

UNIVERSITY OF MASSACHUSETTS
AT AMHERSTN414 Morrill Science Center
Amherst, MA 01003

Environmental Health and Safety

30 September 96

U. S. NRC, Region I
475 Allendale Rd.
King of Prussia, PA
Attn: John Kinneman, Chief NMS Branch 2

This letter is to request advise on the required procedure/plan for decommissioning as described in 10 CFR 30.36 "Expiration and termination of licenses and decommissioning of sites and separate buildings or outdoor areas". The University wishes to raze the Marshall Hall building in October 96. Our records show only bench top life science research use of RAM, i.e. H-3, C-14, Cd-109, and P-32 labeled RAM, was done in this building. Only one lab, rm. 21, was involved in RAM use in the late 70's and early 80's. Our records show only a few thousand microcuries of RAM in total were purchased/used in research during this entire period until the occupants were moved out in 1986.

We performed a proper "close -out " survey at that time. As a result of this survey we know that all RAM was removed and all contaminated surfaces such as floors, bench tops, sinks, etc. were decontaminated as necessary. However, we did not attempt to monitor or decontaminate inside sink drains. The building has been boarded up/closed since that time.

Since the building was closed so long ago we are now asking what action is now required by the University prior to demolition. We believe that our RAM inventory and authorized user records combined with our lab survey records indicate to us that no residual radioactivity remains in Marshall Hall. Certainly all areas are below those given in Table 1 of the NRC "Guidelines for Decontamination Of Facilities and Equipment Prior to Release for Unrestricted Use or Termination of Licenses for Byproduct, Source, or Special Nuclear Material", May 87. Can we designate this building as "suitable for release in accordance with NRC requirements?

We would greatly appreciate hearing from you on this matter at your earliest convenience. Thank you for attention to this request.

Respectfully,

Jim Tocci, RSOx.c. H. Cleveland, PP
K. Sastry, Ch. RUC
D. Robinson, EH&S
M. Weinberg, Office of V.C. for ResearchRETURN ORIGINAL TO
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