

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. Other		6. B/M/N	7. U/E/S	8. Explanation
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only			
1	F													N	S	
2	F													N	E	Modified stem to delete irrelevant information. Changed distractor wording to align with the modified stem.
3	F													B	E	Minor stem changes for clarity.
4	H													B	E	Used on 2009 MS2 exam. Moved repeated information from all choices into the stem. Changed initial conditions to address a technical issue.
5	H													B	S	
6	H													N	E	Changed Choice B to eliminate possibility of 2 nd correct answer. Minor wording changes to Choices A, C, and D to maintain symmetry.
7	H													N	E	Modified choices to eliminate possibility of a 2 nd correct answer, to eliminate overlap with Q#66 and to adjust LOD. Added specific step reference to step.
8	H													B	E	Added power level to the stem to make KA match more explicit.
9	H													B	S	
10	H													B	S	
11	H													M	S	
12	F													N	E	Minor nomenclature changes.
13	H													B	S	
14	H													N	E	Modified stem to provide more realistic indications for the plant conditions.
15	H													M	E	Changed components referenced in two distractors to reflect equipment normally in operation for the given conditions.
16	F													N	E	Modified initial conditions to at-power operation.
17	H													B	S	

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18	H													N	S	
19	H													N	E	Minor modification to stem conditions to change cause from operator error to circuit malfunction.
20	H													N	S	
21	H													N	E	Modified a stem parameter to ensure desired plant response.
22	H													B	S	
23	H													N	E	Minor change to stem conditions. Minor wording changes to distractors.
24	F													B	U	Q overlaps with op-test JPM. Replaced the Q.
25	F													N	E	Minor formatting changes.
26	H													N	E	Minor stem nomenclature correction.
27	H													B	U	This bank Q is no longer valid as written because of plant procedure and operating philosophy changes. Replaced with another bank Q.
28	H													N	E	Modified Q stem to enhance clarity.
29	H													B	E	Minor wording change
30	H													B	E	Minor format, wording changes.
31	F													N	S	
32	F													N	E	Reworded stem to provide more clarity as to plant conditions and equipment functionality.
33	F													N	S	
34	H													M	S	
35	H													B	U	Replaced with a bank Q testing the same K/A.
36	F													N	E	Minor wording changes to choices to reduce choice length.

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37	H													B	E	Minor modifications to improve clarity and ensure given conditions are representative of SG pressure.
38	H													B	U	Bank Q is technically obsolete due to plant design changes. Replaced with a different bank Q.
39	F													M	S	
40	H													N	E	Minor modification to stem conditions to ensure components can be manually operated.
41	F													B	S	
42	H													N	E	Corrected nomenclature error in stem.
43	H													N	E	Minor wording changes in stem and choices. Corrected typo on key.
44	F													B	U	Replaced Q#44 because it overlapped with Q#10.
45	F													B	E	Minor formatting changes.
46	H													B	S	Used on 2011 MS2 exam. Changed cognitive level designation to higher order.
47	F													N	S	
48	H													B	E	Changed stem conditions to align with a plant design modification. Minor wording change in one choice.
49	H													N	E	Modified key answer wording to ensure technically accurate.
50	F													B	E	Minor stem changes.
51	F													B	E	Replaced the Q because of oversampling of the system.
52	F													N	S	Minor wording changes to some choices for improved symmetry.
53	F						X							N	E	Changed trend direction in one distractor to fix the distractor. Replaced another distractor and swapped answer choice order for symmetry. Changed stem conditions and choices to clarify question and move repetitive text from choices to stem.
54	F													B	S	

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55	F													N	E	Corrected typo in Choice B. Labeled Q source on justification page.
56	H													M	E	Added information to stem to reduce complexity of Q. Changed a distractor to eliminate confusion due to low initial power level.
57	H													B	S	Used on 2009 MS2 exam.
58	F													B	E	Corrected minor typos.
59	F													B	S	
60	F													B	S	
61	H													N	E	Minor wording change in stem to clarify intent of Q.
62	H													B	E	Minor wording change in stem to clarify conditions and intent of Q.
63	F													B	S	
64	F													B	S	
65	H													N	E	Replaced the Q because of oversampling of the system.
66	H													B	U	Replaced Q based on overlap with Q7
67	F													N	E	Corrected categorization, new not modified. Minor wording changes to stem and distractors to eliminate confusion over how/when the testing is performed.
68	F													B	U	Not testing RO knowledge. Replaced the Q.
69	F													N	E	Minor stem wording improvements.
70	F													N	E	Added to choices to eliminate possibility of subset answers.
71	F													B	E	Corrected justification statements.
72	F													N	E	Added information to stem related to extent of damage and condition of assembly to better match intended initial conditions.
73	H													B	S	Used on 2009 MS2 exam.

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74	H													B	E	Corrected operator position designators consistent with facility convention. Minor modification to one distractor.
75	F													N	S	
76	H													N	E	Changed parameter in stem to one that is instrumented.
77	F													B	E	Modified one distractor to avoid subset problem.
78	H													B	E	Used on 2009 MS2 exam. This question reworded to match the as-administered version on the 2009 NRC exam.
79	H													N	E	Modified choices to enhance symmetry.
80	H													M	E	Changed affected component in stem to align with initial conditions. Minor stem and choice wording and format changes to improve clarity.
81	H													N	E	Minor modification to a condition in the stem to ensure no confusion over the time at which the component was lost. Added information to eliminate any possible misunderstanding about equipment status.
82	H													B	E	Modified operator titles consistent with new station convention. Clarified condition in the stem.
83	H													N	U	Replaced Q because of overlap with an op-test JPM.
84	H													B	E	Minor wording changes.
85	H											X		N	U	Replaced with a bank Q that matched the KA.
86	H													N	E	Modified some stem conditions such that all could exist concurrently, to ensure operational validity.
87	H													N	E	Changed makeup from auto to manual in stem, consistent with normal plant operation. Changed wording in choices.
88	H													B	S	
89	H													B	S	Used on 2009 MS2 exam.
90	H													N	S	

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91	H													B	E	Modified Q conditions.
92	H													M	S	
93	F													N	U	Q not technically correct. Replaced with another new Q.
94	F													N	S	
95	H													B	U	Q not technically correct. Replaced with another new Q.
96	H													N	E	Changed one choice to make technically correct for all conditions.
97	H													M	S	
98	H													B	S	
99	F													N	S	
100	F													N	U	Not operationally valid. Replaced with a new Q.