



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II
245 PEACHTREE CENTER AVENUE N.E., SUITE 1200
ATLANTA, GEORGIA 30303-1200

July 3, 2024

James Barstow, Vice President
Nuclear Regulatory Affairs and Support Services
Tennessee Valley Authority
1101 Market Street, LP 4A-C
Chattanooga, TN 37402-2801

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – WATTS BAR NUCLEAR
PLANT

Dear James Barstow:

In a telephone conversation on June 12, 2024, Mr. Andreas Goldau, Operations Engineer, and Mr. Derek Murray, Licensed Operator Requalification Training Supervisor, made arrangements for the U.S. Nuclear Regulatory Commission (NRC) to inspect the licensed operator requalification program at Watts Bar Nuclear Plant. The inspection is planned for the week of July 30, 2024, 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 the material by the due dates specified in paragraph "A" of the Enclosure 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. Scott Fortin 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).

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, (3150-0101), 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. Andreas Goldau at (404) 997-4528, (E-mail: andreas.goldau@nrc.gov), or me at (404) 997-4703, (E-mail: thomas.stephen@nrc.gov).

Sincerely,



Signed by Stephen, Tom
on 07/03/24

Thomas A. Stephen, Chief
Operations Branch 1
Division of Reactor Safety

Docket Nos.: 50-390 and 50-391
License Nos.: NPF-90 and NPF-96

Enclosure: Materials Request List

cc: Distribution via Listserv

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – WATTS BAR NUCLEAR PLANT DATED JULY 03, 2024

DISTRIBUTION:

A. Goldau, DRS

T. Stephen, DRS

PUBLICLY AVAILABLE NON-PUBLICLY AVAILABLE SENSITIVE NON-SENSITIVE
ADAMS: Yes ACCESSION NUMBER: ML24185A029 SUNSI REVIEW COMPLETE FORM 665 ATTACHED

OFFICE	RII/DRS/OB	RII/DRS/OB	RII/DRS/OB		
NAME	K. Wallace	A. Goldau	T. Stephen		
DATE	7/03/2024	7/03/2024	7/03/2024		

OFFICIAL RECORD COPY

Materials Request List

The items listed below are necessary to support the Licensed Operator Requalification Program inspection (IP-71111.11) at Watts Bar. Items listed under “In-office inspection material” must be received in the NRC Region II office by the dates listed below. Items listed under “On-site inspection material” should be ready for review upon arrival of the inspectors on July 30, 2024.

A. In office inspection material:

1. List of all licensed individuals (active and inactive; RO and SRO) including license restrictions. [Date Due: July 15, 2024]
2. Organizational Chart for the training department including simulator fidelity staff, with phone number/email contact information. [Date Due: July 15, 2024]
3. Spreadsheets and/or test outlines which show the usage of written examination questions, JPMs, and simulator scenarios (i.e. outlines/sample plans). [July 15, 2024]
4. All JPMs and simulator scenarios that have been approved for administration for the 2024 exams, including spreadsheets or outlines that show the usage of the JPMs during the 2024 annual exam weeks. Examiners request that exam items not yet approved for use be sent later after they have been approved. [Date Due: July 15, 2024, or following completion of the approval process] (exam security related item).
5. Weekly examination schedules for the weeks that the 2024 annual operating test, including the names/positions of the operating crew members, as well as any off-shift staff members, who will be examined. [Date Due: July 15, 2024]
6. Copies of all current two-year biennial training cycle written examinations that were administered, final answer keys, re-take examinations, and spreadsheets or outlines that show the usage of written examination questions on the different versions of these written examinations. [Date Due: July 15, 2024]
7. Site procedure(s) governing the conduct of license operator requalification training (classroom and simulator), examination development/administration, remedial training, and examination security. [Date Due: July 15, 2024]
8. Site procedure(s) governing the simulator configuration control, maintenance, and fidelity testing methods used to fulfill ANSI/ANS 3.5-2009 requirements. [Date Due: July 15, 2024]

Enclosure

9. Corrective action reports and self-assessments written since last requalification inspection, which document operator errors or performance problems that occurred in the actual main control room, including the final corrective actions.
[Date Due: July 15, 2024]

B. On site inspection material:

1. Requalification training attendance records for the current two-year 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 for the inspectors to observe the operating crew and evaluators during the week of July 30, 2024.
4. All remedial training documentation for any licensed operator (active or inactive) that failed an examination since last requalification inspection.
5. List of all individuals that reactivated their licenses since last requalification inspection.
6. Records that support verification of license reactivation, including:
 - a. Documentation of time on shift under instruction.
 - b. Security system and/or HP/dosimetry records for plant areas toured by reactivating individual and accompanying licensed operator.
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 within the past 12 months
 - c. List of simulator performance tests
 - d. Simulator performance testing records and associated documentation (as requested by inspector)