



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

November 30, 2022

Mr. Fred Mladen  
Site Vice President  
Surry Power Station  
Virginia Electric & Power Company  
5570 Hog Island Road  
Surry, VA 23883-0315

**SUBJECT: REQUALIFICATION PROGRAM INSPECTION – SURRY POWER STATION**

Dear Mr. Mladen:

During a telephone conversation on November 10, 2022, Mr. M. Meeks, Senior Operations Engineer, and Mr. J. Chapin, Supervisor Nuclear Training, made arrangements for the U.S. Nuclear Regulatory Commission (NRC) to inspect the licensed operator requalification program at the Surry Power Station. The inspection is planned for the week of February 27, 2023, 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 of Personnel Requiring Operator Licenses for Nuclear Power Plants."

In accordance with 10 CFR 55.59, the NRC has requested that you submit (by February 13, 2023), 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 for the inspectors on the first day they arrive on site. Mr. Chapin 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 8 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. Meeks at (404) 997-4467, (Internet E-mail: [Michael.Meeks@nrc.gov](mailto:Michael.Meeks@nrc.gov)), or me at (404) 997-4703, (Internet E-mail: [Thomas.Stephen@nrc.gov](mailto:Thomas.Stephen@nrc.gov)).

Sincerely,

**/RA/**

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

Docket Nos.: 50-280, 50-281  
License Nos.: DPR-32, DPR-37

Enclosure: Materials Request List

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – SURRY POWER STATION  
dated November 30, 2022

\* See previous page for concurrence

PUBLICLY AVAILABLE       NON-PUBLICLY AVAILABLE     SENSITIVE       NON-SENSITIVE

ADAMS:  Yes    ACCESSION NUMBER: **ML22339A158**     SUNSI REVIEW COMPLETE     FORM 665 ATTACHED

OFFICE	RII/DRS/OBI	RII/DRS/OBI	RII/DRS/OBI	RII/DRS/OBI
NAME	DEgelstad	MMeeks	KKirchbaum	TStephen
DATE	11/17/2022	11/18/2022	11/23/2022	11/ 30 /2022

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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 February 2023 at the Surry Power Station. Items listed under "In-office inspection material" must be received in the NRC Region II office by February 13, 2023. Items listed under "On-site inspection material" should be ready for review upon arrival of the inspectors on February 27, 2023.

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

1. Complete list of all licensed individuals (active and inactive; RO and SRO) including all license restrictions.
2. Copy of the Organizational Chart for the training department including simulator staff, including phone number and email contact information.
3. Spreadsheets and/or test outlines which show the usage of written examination questions, JPMs, and simulator scenarios (i.e. outlines/sample plans).
4. Copy of the weekly examination schedules for the weeks that the 2023 annual operating exams will be administered, including a list of personnel scheduled for testing the week of February 27, 2023.
5. Copies of the written examinations that were administered for the 2022 biennial requalification examination (for all weeks), including answer keys (original and final if any changes were made) and all re-take examinations. Include spreadsheets or outlines that show the usage of written questions on the different versions of these written examinations.
6. Ten (10) job performance measures (JPMs), both simulator and in-plant, and six (6) 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 February 27, 2023, with any remaining JPMs and scenarios reviewed 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. Include final corrective actions, as appropriate, with the provided documentation.
8. 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.
9. A copy of site procedure(s) governing simulator configuration control, maintenance, and fidelity, including all testing methods used to fulfill ANSI/ANS-3.5-2009 requirements.
10. Copy of the program evaluation of the previous biennial requalification cycle.
11. Documentation regarding all remedial training conducted for examination failures since the last requalification inspection.

Enclosure

**On-site inspection material:**

1. Simulator scenarios and JPMs for the inspectors to observe the operating crew and evaluators during the week of February 27, 203.
2. Requalification training attendance records for the current biennial training cycle.
3. Examination results since last requalification inspection (weekly operating & written examinations); copies of examinations with pass/failure rates outside the average.
4. All remedial training documentation for all remedial training conducted for any 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.