

January 8, 2004

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

SUBJECT: BYRON STATION
NRC INITIAL LICENSE EXAMINATION REPORT 05000454/2003301(DRS);
05000455/2003301(DRS)

Dear Mr. Skolds:

On December 12, 2003, NRC examiners completed initial operator licensing examinations at your Byron Station. The enclosed report presents the results of the examination.

The NRC examiners administered an initial license examination operating test during the weeks of December 1, 2003, and December 8, 2003. A written examination was administered by Byron Station training personnel on December 10, 2003. Three Reactor Operator (RO) and eight Senior Reactor Operator (SRO) applicants were administered license examinations. The results of the examinations were finalized on December 23, 2003. All applicants passed all sections of their respective examinations and were issued applicable operator licenses.

In accordance with 10 CFR Part 2.790 of the NRC's "Rules of Practice," a copy of this letter and its enclosures 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

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

Sincerely,

/RA/

Roger D. Lanksbury, Chief
Operations Branch
Division of Reactor Safety

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

- Enclosures:
1. Operator Licensing Examination
Report 05000454/2003301(DRS);
05000455/2003301(DRS)
 2. Simulation Facility Report
 3. Written Examinations and Answer
Keys (RO & SRO)

cc w/encls 1 & 2:

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

cc w/encls 1, 2, & 3: R. Kolo, Training Director

J. Skolds

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Vice President - Licensing and Regulatory Affairs
Director Licensing
Manager Licensing - Braidwood and Byron
Senior Counsel, Nuclear
Document Control Desk - Licensing
Assistant Attorney General
Illinois Department of Nuclear Safety
State Liaison Officer
State Liaison Officer, State of Wisconsin
Chairman, Illinois Commerce Commission

cc w/encls 1, 2, & 3: R. Kolo, Training Director

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U. S. NUCLEAR REGULATORY COMMISSION

REGION III

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

Report No: 05000454/2003301(DRS); 05000455/2003301(DRS)

Licensee: Exelon Generation Company, LLC

Facility: Byron Station

Location: 4448 North German Church Road
Byron, IL 61010

Dates: December 1 through December 12, 2003

Examiners D. McNeil, Chief Examiner
N. Valos, Examiner
R. Walton, Examiner

Approved by: Roger D. Lanksbury, Chief
Operations Branch
Division of Reactor Safety

Enclosure 1

SUMMARY OF FINDINGS

ER 05000454/2003301(DRS), 05000455/2003301(DRS); 12/01/2003-12/12/2003; Byron Station. Initial License Examination Report.

The announced operator licensing initial examination was conducted by regional NRC examiners in accordance with the guidance of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Draft.

Examination Summary:

- Eleven applicants (three Reactor Operators (ROs) and eight Senior Reactor Operators (SROs)) passed all sections of their respective examinations and were issued applicable operator licenses (Section 40A5.1).

REPORT DETAILS

4. OTHER ACTIVITIES (OA)

4OA5 Other

.1 Initial Licensing Examinations

a. Examination Scope

The NRC examiners conducted an announced operator licensing initial examination during the weeks of December 1 and December 8, 2003. The facility's training staff used the guidance established in NUREG-1021, "Operator Licensing Examination Standards for Power Reactors," Revision 9, Draft, 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 December 1 and December 8, 2003. Byron Station training staff members administered the written examination on December 10, 2003. Three Reactor Operator and eight Senior Reactor Operator applicants were examined.

b. Findings

Written Examination

The licensee developed the 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. During examination validation the week of November 17, 2003, examination changes agreed upon between the NRC and the licensee were incorporated according to the guidance contained in NUREG-1021.

All applicants passed the written examination. The licensee had no post examination comments on 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 changes, agreed upon between the NRC and the licensee, were made according to NUREG-1021.

Examination Results

All applicants passed all sections of their respective operating tests. The applicants were issued applicable operator licenses.

.2 Examination Security

a. Examination Scope

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

b. Findings

No findings were noted in this area. The licensee staff was observed to be enforcing correct examination security procedures.

4OA6 Meetings

Exit Meeting

- .1 The chief examiner presented the examination team's preliminary observations and findings on December 12, 2003, to Mr. Kuczynski and other members of the Byron Station Operations and Training Department staff. The licensee acknowledged the observations and findings presented.

ATTACHMENT: SUPPLEMENTAL INFORMATION

SUPPLEMENTAL INFORMATION

KEY POINTS OF CONTACT

Licensee

S. Kuczynski, Vice President, Byron Station
B. Adams, Byron Engineering Director
S. Briggs, Byron Operations SOS
G. Contrady, Byron Nuclear Oversight
D. Drawbaugh, Byron NRC Coordinator
T. Foss, Byron Operations Training
B. Grundmann, Byron Reg. Assurance Manager
R. Kolo, Byron Training Director
S. Stimac, Byron Operations Manager

NRC

R. Skokowski, Senior Resident Inspector, Byron
P. Snyder, Resident Inspector, Byron

ITEMS OPENED, CLOSED AND DISCUSSED

Opened

None

Closed

None

Discussed

None

LIST OF ACRONYMS

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

WRITTEN EXAMINATIONS AND ANSWER KEYS (RO/SRO)

RO Initial Examination ADAMS Accession #ML040130815

SRO Initial Examination ADAMS Accession #ML040130816