

FEB 25 1994

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

Docket No. 70-938

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

Dear Dr. Bernard and Mr. Massé:

Subject: Combined Inspection Nos. 50-20/94-01 and 70-938/94-01

An announced inspection was conducted by Mr. Thomas Dragoun of this office on January 26-28, 1994, of activities authorized by NRC License Nos. R-37 and SNM-986. A discussion of our findings was held by Mr. Dragoun with Dr. Bernard and members of the reactor and radiation protection staffs at the conclusion of this inspection.

Areas examined during this inspection included status of previously identified items, corrective actions for a failed low-range amplifier, and implementation of the emergency preparedness program. Within these areas, the inspection consisted of selective examination of procedures and representative records, interviews with personnel, and observations by the inspector.

Within the scope of this review, no safety concerns were observed. However, an unresolved item, a matter about which more information is required to determine whether it is an acceptable issue, a deviation from a written commitment, or violation is identified in Section 5.4 of the enclosed report. No reply to this letter is required, but we would appreciate receiving any additional information related to the unresolved item that becomes available.

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

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Enclosure: NRC Region I Combined Inspection Report Nos. 50-20/94-01 and 70-938/94-01

cc w/encl:

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

Dr. W. Vernetson, TRTR

K. Abraham, PAO (2)

Public Document Room (PDR)

Local Public Document Room (LPDR)

Nuclear Safety Information Center (NSIC)

Commonwealth of Massachusetts (2)

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)

Dr. J. E. Glenn, NMSS/LLDR

J. A. Smith, NMSS/IMAB

RI:DRSS

Dragoun/imb

02/17/94

RI:DRSS

Joustra

02/17/94

RI:DRSS

Joyner

02/17/94