

November 22, 1999

Dr. John Bernard, Director  
of Reactor Operations  
Nuclear Reactor Laboratory  
Massachusetts Institute of Technology  
138 Albany Street  
Cambridge, Massachusetts 02139

Gentlemen:

**SUBJECT: INITIAL EXAMINATION REPORT NO. 50-020/OL-99-01**

During the week of September 27, 1999, the NRC administered an initial examination to employees of your facility who had applied for a license to operate your Massachusetts Institute of Technology 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 on the ADAMS SYSTEM.

Should you have any questions concerning this examination, please contact me on (301) 415-1168.

Sincerely,

Original signed by  
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. 50-020

- Enclosures: 1. Initial Examination Report  
No. 50-020/OL-99-01
- 2. Examination and answer key (RO)

cc w/enclosures:

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**Massachusetts Institute of  
Technology**

**cc:**

**City Manager  
City Hall  
Cambridge, MA 02139**

**Assistant Secretary for Policy  
Executive Office of Energy Resources  
100 Cambridge Street, Room 1500  
Boston, MA 02202**

**Department of Environmental  
Quality Engineering  
100 Cambridge Street  
Boston, MA 02108**