	3											X	E	Remove reference in stem
78	H	2		X										E	K/A match Revise distractors
79	H	1										X	X	U	Remove reference in stem & K/A mismatch REPLACED
80	H	2											X	E	Remove reference in stem
81	H	3										X		S	Typo in K/A K/A match
82	H	3											X	E	Remove reference in stem
83	H	2												S	Typo in distractor "c" (and to an)
84	H	2												S	
85	H	3											X	E	Remove reference in stem
86	H	2											X	E	Remove reference in stem
87	F	2	X											E	Replace should & wordy stem REVISED
88	H	2												S	K/A match
89	H	3												E	Typo in K/A & Distractors shortened K/A match
90	H	2												S	K/A match

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		
91	H	2												S	<b>SRO</b>
92	H	3												S	
93	F	2												E	<b>K/A match</b> Replace should & Add procedure reference
94	H	2												S	
95	F	3												S	
96	F	2												S	
97	F	2												S	
98	H	3				X						X		U	Distractors & K/A mismatch <b>REPLACED</b>
99	F	2												E	Replace should
100	H	3	X											E	<b>K/A match</b> Wordy stem <b>REVISED</b>
101	F	2												E	Replace should <b>RO/SRO</b>
102	F	2												S	<b>Typo in K/A K/A match</b>
103	F	2												S	
104	F	2												S	<b>K/A match</b>
105	H	3												S	<b>Typo in K/A K/A match</b>
106	F	2												S	
107	F	2												S	
108	H	3												S	<b>Typo in K/A K/A match</b>
109	H	3												S	
110	F	2												S	



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		
111	H	3												S	RO/SRO
112	H	2												S	K/A match
113	H	3												E	Identify handswitch in stem
114	H	3												S	
115	H	3												S	
116	F	2												S	K/A match Add procedure reference
117	F	2	X											S	Wordy stem REVISED
118	F	2												S	
119	F	2									X			E	Replace should Typo in K/A K/A match
120	F	2	X											E	Wordy stem REVISED
121	H	2									X			U	A2.16 K/A mismatch REPLACED
122	F	2												S	
123	H	3												S	
124	H	3												S	K/A match
125	F	2	X											E	Wordy stem REVISED