



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II  
245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

October 30, 2012

Mr. Michael J. Annacone  
Vice President  
Brunswick Steam Electric Plant  
P.O. Box 10429  
Southport, NC 28461-0429

**SUBJECT: REQUALIFICATION PROGRAM INSPECTION – BRUNSWICK STEAM  
ELECTRIC PLANT**

Dear Mr. Annacone:

In a telephone conversation on October 26, 2012, Mr. Richard S. Baldwin, Senior Operations Examiner, and Mr. Tony Pearson, Superintendent of Operator Training, made arrangements for the NRC to inspect the licensed operator requalification (LOR) program at the Brunswick Steam Electric Plant. The inspection is planned for the week of November 26, 2012, which coincides with your regularly scheduled requalification examination cycle. The staff at your facility should prepare and conduct the requalification examinations in accordance with your NRC-approved requalification program. It is our understanding that your simulator is committed to ANSI/ANS-3.5-1998, "American National Standard for Nuclear Power Plant Simulators for Use in Operator Training and Examination."

In accordance with 10 CFR 55.59, the NRC has requested that you submit by November 17, 2012, the material as specified in paragraph "A" of the Enclosure, in order to support the NRC's inspection program needs. The NRC has further requested that you have all items as specified in paragraph "B" of the Enclosure available for review for the inspectors on the first day they arrive on site. Mr. Pearson has been advised of this request and has been provided with the name and address of the NRC lead inspector assigned to this inspection.

This letter contains information collections that are subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). These information collections were approved by the Office of Management and Budget, approval number Part 55 (3150-0018), which expires on February 28, 2013.

The public reporting burden for this collection of information is estimated to average 4 hours per response, including the time for reviewing instructions, gathering and maintaining the data needed, and completing and reviewing the collection of information. Send comments on any aspect of this collection of information, including suggestions for reducing the burden, to the Information and Records Management Branch (T-6 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet electronic mail at [infocollectsresource@nrc.gov](mailto:infocollectsresource@nrc.gov); and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0101), Office of Management and Budget, Washington, DC 20503.

The NRC may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB approval number.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter, its enclosure, and your response, if any, will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records (PARS) component of NRC's document system (ADAMS). ADAMS is accessible from the NRC Website at <http://www.nrc.gov/reading-rm/adams.html> (the Public Electronic Reading Room).

Thank you for your cooperation in this matter. If you have any questions regarding this inspection, please contact Rick Baldwin at (404) 997-4642 (Internet E-mail: [Richard.Baldwin@nrc.gov](mailto:Richard.Baldwin@nrc.gov)), or me at (404) 997-4436 (Internet E-mail: [Mark.Franke@nrc.gov](mailto:Mark.Franke@nrc.gov)).

Sincerely,

*/RA/*

Mark E. Franke, Chief  
Operator Licensing Branch 2  
Division of Reactor Safety

Docket Nos.: 50-325, 50-324  
License Nos.: DPR-71, DPR-62

Enclosure: Materials Request List

cc w/encl: (See page 3)

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Thank you for your cooperation in this matter. If you have any questions regarding this inspection, please contact Rick Baldwin at (404) 997-4642 (Internet E-mail: [Richard.Baldwin@nrc.gov](mailto:Richard.Baldwin@nrc.gov)), or me at (404) 997-4436 (Internet E-mail: [Mark.Franke@nrc.gov](mailto:Mark.Franke@nrc.gov)).

Sincerely,

*/RA/*

Mark E. Franke, Chief  
 Operator Licensing Branch 2  
 Division of Reactor Safety

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PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE       SENSITIVE       NON-SENSITIVE  
 ADAMS:  Yes      ACCESSION NUMBER: ML12304A070       SUNSI REVIEW COMPLETE  FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS					
SIGNATURE	RA/RB	RA/MF					
NAME	BALDWIN	FRANKE					
DATE	10/29/2012	10/30/2012					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

cc:  
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Electronic Mail Distribution

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Electronic Mail Distribution

(cc cont'd – See page 4)

(cc con't)

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P. O. Box 10429  
Southport, NC 28461-0429

Letter to Michael J. Annacone from Mark E. Franke October 30, 2012.

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – BRUNSWICK STEAM  
ELECTRIC PLANT

Distribution w/encl:

J. Baptist, RII

L. Douglas, RII

OE Mail

RIDSNRRDIRS

PUBLIC

RidsNrrPMBrunswick Resource

## **Materials Request List**

The items listed below are being requested per telephone conversation on October 26, 2012, to support the upcoming IP-71111.11B inspection in November 2012, at the Brunswick Steam Electric Plant. Items in paragraph "A" are to be sent prior to the inspection. They must be received in our office by November, 17, 2012. Please have the items listed in paragraph "B" ready for our review upon arrival on November 26, 2012.

### **A. In-office inspection material:**

1. Complete list of all licensed individuals (active and inactive; RO and SRO) including license restrictions.
2. Copy of an Organizational Chart for the training department including simulator staff.
3. Spreadsheets and/or test outlines which show the usage of written examination questions, JPMs, and simulator scenarios (i.e. outlines/sample plans).
4. Copy of the weekly examination schedules for the weeks that the 2012 annual operating exams will be administered, including a list of personnel scheduled for testing the week of November 26, 2012.
5. Copies of the written examinations that were, or will be, administered for the 2012 biennial requalification examination (for all weeks), including all re-take examinations, if applicable. (exam security related item)
6. Ten (10) job performance measures (JPMs), both simulator and in-plant, and six (6) simulator scenarios associated with the current annual operating test. The JPMs and scenarios to be reviewed should include those that will be administered the week of November 26, 2012, with any remaining JPMs and scenarios reviewed selected from other weeks of the annual operating test. (exam security related item)
7. Self-assessment reports, corrective action reports, and Licensee Event Reports, written since the last requalification inspection, resulting from, or concerning human performance errors, including any examination security issues.
8. A copy of site procedure(s) governing the conduct (process and content) of license operator requalification training (classroom and simulator), examination development/administration, remedial training, and examination security.
9. A copy site procedure(s) governing simulator configuration control, maintenance, and fidelity, including all testing methods used to fulfill ANSI/ANS-3.5-1998 requirements.
10. Copy of the program evaluation of the previous biennial requalification cycle.

### **B. On-site inspection material:**

1. Complete list of all licensed individuals (active and inactive; RO and SRO) including license restrictions.

Enclosure

2. Copy of an Organizational Chart for the training department including simulator staff.
3. Spreadsheets and/or test outlines which show the usage of written examination questions, JPMS, and simulator scenarios (i.e. outlines/sample plans).
4. Copy of the weekly examination schedules for the weeks that the 2012 annual operating exams will be administered, including a list of personnel scheduled for testing the week of November 26, 2012.
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6. Ten (10) job performance measures (JPMS), both simulator and in-plant, and six (6) simulator scenarios associated with the current annual operating test. The JPMS and scenarios to be reviewed should include those that will be administered the week of November 2012, with any remaining JPMS and scenarios reviewed selected from other weeks of the annual operating test. (exam security related item)
7. Records associated with license reactivation, including:
  - a. Documentation of time on shift under instruction.
  - b. Security system and HP/dosimetry records for plant areas toured by reactivating individual and accompanying licensed operator.
8. Records providing documentation of maintenance of active license status (time on shift) for all licensed operators since last requalification inspection.
9. Medical records for all licensed (active and inactive) operators.
10. Simulator maintenance and testing records, including:
  - a. List of all open simulator discrepancies
  - b. List of all simulator discrepancies closed within the past 12 months
  - c. List of simulator performance tests
  - d. Simulator performance testing records and associated documentation