

July 25, 2002

Mr. John L. Skolds, President  
Exelon Nuclear  
Exelon Generation Company, LLC  
4300 Winfield Road  
Warrenville, IL 60555

SUBJECT: BRAIDWOOD STATION  
NRC INITIAL LICENSE EXAMINATION REPORT 50-456/02-301(DRS);  
50-457/02-301(DRS)

Dear Mr. Skolds:

On July 18, 2002, the NRC completed initial operator licensing examinations at your Braidwood Station. The enclosed report presents the results of the examination.

Braidwood Station training department personnel administered the written examination on July 17, 2002, and NRC examiners administered the operating tests during the weeks of July 8, 2002, and July 15, 2002. Six Reactor Operator and five Senior Reactor Operator applicants were administered license examinations. The results of the examinations were finalized on July 24, 2002. Each of the applicants passed all sections of their respective examinations and were issued the applicable operator licenses.

This initial license examination was developed by your staff and was within the quality range expected by the NRC. There were no post-examination changes made to the written examination, and few problems were identified during the review and administration of the operating test.

In accordance with 10 CFR Part 2.790 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).

J. Skolds

-2-

We will gladly discuss any questions you have concerning this examination.

Sincerely,

***/RA by Roy Caniano Acting For/***

John A. Grobe, Director  
Division of Reactor Safety

Docket Nos. 50-456; 50-457  
License Nos. NPF-72; NPF-77

Enclosures:   1. Operator Licensing Examination Report  
                      50-456/02-301(DRS); 50-457/02-301(DRS)  
                      2. Simulation Facility Report  
                      3. Written Examinations and Answer Keys (RO & SRO)

cc w/encls 1 & 2:   Braidwood Station Plant Manager  
                          Regulatory Assurance Manager - Braidwood  
                          Chief Operating Officer  
                          Senior Vice President - Nuclear Services  
                          Senior Vice President - Mid-West Regional  
                          Operating Group  
                          Vice President - Mid-West Operations Support  
                          Vice President - Licensing and Regulatory Affairs  
                          Director Licensing - Mid-West Regional  
                          Operating Group  
                          Manager Licensing - Braidwood and Byron  
                          Senior Counsel, Nuclear, Mid-West Regional  
                          Operating Group  
                          Document Control Desk - Licensing  
                          M. Aguilar, Assistant Attorney General  
                          Illinois Department of Nuclear Safety  
                          State Liaison Officer  
                          Chairman, Illinois Commerce Commission

cc w/encl 1, 2, & 3:   D. Myers, Station Training Manager

J. Skolds

-2-

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Regulatory Assurance Manager - Braidwood  
Chief Operating Officer  
Senior Vice President - Nuclear Services  
Senior Vice President - Mid-West Regional  
Operating Group  
Vice President - Mid-West Operations Support  
Vice President - Licensing and Regulatory Affairs  
Director Licensing - Mid-West Regional  
Operating Group  
Manager Licensing - Braidwood and Byron  
Senior Counsel, Nuclear, Mid-West Regional  
Operating Group  
Document Control Desk - Licensing  
M. Aguilar, Assistant Attorney General  
Illinois Department of Nuclear Safety  
State Liaison Officer  
Chairman, Illinois Commerce Commission

cc w/encl 1, 2, & 3: D. Myers, Station Training Manager

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

Docket Nos.	50-456; 50-457
License Nos.	NPF-72; NPF-77
Report No:	50-456/02-301(DRS); 50-457/02-301(DRS)
Licensee:	Exelon Generation Company, LLC
Facility:	Braidwood Station, Units 1 and 2
Location:	35100 S. Route 53 Suite 84 Braceville, IL 60407-9617
Dates:	July 8, 2002 through July 18, 2002
Examiners:	M. Bielby, Chief Examiner B. Palagi, Reactor Engineer R. Walton, Reactor Engineer
Approved by:	John A. Grobe, Director Division of Reactor Safety

## SUMMARY OF FINDINGS

ER 05000456-02-301, ER 05000457-02-301, on 07/8-18/2002, Exelon Generation Company, LLC, Braidwood Station, Units 1 & 2. Initial License Examination Report.

The announced operator licensing initial examination was conducted by regional examiners in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1.

### Examination Summary:

- Six Reactor Operator applicants and five Senior Reactor Operator applicants were administered written examinations and operating tests for initial operator licensing. Each of the applicants passed all sections of their respective examinations and were issued the applicable operator licenses.

## Report Details

### **4. OTHER ACTIVITIES (OA)**

#### 4OA5 Other

##### .1 Initial Licensing Examinations

###### a. Examination Scope

The NRC examiners conducted announced operator licensing initial examinations during the weeks of July 8, 2002, and July 15, 2002. The facility's training staff used the guidance established in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 8, Supplement 1, to prepare the examination outline and to develop the written examination and operating test. The NRC examiners administered the operating test during the weeks of July 8, 2002, and July 15, 2002. The facility's training staff administered the written examination on July 17, 2002. Six Reactor Operator applicants and five Senior Reactor Operator applicants were examined.

###### b. Findings

###### Written Examination

During their initial review, the examiners determined that the examination, as submitted by the licensee, was within the range of acceptability expected for a proposed examination. There were no post-examination changes to the written examination.

###### Operating Test

The NRC examiners determined that the operating test, as originally submitted by the licensee, was within the range of acceptability expected for a proposed examination.

###### Examination Results

Six Reactor Operator applicants and five Senior Reactor Operator applicants were administered written examinations and operating tests for initial operator licensing. Each of the applicants passed all sections of their respective examinations and were issued the applicable operator licenses.

##### .2 Examination Security

###### a. Inspection Scope

The examiners reviewed and observed the licensee's implementation of examination security requirements during the examination preparation and administration.

b. Findings

The NRC examiners determined that the licensee's examination security practices associated with the development and administration of the operator license examinations were satisfactory.

4OA6 Meetings

Exit Meeting

The examiners presented the examination team's preliminary observations and findings to Mr. Joyce and other members of the licensee management on July 18, 2002. The licensee acknowledged the observations and findings presented.



## PARTIAL LIST OF PERSONS CONTACTED

### Licensee

J. von Suskil, Site Vice President  
T. D'Orazio, Simulator Facility Representative  
S. DePrest, Sr. Training Specialist  
G. Dudek, Operations Manager  
P. Hippely, Training Specialist  
T. Joyce, Plant Manager  
D. Myers, Training Director  
M. Olson, Training Specialist  
A. Ferko, Regulatory Assurance Manager  
S. Russell, MWOROG Exam Coordinator  
B. Spahr, Operations Training Manager  
M. Trusheim, Shift Operations Supervisor

### NRC

J. Neurauter, Region III Reactor Engineer  
N. Shah, Braidwood Resident Inspector

## ITEMS OPENED, CLOSED AND DISCUSSED

### Opened

None

### Closed

None

### Discussed

None

## LIST OF ACRONYMS USED

ADAMS	Agency-Wide Document Access and Management System
DRS	Division of Reactor Safety
NRC	Nuclear Regulatory Commission
PARS	Publicly Available Records
RO	Reactor Operator
SRO	Senior Reactor Operator

SIMULATION FACILITY REPORT

Facility Licensee: Braidwood Station

Facility Docket No.: 50-456; 50-457

Operating Tests Administered: July 8 - 16, 2002

The following documents an observation made by the NRC examination team during the initial operator license examination. This observation does not constitute an audit or inspection finding and is not, without further verification and review, indicative of non-compliance with 10 CFR 55.45(b). This observation does 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 this observation.

During the conduct of the simulator portion of the operating tests, the following item was observed:

ITEM	DESCRIPTION
1.	During administration of Job Performance Measure RO A.1(1) Meter OTI-VA034 on Panel OPM02J was noted to be oscillating. This meter may be failing.

Enclosure 3

WRITTEN EXAMINATIONS AND ANSWER KEYS (RO/SRO)

RO/SRO Examination ADAMS Accession #ML022070641