



UNITED STATES  
NUCLEAR REGULATORY COMMISSION

REGION III  
2443 WARRENVILLE ROAD, SUITE 210  
LISLE, ILLINOIS 60532-4352

September 24, 2018

Mr. Bryan C. Hanson  
Senior VP, Exelon Generation Company, LLC  
President and CNO, Exelon Nuclear  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BYRON STATION, UNITS 1 AND 2—NOTIFICATION OF AN NRC BIENNIAL  
LICENSED OPERATOR REQUALIFICATION PROGRAM INSPECTION AND  
REQUEST FOR INFORMATION

Dear Mr. Hanson:

In a telephone conversation on September 20, 2018, between Mr. R. Baker, Senior Operations Engineer, the NRC lead inspector for this inspection, and Mr. R. Lawlor, Site Training Director, final arrangements were made for the U. S. Nuclear Regulatory Commission (NRC) to inspect the Licensed Operator Requalification Program at the Byron Nuclear Power Plant. The inspection is planned for the week of October 22, 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.

In accordance with Title 10 of the *Code of Federal Regulations*, Part 55.59(c), the NRC may request facility licensees to submit their biennial comprehensive requalification written examinations and annual operating tests as necessary to support the NRC's inspection program needs. In order to minimize the impact that the inspection has on the site and to ensure a productive inspection, we have enclosed a request for documents needed for the inspection. Please furnish the items listed in the first group of the attached enclosure, needed to support our in-office inspection activities, to the NRC by October 10, 2018. Please have the items listed in the second group of the attached enclosure available for the inspectors during the onsite portion of the inspection activities. Mr. R. Lawlor has been advised of this request.

Thank you for your cooperation in this matter. If there are any questions regarding either the inspection, or the material requested in the enclosure, please contact me at 630-829-9871 or via e-mail at [Randal.Baker@nrc.gov](mailto:Randal.Baker@nrc.gov).

This letter does not contain new or amended information collection requirements subject to the Paperwork Reduction Act of 1995 (44 U.S.C. 3501 et seq.). Existing information collection requirements were approved by the Office of Management and Budget, Control Number 3150-0011. The NRC may not conduct or sponsor, and a person is not required to respond to, a request for information or an information collection requirement unless the requesting document displays a currently valid Office of Management and Budget Control Number.

This letter and its enclosure will be made available for public inspection and copying at <http://www.nrc.gov/reading-rm/adams.html> and at the NRC Public Document Room in accordance with Title 10 of the *Code of Federal Regulations*, Part 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

***/RA/***

Randal D. Baker, Senior Operations Engineer  
Operations Branch  
Division of Reactor Safety

Docket Nos. 50-454; 50-455  
License Nos. NPF-37; NPF-66

Enclosure:  
Requested Information to Support Licensed  
Operator Requalification Program and  
Licensed Operator Performance  
Inspection (IP 71111.11)

cc: Distribution via LISTSERV®

Letter to Bryan C. Hanson from Randal D. Baker dated September 24, 2018.

SUBJECT: BYRON STATION, UNITS 1 AND 2—NOTIFICATION OF AN NRC BIENNIAL LICENSED OPERATOR REQUALIFICATION PROGRAM INSPECTION AND REQUEST FOR INFORMATION

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**REQUESTED INFORMATION TO SUPPORT LICENSED OPERATOR REQUALIFICATION PROGRAM AND LICENSED OPERATOR PERFORMANCE INSPECTION (IP 71111.11)**

Please provide the following information on a CD/DVD, if possible, by **October 10, 2018**.

1. One complete version of a biennial requalification written examination administered during the training cycle.
2. Ten (10) job performance measures (JPMs) and four (4) simulator scenarios associated with an annual requalification operating test required by Title 10 of the *Code of Federal Regulations*, Part 55.59(a)(2). The JPMs and scenarios to be reviewed should include those that will be observed during the onsite portion of this inspection, with any remaining JPMs and scenarios selected from other weeks within the same training cycle.
3. Complete versions of the reference materials used to develop the administered written examinations and operating tests. (Refer to ES-201 Attachment 3, Reference Material Guidelines for Initial Licensing Examinations, for additional examples and clarification.)
4. Spreadsheets and/or test outlines which show the usage of written examination questions, JPMs, and simulator scenarios.
5. A list (or lists) of licensee-identified issues associated with licensed operator errors or other licensed operator performance problems which have occurred in the actual plant/main control room since the last biennial requalification program, their associated corrective actions, and if these issues were incorporated into requalification training. (These issues are likely documented in condition/problem identification reports, licensee-conducted audits and assessments, and in industry operating experience reports, etc.)
6. Facility licensee procedures for licensed operator requalification training and examination, including examination security procedures.
7. A schedule of the licensee's examination activities during the on-site inspection week.

Please have the following information available for NRC review on **October 22, 2018**.

1. Licensed operator pass/fail statistics for any NRC-required requalification examinations that have been completed.
2. An overall schedule of the facility licensee's requalification program since the last biennial inspection (cycle weeks, training topics, etc.).
3. A list and descriptions of any examination security problems since the last biennial inspection (likely documented in training department condition/problem identification reports).
4. Records for licensed operator requalification training attendance, licensed operator performance in requalification, licensed operator remedial training, individual licensed operator medical records, and records for maintaining an active license and license re-activation.
5. Simulator testing, maintenance, modification, and performance records. Simulator corrective action records, including lists of open/closed simulator deficiencies, and corrective actions taken.

Enclosure