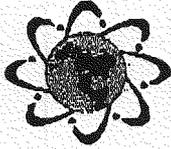


# Fax Transmission



**FROM: Jim Fongheiser**

1019 Nicholas Drive, West Chester, PA 19380 phone: (610) 431-4021 FAX: (610) 692-1669

To : Thomas Thompson 610.337.5269 Date: 6/2/09

From : Jim Fongheiser

Pages : 1 ( including cover page )

Subject : Haven Lake Animal Hospital License Application  
Mail Control Number 143558

MS 16  
p-7  
07-31361-01  
03038002

Mr. Thompson,  
The following answers are being provided to your questions received by e-mail today:

1. What total possession limit do you need for I-131?

We will order unit doses of I-131 and will plan for a possession limit of 50 mCi.

2. Please identify specific sealed sources by model number and manufacturer that you may need and want authorized on the license.

We will use Cs-137 and / or Ba-133 dose calibrator vials to perform our quality control checks of the dose calibrator.

Manufacturers and model numbers purchased may be one of the following:

QSA Global:

Product Code	Model
CTR564	CTC.V1
CTR566	CTC.V1
CTR568	CTC.V1
CTR9902	CTC.V1
BDR562	BDC.V1
CDR562	CDC.V1
CKR560	CKC.V1

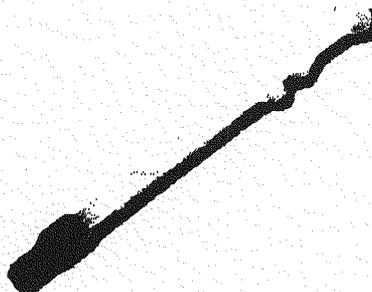
Isotope Products Laboratories:

RV-137-250U      Cs-137 250 mCi  
RV-133-250U      Ba-133 250 mCi

143558

3. Please provide additional details on the pill gun device used to administer the doses.

The pill gun is basically a device that holds a capsule and allows the user to remotely insert the capsule down the throat of the animal without being bitten. One model looks like this:



4. You have indicated that you will use a flexible rope barrier for areas greater than 2 millirem/hour in dose rate. A rope alone may not be sufficient to assure control and prevent someone from receiving 2 millirem in an hour. What additional controls will you have to assure no one receives 2 millirem in an hour?

We will use facility design and engineering controls to maintain dose rates to members of the public in accessible uncontrolled areas to less than 2 millirem per hour. We intend to have a low population of treated animals at any given time. They will be housed in a rack of cages that is movable. The controlled area will be large enough so that the rack can be moved to change the dose rate profile, if needed. We will also use shielding along a rack of cages or a wall, if necessary, to keep the dose rates in the unrestricted areas below 2 millirem per hour. A rope boundary would only be used in a temporary situation while other changes are being made.

If you need any further information to process this license request please let me know. When you are ready to visit the facility I would be happy to meet you there if our schedules are compatible.

Thank you for your assistance in this licensing effort.

Sincerely,

Handwritten signature of Jim Fongheiser in cursive script.

Jim Fongheiser  
Radiation Safety Officer

Call : (610) 431-4027 or (610) 745-6901