| Q# | 1. LOK (F/H) | 2. LOD (1-5) | 3. Psychometric Flaws | | | | | 4. Job Content Flaws | | | | 5. Other | | 6. | 7. | 8. |
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	B/M/N	U/E/S	Explanation
1	F													N	U	Overlap with SRO #16, replaced question.
2	H													N	E	Modified Choices C and D to enhance discriminatory value. Added additional information to justification section.
3	F					X								N	U	Recategorized as memory level, not higher order. Modified stem and distracters to make distracters credible.
4	H													B	E	Modified stem, added information relating to ATWS condition to enhance credibility of the 'two-pump' choices . Modified choices to improve discriminatory value.
5	M													N	E	(Draft Q#18) Question replaced because of overlap with tested knowledge in Questions 29 and 56.
6	F													B	E	(Draft Q#5) Minor distractor wording change. Changed value in distractor to improve plausibility. Added to justification to explain why motor temp may not be increasing with lo flow alarm.
7	F													B	E	(Draft Q#6) Replaced one implausible distractor, reordered choices.
8	H													B	E	(Draft Q#7) Removed "references provided" statement from the stem. Modified choice values to prevent overlap between choices.
9	F													N	E	(Draft Q#8) Reworded several choices to improve plausibility and eliminate overlap with Q#20. This question matches K/A for applying system limits because the heat up of seal injection to 225°F in 5.3 minutes is a system limitation as documented in a loss of CCW calculation and in the Technical Basis Document for S2.OP-AB.CC-0001.

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.
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only			Explanation
10	F													B	E	(Draft Q#9) Removed "hotter" and "cooler" from Choices B/D. Unnecessary, could be confusing and could cue the correct answer.
11	F													N	E	(Draft Q#10) Changed running pump in the stem to enhance distractor credibility. Reordered answer choices.
12	H													B	E	(Draft Q#11) Removed unnecessary, leading information ("since it is not being discriminated out") from both Choice C and Choice D.
13	H													B	S	(Draft Q#12)
14	M													N	E	(Draft Q#13) Fixed typo in Choice D. Modified wording in Choices A and B for symmetry. Corrected reference page number.
15	H													N	S	(Draft Q#14)
16	H													N	E	(Draft Q#15) Replaced Q. Too many GFE level questions on test.
17	F					X								N	U	(Draft Q#16) Modified choices to ensure each choice is mutually exclusive of the corresponding choice.
18	H	3.0												N	E	(Draft Q#17) Minor editorial changes in distracters.

Q#	1. LOK (F/H)	2. LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only	6. B/M/N	7. U/E/S	8. Explanation
			3. Psychometric Flaws					4. Job Content Flaws				5. Other				
19	H													B	S	
20	F													N	S	Modified Choice C to prevent overlap with Q#9 (Draft Q#8).
21	F													B	E	Replaced one non-credible distractor. Reordered choices.
22	H													B	S	Reclassified as higher cognitive level question.
23	M													B	U	Low LOD. Replaced question.
24	H													B	S	
25	H													B	S	Added to justification to explain that lockout switch is plausible because it is a Unit difference.
26	F													N	S	
27	F													N	S	Reclassified as a lower cognitive level question.
28	H													N	E	Corrected minor typo in stem. Added "initial" to stem question. Modified wording of generator MW choice to make clearly wrong.
29	H													N	S	Minor stem wording change. Added to justification to elaborate on why Choice A is wrong.
30	H													B	S	
31	H							X				X		B	U	Weak K/A match and limited operational validity. Replaced Q.
32	H													N	S	Added to question justification to explain the K/A match.
33	H													N	S	Fixed typos in justification section.
34	H													N	S	
35	F													M	S	
36	H													B	S	

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			
37	H													B	E	Modified conditions in stem to remove the leak and replace with different fault. Changed to address the overlap between Q#37 and Q#3.
38	H						X							B	E	Added transmitter O/S in stem to improve distractor plausibility and increase LOD.
39	F													B	S	
40	F													N	S	
41	H													B	S	Minor distractor wording change, rearranged choices.
42	H													B	S	
43	H													N	S	
44	H													N	S	
45	H													B	S	
46	F													B	S	
47	F													N	S	
48	F				X									B	U	Collection of True/False statements. Rewrote Q to fix psychometric flaw.
49	H													N	S	Too many GFE level Qs on RO exam. Replaced with new Q.
50	F													N	E	Modified stem to make more operationally valid.
51	H													N	S	
52	F													N	U	Low LOD based on initial reactor trip EOP immediate action, practiced many times in simulator scenarios. Question replaced.
53	F													N	E	Added "IAW ..." to stem.
54	H													N	E	Rewrote question and distracters to improve plausibility of choices.
55	H													N	S	

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			
56	H													B	S	
57	F													B	S	
58	H													N	S	
59	F													B	S	Corrected typo in justification section. Modified justification for correct answer to explain TS.
60	F													N	E	Replaced distractor containing 2R1A because discriminatory value reduced by Q#61. Reordered choices.
61	H													N	S	
62	H													M	S	
63	H													B	S	
64	H													B	E	Replaced one implausible distractor. Reordered choices.
65	F													B	E	Modified stem and one distractor to improve distractor plausibility.
66	F													N	E	Modified stem to enhance distractor plausibility.
67	F													N	S	
68	H													N	S	Facility confirmed this is expected RO level knowledge.
69	H													B	E	Modified justification to align with key answer. Reduced total pri to sec leakage in stem to ensure per-generator value is within limits.
70	H													B	S	
71	H													B	S	SRO Q#22 helps to answer this question. However, RO exam is collected before SRO exam distributed to applicants. Therefore, no need for change to SRO Q#22.
72	H													B	E	Removed "the" from Choice C. Added to "Unit 1 trips" choice, to provide information for assessment that emergency not in progress. Reordered choices.
73	F													B	S	

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			
74	F													B	E	Modified a distractor to remove leading information. Replaced one distractor with a plausible incorrect choice.
75	F					X								N	U	Modified stem. Replaced Choices B and D with plausible distracters.
76	H													M	E	(SRO #1) Deleted mode information from the stem.
77	H													N	E	(SRO #2) Provided RCS temperature and pressure parameters, vice plant mode, in the stem.
78	H													N	E	(SRO #3) Modified the choice wording to ensure question requires procedure knowledge to answer correctly.
79	H													N	E	(SRO #4) Changed Choice C from "2FR" to "1FR" to align with the designated unit. Improved stem clarity by changing to "…and which would require …".
80	H													N	S	(SRO #5)
81	H													N	E	(SRO #6) If "O/S" means out of service, which could be interpreted as inoperable, then Choice C is not credible since it wouldn't change conditions. Perhaps better to state 22 RHR pump is in standby. Choice D could be argued as a second correct answer, based on assumption that the channel is inoperable because of its audible function.
82	H													B	S	(SRO #7)
83	H													N	S	(SRO #8)
84	H													N	S	(SRO #9)
85	H													B	E	(SRO #10) Rewrote stem and distracters to better test procedure knowledge.

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only			
86	H					X								N	E	(SRO #11) (DRAFT SRO #12) Replaced Choice A distractor. Added explanation of K/A match.
87	H													N	S	(SRO #12) (DRAFT SRO #13)
88	H						X							N	U	(SRO #13) (DRAFT SRO #14) Minor stem wording change. Reworded Choice A to eliminate the 2nd correct answer.
89	H											X		N	U	(SRO #14) (DRAFT SRO #15) KA mismatch. KA is for ESF AS. Question tests RPS. Wrote new question to same KA.
90	H													B	E	(SRO #15) (DRAFT SRO #16) Fixed typos. Minor stem rewording. Reworded distracters for clarity and to improve discriminatory value.
91	H												X	N	U	(SRO #16) (DRAFT SRO #11) Not SRO only. Replaced Q.
92	H													N	E	(SRO #17) Minor wording changes in Choices C and D.
93	H													M	S	(SRO #18)
94	H												X	B	U	(SRO #19) Could be answered with system knowledge only. Replaced question.
95	H												X	B	U	(SRO #20) Not SRO-only. Can be answered with basic GFE knowledge. Replaced question.
96	H													B	S	(SRO #21)

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/ units	Back-ward	Q= K/A	SRO Only			
97	H													B	E	(SRO #22) Minor stem wording change to ensure all choices are supported by the question. This question contains information that could help to eliminate two distracters on RO Q#71 by narrowing the annual PSE&G limit to between 1900 and 2350 mR. However, RO exam is collected before SRO exam distributed to applicants. Therefore, no need for change.
98	H													B	E	(SRO #23) Reworded stem and choices to improve distractor plausibility.
99	H					X								B	E	(SRO #24) Rewrote stem conditions and choices to enhance discriminatory value of distracters.
100	H													N	S	(SRO #25)