



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

January 25, 2017

Mr. Thomas D. (Tom) Ray  
Site Vice President  
Oconee Nuclear Station  
Duke Energy Corporation  
7800 Rochester Highway  
Seneca, SC 29672-0752

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – OCONEE NUCLEAR STATION

Dear Mr. Ray:

In a telephone conversation on January 19, 2017, Mr. Mark Bates, Senior Operations Engineer, and Mr. Tony Doss, Supervisor Licensed Operator Requalification Training, made arrangements for the NRC to inspect the licensed operator requalification program at Oconee Nuclear Station. The inspection is planned for the week of March 20, 2017, 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 the material by the due dates specified in paragraph A of the Enclosure, in order to support the NRC's in-office 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. Doss 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](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. Mark Bates at (404) 997-4612, (Internet E-mail: [Mark.Bates@nrc.gov](mailto:Mark.Bates@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 Nos.: 50-269, 50-270, 50-287  
License Nos.: DRP-38, DRP-47, DRP-55

Enclosure: Materials Request List

cc: Distribution via Listserv

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Sincerely,

/RA//

Gerald J. McCoy, Chief  
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ADAMS: ☒ Yes    ACCESSION NUMBER: \_\_\_\_\_

☐ SUNSI REVIEW COMPLETE   ☐ FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS					
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NAME	MBATES	MCCOY					
DATE	1/ 24/2017	1/25 /2017	1/ /2017	1/ /2017	1/ /2017	1/ /2017	1/ /2017
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

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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 March 2017 at the Oconee 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 March 20, 2017.

#### **A. In-office inspection material:**

1. List of all licensed individuals (active and inactive; RO and SRO) including license restrictions. **[March 6, 2017]**
2. Organizational Chart for the training department, including the simulator fidelity staff, with phone number/email contact information. **[March 6, 2017]**
3. Weekly examination schedules for the weeks that the 2017 annual operating exams will be administered, including a list of personnel scheduled for testing the week of March 20, 2017. **[March 6, 2017]**
4. All 2017 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 March 6, 2017 or following completion of the biennial written examinations]**
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. **[March 6, 2017]**
6. Site procedure(s) governing simulator configuration control, maintenance, and fidelity testing methods used to fulfill ANSI/ANS 3.5-1985 requirements. **[March 6, 2017]**
7. All JPMs that have been approved for administration, including spreadsheets or outlines that show the usage of the JPMs in all of the 2017 annual exam weeks. **[As available on March 6, 2017 or following completion of the annual operating tests]**
8. All simulator scenarios, approved for administration, that will be administered in the 2017 annual exam, including which scenarios are assigned to a specific week. **[As available on March 6, 2017 or following completion of the annual operating tests]**
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. **[March 6, 2017]**

Enclosure



**B. On-site inspection material [March 20, 2017]:**

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. Copies of the simulator scenarios for the inspectors to observe the operating crews and evaluators the week of March 20, 2017.
4. All remedial training documentation for any licensed operator that failed an examination since the last requalification inspection.
5. List of all operators that 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 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.
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