



SCHOOL OF  
OSTEOPATHIC  
MEDICINE

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March 1, 2006

Stephen Hammann, Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
US Nuclear Regulatory Commission  
Region I Office  
475 Allendale Road  
King of Prussia, PA 19406-1415

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REGION I

**RE: Response to letter dated February 16, 2006 requesting additional information for renewal of license.  
License No. 29-20876-01; Docket No. 030-21288; Control No: 138179**

Dear Mr. Hammann:

The responses below are numbered to coincide with the questions in the referenced letter. If you need additional information, please contact Dr. Christman, the RSO (609-919-0275 or [eac8@com.cast.net](mailto:eac8@com.cast.net))

1. It is understood that the NRC must approve the authorization of Principal Investigators for the use of the licensed material. The persons listed in Item 7b of the application have attended a training session provided by the RSO that covers the topics listed in Item 8. Each individual listed has had a minimum of one year hands on (laboratory) experience using the radionuclides for which they are to be authorized. Most have considerably more. Individual hands-on training will be provided as necessary by the RSO if an Authorized User requests permission to use a radioisotope for which he or she has no experience. This training will be provided before the use begins.

In general, the RSO reviews the qualifications of an applicant to become an Authorized User and provides recommendations to the Radiation Safety Committee. The names of those approved by the committee are sent with supporting information to the NRC for approval.

2. No licensed material is currently used with animals and none is currently contemplated. In the event that a request to do so is approved by the Radiation Safety and IACUC Committees, the written instructions provided to the animal care staff will follow the guidance of Appendix H, NUREG 1556, Volume 7,

138179

NMSS/RGN MATERIALS-002

*Program Specific Guidance about Academic, Research and Development and Other Licensed of Limited Scope.* The animal care staff will be required to attend a training session consisting of the topics listed in Item 8 of the license renewal application before work begins.

3. The RSO is informed when any licensed material is delivered to the UMDNJ-SOM campus (See Item 10b of the application). All radioactive waste material must be transferred to the RSO for disposal. The RSO keeps a running inventory of the material delivered to ensure that the total activity on site of each of the licensed radionuclides does not exceed the license limits. The Authorized Users are required to submit to the RSO inventories prepared by physical inspection at six month intervals. The RSO uses these inventories and the inventory of radioactive waste on site to update and monitor the total activity of each radioisotope on site.

Sincerely,



Jeong-Sook H. Yoo, Ph.D.  
Interim Assistant Dean for Research