



**UNITED STATES  
NUCLEAR REGULATORY COMMISSION**

REGION III  
2443 WARRENVILLE RD. SUITE 210  
LISLE, IL 60532-4352

March 8, 2017

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

SUBJECT: DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3 – NRC INITIAL  
LICENSE REEXAMINATION REPORT 05000237/2016302; 05000249/2016302

Dear Mr. Hanson:

On March 2, 2017, the U.S. Nuclear Regulatory Commission (NRC) completed the initial operator licensing reexamination process for license re-applicants employed at your Dresden Nuclear Power Station, Units 2 and 3. The enclosed report documents the results of those examinations. An exit meeting was conducted on March 2, 2017, between Mr. Thomas Dean, other members of your staff, and Mr. Jesse Seymour, Chief Operator Licensing Examiner, to review observations noted during the examination process as well as the proposed final grading of the operating reexamination for the license re-applicants.

The NRC examiner administered an initial license reexamination operating test during the week of February 27, 2017. Two Senior Reactor Operator re-applicants were administered license reexaminations. The results of the reexaminations were finalized on March 6, 2017. Two applicants passed all sections of their respective reexaminations; two were issued senior operator licenses.

The examination and other related examination documentation will be withheld from public disclosure for 24 months per your request.

This letter, its enclosure, and your response (if any) 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* 2.390, "Public Inspections, Exemptions, Requests for Withholding."

Sincerely,

*/RA/*

Robert J. Orlikowski, Chief  
Operations Branch  
Division of Reactor Safety

Docket Nos. 50-237; 50-249  
License Nos. DPR-19; DPR-25

Enclosures:

1. Operator Licensing Reexamination  
Report 05000237/2016302;  
05000249/2016302
2. Simulation Facility Fidelity Report

cc: Distribution via LISTSERV®  
T. Dean, Training Director,  
Dresden Nuclear Power Station

Letter to Bryan C. Hanson from Robert J. Orlikowski dated March 8, 2017

SUBJECT: DRESDEN NUCLEAR POWER STATION, UNITS 2 AND 3 – NRC INITIAL  
LICENSE REEXAMINATION REPORT 05000237/2016302 AND  
05000249/2016302

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U.S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos: 05000237; 05000249  
License Nos: DPR-19; DPR-25

Report No: 05000237/2016302; 05000249/2016302

Licensee: Exelon Generation Company, LLC

Facility: Dresden Nuclear Power Station, Units 2 and 3

Location: Morris, IL

Dates: March 1 – March 2, 2017

Inspector: J. Seymour, Operations Engineer - Chief Examiner

Approved by: R. Orlikowski, Chief  
Operations Branch  
Division of Reactor Safety

## **SUMMARY**

Examination Report 05000237/2016302; 05000249/2016302; 03/01/2017 – 03/02/2017;  
Exelon Generation Company, LLC; Dresden Nuclear Power Station, Units 2 and 3;  
Initial License Reexamination Report.

The announced initial operator licensing reexamination was conducted by regional U.S. Nuclear Regulatory Commission examiners in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 10.

### Examination Summary

Two of two re-applicants passed all sections of their respective reexaminations. Two applicants were issued senior operator licenses. (Section 4OA5.1).

## REPORT DETAILS

### 40A5 Other Activities

#### .1 Initial Licensing Examinations

##### a. Examination Scope

The U.S. Nuclear Regulatory Commission (NRC) examiner and members of the facility licensee's staff used the guidance prescribed in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 10, to develop, validate, administer, and grade the operating test. Members of the facility licensee's staff prepared the outline and developed the operating test. The NRC examiner validated the proposed examination during the week of February 27, 2017, with the assistance of members of the facility licensee's staff. During the on-site validation, the examiner audited one license re-application for accuracy. The NRC examiner, with the assistance of members of the facility licensee's staff, administered the operating test, consisting of job performance measures (JPMs), during the period of March 1, 2017, through March 2, 2017.

##### b. Findings

###### (1) Operating Test

The NRC examiner determined that the operating test, as originally proposed by the licensee, was within the range of acceptability expected for a proposed examination. Examination changes agreed upon between the NRC and the facility were made according to NUREG-1021, Revision 10. Changes made to the operating test, documented in a document titled, "Operating Test Comments," as well as the final as administered JPMs, are available electronically in the NRC Public Document Room or from the Publicly Available Records component of NRC's Agencywide Document Access and Management System.

The NRC examiner completed operating test grading on March 6, 2017.

###### (2) Examination Results

Two re-applicants at the Senior Reactor Operator level were administered operating tests. Two re-applicants passed all portions of their reexaminations and were issued their respective operating licenses on March 6, 2017.

#### .2 Examination Security

##### a. Scope

The NRC examiner reviewed and observed the licensee's implementation of examination security requirements during the examination validation and administration to assure compliance with Title 10 of the *Code of Federal Regulations*, Section 55.49, "Integrity of Examinations and Tests." The examiners used the guidelines provided in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," to determine acceptability of the licensee's examination security activities.

b. Findings

No findings were identified.

4OA6 Management Meetings

.1 Exit Meeting

The chief examiner conducted an exit meeting to present observations and findings on March 2, 2017, with T. Dean, Training Director. The examiner asked the licensee whether any of the material used to develop or administer the examination should be considered proprietary. Proprietary or sensitive information identified during the examination or exit meeting will be handled in accordance with the applicable requirements.

ATTACHMENT: SUPPLEMENTAL INFORMATION

## **SUPPLEMENTAL INFORMATION**

### **KEY POINTS OF CONTACT**

#### Licensee

T. Dean, Training Director  
P. Hansett, Work Control Director  
R. Bauman, Shift Operations Superintendent  
B. Pigg, Shift Manager  
D. Thomas, Manager Operations Training  
C. Kolotka, Training Manager  
W. Cope, Senior Ops Training Instructor  
D. Walker, Senior Regulatory Specialist  
A. Rehn, Regulatory Engineer

#### U.S. Nuclear Regulatory Commission

G. Roach, Senior Resident Inspector  
J. Seymour, Operations Engineer – Chief Examiner

### **ITEMS OPENED, CLOSED, AND DISCUSSED**

#### Opened, Closed, and Discussed

None

### **LIST OF ACRONYMS USED**

JPM	Job Performance Measure
NRC	U.S. Nuclear Regulatory Commission



## SIMULATION FACILITY FIDELITY REPORT

Facility Licensee: Dresden Nuclear Power Station, Units 2 and 3

Facility Docket No: 50-237; 50-249

Operating Tests Administered: March 1, 2017 – March 2, 2017

The following documents observations made by the NRC examination team during the initial operator license examination. These observations do not constitute audit or inspection findings and are not, without further verification and review, indicative of non-compliance with 10 CFR 55.45(b). These observations do not affect NRC certification or approval of the simulation facility other than to provide information which may be used in future evaluations. No licensee action is required in response to these observations.

During the conduct of the simulator portion of the operating tests, the following items were observed:

<b>ITEM</b>	<b>DESCRIPTION</b>
None	None