



Entergy Operations Inc.
7003 Bald Hill Road
Port Gibson, MS 39150

November 7, 2022

Clyde Osterholtz, Chief Examiner
U.S. Nuclear Regulatory Commission, Region IV
1600 East Lamar Blvd
Arlington, TX 76011-4511

SUBJECT: NRC INITIAL WRITTEN EXAMINATION ANALYSIS

GEXO: 2022/0023

Dear Mr. Osterholtz,

Enclosed is the NRC Initial Examination Analysis for the Initial License Written Examination administered on October 17, 2022.

The following is included with this letter:

- Master examination(s) and answer key(s), annotated to indicate any changes made while administering AND grading the examination(s)
- Results of any written exam performance analysis that was performed, with recommended substantive changes

Please contact Steve Reeves or Mickey Ellis at (601) 437-2255 if you have any questions or need any further materials.

Sincerely,



JAMES BYRD FOR JAYSON KRYSKA

Jayson Kryska
Manager, Training & Development
Grand Gulf Nuclear Station

Exam Item Analysis Report

Exams Graded: 4

Instructor:	Total Possible: 75	Class Average: 66.75 - 89.00%
Exam Name:	Highest Score: 70 - 93.33%	Class Median: 66.0 - 88.00%
Exam Date: Monday, October 31, 2022	Lowest Score: 64 - 85.33%	KR20: 0.108

Correct answers are shown in bold and italics					Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 1	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>			0.00	4, 100.0%	0.0%
Q 2	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 3	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 4	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 5	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 6	<i>A (0, 0.0%)</i>	B (1, 25.0%)	C (1, 25.0%)	D (2, 50.0%)			0.00	0, 0.0%	100.0%
Q 7	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 8	A (1, 25.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (3, 75.0%)</i>			-0.91	3, 75.0%	25.0%
Q 9	A (1, 25.0%)	B (0, 0.0%)	<i>C (3, 75.0%)</i>	D (0, 0.0%)			0.62	3, 75.0%	25.0%
Q 10	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 11	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 12	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 13	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 14	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 15	A (0, 0.0%)	B (1, 25.0%)	C (0, 0.0%)	<i>D (3, 75.0%)</i>			-0.26	3, 75.0%	25.0%
Q 16	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 17	A (0, 0.0%)	B (0, 0.0%)	<i>C (3, 75.0%)</i>	D (1, 25.0%)			0.62	3, 75.0%	25.0%
Q 18	A (0, 0.0%)	<i>B (2, 50.0%)</i>	C (0, 0.0%)	D (2, 50.0%)			-0.70	2, 50.0%	50.0%
Q 19	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 20	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 21	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 22	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 23	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 24	A (0, 0.0%)	B (1, 25.0%)	C (0, 0.0%)	<i>D (3, 75.0%)</i>			0.62	3, 75.0%	25.0%
Q 25	<i>A (3, 75.0%)</i>	B (0, 0.0%)	C (1, 25.0%)	D (0, 0.0%)			0.62	3, 75.0%	25.0%
Q 26	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 27	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%

Exam Item Analysis Report

Exams Graded: 4

Instructor:
Exam Name:
Exam Date: Monday, October 31, 2022

Total Possible: 75
Highest Score: 70 - 93.33%
Lowest Score: 64 - 85.33%

Class Average: 66.75 - 89.00%
Class Median: 66.0 - 88.00%
KR20: 0.108

Correct answers are shown in bold and italics				Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 28	A (0, 0.0%)	B (0, 0.0%)	C (1, 25.0%)	<i>D (3, 75.0%)</i>		0.00	3, 75.0%	<div><div></div></div> 25.0%
Q 29	A (1, 25.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (3, 75.0%)</i>		0.62	3, 75.0%	<div><div></div></div> 25.0%
Q 30	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 31	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 32	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 33	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 34	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 35	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 36	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 37	A (0, 0.0%)	B (0, 0.0%)	C (1, 25.0%)	<i>D (3, 75.0%)</i>		0.62	3, 75.0%	<div><div></div></div> 25.0%
Q 38	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 39	<i>A (3, 75.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (1, 25.0%)		-0.91	3, 75.0%	<div><div></div></div> 25.0%
Q 40	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 41	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 42	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 43	A (1, 25.0%)	B (0, 0.0%)	<i>C (3, 75.0%)</i>	D (0, 0.0%)		-0.26	3, 75.0%	<div><div></div></div> 25.0%
Q 44	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 45	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 46	A (0, 0.0%)	B (0, 0.0%)	C (1, 25.0%)	<i>D (3, 75.0%)</i>		0.00	3, 75.0%	<div><div></div></div> 25.0%
Q 47	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 48	A (1, 25.0%)	B (0, 0.0%)	<i>C (3, 75.0%)</i>	D (0, 0.0%)		-0.91	3, 75.0%	<div><div></div></div> 25.0%
Q 49	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 50	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 51	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 52	<i>A (3, 75.0%)</i>	B (1, 25.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	3, 75.0%	<div><div></div></div> 25.0%
Q 53	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>		0.00	4, 100.0%	<div><div></div></div> 0.0%
Q 54	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>		0.00	4, 100.0%	<div><div></div></div> 0.0%

Exam Item Analysis Report

Exams Graded: 4

Instructor:	Total Possible: 75	Class Average: 66.75 - 89.00%
Exam Name:	Highest Score: 70 - 93.33%	Class Median: 66.0 - 88.00%
Exam Date: Monday, October 31, 2022	Lowest Score: 64 - 85.33%	KR20: 0.108

Correct answers are shown in bold and italics					Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 55	A (3, 75.0%)	B (0, 0.0%)	<i>C (1, 25.0%)</i>	D (0, 0.0%)			0.80	1, 25.0%	75.0%
Q 56	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 57	<i>A (2, 50.0%)</i>	B (2, 50.0%)	C (0, 0.0%)	D (0, 0.0%)			-0.12	2, 50.0%	50.0%
Q 58	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 59	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>			0.00	4, 100.0%	0.0%
Q 60	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 61	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 62	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>			0.00	4, 100.0%	0.0%
Q 63	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 64	<i>A (3, 75.0%)</i>	B (0, 0.0%)	C (1, 25.0%)	D (0, 0.0%)			-0.26	3, 75.0%	25.0%
Q 65	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 66	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>			0.00	4, 100.0%	0.0%
Q 67	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 68	A (0, 0.0%)	B (0, 0.0%)	<i>C (1, 25.0%)</i>	D (3, 75.0%)			0.80	1, 25.0%	75.0%
Q 69	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 70	A (1, 25.0%)	B (0, 0.0%)	C (1, 25.0%)	<i>D (2, 50.0%)</i>			0.39	2, 50.0%	50.0%
Q 71	A (0, 0.0%)	B (0, 0.0%)	<i>C (4, 100.0%)</i>	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 72	<i>A (4, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 73	A (0, 0.0%)	<i>B (4, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	4, 100.0%	0.0%
Q 74	A (1, 25.0%)	B (1, 25.0%)	<i>C (2, 50.0%)</i>	D (0, 0.0%)			0.70	2, 50.0%	50.0%
Q 75	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (4, 100.0%)</i>			0.00	4, 100.0%	0.0%

Exam Item Analysis Report

Exams Graded: 8

Instructor:	Total Possible: 100	Class Average: 87.75 - 87.75%
Exam Name:	Highest Score: 95 - 95.00%	Class Median: 86.0 - 86.00%
Exam Date: Monday, October 31, 2022	Lowest Score: 83 - 83.00%	KR20: 0.420

Correct answers are shown in bold and italics					Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 1	A (0, 0.0%)	B (0, 0.0%)	C (1, 12.5%)	<i>D (7, 87.5%)</i>			0.10	7, 87.5%	<div><div></div></div> 12.5%
Q 2	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 3	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 4	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 5	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 6	<i>A (7, 87.5%)</i>	B (0, 0.0%)	C (1, 12.5%)	D (0, 0.0%)			-0.01	7, 87.5%	<div><div></div></div> 12.5%
Q 7	A (0, 0.0%)	<i>B (6, 75.0%)</i>	C (0, 0.0%)	D (2, 25.0%)			0.17	6, 75.0%	<div><div></div></div> 25.0%
Q 8	A (0, 0.0%)	B (0, 0.0%)	C (4, 50.0%)	<i>D (4, 50.0%)</i>			0.07	4, 50.0%	<div><div></div></div> 50.0%
Q 9	A (4, 50.0%)	B (0, 0.0%)	<i>C (4, 50.0%)</i>	D (0, 0.0%)			0.31	4, 50.0%	<div><div></div></div> 50.0%
Q 10	<i>A (7, 87.5%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (1, 12.5%)			-0.43	7, 87.5%	<div><div></div></div> 12.5%
Q 11	<i>A (6, 75.0%)</i>	B (0, 0.0%)	C (2, 25.0%)	D (0, 0.0%)			0.35	6, 75.0%	<div><div></div></div> 25.0%
Q 12	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 13	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 14	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 15	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 16	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 17	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 18	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 19	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 20	<i>A (7, 87.5%)</i>	B (1, 12.5%)	C (0, 0.0%)	D (0, 0.0%)			0.44	7, 87.5%	<div><div></div></div> 12.5%
Q 21	<i>A (7, 87.5%)</i>	B (0, 0.0%)	C (1, 12.5%)	D (0, 0.0%)			-0.12	7, 87.5%	<div><div></div></div> 12.5%
Q 22	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 23	A (0, 0.0%)	<i>B (7, 87.5%)</i>	C (1, 12.5%)	D (0, 0.0%)			0.10	7, 87.5%	<div><div></div></div> 12.5%
Q 24	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 25	<i>A (6, 75.0%)</i>	B (0, 0.0%)	C (2, 25.0%)	D (0, 0.0%)			0.45	6, 75.0%	<div><div></div></div> 25.0%
Q 26	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 27	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%

Exam Item Analysis Report

Exams Graded: 8

Instructor:	Total Possible:	100	Class Average:	87.75 - 87.75%
Exam Name:	Highest Score:	95 - 95.00%	Class Median:	86.0 - 86.00%
Exam Date: Monday, October 31, 2022	Lowest Score:	83 - 83.00%	KR20:	0.420

Correct answers are shown in bold and italics				Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 28	A (0, 0.0%)	B (0, 0.0%)	C (5, 62.5%)	<i>D (3, 37.5%)</i>		0.22	3, 37.5%	62.5%
Q 29	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>		0.00	8, 100.0%	0.0%
Q 30	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 31	A (1, 12.5%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (7, 87.5%)</i>		0.10	7, 87.5%	12.5%
Q 32	A (0, 0.0%)	<i>B (7, 87.5%)</i>	C (1, 12.5%)	D (0, 0.0%)		-0.43	7, 87.5%	12.5%
Q 33	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 34	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 35	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 36	A (0, 0.0%)	B (0, 0.0%)	<i>C (6, 75.0%)</i>	D (2, 25.0%)		0.45	6, 75.0%	25.0%
Q 37	A (1, 12.5%)	B (1, 12.5%)	C (3, 37.5%)	<i>D (3, 37.5%)</i>		0.56	3, 37.5%	62.5%
Q 38	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 39	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 40	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 41	A (1, 12.5%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (7, 87.5%)</i>		0.10	7, 87.5%	12.5%
Q 42	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 43	A (3, 37.5%)	B (0, 0.0%)	<i>C (5, 62.5%)</i>	D (0, 0.0%)		0.52	5, 62.5%	37.5%
Q 44	<i>A (7, 87.5%)</i>	B (0, 0.0%)	C (1, 12.5%)	D (0, 0.0%)		0.10	7, 87.5%	12.5%
Q 45	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 46	A (0, 0.0%)	B (0, 0.0%)	C (2, 25.0%)	<i>D (6, 75.0%)</i>		0.45	6, 75.0%	25.0%
Q 47	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>		0.00	8, 100.0%	0.0%
Q 48	A (3, 37.5%)	B (2, 25.0%)	<i>C (3, 37.5%)</i>	D (0, 0.0%)		-0.08	3, 37.5%	62.5%
Q 49	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 50	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 51	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)		0.00	8, 100.0%	0.0%
Q 52	<i>A (6, 75.0%)</i>	B (2, 25.0%)	C (0, 0.0%)	D (0, 0.0%)		0.09	6, 75.0%	25.0%
Q 53	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>		0.00	8, 100.0%	0.0%
Q 54	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>		0.00	8, 100.0%	0.0%

Exam Item Analysis Report

Exams Graded: 8

Instructor:	Total Possible:	100	Class Average:	87.75 - 87.75%
Exam Name:	Highest Score:	95 - 95.00%	Class Median:	86.0 - 86.00%
Exam Date: Monday, October 31, 2022	Lowest Score:	83 - 83.00%	KR20:	0.420

Correct answers are shown in bold and italics					Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 55	A (2, 25.0%)	B (0, 0.0%)	<i>C (5, 62.5%)</i>	D (1, 12.5%)			0.35	5, 62.5%	<div><div></div></div> 37.5%
Q 56	<i>A (6, 75.0%)</i>	B (1, 12.5%)	C (0, 0.0%)	D (1, 12.5%)			0.17	6, 75.0%	<div><div></div></div> 25.0%
Q 57	<i>A (5, 62.5%)</i>	B (2, 25.0%)	C (1, 12.5%)	D (0, 0.0%)			-0.40	5, 62.5%	<div><div></div></div> 37.5%
Q 58	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 59	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 60	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 61	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 62	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 63	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 64	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 65	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 66	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 67	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 68	A (0, 0.0%)	B (0, 0.0%)	<i>C (2, 25.0%)</i>	D (6, 75.0%)			-0.24	2, 25.0%	<div><div></div></div> 75.0%
Q 69	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 70	A (1, 12.5%)	B (0, 0.0%)	C (4, 50.0%)	<i>D (3, 37.5%)</i>			-0.01	3, 37.5%	<div><div></div></div> 62.5%
Q 71	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 72	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 73	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 74	A (0, 0.0%)	B (1, 12.5%)	<i>C (7, 87.5%)</i>	D (0, 0.0%)			0.10	7, 87.5%	<div><div></div></div> 12.5%
Q 75	A (0, 0.0%)	B (0, 0.0%)	C (1, 12.5%)	<i>D (7, 87.5%)</i>			0.44	7, 87.5%	<div><div></div></div> 12.5%
Q 76	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 77	A (0, 0.0%)	<i>B (6, 75.0%)</i>	C (0, 0.0%)	D (2, 25.0%)			0.17	6, 75.0%	<div><div></div></div> 25.0%
Q 78	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 79	A (1, 12.5%)	B (2, 25.0%)	<i>C (4, 50.0%)</i>	D (1, 12.5%)			0.15	4, 50.0%	<div><div></div></div> 50.0%
Q 80	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 81	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%

Exam Item Analysis Report

Exams Graded: 8

Instructor:	Total Possible: 100	Class Average: 87.75 - 87.75%
Exam Name:	Highest Score: 95 - 95.00%	Class Median: 86.0 - 86.00%
Exam Date: Monday, October 31, 2022	Lowest Score: 83 - 83.00%	KR20: 0.420

Correct answers are shown in bold and italics					Blanks	Multiples	Point Biserial	Correct	Percent Incorrect
Q 82	A (0, 0.0%)	B (0, 0.0%)	<i>C (5, 62.5%)</i>	D (3, 37.5%)			-0.53	5, 62.5%	<div><div></div></div> 37.5%
Q 83	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 84	A (1, 12.5%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (7, 87.5%)</i>			0.10	7, 87.5%	<div><div></div></div> 12.5%
Q 85	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 86	<i>A (7, 87.5%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (1, 12.5%)			-0.12	7, 87.5%	<div><div></div></div> 12.5%
Q 87	A (0, 0.0%)	B (0, 0.0%)	C (3, 37.5%)	<i>D (5, 62.5%)</i>			0.26	5, 62.5%	<div><div></div></div> 37.5%
Q 88	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 89	A (1, 12.5%)	<i>B (2, 25.0%)</i>	C (4, 50.0%)	D (1, 12.5%)			-0.62	2, 25.0%	<div><div></div></div> 75.0%
Q 90	A (0, 0.0%)	B (0, 0.0%)	<i>C (5, 62.5%)</i>	D (3, 37.5%)			0.26	5, 62.5%	<div><div></div></div> 37.5%
Q 91	A (0, 0.0%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (8, 100.0%)</i>			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 92	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 93	A (1, 12.5%)	<i>B (4, 50.0%)</i>	C (3, 37.5%)	D (0, 0.0%)			-0.07	4, 50.0%	<div><div></div></div> 50.0%
Q 94	A (0, 0.0%)	<i>B (8, 100.0%)</i>	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 95	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 96	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 97	A (0, 0.0%)	B (1, 12.5%)	C (0, 0.0%)	<i>D (7, 87.5%)</i>			0.44	7, 87.5%	<div><div></div></div> 12.5%
Q 98	A (0, 0.0%)	B (0, 0.0%)	<i>C (8, 100.0%)</i>	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%
Q 99	A (1, 12.5%)	B (0, 0.0%)	C (0, 0.0%)	<i>D (7, 87.5%)</i>			-0.12	7, 87.5%	<div><div></div></div> 12.5%
Q 100	<i>A (8, 100.0%)</i>	B (0, 0.0%)	C (0, 0.0%)	D (0, 0.0%)			0.00	8, 100.0%	<div><div></div></div> 0.0%

2022 NRC ILT GFE Tier 4 Question Analysis

Question #	Content	SRO miss	RO miss	Total miss	% miss
70	Neutron Generation time, KA 292001 K1.07	5 / 8	2 / 4	7 / 12	58%
71	Xe135 effect on flux shape 292006 K1.08	0 / 8	0 / 4	0 / 12	0%
72	Reason for burnable poisons 292007 K1.02	0 / 8	0 / 4	0 / 12	0%
73	Effects on Condensate Depression 293004 K1.12	0 / 8	0 / 4	0 / 12	0%
74	Reason for having Reactor Recirc 293008 K1.25	1 / 8	2 / 4	3 / 12	25%
75	Effects on Embrittlement 293010 K1.05	1 / 8	0 / 4	1 / 12	8%

10-2022 NRC Exam Analysis

> or = 50% miss

Question 28 50% (6/12)

Question was testing the knowledge of proper way to control RPV water temperature using shutdown cooling.

The applicant should have the knowledge of correct valve lineup when starting RHR in Shutdown cooling. The heat exchanger outlet valve F003 will be FULL CLOSED and the heat exchanger bypass valve F048 will be FULL OPEN. After the system is started the RO will throttle OPEN the F003 to allow some water to flow through the heat exchanger, once the F003 reaches FULL OPEN then the F048 will be throttled CLOSED to force more flow through the heat exchanger.

Question was discussed with applicants during exam review and the students agreed confused on lineup. No action required.

Question and answers stand as is.

Question 37 50% (6/12)

Question was testing the knowledge of the RCIC system flow / turbine speed controller with a loss of the flow feed back signal.

With the given information the applicant should be able to determine that a failure of the flow feedback signal to the RCIC flow controller will cause the controller to see 0 flow and generate an output to raise the speed of the turbine until the desired setpoint of flow is reached. This will cause the RCIC pump to raise flow to the RPV and RPV water level will rise.

Question was discussed with applicants during exam review.

Question and answers stand as is.

Question 48 50% (6/12)

Question was testing the knowledge of a loss of instrument air effects on the heater drain system.

Per the loss of instrument air ONEP, these valves are listed and the effects are given.

Question was discussed with applicants during exam review and applicants stated just didn't know. Applicants agreed with and no comments were given.

Question and answers stand as is.

Question 55 50% (6/12)

Question was testing the knowledge of Reactor Recirc indications with a Jet Pump rams head failure.

With the given information the applicant should be able to determine the correct indications when a jet pump fails.

Question was discussed with applicants during exam review no comments were given.

Question and answers stand as is.

Question 68 75% (9/12)

Question was testing the knowledge of entry requirement of a Locked High Rad Area.

With the given information the applicant should be able to determine the required approval to enter a LHRA.

Question was discussed with applicants using procedure pages and discussed the difference with a Very High Rad Area.

Question and answers stand as is.

Question 70 58% (7/12)

Question was testing the knowledge of Neutron life cycle.

With the given information the applicant should be able to determine the definition of a neutron generation time.

Question was discussed with applicants using GFE material and no comments were given.

Question and answers stand as is.

Question 79 50% (4/8)

Question was testing the knowledge of ONEP subsequent actions to direct a plant shutdown with low plant air pressure.

With the given information the applicant should be able to determine the instrument air pressure where the SRO directs a plant shutdown.

Question was discussed with applicants using Loss of Instrument Air ONEP, 05-1-02-V-9 and no comments were given.

Question and answers stand as is.

Question 89 75% (6/8)

Question was testing the knowledge of Tech Spec battery room temperature.

With the given information the applicant should be able to determine the battery room temperature at which the batteries will be declared INOP.

Question was discussed with applicants using Tech Specs and no comments were given.

Question and answers stand as is.

Question 93 50% (4/8)

Question was testing the knowledge of Emergency Preparedness procedures.

With the given information the applicant should be able to determine with a loss of ventilation within the TSC, where is the backup TSC located.

Question was discussed with applicants using Emergency Preparedness procedures and no comments were given.

Question and answers stand as is.

WT-WTGGN-2021-00067 CA-77 was written to perform an analysis on training materials to ensure complete and correct.