

BRUNSWICK 2010-2 SRO NRC EXAM ANSWER SHEET

NAME: KEY

DATE: 12/20/2010

- | | | | |
|---------------------|---------------------|---------------------|----------------------|
| 1. (A) (B) (C) (D) | 26. (A) (B) (C) (D) | 51. (A) (B) (C) (D) | 76. (A) (B) (C) (D) |
| 2. (A) (B) (C) (D) | 27. (A) (B) (C) (D) | 52. (A) (B) (C) (D) | 77. (A) (B) (C) (D) |
| 3. (A) (B) (C) (D) | 28. (A) (B) (C) (D) | 53. (A) (B) (C) (D) | 78. (A) (B) (C) (D) |
| 4. (A) (B) (C) (D) | 29. (A) (B) (C) (D) | 54. (A) (B) (C) (D) | 79. (A) (B) (C) (D) |
| 5. (A) (B) (C) (D) | 30. (A) (B) (C) (D) | 55. (A) (B) (C) (D) | 80. (A) (B) (C) (D) |
| 6. (A) (B) (C) (D) | 31. (A) (B) (C) (D) | 56. (A) (B) (C) (D) | 81. (A) (B) (C) (D) |
| 7. (A) (B) (C) (D) | 32. (A) (B) (C) (D) | 57. (A) (B) (C) (D) | 82. (A) (B) (C) (D) |
| 8. (A) (B) (C) (D) | 33. (A) (B) (C) (D) | 58. (A) (B) (C) (D) | 83. (A) (B) (C) (D) |
| 9. (A) (B) (C) (D) | 34. (A) (B) (C) (D) | 59. (A) (B) (C) (D) | 84. (A) (B) (C) (D) |
| 10. (A) (B) (C) (D) | 35. (A) (B) (C) (D) | 60. (A) (B) (C) (D) | 85. (A) (B) (C) (D) |
| 11. (A) (B) (C) (D) | 36. (A) (B) (C) (D) | 61. (A) (B) (C) (D) | 86. (A) (B) (C) (D) |
| 12. (A) (B) (C) (D) | 37. (A) (B) (C) (D) | 62. (A) (B) (C) (D) | 87. (A) (B) (C) (D) |
| 13. (A) (B) (C) (D) | 38. (A) (B) (C) (D) | 63. (A) (B) (C) (D) | 88. (A) (B) (C) (D) |
| 14. (A) (B) (C) (D) | 39. (A) (B) (C) (D) | 64. (A) (B) (C) (D) | 89. (A) (B) (C) (D) |
| 15. (A) (B) (C) (D) | 40. (A) (B) (C) (D) | 65. (A) (B) (C) (D) | 90. (A) (B) (C) (D) |
| 16. (A) (B) (C) (D) | 41. (A) (B) (C) (D) | 66. (A) (B) (C) (D) | 91. (A) (B) (C) (D) |
| 17. (A) (B) (C) (D) | 42. (A) (B) (C) (D) | 67. (A) (B) (C) (D) | 92. (A) (B) (C) (D) |
| 18. (A) (B) (C) (D) | 43. (A) (B) (C) (D) | 68. (A) (B) (C) (D) | 93. (A) (B) (C) (D) |
| 19. (A) (B) (C) (D) | 44. (A) (B) (C) (D) | 69. (A) (B) (C) (D) | 94. (A) (B) (C) (D) |
| 20. (A) (B) (C) (D) | 45. (A) (B) (C) (D) | 70. (A) (B) (C) (D) | 95. (A) (B) (C) (D) |
| 21. (A) (B) (C) (D) | 46. (A) (B) (C) (D) | 71. (A) (B) (C) (D) | 96. (A) (B) (C) (D) |
| 22. (A) (B) (C) (D) | 47. (A) (B) (C) (D) | 72. (A) (B) (C) (D) | 97. (A) (B) (C) (D) |
| 23. (A) (B) (C) (D) | 48. (A) (B) (C) (D) | 73. (A) (B) (C) (D) | 98. (A) (B) (C) (D) |
| 24. (A) (B) (C) (D) | 49. (A) (B) (C) (D) | 74. (A) (B) (C) (D) | 99. (A) (B) (C) (D) |
| 25. (A) (B) (C) (D) | 50. (A) (B) (C) (D) | 75. (A) (B) (C) (D) | 100. (A) (B) (C) (D) |



October 18, 2010

DRAFT

SERIAL: BSEP 10-0119

U. S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Luis A. Reyes, Regional Administrator
245 Peachtree Center Ave, NE, Suite 1200
Atlanta, GA 30303-1257

Subject: 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
Operating Test and Written Examination Reference Materials for Licensed
Operator Initial Examination 50-325/2010-302 and 50-324/2010-302

Reference: Letter from Malcolm T. Widmann (NRC) to Michael J. Annacone (CP&L),
"Brunswick Steam Electric Plant – Notification of Licensed Operator Initial
Examination 05000325/2010302 and 05000324/2010302," dated July 22,
2010, ADAMS Accession Number ML102030232

Dear Mr. Reyes:

In accordance with the guidelines in Revision 9, Supplement 1, of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Carolina Power & Light Company (CP&L), now doing business as Progress Energy Carolinas, Inc., is providing the examination reference materials supporting the operating test, which is scheduled to be administered during the weeks of December 6 and December 13, 2010, and the written examination scheduled to be administered during the week of December 20, 2010, respectively.

In accordance with the schedule contained in the NRC's letter dated July 22, 2010, a list of the examination materials is provided in Enclosure 1. Copies of Examiner Standard Forms and Checklists from ES-201 and ES-401 are provided in Enclosure 2. A copy of the written examination is provided in Enclosure 3. Copies of the simulator dynamic scenarios and Job Performance Measures (JPMs) are provided in Enclosure 4. Copies of the reference materials are provided in Enclosure 5 (i.e., on four CD-ROMs).

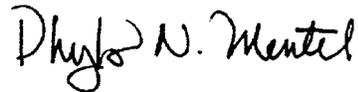
Enclosures 2, 3, 4, and 5 are being provided only to Mr. Phillip Capehart, the assigned NRC chief examiner, with his copy of this letter. In accordance with Revision 9, Supplement 1, of NUREG-1021, Section ES-201, "Initial Operator Licensing Examination Process," please ensure that the examination materials and reference materials are withheld from public disclosure until after the examination is complete.

Progress Energy Carolinas, Inc.
Brunswick Nuclear Plant
PO Box 10429
Southport, NC 28461

Mr. Luis A. Reyes, Regional Administrator
BSEP 10-0119 / Page 2

No regulatory commitments are contained in this letter. Please refer any questions regarding this submittal to Mr. Michael Nemec, Senior Nuclear Operations Training Instructor, at (910) 457-2204, or Mr. Lenny Beller, Superintendent – Operations Training, at (910) 457-2073.

Sincerely,



Phyllis N. Mentel
Manager - Support Services
Brunswick Steam Electric Plant

WRM/wrm

Enclosures:

1. List of Examination Materials
2. Examiner Standard Forms and Checklists
3. Written Examination Questions
4. Simulator Dynamic Scenarios and Job Performance Measures (JPMs)
5. Reference Materials (four CD-ROMs)

Mr. Luis A. Reyes, Regional Administrator
BSEP 10-0119 / Page 3

cc (with Enclosures 1 through 5):

U. S. Nuclear Regulatory Commission, Region II
ATTN: Mr. Phillip Capehart, Chief Examiner
245 Peachtree Center Ave, NE, Suite 1200
Atlanta, GA 30303-1257

cc (With Enclosure 1 only):

U. S. Nuclear Regulatory Commission
ATTN: Document Control Desk
Washington, DC 20555-0001

U. S. Nuclear Regulatory Commission
ATTN: Mr. Malcolm T. Widmann, NRC Region II
Chief, Operations Branch
245 Peachtree Center Ave, NE, Suite 1200
Atlanta, GA 30303-1257

U. S. Nuclear Regulatory Commission
ATTN: Mr. Philip B. O'Bryan, NRC Senior Resident Inspector
8470 River Road
Southport, NC 28461-8869

U. S. Nuclear Regulatory Commission **(Electronic Copy Only)**
ATTN: Mrs. Farideh E. Saba (Mail Stop OWFN 8G9A)
11555 Rockville Pike
Rockville, MD 20852-2738

Chair - North Carolina Utilities Commission
P.O. Box 29510
Raleigh, NC 27626-0510

List of Examination Materials

The following documents, developed in accordance with NUREG-1021, Revision 9, Supplement 1, "Operator Licensing Examination Standards for Power Reactors," are provided in Enclosure 2:

Form ES-301-1	Administrative Topics Outline
Form ES-301-2	Control Room/In-Plant Systems Outline
Form ES-301-3	Operating Test Quality Checklist
Form ES-301-4	Simulator Scenario Quality Checklist
Form ES-301-5	Transient and Event Checklist
Form ES-301-6	Competencies Checklist
Form ES-401-6	Written Examination Quality Checklist

Enclosure 3 provides the proposed written examination (i.e., 75 "common" questions, 25 senior reactor operator (SRO) questions).

Enclosure 4 provides the Simulator Dynamic Scenarios (5) and Job Performance Measures (i.e., Administrative, In-plant, and Simulator).

Enclosure 5 provides the reference materials on four CD-ROMs.