

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	Backward	Q=K/A	SRO Only			
1	H	3										Y		B	S	
2	H	3										Y		M	S	
3	F	2										Y		N	S	
4	F	3										Y		N	S	
5	H	4										Y		N	S	
6	F	3										Y		N	S	
7	F	2										Y		B	S	
8	H	2										Y		N	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.
  - The distractors are not credible; single implausible distractors should be repaired, more than one is unacceptable.
  - 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 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).
- Enter question source: (B)ank, (M)odified, or (N)ew. Check that (M)odified questions meet criteria of ES-401 Section D.2.f.
- Based on the reviewer's judgment, is the question as written (U)nsatisfactory (requiring repair or replacement), in need of (E)ditorial enhancement, or (S)atisfactory?
- At a minimum, explain any "U" ratings (e.g., how the Appendix B psychometric attributes are not being met).

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9	F	3										Y		N	S	
10	H	3										Y		N	S	
11	H	3										Y		N	S	
12	H	4										Y		N	S	
13	F	2										Y		M	S	
14	H	2										Y		N	S	
15	H	3										Y		M	S	Meets part (b) of K/A
16	H	3										Y		B	S	
17	H	4										Y		N	S	
18	F	3										Y		B	S	
19	F	4										Y		B	S	
20	F	4										Y		N	S	
21	F	2										Y		N	S	
22	H	3										Y		N	S	
23	H	4										Y		N	S	
24	H	3										Y		N	S	
25	F	3										Y		N	S	
26	H	2										Y		B	S	
27	H	3										Y		N	S	
28	H	3										Y		B	S	

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29	H	2										Y		M	S	
30	F	2										Y		N	S	
31	H	3										Y		N	S	
32	H	3										Y		N	S	
33	H	2										Y		N	S	
34	H	2										Y		B	S	
35	H	2										Y		B	S	
36	H	3										Y		N	S	
37	F	4										Y		N	S	
38	F	4										Y		N	S	
39	H	3										Y		N	S	
40	H	2										Y		N	S	
41	H	2										Y		N	S	
42	F	2										Y		N	S	
43	H	3										Y		N	S	
44	H	3										Y		N	S	
45	F	2										Y		N	S	
46	F	2										Y		N	S	
47	F	3										Y		N	S	
48	H	3										Y		N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
49	H	3										Y		N	S	
50	H	2										Y		N	S	
51	F	2										Y		B	S	
52	H	2										Y		N	S	
53	H	3										Y		N	S	
54	F	3										Y		N	S	
55	H	2										Y		M	S	
56	H	2										Y		B	S	
57	H	2										Y		N	S	
58	H	3										Y		B	S	
59	F	3										Y		N	S	
60	H	3										Y		B	S	
61	F	2										Y		N	S	
62	H	2										Y		N	S	
63	H	2										Y		B	S	
64	F	2										Y		N	S	
65	F	3										Y		N	S	
66	F	2										Y		B	S	
67	F	2										Y		B	S	
68	F	3										Y		N	S	

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			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward	Q=K/A	SRO Only			
69	F	2										Y		N	S	
70	F	3										Y		B	S	
71	F	2										Y		N	S	
72	F	3										Y		N	S	
73	H	3										Y		M	S	
74	H	2										Y		M	S	
75	H	2										Y		B	S	
76	H	3										Y	Y	N	S	
77	H	3										Y	Y	B	S	At NMP 1, loss of battery charger equals loss of DC power
78	H	2										Y	Y	B	S	
79	F	2										Y	Y	B	S	
80	F	2										Y	Y	M	S	
81	H	3										Y	Y	N	S	
82	H	3										Y	Y	M	S	
83	F	2										Y	Y	N	S	
84	H	2										Y	Y	N	S	
85	H	2										Y	Y	N	S	
86	H	2										Y	Y	M	S	
87	H	2										Y	Y	N	S	
88	H	2										Y	Y	N	S	



## **Post-submittal changes to Nine Mile Point Unit 1 NRC exam**

### **1. In-Plant JPMs**

- P-1: Added information to examiner notes in step 3; added cue to step 3
- P-2: Added cues to steps 5 and 7; changed cue in step 8 to require additional actions; added steps 9-16
- P-3: Changed steps 14 and 19 from non-critical to critical

### **2. Simulator JPMs**

- S-1: Condensed standard for step 8; edited wording in standard for step 10
- S-2: Added indication to check in standard steps 4 and 16; added clarification on standard for steps 6 and 10; added examiner note to step 12
- S-3: Added new initial condition 6; added third sentence to initiating cue; added second sentence to cue after step 13
- S-4: Edited to use new procedure section (accomplishes same task)
- S-5: Added new initial condition 2 to require two additional critical steps; change part of step 16 from non-critical to critical
- S-6: Added one word to standard for step 9
- S-7: Added new initial condition 4
- S-8: Added cues to steps 6 and 10; fixed typo in step 10

### **3. Simulator Scenarios**

- #1: Added detail to operator actions on page 24; added short delay time to trigger 23 in event 8
- #2: Added detail to operator actions on pages 20 and 25
- #3: Added "OR" to operator action on page 14; added detail to operator actions on pages 23 and 24; added examiner note to page 24
- #4: Added second sentence to last examiner note on page 16; added sentence to role play on page 24; added detail to operator action on page 25

### **4. RO Admin JPMs**

- COO1: Added examiner note to step 7
- COO2: Added second sentence to initiating cue; added worksheet for candidate to complete
- EC: No change
- EP: Added examiner note to steps 7 and 8

## 5. SRO Admin JPMs

- COO1: Changed steps 4 and 5 from critical to non-critical; added ranges to values in step 4; edited standard for step 8; added examiner note and cue to step 8
- COO2: Changed part of step 5 from non-critical to critical; added examiner note to step 5
- EC: Bolded part of initiating cue in body of JPM only
- RC: No change
- EP: Deleted examiner note in step 5; edited terminating cue; edited format of data on the bottom of the cue sheet