

SEP 24 1994

License No. 20-02215-01
Docket No. 030-01845
Control No. 119111

Boston University Medical Center
ATTN: Victor Evdokimoff
Director Radiation Protection
88 East Newton Street
Boston, Massachusetts 02118

Dear Mr. Evdokimoff:

This refers to your license amendment request. Enclosed with this letter is the amended license authorizing incineration of waste from two closely affiliated institutions. The amendment to approve your method of verifying that incineration ash is not radioactive is still under review.

Please review the enclosed document carefully and be sure that you understand and fully implement all the Conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I office, the Licensing Assistance Section, (610) 337-5093 or 5239, so that we can provide appropriate corrections and answers.

Thank you for your cooperation.

Sincerely,

Original Signed By:
Keith D. Brown, Ph.D

Keith D. Brown, Ph.D.
Nuclear Materials Safety Branch
Division of Radiation Safety
and Safeguards

Enclosure:
Amendment No. 49

DRSS:RI
Brown/kdb

9/16/94

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Boston University Medical Center

Radiation Protection Office

88 East Newton Street D-604
Boston, Massachusetts 02118-2394
617 638-7051

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By	Paul B. [Signature]

December 14, 1993

United States Nuclear Regulatory Commission
Licensing Branch
Washington, D.C. 20555

CONTROL NO. 117842

Gentlemen,

We have received approval on our license to incinerate radioactive materials at 700 Albany St. We have been advised by the Regional office to submit to Headquarters separately the request to incinerate radioactive waste from institutions affiliated with Boston University Medical Center. This request is not unusual as you have previously approved Harvard Health Services in Boston to pick up radwaste from their affiliated institutions.

We are specifically requesting at this time to incinerate radioactive waste from 2 affiliated institutions: Boston University license no. 20-00805-11 and Boston City Hospital license no. 20-00275-08. The new research building where the incinerator is located is owned by Boston University. Boston City Hospital is a major teaching hospital of Boston University Medical Center and located across the street from this facility in the South End. In fact many of the staff are similar for both institutions. We are asking these 2 affiliated institutions be added to our license for radioactive incineration of their radwaste. We do not feel the addition of these facilities changes the scope or reflects commercialization of this incinerator. However each institution will be responsible for amending its NRC license for change in their radwaste operations if they desire to have our institution provide radwaste incineration.

We anticipate that the amount of radwaste emanating from both affiliated institutions for incineration at BUMC is small. Both institutions generate almost no radioactive animals. We anticipate that combined solid long-lived radwaste from both institutions amounts to 60 f³ a year principally ³H and ¹⁴C with activity levels comparable to ours and other institutions performing medical research at this volume.

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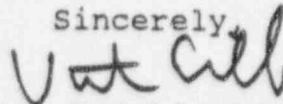
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Transportation and packaging of radwaste would be in accordance with DOT regulations and be licensed by NRC. We expect that we would pick up this radwaste at these facilities in a dedicated licensed vehicle but either one of these institutions could transport their radwaste in one of their vehicles if they are licensed by NRC for this purpose.

We feel we have demonstrated a long history of a successful and conscientious radiation protection program of which radioactive incineration is an integral part. In summary, we feel approval of this amendment represents optimizing a current technology that will significantly reduce our low level radioactive waste to our affiliates as we together pursue our mission of performing top quality medical research using radioisotopes during a time of radwaste crisis in the United States.

Sincerely,



Victor Evdokimoff, CHP
Director Radiation Protection, BUMC
Assistant Clinical Professor Oral
Radiology and Environmental Health

cc: Region I (David Mann)