



**UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION II**

245 PEACHTREE CENTER AVENUE NE, SUITE 1200
ATLANTA, GEORGIA 30303-1257

October 26, 2016

Mr. David A. Heacock
President & Chief Nuclear Officer
Virginia Electric and Power Company
Surry Power Station, Units 1 & 2
Innsbrook Technical Center
5000 Dominion Boulevard
Glen Allen, VA 23060

SUBJECT: REQUALIFICATION PROGRAM INSPECTION – SURRY POWER STATION

Dear Mr. Heacock:

In a telephone conversation on October 11, 2016, Mr. Bruno Caballero, Senior Operations Engineer, Joe Fisher, Operations Training Supervisor, Mr. Steven Biedenbach, License Operator Requalification Lead, Ms. Bonnie Jurewicz, LOR Exam Author, and Richard Philpot, Operations Training Supervisor, made arrangements for the NRC to inspect the licensed operator requalification program at the Surry Power Station. The on-site portion of the inspection is planned for the week of January 23, 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. Joe Fisher 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), which expires on June 30, 2019.

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.

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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. Bruno Caballero at (404) 997- 4608, (Internet E-mail: Bruno.Caballero@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.: 50-280, 50-281
License Nos.: DPR-32, DPR-37

Enclosure: Materials Request List

cc: Distribution via Listserv

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ADAMS: ☒ Yes ACCESSION NUMBER: _____

☒ SUNSI REVIEW COMPLETE ☐ FORM 665 ATTACHED

OFFICE	RII:DRS	RII:DRS					
SIGNATURE	BLC2 EMAIL	EFG					
NAME	CABALLERO	GUTHRIE					
DATE	10/26/2016	10/26/2016					
E-MAIL COPY?	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO	YES NO

OFFICIAL RECORD COPY DOCUMENT NAME: G:\DRS\OB\I\SITES\SURRY\REQUAL INSPECTIONS\SURRY 2017
REQUAL INSPECTION\CORRESPONDENCE\REQUAL INSPECTION NOTIFICATION LETTER.DOCX

Materials Request List

The items listed below are necessary to support the Licensed Operator Requalification Program inspection (IP-71111.11) in January 2017 at Surry Power Station. 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 January 23, 2017.

A. In-office inspection material:

1. List of all licensed individuals (active and inactive; RO and SRO) including license restrictions. [Date Due: October 21, 2016]
2. Organizational Chart for the training department including simulator fidelity staff, with phone number/email contact information. [Date Due: October 21, 2016]
3. Weekly examination schedules for the weeks that the 2017 annual operating exam will be administered, including the names/positions of the operating crew members, as well as any off-shift staff members, who will be examined during the week of January 23, 2017. [Date Due: December 30, 2016]
4. Site procedure(s) governing the conduct of license operator requalification training (classroom and simulator), examination development/administration, remedial training, and examination security. [Date Due: October 21, 2016]
5. Site procedure(s) governing the simulator configuration control, maintenance, and fidelity testing methods used to fulfill ANSI/ANS 3.5-2009 Requirements. [Date Due: October 21, 2016]
6. All 2016 Biennial written examination versions, answer keys (original and final), 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: October 21, 2016]
7. All JPMs that will be administered in the 2017 Annual exam weeks, including spreadsheets or outlines that show the usage of the JPMs in all of the 2017 Annual exam weeks. EXAM SECURITY ITEM [Date Due: December 30, 2016,]
8. All simulator scenarios that will be administered in the 2017 Annual exam weeks, including which scenarios are assigned to a specific week. EXAM SECURITY ITEM [Date Due: December 30, 2016]
9. Corrective action reports, written since January 2015 (last biennial requalification inspection), which document operator errors or performance problems that occurred in the actual main control room, including the corrective actions.

Enclosure

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 for the inspectors to observe the operating crew and evaluators on January 24 & 25, 2017.
4. All remedial training documentation for any licensed operator (active or inactive) that failed an examination since January 2015.
5. List of all individuals that reactivated their licenses since January 2015.
6. Records that support verification of 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 January 2015.
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