

April 25, 2000

Dr. Gunter Kegel, Director  
Nuclear Radiation Laboratory  
University of Massachusetts — Lowell  
One University Avenue  
Lowell, Massachusetts 01854

SUBJECT: INITIAL EXAMINATION REPORT NO. 50-223/OL-00-01

Dear Dr. Kegel:

During the week of April 3, 2000 the NRC administered initial examinations to employees of your facility who had applied for a license to operate your University of Massachusetts-Lowell Reactor. The examination was conducted in accordance with NUREG-1478, "Non-Power Reactor Operator Licensing Examiner Standards," Revision 1. At the conclusion of the examination, the examination questions and preliminary findings were discussed with those members of your staff identified in the enclosed report.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this examination, please contact Paul Doyle at 301-415-1058, or Internet e-mail [pvd@nrc.gov](mailto:pvd@nrc.gov).

Sincerely,

**/RA/**

Ledyard B. Marsh, Chief  
Events Assessment, Generic Communications  
and Non-Power Reactors Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-223

Enclosures: 1. Initial Examination Report  
No. 50-223/OL-00-02

cc w/encls:  
Please see next page

University of Massachusetts  
Lowell

Docket No. 50-223

cc:

Mayor of Lowell  
City Hall  
Lowell, Massachusetts 08152

Mr. Leo Bobek  
Nuclear Reactor Supervisor  
University of Massachusetts Lowell  
One University Avenue  
Lowell, Massachusetts 01854

Office of the Attorney General  
Environmental Protection Division  
19th Floor  
One Ashburton Place  
Boston, Massachusetts 02108

April 25, 2000

Dr. Gunter Kegel, Director  
Nuclear Radiation Laboratory  
University of Massachusetts — Lowell  
One University Avenue  
Lowell, Massachusetts 01854

SUBJECT: INITIAL EXAMINATION REPORT NO. 50-223/OL-00-01

Dear Dr. Kegel:

During the week of April 3, 2000 the NRC administered initial examinations to employees of your facility who had applied for a license to operate your University of Massachusetts-Lowell Reactor. The examination was conducted in accordance with NUREG-1478, "Non-Power Reactor Operator Licensing Examiner Standards," Revision 1. At the conclusion of the examination, the examination questions and preliminary findings were discussed with those members of your staff identified in the enclosed report.

In accordance with 10 CFR 2.790 of the Commission's regulations, a copy of this letter and the enclosures will be placed in the NRC Public Document Room.

Should you have any questions concerning this examination, please contact Paul Doyle at 301-415-1058, or Internet e-mail pvd@nrc.gov.

Sincerely,

/RA/

Ledyard B. Marsh, Chief  
Events Assessment, Generic Communications  
and Non-Power Reactors Branch  
Division of Regulatory Improvement Programs  
Office of Nuclear Reactor Regulation

Docket No. 50-223

Enclosures: 1. Initial Examination Report  
No. 50-223/OL-00-02

cc w/encls:  
Please see next page

DISTRIBUTION:

PUBLIC  
TDragoun, RI  
Facility File (EBarnhill)  
PDoyle

REXB r/f  
DMatthews  
TMichaels, PM

DOCUMENT NAME: ML003702342

TEMPLATE #:NRR-074

OFFICE	REXB:CE	E	IOLB	E	REXB:BC/ABC	
NAME	PDoyle		EBarnhill		LMarsh/JLyons	
DATE	04/ 10/00		04/ /00		04/ /00	

C = COVER

E = COVER & ENCLOSURE  
OFFICIAL RECORD COPY

N = NO COPY

U. S. NUCLEAR REGULATORY COMMISSION  
OPERATOR LICENSING INITIAL EXAMINATION REPORT

REPORT NO.: 50-223/OL-00-02

FACILITY DOCKET NO.: 50-223

FACILITY LICENSE NO.: R-125

FACILITY: University of Massachusetts-Lowell

EXAMINATION DATES: April 7, 2000

EXAMINER: Paul V. Doyle, Chief Examiner

SUBMITTED BY: IRA/ 4/10/00  
Paul V. Doyle, Chief Examiner Date

SUMMARY:

The NRC administered Senior Reactor Operator Upgrade Examinations to three candidates. All three candidates passed.

**REPORT DETAILS**

1. Examiners:  
Paul Doyle, Chief Examiner

2. Results:

	RO PASS/FAIL	SRO PASS/FAIL	TOTAL PASS/FAIL
Written	0/0	0/0	0/0
Operating Tests	0/0	3/0	3/0
Overall	0/0	3/0	3/0

3. Exit Meeting:  
Paul Doyle, NRC, Examiner  
Leo Bobek, U. Mass.-Lowell, Reactor Supervisor

Following completion of the examinations, the examiner discussed the operating tests, noting any weaknesses demonstrated by the candidates. There was no indication of any generic weaknesses. The examiner discussed the fact that with the implementation of ADAMS, the time to issue licenses has increased somewhat.