



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

May 13, 2020

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 May 11, 2020, 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 of McGuire Nuclear Station. The inspection is planned for the week of June 15, 2020, 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 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).

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, (E-mail: Mark.Bates@nrc.gov), or me at (404) 997-4551, (E-mail: Gerald.McCoy@nrc.gov).

Sincerely,

/RA/

Gerald J. McCoy, Chief
Operations Branch 1
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 Dated May 13, 2020

DISTRIBUTION:

M. Bates, RII

G. McCoy, RII

x ☐ PUBLICLY AVAILABLE☐ NON-PUBLICLY AVAILABLE☐ SENSITIVEx ☐ NON-SENSITIVEADAMS: x ☐ Yes**ACCESSION NUMBER: ML20134J134**x ☐ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS					
SIGNATURE							
NAME	M. Bates	G. McCoy					
DATE	5/ 13 /2020	5/ 13 /2020					
E-MAIL COPY?	<u>YES</u> NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY

Materials Request List

The items listed below are necessary to support the Licensed Operator Requalification Program Inspection (IP-71111.11) in June 2020 for the McGuire Nuclear Station. Items listed in Section A must be received by June 15, 2020. Because of travel restrictions due to COVID-19, portions of this inspection which are usually conducted at your facility will be conducted remotely. It is requested that the materials in Section B also be made available to the inspectors by June 15, 2020. If during the collection of the material, it is found that the format of the material would make it unreasonable to provide remotely, please contact Mr. Bates or Mr. McCoy for further guidance.

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 the simulator fidelity staff, with phone number/email contact information.
3. Weekly examination schedules for the weeks that the 2020 annual operating exams will be administered.
4. All 20219 or 2020 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 June 15, 2020 or following completion of the biennial written examinations]** (exam security related item)
5. Site procedure(s) governing the conduct (process and content) of license operator requalification training (classroom & simulator), examination development/administration, remedial training, and examination security.
6. Site procedure(s) governing simulator configuration control, maintenance, and fidelity testing methods used to fulfill ANSI/ANS 3.5-2009 requirements.
7. All JPMs that have been approved for administration, including spreadsheets or outlines that show the usage of the JPMs in all of the 2020 annual exam weeks. **[As available on June 15, 2020 or following completion of the annual operating tests]** (exam security related item)
8. All simulator scenarios, approved for administration that will be administered in the 2020 annual exam, including spreadsheets or outlines that show the usage of scenario events in all of the 2020 annual exams. **[As available on June 15, 2020 or following completion of the annual operating tests]** (exam security related item)
9. Self-assessment reports, condition reports, and/or Licensee Event Reports, written since the last biennial requalification inspection which document operator errors or performance problems that occurred in the actual plant/main control room, including the corrective actions.

Enclosure

B. Materials typically Inspected On-site [June 15, 2020]:

1. Requalification training attendance records for the current two year biennial training cycle for one complete operating crew.
2. Examination results since last requalification inspection (weekly operating & written examinations); copies of examinations with pass/failure rates outside the average.
3. All remedial training documentation for any licensed operator that failed the biennial written examination or annual operating test since the last requalification inspection.
4. List of all operators that reactivated their licenses since the last requalification inspection.
5. Records that support verification of time on shift under instruction and complete plant tours for both the reactivating operator and the supervising active license since the last requalification inspection, 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.
6. Records providing documentation of maintenance of active license status (time on shift) for one crew of licensed operators since last requalification inspection.
7. Medical records for licensed operators for two complete crews. Only necessary to provide information needed to verify ANSI requirements. (Inspectors to provide table of inspectable parameters.)
8. 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)