

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	H	2										Y		B	S	
2	H	3										Y		B	S	
3	H	2										Y		B	S	
4	H	4										Y		N	S	
5	H	2										Y		N	S	
6	H	3										Y		B	S	
7	F	1							x			Y		N	U	LOD=1; minutia; better suited for GFE. Replaced KA & Q
8	H	3										Y		B	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).

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			
9	H	3										Y		B	S	
10	H	3										Y		N	S	
11	H	2										Y		B	S	
12	H	2										Y		N	S	
13	H	2										Y		B	S	
14	F	2										Y		N	S	
15	F	2										Y		B	S	
16	H	3										Y		N	S	
17	F	2										Y		N	S	
18	H	3										Y		B	S	
19	F	2										Y		B	S	
20	H	3										Y		B	S	
21	H	3										Y		B	S	
22	H	3										Y		M	S	
23	F	2										Y		B	S	
24	F	2										Y		B	S	
25	H	3										Y		B	S	
26	H	2										Y		B	S	
27	F	2										Y		B	S	
28	F	2										Y		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			
29	H	3										Y		B	S	
30	F	2										Y		B	S	
31	H	2										Y		B	S	
32	H	3										Y		B	S	
33	H	3										Y		N	S	
34	H	2										Y		B	S	
35	F	2										Y		B	S	
36	F	2										Y		B	S	
37	H	2										Y		B	S	
38	F	2										Y		B	S	
39	F	2										Y		N	S	
40	F	2										Y		B	S	
41	H	3										Y		B	S	
42	H	3										Y		N	S	
43	F	2										Y		B	S	
44	F	2										Y		N	S	
45	H	2										Y		B	S	
46	F	2										Y		B	S	
47	H	3										Y		B	S	
48	F	2										Y		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			
49	H	3										Y		B	S	
50	H	2										Y		N	S	
51	H	3										Y		N	S	
52	F	2										Y		B	S	
53	H	3										Y		B	S	
54	F	2										Y		N	S	
55	F	2										Y		B	S	
56	F	2										Y		B	S	
57	H	2										Y		N	S	
58	H	3										Y		B	S	
59	H	2										Y		N	S	
60	F	2										Y		B	S	
61	H	3										Y		B	S	
62	H	4										Y		N	S	
63	F	2										Y		N	S	
64	F	2										Y		N	S	
65	F	2										Y		B	S	
66	F	2										Y		B	S	
67	F	2										Y		N	S	
68	H	3										Y		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			
69	F	2										Y		N	S	
70	H	2										Y		M	S	
71	F	2										Y		B	S	
72	F	2										Y		N	S	
73	H	3										Y		B	S	
74	F	2										Y		B	S	
75	H	2										Y		B	S	
76	H	3										Y	Y	N	S	
77	H	3										Y	Y	B	S	
78	H	2										Y	Y	B	S	
79	H	3										Y	Y	B	S	
80	H	2										Y	Y	N	S	
81	H	3										Y	Y	B	S	
82	H	3										Y	Y	B	S	
83	H	2										Y	Y	B	S	
84	H	2										Y	Y	B	S	
85	H	3										Y	Y	N	S	
86	H	3										Y	Y	N	S	
87	H	3										Y	Y	N	S	
88	H	3										Y	Y	N	S	

[illegible]

8/4/2010

Todd Fish
USNRC Region 1
475 Allendale Road
King of Prussia, PA 19406

Hope Creek, Unit 1
Facility Operating License NPF-57
NRC Docket #50-354
Subject: Changes to Operating Test Items

Per telephone discussion, the following changes were made to the Operating Test items:

Scenario #1 – Changed HPCI from being tagged initially to HPCI F001 Steam Supply valve fails closed. Added all 3 Reactor Feed Pumps trip upon reactor scram to keep RPV level low following scram.

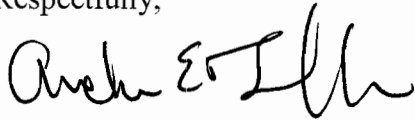
Scenario #2 – Added 3 more control rods stuck at position 48 following scram. Added text for sim operator to control CRD Drive Water pressure control valve to slow rod motion on manual insertion.

Scenario #3 – Added note to trigger stuck open SRV when conditions are stable.

JPM #1 – Modified termination cue.

JPM #8 – Modified Cue for RO entry into Abnormal Procedures.

Respectfully,

A handwritten signature in black ink, appearing to read "Archie Faulkner". The signature is fluid and cursive, with the first name "Archie" being more legible than the last name "Faulkner".

Archie Faulkner
Lead Exam Author
Hope Creek Station