

August 10, 1995

Carolina Power & Light Company
ATTN: Mr. R. A. Anderson
Vice President
Brunswick Steam Electric Plant
P. O. Box 10429
Southport, NC 28461

SUBJECT: LIMITED SENIOR REACTOR OPERATOR LICENSING EXAMINATIONS
EXAMINATION REPORT NOS. 50-325/95-302 AND 50-324/95-302

Gentlemen:

The purpose of this letter is to confirm arrangements made in a telephone conversation on August 9, 1995, between Mr. Steve McCann, Operations Training, and Mr. Ronald F. Aiello, License Examiner, NRC Region II Operator Licensing Section, for the administration of licensing examinations at the Brunswick Steam Electric Plant. The examination preparation, written examinations and operating tests are scheduled for the week of December 4, 1995. Your staff will be given an opportunity to review the licensing examinations in accordance with the guidelines in Revision 7 of NUREG-1021, "Operator Licensing Examination Standards," (ES-201, Attachment 4) during the week of November 20, 1995.

To prepare the examinations and meet the above schedule, it will be necessary for your staff to furnish the reference materials specified in the enclosed List of Reference Materials by October 1, 1995. Any delay in receiving approved and indexed reference material or the submittal of inadequate or incomplete reference material may result in the examinations being rescheduled.

The NRC will prepare and administer the written examinations in accordance with ES-701 of NUREG-1021. In order to conduct the requested examinations, it will be necessary for your staff to provide adequate space and accommodations on the date noted above. The NRC's guidelines for administering the written examinations are described in ES-402, Attachment 1.

The NRC will prepare and administer the operating tests in accordance with ES-701 of NUREG-1021. In order to conduct the requested operating tests, it will be necessary for your staff to make the refueling machine available for simulation (preferably with a dummy fuel assembly) on the dates noted above. Your staff should retain any refueling simulation performance data (e.g., system pressures, temperatures, and levels) generated during the dynamic operating tests until the examination results are final.

ES-402, Attachment 2, and ES-302, Attachment 1, contain a number of NRC policies and guidelines that will be in effect while the written examination and operating tests are being administered.

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Your staff should submit preliminary limited senior reactor operator license applications and waiver requests at least 30 days before the first examination date so that the NRC will be able to review the applications and the medical certifications and evaluate any requested waivers. If the applications are not received at least 30 days before the examination date, a postponement may be necessary. Final, signed applications certifying that all training has been completed should be submitted at least 14 days before the first examination date.

This request is covered by Office of Management and Budget (OMB) Clearance Number 3150-0101, which expires October 31, 1995. The estimated average burden is 7.7 hours per response, including gathering, xeroxing, and mailing the required material. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden, to the Information and Records Management Branch, T-6 F33, Division of Information Support Services, Office of Information Resources Management, U. S. Nuclear Regulatory Commission, Washington, D. C. 20555; and to the Paperwork Reduction Project (3150-0101), Office of Information and Regulatory Affairs, NEOB-10202, Office of Management and Budget, Washington, D. C. 20503.

From the requested reference materials identified in the enclosure, we would appreciate retaining your EOPs and AOPs for reference use in our Incident Response Center. If you have any concerns about this proposed use, please contact me at (404) 331-5541.

Thank you for your cooperation in this matter. Mr. McCann has been advised of the policies and guidelines referenced in this letter. If you have any questions regarding the NRC's examination procedures and guidelines, please contact Mr. Ronald F. Aiello at (404) 331-5562, or myself at (404) 331-5541.

Sincerely,

(Original signed by T. A. Peebles)

Thomas A. Peebles, Chief
Operations Branch
Division of Reactor Safety

Enclosure: List of Reference Materials

cc w/encl: (See page 3)

cc w/encl:
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 Raleigh, NC 27626-0520

Public Service Commission
 State of South Carolina
 P. O. Box 11649
 Columbia, SC 29211

Jerry W. Jones, Chairman
 Brunswick County Board of
 Commissioners
 P. O. Box 249
 Bolivia, NC 28422

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 Emergency Management Coordinator
 New Hanover County Department of
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Norman R. Holden, Mayor
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Mr. Keith J. Ahern
 Acting Manager, Training
 Brunswick Steam Electric Plant
 P. O. Box 10429
 Southport, NC 28461

Distribution w/encl:
 D. Trimble, NRR
 A. Gibson, DRS
 G. A. Hallstrom, RII
 PUBLIC

NRC Resident Inspector
 U.S. Nuclear Regulatory Commission
 8470 River Road, SE
 Southport, NC 28461

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NAME	RAiello:ra/sd	Acting SC/OLS	DVerrelli	TPeebles			
DATE	08/10/95	08/10/95	08/10/95	08/10/95	08/ / 95	08/ / 95	
COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	

LIST OF REFERENCE MATERIALS

1. Materials used by the facility licensee to ensure operator competency:
 - a. The following types of materials used to train applicants for limited SRO licensing should be provided. The material should be complete, comprehensive, and of sufficient detail to support the development of accurate and valid LSRO examinations without being redundant.
 - learning objectives, student handouts, and lesson plans
 - system descriptions of all operationally relevant flow paths, components, controls, and instrumentation
 - material used to clarify and strengthen understanding of normal, abnormal, and emergency operating procedures
 - complete, operationally useful descriptions of all safety system interactions and, where available, balance-of-plant system interactions under emergency and abnormal conditions, including consequences of anticipated operator errors, maintenance errors, and equipment failures
 - b. Questions and answers specific to the facility training program that may be used in the written examinations or operating tests (voluntary by facility licensee).
 - c. Copies of facility-generated refueling simulator scenarios that expose the applicants to abnormal and emergency conditions, including degraded heat removal capability, and containment challenges, during refueling operations. A description of the scenarios used for the training class may also be provided (voluntary by facility licensee).
 - d. All job performance measures (JPMs) used to ascertain the competence of the operators in performing tasks outside the control room (i.e., local operations) as identified in the facility JTA. JPMs should evaluate operator responsibilities during normal, abnormal, and emergency conditions and events during refueling operations.
2. Complete index of procedures (including all categories sent).
3. All administrative procedures applicable to refueling operations or safety.
4. All integrated plant procedures (normal or general operating procedures).

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5. All emergency procedures (emergency instructions, abnormal or special procedures).
6. Standing orders (important orders that are safety-related and may modify the regular procedures).
7. Surveillance procedures that are run frequently (i.e., weekly) or that can be simulated on the refueling machine.
8. Fuel handling and core loading procedures.
9. All refueling annunciator and alarm procedures.
10. Radiation protection manual (radiation control manual or procedures).
11. Emergency plan implementing procedures.
12. Technical Specifications (and interpretations, if available) for all units for which licenses are sought. (If merits Tech Specs, include all removed programs such as ODCM, etc.)
13. System operating procedures applicable to refueling operations.
14. Technical data book, and plant curve information as used by operators, and facility precautions, limitations, and set points document.
15. Any additional plant-specific material that has been requested by the examiners to develop examinations that meet the guidelines of these Standards and the regulations.