

April 8, 1996

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

SUBJECT: ISSUANCE OF AMENDMENT NO. 29 TO AMENDED FACILITY OPERATING
LICENSE NO. R-37 - MASSACHUSETTS INSTITUTE OF TECHNOLOGY RESEARCH
REACTOR (TAC NO. M94890)

Dear Dr. Bernard:

The Commission has issued enclosed Amendment No. 29 to Amended Facility
Operating License No. R-37 for the Massachusetts Institute of Technology. The
amendment consists of changes to the license in response to your submittal of
February 23, 1996, as supplemented on February 28, 1996.

The amendment allows a temporary increase in the possession limit for
uranium-235 from 29 kilograms to 41 kilograms until August 8, 1999.

A copy of the safety evaluation supporting Amendment No. 29 is also enclosed.

Sincerely,

Original signed by:

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

Docket No. 50-20

Enclosures:

- 1. Amendment No. 29
- 2. Safety Evaluation

cc w/enclosures:

See next page

TECHNICAL EDITOR: MMEJAC 03/19/96

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UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

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Sincerely,

A handwritten signature in cursive script, appearing to read "Alexander Adams, Jr.", written in dark ink.

Alexander Adams, Jr., Senior Project Manager
Non-Power Reactors and Decommissioning
Project Directorate
Division of Reactor Program Management
Office of Nuclear Reactor Regulation

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Massachusetts Institute of
Technology

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cc:

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City Hall
Cambridge, Massachusetts 02139

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

Department of Environmental
Quality Engineering
100 Cambridge Street
Boston, Massachusetts 02108