

LAHEY CLINIC MEDICAL CENTER

41 MALL ROAD
BURLINGTON, MASSACHUSETTS 01803

RECEIVED

AREA CODE 617 273-5100
CABLE ADDRESS 'LAHEYCLIN'

May 8, 1981 13 AM 10 17

Nuclear Regulatory Commission
Materials Licensing Branch
Washington, DC 20555

ATTENTION: Mr. Lawrence Camper

Dear Mr. Camper:

This letter contains an application for a by-products license amendment to our existing by-product materials license #20-05766-02 in the name of Lahey Clinic Foundation. The new address of Lahey Clinic Medical Center is 41 Mall Road, Burlington, Massachusetts 01803. Our new telephone number is 617-273-5100. I can be reached at 617-273-8166.

This by-product materials license amendment application incorporates the activities of the Sias Research Laboratories recently terminated by the NRC under license #20-15651-01. Since our move to Burlington we have closed the Sias Research Laboratory at the Brooks Hospital in Boston and wish to incorporate a limited number of their activities as part of our Lahey Clinic Foundation by-product materials license; by-product materials will be used at 41 Mall Road, the site of the Lahey Clinic Medical Center. For the record, the Sias Medical Research Laboratories (Sias Labs) is a subdivision of the Lahey Clinic Foundation and is located in the Lahey Clinic Medical Center. The Sias Lab is an integral part of the Lahey Clinic Foundation and is responsible to the administrator and chief executive officer of the Lahey Clinic Foundation.

Other portions of this license application include modification to our existing license. These modifications are listed in detail below.

This application includes changes to the following:

1. Section 6b: This section lists the additional radioactive materials to be used in the Sias Laboratory research activities at the Lahey Clinic Medical Center, 41 Mall Road, Burlington, Massachusetts.
2. Section 8: We wish to drop Ann Warner, Ph.D. as an authorized user. She has resigned from this institution. We wish to add William Curby, M.S. as an authorized user in the Sias Laboratory.

Applicant	1357
Check no.	140(78)
Amendment	5/21/81
Received by	Brown

RECEIVED BY LFMB

Date... 5/21/81
Log...
By... Brown (Ames)
Orig. To...
Action Compl. 5/24/81

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3. Section 9: This section lists the radiation monitoring instrumentation at the Sias Labs. The survey meters listed in this section will be calibrated in the same manner as the survey meters listed in our existing license.
4. Section 10: This section designates the calibration procedures for the other counting equipment at the Sias Labs.
5. Section 11: This section designates work areas for radioactive materials within the Sias Lab facilities and also indicates the new location for radioactive waste storage at the Medical Center.
6. Section 17: This section lists revised area survey procedures, reflecting survey needs for the Sias Labs.
7. Section 18: This section lists revised waste storage disposal procedures, specifically incineration of scintillation cocktails in concentrations permitted under 10 CFR 20.305 and 20.306 (March, 1981). Necessary Commonwealth of Massachusetts approval for incineration of these scintillation cocktails has already been obtained.
8. Section 19: This section includes revised procedures for iodine 131 therapy, reflecting the practices of the radiologist now responsible for these procedures.
9. Section 21: This section lists changes in the Xenon dispensing equipment we have made since our last license amendment application. The contents of this section reflect these changes, that is, the substitution of a "Pulmonex Xenon System" for Nuclear Associates "Xenon Delivery System", and the addition of an "Automatic Xenon Dispenser". These are the only modifications in this section.
10. Section 23: This section contains radiation safety regulations for Sias Laboratory workers.
11. Section 26: Enclosed with this amendment application is an amendment fee of \$40.00 (forty dollars) payable to the Nuclear Regulatory Commission.

Finally, we are enclosing a commitment on the part of the Lahey Clinic Foundation to the ALARA Program to reduce radiation exposure.

If you have any questions regarding this application, I will be happy to respond to them. I can be reached at 617-273-8166.

Sincerely,

Robert S. Wenstrup, Ph.D.

Robert S. Wenstrup, Ph.D.
Radiation Safety Officer

RSW/nsmt:stf
Enclosure

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