



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**  
REGION II

245 PEACHTREE CENTER AVENUE NE, SUITE 1200  
ATLANTA, GEORGIA 30303-1257

August 21, 2018

Mr. Joseph W. Shea  
Manager, Corp. Nuclear Licensing  
Tennessee Valley Authority  
1101 Market Street, LP 4B-C  
Chattanooga, TN 37402-2801

**SUBJECT: REQUALIFICATION PROGRAM INSPECTION – BROWNS FERRY NUCLEAR PLANT**

Dear Mr. Shea:

In a telephone conversation on August 8, 2018, Mr. David R. Lanyi, Senior Operations Engineer, and Mr. John Sheppard, Licensed Operator Requalification Lead Instructor, arranged for the U.S. Nuclear Regulatory Commission (NRC) to inspect the licensed operator requalification program at the Browns Ferry Nuclear Plant. The inspection is planned for the week of September 10, 2018, 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 you have committed to maintain your plant-referenced simulator in accordance with ANSI/ANS-3.5-1985, "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 August 31, 2018, 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. Sheppard has been advised of this request and 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 June 30, 2019.

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 and its enclosure 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 Web site 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 Mr. Lanyi at (404) 997-4487, (Internet E-mail: [David.Lanyi@nrc.gov](mailto:David.Lanyi@nrc.gov)), or me at (404) 997-4551, (Internet E-mail: [Gerald.McCoy@nrc.gov](mailto:Gerald.McCoy@nrc.gov)).

Sincerely,

*/RA/*

Gerald J. McCoy, Chief  
Operations Branch 1  
Division of Reactor Safety

Docket No.: 50-259, 50-260, 50-296  
License No.: DPR-33, DPR-52, DPR-68

Enclosure: Materials Request List

cc: Distribution via Listserv

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – BROWNS FERRY NUCLEAR PLANT

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SIGNATURE	<b>DRL2</b>	<b>GJM1</b>					
NAME	LANYI	MCCOY					
DATE	8/20/2018	8/21/2018					
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## Materials Request List

The items listed below are necessary to support the Licensed Operator Requalification Program inspection (IP-71111.11) in September 2018 at the Browns Ferry Nuclear Plant. Items listed under "In-office inspection material," must be received in the NRC Region II office by August 31, 2018. Items listed under "On-site inspection material," should be ready for review upon arrival of the inspectors on September 10, 2018.

### **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 2018 annual operating exams will be administered, including a list of personnel scheduled for testing the week of September 10, 2018.
5. Copies of the written examinations that were administered for the 2017 biennial requalification examination (for all weeks), including all re-take examinations, if applicable.
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 September 10, 2018, 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 3.5-1985 requirements.
10. Copy of the program evaluation of the previous biennial requalification cycle.

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

1. Requalification training attendance records for the current biennial training cycle.
2. Examination results since last requalification inspection (weekly operating & written examinations), copies of examinations with pass/failure rates outside the average.
3. Simulator scenarios and JPMs (in-plant and simulator) that have been, or will be, administered for this requalification exam. (exam security related item)
4. All training feedback forms since the last requalification inspection.
5. Documentation regarding all remedial training conducted for examination failures since the last requalification inspection.
6. Complete list of all individuals that reactivated their licenses since the last requalification inspection.
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.