

DEC. 30 1992

Docket No. 50-20

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

Dear Dr. Bernard:

Subject: Inspection No. 50-20/92-02

An announced inspection of your reactor operations and radiation protection programs was conducted by Messrs. Thomas Dragoun and Stephen Holmes of this office on December 1-3, 1992, of activities authorized by NRC License No. R-37. A discussion of our findings was held with you and other members of your staff by Messrs. Dragoun and Holmes at the conclusion of this inspection.

Areas examined during this inspection included previously identified items, treatment room modifications, facility staffing, control of experiments, safety system surveillances, shipment of waste, and implementation of the radiation protection program. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspector.

The inspectors noted the excellence of the technical reviews of new experiments and of the radioactive waste shipping program. The other program areas were determined to be acceptable, although two areas identified in the enclosed report require additional review during future inspections. Within the scope of this review, no safety concerns or violations of regulatory requirements were observed.

No response to this letter is required. Your cooperation with us is appreciated.

Sincerely,
Original Signed By:
James H. Joyner

James H. Joyner, Chief
Facilities Radiological Safety
and Safeguards Branch
Division of Radiation Safety and
Safeguards

9301080038 921230
PDR ADOCK 05000020
G PDR

OFFICIAL RECORD COPY S:MIT9202 December 30, 1992

IE 06

DEC 30 1992

Massachusetts Institute of
Technology

2

Enclosure: NRC Region I Inspection Report No. 50-20/92-02

cc w/encl:

Dr. O. K. Harling, Director of the Reactor Laboratory

K. S. Kwok, Superintendent of Reactor Operations

Dr. William Vernetson, TRTR

K. Abraham, Public Affairs Officer (2)

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

Commonwealth of Massachusetts (2)

DEC 30 1992

Massachusetts Institute of
Technology

3

bcc w/encl:

Region I Docket Room (with concurrences)

S. Weiss, NRR (OWFN 10 D21)

J. Caldwell, NRR (OWFN 10 D22)

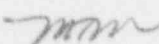
V. McCree, OEDO (OWFN 17 G21)

DRSS:RI



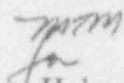
Dragoun
12/30/92

DRSS:RI



Miller
12/30/92

DRSS:RI



Holmes
12/30/92

DRSS:RI



Joyner
12/30/92

OFFICIAL RECORD COPY

S:MIT9202

December 30, 1992