

ES-401

Form ES-401-9

FACILITY: Comanche Peak
 EXAM DATE: May 2001
 CHIEF EXAMINER: G Johnston
 REVIEWER: RE LANTZ

Q#	1. LOK (F/H)	2. LOD (1-5)	3. Psychometric Flaws					4. Job Content Flaws				5. U/E/S	6. Explanation	
			Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job-Link	Minutia	#/units	Backward			
1	H	2				X							E	Is D correct if expose <5 but >12? If not, delete exposure ref in D. (No "D" is not correct - >10mrem)
2	F	2											S	
3	F	2						X					S	Potential for more than one correct answer (kaok)(must resolve with licensee)
4	F	2	X										E	Are you asking where to look to see if the operator is <u>Qualified</u> to operate, or if the component can be operated given a set of plant conditions? Modified question
5	F	2											S	(kaok)
6	H	3											E	Give Stem conditions of 100%, steady state. Then state the following conditions read 3 minutes later... do not give trends. Makes Q less GFES (Modified question - must make sure conditions are accurate with the licensee)
7	F	4	X										E	Q is wordy, par down to ask directly... one EDG, T/S requirements? Simplified
8	H	3		X		X							E	ans only one not header press... change d to a loss of power to a bus that does not affect the steam dumps (changed one answer - added single vs coincident)
9	F H	4	X										E	Add the procedure in the stem that gives the requirement, reword c,d to action stmt: Secure ECCS when RCS subcooling exceeds(kaok)
10	H	2						X					U	GFES as asked. See comments on Q6 (kaok) (modified to include actual plant parameters)
11	H	4	X										S	Answer does not seem responsive to the Q, although correct... may need to reword Q (kaok)
12	F	2											E	Need to complete edits on Q
13	F	2											S	d is always correct... would be better: There are NO required actions to these indications. Delete "Inform the SM" from c, add "per (ABN???? for CR EVAC)"
14	H	2						X					S	C looks also correct - level signal used for FRV control not MFP speed control - C ok
15	H	3						X					E	GFES as asked. See comments on Q6, Q10 (modified to include actual plant parameters)
16	F	3											S	(kaok)
17	F	2						X					E	C may also be true (will need to check with licensee)

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18	H	3										S	
19	F	2										S	
20	F	3		X								E	If a is true, b must be, If C is true, d must be, so a and c cannot be... reword the stem or rewrite these two distractors to a power loss and other. (Reworded the stem)
21	H	3										S	(kaok)
22	F	3										S	(kaok)
23	H	3				X						E	a and c not credible. Delete part of Q about mass changes (changed the stem)
24	H	3										S	
25	H	3										S	
26	H	3										S	delete reason given in b,(kaok) (deleted reason)
27	H	3										S	d is not responsive to the Q, are we sure it is false? Change to no major plant affects (changed stem)
28	F	2										S	
29	H	2										S	(kaok)
30	F	2										S	K/A more appropriate as 001-2.1.12. SDM determination is a task in CRD system. Believe this K/A is appropriate based on SDM reference in APE 005.
31	H	3										S	
32	F	2										S	
33	F	3										S	
34	F	4										S	(kaok)
35	F	2										S	(kaok)
36	H	2										S	
37	H	3										S	
38	H	2										S	verify d is incorrect. (Reviewed ABN-706 - "d" appears to be incorrect)
39	F	2										S	move common part of answers into stem or remove from two distractos...(removed part of common answer to the stem)

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40	H	2										S	verify answer, c or d?
41	H	3										S	
42	H	2										S	
43	H	3										S	(kaok)
44	H	3										S	
45	H	3										S	(kaok)
46	H	3										S	
47	F	2										S	
48	F	3										S	
49	F	3										S	
50	H	3										S	(kaok)
51	H	3										S	Need a time limit on a and b for validity. Change stem to reduce redundant statement in answers.. (no operational impact due to....) (Put in time limit and removed red. Statement)
52	F	2	X									S	Consider changing stem to be more operationally valid... HI ALM on RE-5895A (changed stem)
53	H	3										S	(kaok)
54	F	3										S	(kaok)
55	F	2					X					E	Ensure the three distractors are clearly wrong... they all seem to be arguably correct. (Modified answer and distractors - all distractors should be incorrect)
56	F	3		X								E	For a and b, delte the reasons given, not asked for in the stem: a: and demineralizers are bypassed, b: and the demineralizers are placed in service. (distractors changed)
57	H	3										S	
58	F	2										S	(kaok)
59	H	2										S	
60	H	3										S	Verify answer (changed the answer and verified)

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61	F	2										S	consider listing the procedure in the stem that states these methods. (Not in a procedure, comes from training lesson)
62	H	3										E	put "reset SIAS" in stem and delete Att 9 reference in the answers. Does the EOP direct restoration from the control room vice locally?(kaok) (Changed and Yes)
63	H	2										S	
64	F	3	X									E	Move Annunciator 6B-4.7, "LWPS PNL TRBL" to stem as an indication, and modify answers as appropriate. (Removed "LWPS PNL TRBL from Q&A)
65	F	3										S	(kaok)
66	H	3										E	this may require a handout, and then may need revised to prevent DLU (kaok) (modified question, so they should know based on RCS requirements the answer)
67	F	2										S	K/A weak, better 06K1.03 or 09EK3.21 4.2/4.5 or 11EK 3.12 4.4/4.6 - changed K/A to 06K1.03
68	H	2										S	
69	H	2										S	
70	H	3	X									E	Modify stem... "What are the minimum actions required to verify the S/D safety function after verification of reactor trip and bypass breakers open, neutron flux decreasing?" Delete "verify reactor trip by..." in each answer (modified)
71	H	3										S	(kaok)
72	H	3										S	(kaok)
73	H	3				X						E	Verify a not also correct. C is not credible. (Chaged "c" and verified answer)
74	F	2										S	Consider referencing the procedure that specifies the action (no change - don't believe it adds anything - Other than more information that)
75	H	2										S	
76	F	2										S	
77	F	3	X									E	delete sections of answers that are of plant impacts, as requested by the stem, ie, DG remains operable...(modified)
78	F	2										S	
79	F	1										U	generic fundamentals question, delete (need help with finding or writing a new question) (Per Gary, leave as is)

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S94	H	3										S	
S95	F	2						X				E	This appears to be immediate actions of AOP. If so, this is not SRO only. 55.43 (b) 5 requires assessment and selection of procedures. (NOT an immediate action)
S96	F	2										E	All background info in Q is unnecessary, just ask the Q. This Q is general EOP format information, not 55.43(b)5. Closer to 55.43(b)2 or 55.41(b)10 (Just asked the question and changed to 55.43(b)2)
S97	F	2										S	
S98	F	3										S	Is this subsequent action required from memory? Yes
S99	F	2										U	55.41(b)13, not .43(b)5 (New question, deemed acceptable for SRO only level)
S100	F	2										S	