

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	H					X						Y	Y	U	Distractors not credible
2	L	1				X		X				Y	Y	U	1) Distractors implausible, and 2) question too simplistic does not discriminate
3	H	2				X						Y	N/A	U	Distractors C and D state no power is available.
4	H	2				X						Y	N/A	U	Level will not rise with steam flow > feed flow
5	L	2					X					Y	N/A	U	2 correct answers; "B" could also be correct
6	L	1						X				Y	N/A	U	Too basic; GET level not discriminatory at LSRO
7	H	3										N	N/A	U	K/A mismatch; "explain" part of K/A not addressed.
8	H	2										N	N/A	U	K/A mismatch; question is about reactivity coefficients, not shutdown margin

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9	H	5							X			Y	N/A	U	This open referenced question required the The answer is contained in a single step in the System Operating Procedure. It is unreasonable to assume an operator (or SRO) would recall, from memory, a single step in a system operating procedure. The question was administered in this form and had a high “miss” rate. This should have been caught by the NRC reviewer and/or the licensee, but it was not.
10	H	3									X	Y	N/A	E	Elicits a negative response. Restate Stem
11	H	3		X								Y	N/A	U	Stem States No Other Failures, D Only Answer Indicating No Failure/ Also How Does “A” or “C” Pump Auto Start If Already Running?
12	H	3	X									Y	Y	U	Stem did not give indication of an assessment performed for FW pump reliability
13	H	3										Y	N	U	Doesn't fit 55.43(b)(2) not SRO level just a integrated system question.

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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"> <li>• The stem lacks sufficient focus to elicit the correct answer (e.g., unclear intent, more information is needed, or too much needless information).</li> <li>• The stem or distractors contain cues (i.e., clues, specific determiners, phrasing, length, etc).</li> <li>• The answer choices are a collection of unrelated true/false statements.</li> <li>• <span style="color: red;">One or more than one distractors</span> is not credible.</li> <li>• One or more distractors is (are) partially correct (e.g., if the applicant can make unstated assumptions that are not contradicted by stem).</li> </ul>																
4. Check the appropriate box if a job content error is identified:																
<ul style="list-style-type: none"> <li>• 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).</li> <li>• 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).</li> <li>• The question contains data with an unrealistic level of accuracy or inconsistent units (e.g., panel meter in percent with question in gallons).</li> <li>• The question requires reverse logic or application compared to the job requirements.</li> </ul>																
5. <u>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).</u>																
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).																