

Questions asked and responses given during administration of
Salem Class 11-01 NRC Written Exam 12/3/12

0810	Exam starts		
0817	I1	Q6	My answer is sloppy on answer sheet. Should I line it out? Told him yes.
0818	R01	Q6	Unit 1 is in stem. All choices are Unit 2. Shoulds stem say Unit 2? Told him yes, and put info on whiteboard. Annotated Master Copy of Exam.
0850	R02	Q27	Is the rad monitor requirement for either channel to shift to adverse? Told him to re-read the question.
0858	I2	Q20	Choice D nomenclature is wrong. 22SJ49 is not a x-conn valve. Should be RHR Discharge to Cold Legs. Agreed. Put change in nomenclature on whiteboard. Annotated Master Copy of Exam.
0925	I4	Q34	Does the leak location mean all air is lost to the RH18? Told him to re-read the question.
0936	I2	Q29	Said he didn't understand choice a because he thought it should say something else. Told him to re-read the question.
1015	I2	Q45	Asked if Choice C mattered whether it was in low speed or high speed. Told him to re-read the question.
1045	R02	Q45	With 2B SEC failing to actuate, will 2B vital bus be energized by operators? Told him that logical progression of operator actions based on conditions in the stem should be assumed to take place.
1144	I4	SRO18	does last word of question "in" really mean "IAW? Told him yes. (Note: Because operators are "in" FRCE at the time, which says to operate CS pumps as directed by LOCA-5.)
1145	I2	Q27	Said he wasn't sure what minimum meant. Told him minimum meant minimum.
1155	R01	Q35	Is there operator action? Told him that logical progression of operator actions based on conditions in the stem should be assumed to take place.
1245	I1	SRO18	does last word of question "in" really mean "IAW? Told him yes. (Note: Because operators are "in" FRCE at the time, which says to operate CS pumps as directed by LOCA-5.)
1330	I2	SRO8	Said there was no RCS temperature in stem and he needed it to determine if subcooling was present. Told him conditions in the stem were sufficient to answer the question.

Salem 08-01 NRC Written Exam Seating Chart 5-17-10

	Proctor				
R02		←4→	I1		R04
	↕		↕	←5'→	
	I4	←4→		R01	
	↕		↕	←5'→	
		←4→	I3		R05
	↕		↕	←5'→	
	I2	←4→		R03	

Post Examination Test Item Analysis

Lesson Plan / Course: Salem 11-01 ILOT

Examination No./ Title: Salem 11-01 NRC Exam

Check the results of the examination.

- ☐ Small class (≤ 6) and some questions were missed by three (3) or more trainees. Analysis required for these questions.
- ☒ Large class (> 6) and some questions were missed by more than 30% of the class. Analysis required for these questions.
- ☐ Analysis of questions requested by individual.
- ☐ None of the above apply and no further analysis is necessary.

If an analysis is to be performed, list the question number(s) on the worksheet and review each using the following guidelines. Record the results on the worksheet.

1. Review each question to ensure it is worded clearly and is not ambiguous. Ensure that it is properly constructed. Refer to TQ-AA-210-2302, "Test Item Design and Approval Job Aid".
2. Review each question to ensure that it ties properly to the learning objectives' condition, performance, and standard.
3. Review each question to ensure that it is technically accurate.
4. Review each question to ensure that adequate material was presented to allow for achievement of the associated learning objective.

Determine if action is required for problem questions (e.g. delete from examination bank; revise question, revise lesson plan, etc.). When action is required, ensure a request is initiated, per the Training Management System, for documentation and tracking purposes.

Completed By: <u>Blauding</u>	Date: <u>12/4/12</u>
Request Tracking Number(s): <u>80102847-0480</u>	
Answer Key Change / Examination Re-grade Authorized by: <u>N/A</u> Group Lead	
Comments: <u>Operation 480 includes instructions to NOT place new questions in Vision. RO Q31, ROQ51, and SRO Q2 for 11-01 NRC Exam.</u>	

QUESTION ANALYSIS WORKSHEET

Question Number	Construction OK? (Y - N)	Objective Based? (Y - N)	Technically Accurate? (Y - N)	LP Content Acceptable? (Y - N)	Change Needed? (Y - N)
R07	Y	Y	Y	Y	N
R09	Y	Y	Y	Y	N
R015	Y	Y	Y	Y	N
R018	Y	Y	Y	Y	N
R020	Y	Y	Y	Y	N
R029	Y	Y	Y	Y	N
R031	Y	Y	N	Y	Y
R034	Y	Y	Y	Y	N
R051	Y	Y	N	Y	Y
R056	Y	Y	Y	Y	N
R058	Y	Y	Y	Y	N
R059	Y	Y	Y	Y	N
R060	Y	Y	Y	Y	N
R064	Y	Y	Y	Y	N
R065	Y	Y	Y	Y	N
R067	Y	Y	Y	Y	N
SR02	Y	Y	N	Y	Y
SR010	Y	Y	Y	Y	N
SR014	Y	Y	Y	Y	N
SR017	Y	Y	Y	Y	N

Reactor Operator Answer Key

- | | |
|-------|-------|
| 1. d | 26. d |
| 2. d | 27. a |
| 3. b | 28. b |
| 4. c | 29. c |
| 5. c | 30. c |
| 6. a | 31. a |
| 7. d | 32. d |
| 8. b | 33. d |
| 9. b | 34. a |
| 10. c | 35. c |
| 11. c | 36. a |
| 12. a | 37. a |
| 13. d | 38. d |
| 14. c | 39. a |
| 15. c | 40. b |
| 16. a | 41. a |
| 17. b | 42. d |
| 18. a | 43. b |
| 19. b | 44. a |
| 20. d | 45. c |
| 21. c | 46. b |
| 22. d | 47. d |
| 23. b | 48. c |
| 24. d | 49. d |
| 25. b | 50. b |

Reactor Operator Answer Key

51. b

52. c

53. c

54. d

55. b

56. a

57. a

58. d

59. c

60. b

61. c

62. c

63. a

64. d

65. c

66. c

67. c

68. b

69. c

70. a

71. a

72. b

73. b

74. d

75. d

Senior Reactor Operator Answer Key

1. b
2. c
3. b
4. d
5. d
6. c
7. c
8. d
9. b
10. b
11. a
12. a
13. d
14. b
15. d
16. c
17. a
18. c
19. a
20. d
21. d
22. c
23. b
24. c
25. a