

November 20, 2002

Mr. John L. Skolds
President and CNO
Exelon Nuclear
Exelon Generation Company, LLC
4300 Winfield Road
5th Floor
Warrenville, IL 60555

SUBJECT: LIMERICK GENERATING STATION REACTOR OPERATOR AND SENIOR
REACTOR OPERATOR INITIAL EXAMINATION REPORT NO. 50-352/02-302;
50-353/02-302}

Dear Mr. Skolds:

This report transmits the results of the Reactor Operator (RO) and Senior Reactor Operator (SRO) licensing examination conducted by the NRC during the period of October 4 - 11, 2002. This examination addressed areas important to public health and safety and was developed and administered using the guidelines of the "Examination Standards for Power Reactors" (NUREG-1021, Revision 8, Supplement 1).

Based on the results of the examination, all seven Senior Reactor Operator and all four Reactor Operator applicants passed all portions of the examination. The eleven applicants included four ROs, six instant SROs and one upgrade SRO. Examination results indicated that the applicants were well prepared for the examination. Mr. P. Bissett discussed performance insights observed during the examination with Mr. C. Rich and others of your staff on October 11, 2002. On October 25, 2002, final examination results, including individual license numbers, were given during a telephone call between Mr. Bissett and Mr. Rich.

In accordance with 10 CFR 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). These records include the final examination and are available in ADAMS ({RO and SRO} Written - Accession Number ML023100387; {RO and SRO} Operating Section A - Accession Number ML023100411; {RO and SRO} Operating Section B - Accession Number ML023100440; and {RO and SRO} Operating Section C - Accession Number ML023100451). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/ADAMS.html> (the Public Electronic Reading Room).

Mr. John L. Skolds

2

Should you have any questions regarding this examination, please contact me at (610) 337-5183, or by E-mail at RJC@NRC.GOV.

Sincerely,

/RA/

Richard J. Conte, Chief
Operational Safety Branch
Division of Reactor Safety

Docket Nos. 50-352/353
License Nos. NPF-39/NPF-85

Enclosure: Initial Examination Report No. 50-352/02-302; 50-353/02-302

cc w/encl:

Senior Vice President, Mid-Atlantic Regional Operating Group
President and CNO, Exelon Nuclear
Senior Vice President - Nuclear Services
Vice President - Mid-Atlantic Operations Support
Chairman, Nuclear Safety Review Board
Director - Licensing, Mid-Atlantic Regional Operating Group
Vice President - Licensing and Regulatory Affairs
Site Vice President - Limerick Generating Station
Plant Manager, Limerick Generating Station
Regulatory Assurance Manager - Limerick
D. Allard, Director, Pennsylvania Bureau of Radiation Protection
R. Janati, Chief, Division of Nuclear Safety, Pennsylvania Bureau of
Radiation Protection
Secretary, Nuclear Committee of the Board
Vice President, General Counsel and Secretary
Correspondence Control Desk
J. Johnsrud, National Energy Committee
Chairman, Board of Supervisors of Limerick Township
Manager, Licensing - Limerick and Peach Bottom

Distribution w/encl: (VIA E-MAIL)

Region I Docket Room (with concurrences)

A. Burritt, SRI - NRC Resident Inspector

H. Miller, RA

J. Wiggins, DRA

M. Shanbaky, DRP

D. Florek, DRP

S. Iyer, DRP

H. Nieh, RI EDO Coordinator

J. Andersen, NRR

S. Wall, PM, NRR

J. Boska, PM, NRR

Patricia Milligan, NRR

T. Byron, INPO (byrontr@inpo.org)

W. Lanning, DRS

R. Crljenjak, DRS

R. Conte, DRS

P. Bissett, Chief Examiner, DRS

C. Buracker, DRS (Master Exam File)

DRS File

DOCUMENT NAME:C:\ORPCheckout\FileNET\ML023240584.wpd**ADAMS PACKAGE: ML021680241**

After declaring this document "An Official Agency Record" it **will** be released to the Public.

To receive a copy of this document, indicate in the box: "C" = Copy without attachment/enclosure "E" = Copy with attachment/enclosure "N" = No copy

OFFICE	RI/DRS/OSB		RI/DRS/OSB		RI/DRP/PB4		RI/DRS/OSB		
NAME	CBuracker		PBissett		MShanbaky		RJConte		
DATE	11 /18/02		11 /13/02		11 /19/02		11/20/02		

OFFICIAL RECORD COPY

U. S. NUCLEAR REGULATORY COMMISSION

REGION I

Docket No(s): 50-352
50-353

License No: NPF-39
NPF-85

Report No: 50-352/02-302
50-353/02-302

Licensee: Exelon Nuclear

Facility: Limerick Generating Station

Dates: October 4, 2002 (Written Examination Administration)
October 7 - 11, 2002 (Operating Test Administration)
October 15 - 18, 2002 (Examination Grading)

Examiners: P. Bissett, Senior Operations Engineer (Chief Examiner)
H. Williams, Senior Operations Engineer (Consultant)
S. Barr, Operations Engineer
J. Laughlin, Operations Engineer

Approved by: Richard J. Conte, Chief
Operational Safety Branch
Division of Reactor Safety

SUMMARY OF FINDINGS

IR 05000352/02-302;05000353/02-302; Limerick Generating Station, Units 1 & 2; Initial Operator Licensing Examination. Eleven of eleven applicants passed the examination (four reactor operators, six instant senior reactor operators, and one upgrade senior reactor operator).

The written examinations were administered by the facility and the operating tests were administered by four NRC region-based examiners, one of whom was under instruction. There were no inspection findings of significance associated with the examinations.

Report Details

1. REACTOR SAFETY

Mitigating Systems - Reactor Operator (RO) and Senior Reactor Operator (SRO) Initial License Examination

a. Scope of Review

The Limerick Generating Station examination team developed the written and operating initial examinations and together with the NRC personnel, verified or ensured, as applicable, the following:

- The examination was prepared and developed in accordance with the guidelines of Revision 8, Supplement 1 of NUREG-1021, "Operator Licensing Examination Standards for Power Reactors." A review was conducted both in the Region I office and at the Limerick plant and training facility. Final resolution of comments and incorporation of test revisions were conducted during and following the onsite preparation week.
- Simulation facility operation was proper.
- A test item analysis was completed on the written examination for licensee feedback into their systems approach to training program.
- Examination security requirements were met.

The written examination was administered by the Limerick training staff on October 4, 2002. The NRC examiners administered the operating portion of the examination to all applicants from October 7 - 11, 2002.

b. Findings

Grading and Results

All eleven applicants (seven SROs and four ROs) passed all portions of the initial licensing examination.

The facility had no post-examination comments.

Examination Administration and Performance

During the performance of one RO administrative JPM "Activate the Site Evacuation Alarm and Make Station Announcement," all four Reactor Operators failed to correctly perform the task in all respects. One RO was rated as unsatisfactory in this area as a result of not performing a critical step correctly. The other 3 ROs made various mistakes during their performance of this JPM, however they did not misperform any critical steps.

On October 25, 2002, the NRC provided conclusions and examination results to Limerick management representatives via telephone. License numbers for all eleven applicants were also provided during this time.

The NRC expressed appreciation for the cooperation and assistance that was provided during the preparation and administration of the examination by the licensee's training staff.

KEY POINTS OF CONTACT

LICENSEE

C. Rich	Operations Training Manager
P. Nielsen	Exelon NRC Exam Coordinator
J. Stevens	Senior Instructor, Operator Training

NRC

P. Bissett	Senior Operations Engineer
J. Williams	Senior Operations Engineer (NRC Consultant)
S. Barr	Operations Engineer
J. Laughlin	Operations Engineer

LIST OF ITEMS OPENED, CLOSED, AND DISCUSSED

<u>ITEM NUMBER</u>	<u>TYPE</u>	<u>DESCRIPTION</u>
NONE		