



**VALLEY CENTRAL**  
 VETERINARY EMERGENCY HOSPITAL  
 & REFERRAL CENTER

Emergency #  
 610-435-5588

Referral #  
 610-435-1553

Fax #  
 610-435-3408

February 3, 2005

NRC LICENSE NO. 37-30848-01 <sup>ALT</sup>

03036435

USNRC REGION 1  
 475 ALLENDALE ROAD  
 KING OF PRUSSIA, PA 19406-1415

05 FEB -7 P 1:08

RECEIVED  
 REGION 1

Dear NRC:

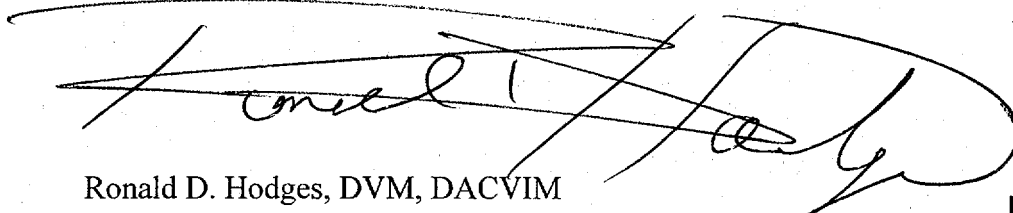
This letter is in reference to our request to amend our license to administer Tc-99m. My name is Dr. Ron Hodges and I own and operate a small animal veterinary referral hospital, located in Allentown, Pennsylvania. My veterinary hospital is currently licensed to administer I-131.

During my small animal internal medicine residency at the University of Tennessee, College of Veterinary Medicine I had the opportunity to help administer Tc-99m. My experience with Tc-99m was initiated by during my rotation through the University Of Tennessee College Of Veterinary Medicine's radiology service. Both Dr.s Bob Toal and Greg Daniel served as my radiology mentors. The Tc-99m was used to help image and localize several diseases. I personally administered the Tc-99m to dogs in order to identify potential metastatic bone lesions. During my internal medicine residency I also helped to administer Tc-99m to scan both dogs and cats in order to assess their renal function.

I know that the addition of Tc-99m to our nuclear medicine service will provide the very best medical and diagnostic services to our referral veterinarians and their clients. The Lehigh Valley deserves an opportunity to provide excellent veterinary services to the pet owners in this area. We have thus far a successful reputation with our I-131 services. I have no doubt that our safety record will continue with the additional of Tc-99m to our nuclear capabilities and services.

Thank you for the opportunity to document my experience, exposure and handling of Tcc-99m.

Sincerely yours,



Ronald D. Hodges, DVM, DACVIM

136437  
 NMSS/RGNI MATERIALS-002  
 Ref. 135774



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January 6, 2005

NRC License No.37-30848-01

USNRC Region 1  
475 Allendale Road  
King of Prussia PA 19406-1415

Gentlemen:

Please amend our license to include Tc-99m for imaging and localization. Maximum permissible limits not to exceed 500mCi. Doses shall be obtained in single use precalibrated syringes.

For questions regarding this request please call John C. Ramsey at 570-977-6449.

Thank you.

Sincerely yours,  
Valley Central Veterinary Referral Center

Ronald Hodges, D.V.M.

cc John C. Ramsey  
Radiation Safety Officer



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January, 06 2005

Control No. 135774

NRC License No. 37-30848-01

USNRC Region 1  
475 Allendale Road  
King of Prussia PA 19406-1415

Dear Ms Ullrich:

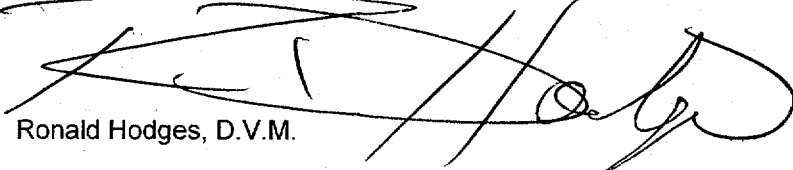
In reference to your letter dated November 17, 2004, I submit for your review:

1. Please see the attachment regarding my training utilizing by-product materials specifically for animal imaging and localization testing.
2. We anticipate imaging both dogs and cats. The maximum dose shall be limited to 30 millicuries of Technetium 99m.
3. Clients will be informed of the requirement to limit radiation dose to the general public from animal testing. Records will be maintained that document compliance with CFR20.1301. Our release criteria will be 0.5mR/hr at 1 foot: limited human interaction; isolation for 1-2 days; later restriction very close contact. Written instructions shall accompany each release and will address: 1. waste handling; 2. contamination; 3. appropriate human interaction/isolation instructions.
4. We are contracting with a vendor who provides mobile nuclear imaging. Please reference their NRC license number 37-30868-01.

For questions regarding this request please call John C. Ramsey at 570-977-6449.

Thank you.

Sincerely yours,  
Valley Central Veterinary Referral Center

  
Ronald Hodges, D.V.M.

cc John C. Ramsey  
Radiation Safety Officer

# Valley Central Veterinary Referral Center Nuclear Medicine Department

## Radiation Safety Precautions for Animals

Released at: 0.5mR/hr at 1 foot

Your pet has received a small amount of a radioactive tracer, and still possesses a low level of radioactivity. The present level of radioactivity is below the level the Nuclear Regulatory Commission considers necessary for requiring isolation of your animal from you. Because some radioactivity will be present for the next few days it is required that you agree to the following safety precautions. If you feel that you cannot abide by the following conditions, you must notify a member of the VCVRC Nuclear Medicine Staff immediately to make alternative arrangements for your animal.

### **Limit your time with your pet for the next Forty eight (48) hours.**

#### **For the next forty eight (48) hours precautions include:**

- Anyone who is pregnant or under the age of 16 shall have **no contact** with the pet for the entire duration of the forty eight hours
- Do not hold your cat/dog, or allow your cat/dog to sit on your lap. Provisions must be provided for your pet to sleep in separate quarters at night.
- Maintain a litter pan for your cat's urination and defecation (feces). Flushable litter may be used and disposed of daily. If regular litter is used, we recommend the use of litter pan liners (you can insert a litter box into a plastic trash bag, and then fill it with litter). This litter is to be disposed of daily. Wear rubber gloves when disposing of litter. Keep the litter out of the regular trash for sixty hours. At the end of the sixty hour period the litter can be disposed of with the regular trash.
- Your dog may be leashed walked outside to eliminate, no further maintenance is necessary.
- If your cat vomits or soils outside the litter box, wear gloves and use normal cleaning procedures. Put all soiled cleaning materials into a plastic bag and hold with litter for 60 hours.
- If your dog vomits or soils in the house, wear gloves and use normal cleaning procedures. Put all soiled cleaning materials into a plastic bag and hold for 60 hours.
- **Always wash your hands after contact with your cat/dog or their eliminations.**
- If you have any questions regarding radiation safety, please call a member of the Nuclear Medicine Department staff at 610-435-1553.

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**Client Signature**

(Your signature indicates that you have read, understood, and agree to the above safety requirements).

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**Date**

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**Nuclear Medicine Staff Member**

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**Date**

This is to acknowledge the receipt of your letter/application dated

2/3/2005, and to inform you that the initial processing which includes an administrative review has been performed.

Amend 37-30848-01  
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

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A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 136437.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.

(FOR LFMS USE)  
INFORMATION FROM LTS

BETWEEN:

License Fee Management Branch, ARM  
and  
Regional Licensing Sections

: Program Code: 02400  
: Status Code: 0  
: Fee Category: 3P  
: Exp. Date: 20140131  
: Fee Comments: \_\_\_\_\_  
: Decom Fin Assur Req'd: N  
:.....

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

Applicant/Licensee: VALLEY CENTRAL VET REFERRAL CENTER  
Received Date: 20050207  
Docket No: 3036435  
Control No.: 136437  
License No.: 37-30848-01  
Action Type: Amendment

2. FEE ATTACHED

Amount:   /    
Check No.:           

3. COMMENTS

Signed *Refuge Juncal*  
Date 2/9/2005

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /\_/)

1. Fee Category and Amount: \_\_\_\_\_

2. Correct Fee Paid. Application may be processed for:

Amendment \_\_\_\_\_  
Renewal \_\_\_\_\_  
License \_\_\_\_\_

3. OTHER \_\_\_\_\_  
\_\_\_\_\_

Signed \_\_\_\_\_  
Date \_\_\_\_\_