



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

March 29, 2018

Thomas D. Ray
Duke Energy Carolinas, LLC
McGuire Nuclear Station
12700 Hagers Ferry Road
Huntersville, NC 28078-8985

**SUBJECT: REQUALIFICATION PROGRAM INSPECTION – MCGUIRE NUCLEAR
STATION**

Dear Mr. Ray:

In a telephone conversation on March 27, 2018, Mr. Mark Bates, Senior Operations Examiner, and Mr. Gary Graham, Supervisor Operator Training, arranged for the U.S. Nuclear Regulatory Commission (NRC) to inspect the licensed operator requalification program at McGuire Nuclear Station. The inspection is planned for the week of June 18, 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-3.5-2009, "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 the specified date, or make ready upon arrival, the material as stated in the enclosure, in order to support the NRC's inspection program needs. Mr. Graham has been advised of this request and was provided 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 16 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. Mark Bates at (404) 997-4612, (Internet E-mail: Mark.Bates@nrc.gov), or me at (404) 997-4662, (Internet E-mail: Eugene.Guthrie@nrc.gov).

Sincerely,

/RA/

Eugene F. Guthrie, Chief
Operations Branch 2
Division of Reactor Safety

Docket Nos. 50-369 and 50-370
License Nos. NPF-9 and NPF-17

Enclosure:
Materials Request List

cc: Distribution via Listserv

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – MCGUIRE NUCLEAR STATION

DISTRIBUTION:

M. Bates, RII
E. Guthrie, RII

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

OFFICE	RII:DRS	RII:DRS					
SIGNATURE	MAB7 EMAIL	EFG					
NAME	MBATES	EGuthrie					
DATE	3/ 29 /2018	3/29/2018	3/ /2018				
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

Materials Request List

The items listed below are necessary to support the Licensed Operator Requalification Program inspection (IP-71111.11) in June 2018 at the McGuire Nuclear Station. Items listed under "In-office inspection material," must be received in the NRC Region II office by the due dates specified below. Items listed under "On-site inspection material," should be ready for review upon arrival of the inspectors on June 18, 2018.

A. In-office inspection material:

1. Complete list of all licensed individuals (active and inactive; RO and SRO) including license restrictions. **[May 25, 2018]**
2. Organizational Chart for the training department, including the simulator fidelity staff, with phone number/email contact information. **[May 25, 2018]**
3. Spreadsheets and/or test outlines which show the usage of written examination questions, JPMs, and simulator scenarios (i.e. outlines/sample plans). **[May 25, 2018]**
4. 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 June 18, 2018. **[May 25, 2018]**
5. Copies All 2018 biennial written examinations that have been approved for administration, 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. **[As available on May 25, 2018 or following completion of the biennial written examinations]** (exam security related item)
6. All JPMs that have been approved for administration for the 2018 exams, including spreadsheets or outlines that show the usage of the JPMs in all of the 2018 annual exam weeks. **[As available on May 25, 2018 or following completion of the annual operating tests]** (exam security related item)
7. All simulator scenarios approved for administration that will be administered in the 2018 annual exam, including which scenarios are assigned to a specific week. **[As available on May 25, 2018 or following completion of the annual operating tests]**
8. 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. **[May 25, 2018]**
9. 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. **[May 25, 2018]**
10. A copy site procedure(s) governing simulator configuration control, maintenance, and fidelity, including all testing methods used to fulfill ANSI/ANS-3.5-2009 requirements. **[May 25, 2018]**
11. Copy of the program evaluation of the previous biennial requalification cycle.

Enclosure

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. Two copies of simulator scenarios and JPMs (in-plant and simulator) that will be administered for this requalification exam during the week of Jun 18, 2018. (exam security related item)
4. Documentation regarding all remedial training conducted for examination failures since the last requalification inspection.
5. Complete list of all individuals that reactivated their licenses since the last requalification inspection.
6. 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.
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.