

DCS
AUG 21 1991

Docket No. 50-20

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

Docket No. 70-938

Massachusetts Institute of Technology
Mr. F. X. Masse'
Campus Radiation Protection Officer
77 Massachusetts Avenue
Room 206-207
Cambridge, Massachusetts 02139

Dear Dr. Bernard and Mr. Masse':

Subject: Inspection Nos. 50-20/91-02 and 70-938/91-02

This letter refers to the inspection conducted by Messrs. M. Austin and C. Gordon of this office and Dr. L. Cohen of the Office of Nuclear Reactor Regulation on July 15-18, 1991, of activities authorized by NRC License Nos. R-37 and SNM-986 at your facilities in Cambridge, Massachusetts. At the conclusion of the inspection, a discussion of our findings was held by Mr. Austin with you and other members of your staff.

Areas examined during this inspection included a review of the emergency plan and your actions taken in response to previously identified items. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspectors.

Within the scope of the inspection, no safety concerns or violations were observed. Areas for improvement were identified in your emergency preparedness program and are described in Section 3.0 of this report.

No reply 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

200100

9109050019 910821
PDR ADOCK 05000020
Q PDR

"ORIGINAL RECORD COPY"

IE 06

AUG 21 1991

Enclosure: Combined NRC Region I Inspection Report Nos. 50-20/91-02 and 70-938/91-02

cc w/enc:

Dr. Alan M. Ducatman, M.D., Director, Environmental Medical Service
Dr. O. K. Harling, Director of the Reactor Laboratory
K. Kwok, Superintendent of Reactor Operations
Dr. W. Vernetson, Director of Nuclear Facilities, University of Florida
Public Document Room (PDR)
Local Public Document Room (LPDR)
Nuclear Safety Information Center (NSIC)
Commonwealth of Massachusetts

bcc w/enc:

Region I Docket Room (with concurrences)
Management Assistant, DRMA (w/o enc)
T. Dragoun, DRSS
J. Roth, DRSS
S. Soong, NMSS/IMSB (OWFN 6 H3)
A. Adams, NRR/IMSB (OWFN 11 B20)
L. Cohen, NRR/PEPB (OWFN 9 H15)
S. Weiss, NRR (OWFN 11 B20)

C26

DRSS:RI
Austin
8/20/91

C26

DRSS:RI
Gordon
8/20/91

C26

DRSS:RI
Bores
8/21/91

C26

DRSS:RI
Joyner
8/21/91

OFFICIAL RECORD COPY