



NEW HAVEN CENTRAL HOSPITAL FOR VETERINARY MEDICINE

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April 26, 2013

Ms. Betsy Ullrich  
Senior Health Physicist  
Commercial and R&D Branch  
Division of Nuclear Materials Safety  
United States Nuclear Regulatory Commission, Region I  
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Dear Ms. Ullrich,

Thank you for your letter dated March 29, 2013 requesting additional information. A partial response is being submitted for your review and consideration below. The New Haven Central Hospital for Veterinary Medicine, Inc. plans to submit the additional information related to questions 3 and 5 within the next two weeks by May 13, 2013 or sooner, if possible.

3. Alternate release criteria which specifies a holding time of less than 96 hours, or radiation levels greater than 0.5 mrem/hr at a distance of more than 1 meter from the animal, may be proposed. However, such criteria requires that you provide dose calculations and limitations which demonstrate that members of the public, including the animal caretakers, will not exceed the NRC limit of 2 millirem in any one hour and 100 millirem in a year. Any additional information to justify more lenient release criteria should be included in your request.

Response: New Haven Central Hospital for Veterinary Medicine is proposing to use alternative release criteria. As requested, this information will be submitted for review within the next two weeks by May 13, 2013 or sooner, if possible.

4. Confirm that written instructions will be provided to animal caretakers, with each animal that is released after treatment under your license, and that these instructions will address (1) waste handling, (2) contamination, and (3) appropriate human interaction/isolation instructions. The instructions should clearly state the regulatory limits and the need to keep doses as low as reasonably achievable (ALARA), indicate the potential radiation fields surrounding the animal and potential dose with time at various distances, describe the permitted extent and duration of contact by individuals with the animal, and indicate how to handle contaminated litter, bedding and other objects with which the animal comes in contact.

NMSS/RGNI MATERIALS-002

Response: New Haven Central Hospital for Veterinary Medicine confirms that written instructions will be provided to animal caretakers, with each animal that is released after treatment, and that these instructions will address (1) waste handling, (2) contamination, and (3) appropriate human interaction/isolation instructions. The instructions will clearly state the regulatory limits and the need to keep doses as low as reasonably achievable (ALARA), indicate the potential radiation fields surrounding the animal and potential dose with time at various distances, as appropriate, describe the permitted extent and duration of contact by individuals with the animal, and indicate how to handle contaminated litter, bedding and other objects with which the animal comes in contact.

5. Provide a copy of the written instructions that will be given to the owners/handlers when animals are released after treatment with I-131.

Response: A copy of the written instructions will be submitted for review within the next two weeks by May 13, 2013 or sooner, in combination with our response to question 3.

6. Confirm that your procedures for safe use and emergencies will consider the conditions under which use of ring dosimetry and syringe shields when administering I-131, and bioassay of personnel in the event of a spill, needle-stick or other such emergency, will be required.

Response: New Haven Central Hospital for Veterinary Medicine, Inc. confirms that its procedures for safe use and emergencies will consider the conditions under which use of ring dosimetry and syringe shields when administering I-131, and bioassay of personnel in the event of a spill, needle-stick or other such emergency, will be required, as determined by the RSO. In addition, the New Haven Central Hospital for Veterinary Medicine plans to follow the General Topics for Safe Use of Radioisotopes and Model Emergency Procedures in Appendix P, of NUREG-1556, volume 7, "Program-specific Guidance About Academic, Research and Development, and Other Licenses of Limited Scope", related to radioiodine-131 and facility specific procedures, as appropriate by the RSO.

Please do not hesitate to contact me if you have any questions or require additional information.

Thank you,



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for Veterinary Medicine  
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cc: Mr. Kenneth Aldrich  
Chief Operating Officer