The first thirty questions reviewed in-depth; all other questions reviewed.

0,11	1.	2.	3. Psychometric Flaws						4. Job Content Flaws				5. Other		7.
Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia		Back- ward				Explanation
1N	F	2													If taught this way in class, then memory, otherwise, higher. Taught this way in class.
2N	Н	2												Е	Distractor a. uses re-open without first closing the valve. Ok as-is.
3N	F	2										~		₩S	K/A calls for lube oil system interlocks, question deals with an annunciator interlock. Annunciator deals w/lube oil pressure interlock.
4B	Н	2												E	Grammar in distractor d. needs to be cleaned up: "after a 107 seconds. Fixed.

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).
- 4. 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.
- 5. <u>Check questions that are sampled</u> for conformance with the approved K/A and those that are designated SRO-only (K/A and license level mismatches are unacceptable).
- 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).

<u> </u>	1.	2.	;	3. Psyc	hometr	ic Flaws	3	4.	Job Cont	ent Fla	aws	5. C	ther	6.	7.
Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
5N	F	2												U	Distractors c. and d. are not plausible. Replaced question selected new K/A - 211000K402, changed to Higher skill.
6N	Н	2.5												S	
7N	Н	2.5												S	
8M	Н	2.5												E	Reference lists no reference provided during exam; should list picture. Added reference to picture.
9B	F	2.5												S	
10B	Н	2.0												S	Check for correct answer during validation Checked reference, answer was correct.
11N	F	2.0												S	
12N	Н	2.5												S	
13B	F	2.0												S	
14N	F	2.5												S	
15B	Н	2.5												S	
16M	Н	2.0												S	
17N	Н	2.5												S	
18B	F	2.5												E S	Rework distractor d. if possible. (non-credible) Distractor (d.) is plausible for Monticello Station, left as-is.
19N	Н	3.0												Е	Front end of distractors is not necessary. Remove. Deleted unnecessary words in the front of distractors.
20N	F	2.0												S	
21N	Н	2.5												S	
22N	Н	2.5												S	
23N	F	2.5												S	Can the other distractors be construed as correct? Reviewed - question is correct as-written. The other distractors are not correct.

	1.	2.	3	B. Psyc	hometr	ic Flaws	;	4.	Job Cont	ent Fla	aws	5. O	ther	6.	7.
Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
24B	Н	2.5												S	Why is a. incorrect (not being shutdown per 3205? (a.) is incorrect because of the requirements in 3205.
25N	Н	2.5												S	
26N	Н	2.0												S	
27N	Н	2.0												S	
28N	F	2.5												E	Verify true above/below low power setpoint. True under all cases, but added power level.
29N	Н	2.5												E	Uncapitalize Initially - distractor d. Corrected.
30B	Н	2.5												E	Suggest changing distractor b. to "moves to position 02 and no alarms present" <i>Made change to distractor (b.).</i>
31B	Н	2.0												S	
32M	F	2.0												S	
33N	Н	2.5												S	
34N	Н	2.0												S	
35N	F	2.0												S	
36N	Н	2.5												Е	Distractor d. is also correct, may need modification. Distractor d. was not correct, however, modified to ensure no contention.
37N	н	2.5												Е	Stem needs to be reworded (verb-tense error) Should specify 12 RFP amps in the second part of the stem. Reworked stem.
38M	Н	2.5												S	
39N	Н	2.0												Е	Justifications are not correct. Justifications corrected.
40B	F	2.0												S	
41N	F	2.0												S	
42N	F	2.0												S	

0,11	1.	2.	3	3. Psyc	hometr	ic Flaws	3	4.	Job Cont	ent Fla	aws	5. C	ther	6.	7.
Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
43M	F	2.0												Ø	ROs have to recognize entry conditions, not provide actions. What is thought process? May be SRO Only question. Discussed w/utility - not SRO only at Monticello.
44B	F	2.0												₩S	This should be a higher skill question. Also, as written there are multiple correct answers. A time limitation should be used to eliminate the extra correct answers. Material is required to be memorized at Monticello, other answers are not correct as written.
45N	F	2.5												S	
46N	Н	2.0												s	
47M	Н	2.5												E	Tsat for 35 psia is 259.29, not 258, making 116 incorrect - fix calcs. Station tried to interpolate to get answer, inserting math error. Change made.
48M	F	2.0												Е	The stem of the question is difficult to understand, suggest reworking. Moved material to a bullet in plant conditions to make question more readable.
49B	Н	2.5												S	
50B	F,	2.0												S	
51B	F	2.0												E	The stem may not elicit the desired answer. See if we can modify. Modified.
52M	Н	2.5												S	
53N	F	2.5												S	
54N	Н	2.5												S	
55N	F	2.0												S	
56N	Н	2.0												S	
57N	F	2.0												S	
58M	Н	2.0												S	
59N	Н	2.0												S	

0,11	1.	2.	3	3. Psyc	hometr	ic Flaws	5	4.	Job Cont	ent Fl	aws	5. C	ther	6.	7.
Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
60B	Н	2.0												S	
61B	F	2.0												S	
62N	F	2.0												S	
63N	Н	2.5												S	
64N	Н	2.5												S	
65B	F	2.0												S	
66N	F	2.5												S	
67B	Н	2.5												₩S	Verify direct look-up. Determine responsibility at station. Verified, not a direct look-up, RO has to perform. Acceptable as-is.
68N	F	2.0												S	
69N	F	2.5												S	
70N	F	2.0												S	
71N	Н	2.5												S	
72M	Н	2.5												S	
73N	Н	2.5												S	
74N	н	2.5												S	Unable to verify the provided answer is correct. Resolve during on-site validation. All four distractor were listed as correct in the justification. <i>Verified correct answer</i> .
75B	F	2.0												S	
76N	F	2.5											~	S	
77N	Н	2.5											~	E	Distractor (d.) is not plausible. Remove startup & refuel. Replaced.
78N	Н	2.5											~	S	Explain why in better detail distractor c. is incorrect (insert control rods). Monticello will take other action, but not insert control rods - scram first.
79N	Н	2.5											~	₩S	SRO Only? Verified to be SRO Only at Monticello.

<u> </u>	1.	2.	;	3. Psyc	hometr	ic Flaws	3	4.	Job Cont	ent Fla	aws	5. C	ther	6.	7.
Q#	LOK (F/H)	LOD (1-5)	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia	#/ units	Back- ward	Q= K/A	SRO Only	U/E/S	Explanation
80N	F	3.0										٧	~	₩S	The question does not determine the impact on the DC System. The location of the equipment will impact DC System. Acceptable as written.
81M	Н	3.0										٧	~	₽S	K/A calls for actions after exceeding thermal limits, questions asks how to keep within thermal limits. With power @ 615 MWe, Rx power is already above thermal limits. Operator has to determine limits exceeded.
82B	Н	3.0											~	S	
83N	F	2.5											~	S	
84N	Н	2.5											~	⊎S	SRO Only? SRO only responsibility at Monticello.
85N	F	2.0											~	S	
86N	Н	2.0											~	S	
87N	Н	2.0											~	S	
88N	Н	3.5											~	S	
89N	Н	2.0											~	⊎S	Direct look-up if flow charts are provided. Although material is in flow charts, significant evaluation is required to determine which step is correct, and what leg of chart is being evaluated.
90N	Н	2.5											~	S	Verify no direct look-up exists in flow charts. Verified.
91N	Н	2.5											~	S	
92M	Н	2.5											~	S	
93N	F	2.0											~	U	Not SRO Only. ROs would be expected to know this definition. Replaced question, selected a new K/A - 295020 2.4.30
94N	F	2.0											~	S	
95N	Н	2.5											~	S	Verify at station this is not a direct look-up from tech specs. Not a direct look-up at Monticello Station
96B	Н	2.0											~	s	
97M	Н	2.5											~	S	

0,11	1.	2.	3	B. Psyc	hometr	ic Flaws	3	4. Job Content Flaws				5. Other		6.	7.
Q#	LOK (F/H)	\ - /	Stem Focus	Cues	T/F	Cred. Dist.	Partial	Job- Link	Minutia		Back- ward			U/E/S	Explanation
98N	F	2.5											~	S	
99N	F	2.0											>	S	
100N	Н	2.5											٧	S	Verify at the station this is not a direct look-up from the EOPs. Not a direct look-up at MNGS.