

U.S. Nuclear Regulatory Commission

Site-Specific SRO Written Examination

Applicant Information

Name:

Date: 12/15/15

Facility/Unit: Brunswick / Units 1 & 2

Region: I ☐ II ☒ III ☐ IV ☐Reactor Type: W ☐ CE ☐ BW ☐ GE ☒

Start Time:

Finish Time:

Instructions

Use the answer sheets provided to document your answers. Staple this cover sheet on top of the answer sheets. To pass the examination you must achieve a final grade of at least 80.00 percent overall, with 70.00 percent or better on the SRO-only items if given in conjunction with the RO exam; SRO-only exams given alone require a final grade of 80.00 percent to pass. You have 8 hours to complete the combined examination, and 3 hours if you are only taking the SRO portion.

Applicant Certification

All work done on this examination is my own. I have neither given nor received aid.

Applicant's Signature

Results

RO/SRO-Only/Total Examination Values *100* 75 / 25 / 100 Points *1/07/16* *24* *99* *1/7/2016*

Applicant's Scores

100 73 / 27 / 100 Points *5/11/2016* *98* *3/31/2016*
97 *100* *5/11/2016*

Applicant's Grade

____ / ____ / ____ Percent

*100 3/31/2016 changed
due to appeal
97- RO appeal 5/11/2016
deleted 1 RO question*

47. An unmonitored release from the Reactor Building is in progress and a hard copy Emergency Notification Form (ENF) is being completed IAW PEP-2.6.21, Emergency Communicator.

The following Met Tower Data is provided by the Process Computer:

Ambient Temp:	80 Deg F.
Upper Wind Direction:	18.00 Deg
Lower Wind Direction:	15.00 Deg
Upper Wind Speed:	8.00 MPH
Lower Wind Speed:	4.00 MPH
Stability Class:	D

Which one of the following completes both statements below?

The Wind Direction provided means that the wind is blowing (1) the degree of direction.

When completing a hard copy ENF, (2) wind speed and direction should be used IAW Attachment 3, Guidance for Completion of ENF.

- A. (1) to
(2) lower
- B. (1) to
(2) upper
- C. (1) from
(2) lower
- D. (1) from
(2) upper

Ans selected per RO approval 7/5/11/2016

83. Unit One is in Mode 3, performing a reactor shutdown IAW GP-05, Unit Shutdown, in preparation for a refueling outage.

Which one of the following completes both statements below?

IAW TS 3.4.9, RCS Pressure and Temperature Limits, the maximum cooldown rate is limited to (1) change in any one hour period.

If the cooldown rate is exceeded, the NRC (2) required to be notified IAW 10 CFR 50.72, Immediate Notification Requirements for Operating Nuclear Power Reactors.

- A. (1) 50°F
(2) is
- B. (1) 50°F
(2) is NOT
- C. (1) 100°F
(2) is
- D. (1) 100°F
(2) is NOT

pas

Deleted per Approval 3/31/2014

Brunswick 2015 NRC SRO Exam Answer Key

Answers

#	ID	0
1	201001 1	C
2	201002 1	D C RSB 1/7/2016
3	201003 1	B
4	203000 1	A
5	204000 1	B
6	205000 1	D
7	205000 2	C
8	206000 1	C
9	209001 1	D
10	211000 1	C
11	212000 1	D
12	215002 1	A
13	215003 1	A
14	215004 1	A
15	215005 1	C
16	217000 1	B
17	218000 1	A
18	218000 2	B
19	219000 1	B
20	223002 1	C
21	223002 2	A
22	233000 1	D
23	239002 1	A
24	241000 1	A
25	256000 1	D
26	259002 1	A
27	261000 1	B
28	262001 1	B
29	262002 1	A
30	262002 2	B
31	263000 1	A
32	264000 1	B
33	264000 2	D
34	271000 1	C
35	290002 1	D
36	290003 1	D
37	295001 1	C
38	295003 1	B
39	295004 1	A
40	295005 1	C
41	295006 1	B
42	295007 1	A
43	295008 1	D
44	295010 1	A
45	295014 1	D
46	295016 1	B
47	295017 1	C
48	295018 1	B
49	295019 1	C

Deleted per RO
appeal
5/11/2016

Answers

#	ID	0
50	295020 1	D
51	295021 1	B
52	295023 1	D
53	295024 1	C
54	295025 2	B
55	295026 1	B
56	295028 1	C
57	295030 1	C
58	295031 1	C
59	295037 1	C
60	295038 1	C
61	300000 1	C
62	400000 1	B
63	500000 1	A
64	600000 1	C
65	700000 1	B
66	CONDUCT OF OPERATION 1	A
67	CONDUCT OF OPERATION 2	C
68	EMERGENCY PROCEDURE 1	A
69	EMERGENCY PROCEDURE 2	C
70	EQUIPMENT CONTROL 1	D
71	EQUIPMENT CONTROL 2	D
72	EQUIPMENT CONTROL 3	C
73	RADIATION CONTROL 1	A
74	RADIATION CONTROL 2	B
75	RADIATION CONTROL 4	D
76	S203000 1	A
77	S209001 1	D
78	S212000 1	D
79	S215001 1	A
80	S217000 1	C
81	S219000 1	A
82	S261000 1	B
83	S290002 1	D
84	S295003 1	B
85	S295015 1	B
86	S295016 1	B
87	S295018 1	C
88	S295021 1	D
89	S295022 1	C
90	S295023 1	D
91	S295031 1	A
92	S295034 1	B
93	S295037 1	A
94	SG2.1.26 1	C
95	SG2.1.42 1	D
96	SG2.2.17 1	B
97	SG2.2.22 1	D
98	SG2.3.6 1	C

deleted R/S 1/7/2016

*deleted R/S 3/31/2016
per approval.*

1/7/2016

Answers

#	ID	0
99	SG2.4.37 1	C
100	SG2.4.46 1	D

Brunswick Steam Electric Plant, Unit Nos. 1 and 2
Renewed Facility Operating License Nos. DPR-71 and DPR-62
Docket Nos. 50-325 and 50-324

Enclosure 3
Graded Written Examinations and Applicants' Answer Sheets

Rec'd
12/22/15