



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

August 24, 2018

Joseph W. Shea
Vice President, Nuclear Licensing
Tennessee Valley Authority
1101 Market Street, LP 4B-C
Chattanooga, TN 37402

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – SEQUOYAH NUCLEAR PLANT

Dear Mr. Shea:

In a telephone conversation on August 22, 2018, Mr. Michael Donithan, Operations Engineer, and Mr. Max Hime, Lead Operations Instructor, made arrangements for the U.S. Nuclear Regulatory Commission (NRC) to inspect the licensed operator requalification program at the Sequoyah Nuclear Plant. The inspection is planned for the week of October 9, 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," *and that you have also committed to ANSI/ANS-3.4-1983, "Medical Certification and Monitoring of Personnel Requiring Operator Licenses for Nuclear Power Plants."*

In accordance with 10 CFR 55.59, the NRC has requested that you submit by September 28, 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 by the inspectors on the first day they arrive on site. Mr. Forsha 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; and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-101), 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. Donithan at (404) 997-4538, (Michael.Donithan@nrc.gov), or me at (404) 997-4551, (Gerald.McCoy@nrc.gov).

Sincerely,

/RA/

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

Docket Nos.: 50-327, 50-328
License Nos.: DPR-77, DPR-79

Enclosure: Materials Request List

cc: Distribution via Listserv

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – SEQUOYAH NUCLEAR PLANT

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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 October 2018 at Sequoyah Nuclear Plant. Items listed under "In-office inspection material" must be received in the NRC Region II office by September 28, 2018. Items listed under "On-site inspection material" should be ready for review upon arrival of the inspectors on October 9, 2018.

A. In-office inspection material:

1. List of all licensed individuals (active and inactive; RO and SRO) including license restrictions.
2. 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. Weekly examination schedules for the weeks that the 2018 annual operating exams were, or will be administered, including a list of personnel scheduled for testing the week of October 9, 2018.
5. Copies of the written examinations that were, or will be administered for the 2018 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 four (4) 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 October 9, 2018, with any remaining JPMs and scenarios 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. Site procedures governing the conduct (process and content) of licensed operator requalification training (classroom and simulator), examination development and administration, remedial training, and examination security.
9. 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 (due October 9, 2018):

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. Copies of the simulator scenarios for the inspectors to observe the operating crews and evaluators.
4. Documentation regarding all remedial training conducted for examination failures since the last requalification inspection.
5. List of all operators who reactivated their licenses since the last requalification inspection.
6. Records that support verification of time on shift under instruction and complete plant tours for both the reactivating operator and the supervising active license, 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(s).
7. Records providing documentation of maintenance of active license status (time on shift) for all licensed operators since last requalification inspection.
8. Medical records for all licensed (active and inactive) operators.
9. Simulator maintenance and testing records, including:
 - a. List of all open simulator discrepancies.
 - b. List of all simulator discrepancies closed since the last biennial inspection.
 - c. List of simulator performance tests.
 - d. Simulator performance testing records and associated documentation.