



UNITED STATES  
**NUCLEAR REGULATORY COMMISSION**  
REGION I  
475 ALLENDALE ROAD  
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

August 28, 2006

Docket No. 03037000  
Control No. 138926

License No. 37-31077-01

Chris Rappolt  
Hospital Administrator  
Animal Emergency Clinic of Wyoming Valley  
1120 Vine Street  
Avoca, PA 18641

**SUBJECT: ANIMAL EMERGENCY CLINIC OF WYOMING VALLEY, ABANDONMENT OF APPLICATION FOR LICENSE AMENDMENT, CONTROL NO. 138926**

Dear Mr. Rappolt:

This concerns the subject application for an Amendment to your material license and our telephone conversations with your and/or John Ramsey on July 7, August 7, August 17, and August 23 in which we notified you that the application was deficient and that certain additional information was required. To date, we have not received a response and assume that you no longer wish to pursue the action.

We are notifying you that we have voided your application because we consider you to have abandoned it. This action is taken without prejudice to the resubmission of your request. Your resubmission should include the following information:

1. In your application, you identify Jeremy Wentz, VMD, as your authorized user for procedures involving iodine-131.
  - a. Please describe this individual's formal training in the following areas: principles and practices of radiation protection; radioactivity measurements standardization and monitoring techniques and instruments; mathematics and calculations basic to the use and measurement of radioactivity; and biological effects of radiation.
  - b. Although you provided a letter dated May 9, 2006, from Thomas Scavellie, DVM, confirming that Dr. Wentz has observed 3 injections of hyperthyroid cats with iodine-131, it does not appear that Dr. Wentz has experience in use of radioactive materials. Please describe the specific radionuclides the individual has handled, the maximum quantities of materials handled, where the experience was gained, the duration of the experience and the type of use.
2. For each of the current authorized users, John Birmer and John Ramsey, describe the experience each individual has in using iodine-131 (handling, the maximum quantities handled, where the experience was gained, the duration of the experience and the type of use).

3. Iodine-131 (I-131) has different radiation characteristics and a different half-life than technetium-99m (Tc-99m). The procedures previously submitted for your use of Tc-99m may not be applicable for the use of I-131. If I-131 is to be used in animals, please submit:
  - a. a description of the training that will be provided to individuals handling and caring for animals containing I-131, and a copy of the instructions provided to animal caretakers for handling of animals, animal waste carcasses, and cleaning and decontamination of animal cages;
  - b. a description of your criteria and procedures to ensure that, upon the release of the animal containing I-131 from your facility, dose to members of the public (including the animal's caretaker) will be within the limits of 10 CFR 20.1301.
  - c. a copy of your instructions to be given to the animal caretakers when the animal containing I-131 is released from your facility.

Appendix H of NUREG-1556, Volume 7 addresses considerations for veterinary animal uses, including sample instructions to animal caretakers, and may be helpful to you in developing a response

Sincerely,

***Original signed by Elizabeth Ullrich***

Betsy Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety

cc:  
John C. Ramsey, Radiation Safety Officer

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**SUNSI Review Complete: EUIrich**

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