

## Roldan, Lizette

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**From:** Roldan, Lizette  
**Sent:** Wednesday, April 13, 2011 10:23 AM  
**To:** 'Ronald Frick'  
**Subject:** REQUEST FOR ADDITIONAL INFORMATION REGARDING CONTROL 573905

License No.: 53-27684-01  
Docket No.: 030-35579  
Control No.: 573905

Dear Mr. Frick,

This is regarding your letter dated April 8, 2011 where you are responding to a request for additional information. You have stated that you will use the release criteria of 0.5 mR per hour at one foot and have supplied an example of the "Instructions for Owners". For the release criteria you have selected, the appropriate degree of cat/human interaction/isolation should be limited human interaction, the cat should be in isolation 1-2 days, and later restrict very close contact for 2 weeks after the procedure. In the instructions to owners this is not explicitly explained.

1. Please confirm you will develop new "instructions the Owners" to indicate that they will need to isolate the cat for the first 1-2 days after the procedure.
2. Please confirm that you will develop new "Instructions to Owners" to include more specific instructions such as, indicating that close contact (less than a specified distance; for example, a meter) with the cat should not exceed a specified time (for example, five minutes) per day for the first two days and during the first two weeks following the release.

We will continue our review upon receipt of this information. Please reply to my attention at the Region IV Office and refer to Mail Control No. 573905. Please respond to this e-mail by **April 15, 2011**. You may reply via e-mail using a PDF format or by fax to 817-860-8263. If we do not receive a reply by the due date, we will assume that you do not wish to pursue your application.

Sincerely,

***Lizette Roldán-Otero, Ph.D.***

U.S. Nuclear Regulatory Commission  
Region IV  
611 East Lamar Boulevard, Suite 400  
Arlington, Texas 76011  
Office: 817-276-6596  
Fax: 817-860-8263

## Roldan, Lizette

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**From:** Ronald Frick [rfrick@gammacorp.com]  
**Sent:** Thursday, April 14, 2011 7:00 PM  
**To:** Roldan, Lizette  
**Subject:** Re: REQUEST FOR ADDITIONAL INFORMATION REGARDING CONTROL 573905  
**Attachments:** release\_instructions.PDF

Dr. Roldan,

We have revised the instructions to owners to include an isolation period of 48 hours, and provide specific distance and time limitations.

The revised instructions are attached. Please let me know if the revised instructions are not acceptable.

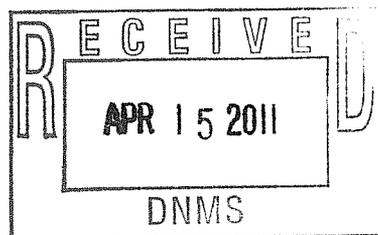
Ron Frick

>>> "Roldan, Lizette" <[Lizette.Roldan@nrc.gov](mailto:Lizette.Roldan@nrc.gov)> 4/13/2011 5:23 AM >>>

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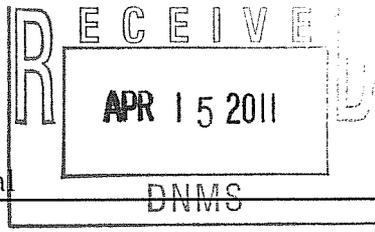
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Sincerely,



## Instructions For Owners

Your cat has been injected with radioactive iodine for the treatment of hyperthyroidism. Most of this material has been eliminated during your cat's stay at our clinic. However, after your cat is released there will still be a small amount of radioactivity in your cat's system. This material will continue to be released through your cat's bodily fluids - primarily through its urine and feces. To minimize your radiation exposure, it is necessary to follow some precautions for the next two weeks. This is required by federal and state regulatory agencies.

1. Your cat must be kept isolated from people for 48 hours after release. The cat may be kept in an unoccupied room, or within a cage which is at least 6 feet away from occupied areas. During this time, no one should interact with the cat, beyond what is necessary for feeding, administering medications, and cleaning of litterbox.
2. After this isolation period of 48 hours, the instructions below should be followed for 2 weeks.
3. Your cat must be kept indoors at all times.
4. Family members should not be permitted to sleep with the cat.
5. Hold or stroke your cat only for short periods (less than 15 minutes per day), and wash your hands afterward. At all other times, the cat should be kept at a distance of least 3 feet.
6. Avoid contact with your cat's saliva and footpads. Wear gloves if you must administer medication.
7. Children or pregnant women should avoid contact with the cat and should not change its litter.
8. If your cat vomits or soils outside of the litter box, wear plastic disposable gloves and clean using normal cleaning procedures. Wash your hands afterward.
9. Litter Instructions:
  - a. Put a plastic liner in the box before adding litter (if cat shreds liner, don't use but discard box after two weeks). Keep litter box out of occupied bedrooms, kitchen, and away from unsupervised dogs and children.
  - b. Wear gloves when removing soiled litter.

- c. If flushable litter is used (recommended), scoop soiled litter into toilet and flush.
- d. After two weeks, collect any remaining soiled litter, box liner, and your gloves, and store it in an out-of-the-way place for one month. Then it can be disposed as regular garbage.
- e. If you absolutely cannot use flushable litter, soiled litter must be double-bagged in ziploc bags. These bags should be stored in a large plastic container lined with a garbage bag. Continue this for two weeks. The container should be kept outside where it cannot be reached by small children, pets, wild animals, etc. Do not place it in your kitchen, bedroom, or other occupied areas. This waste cannot be put into the regular trash until at least one month after the day of your cat's release from our facility. Do not label this container to indicate that it contains radioactive material, or with your name, or with the name of our facility.

After two weeks, your cat will not contain significant levels of radioactivity. Therefore, no special safety precautions will be needed at that time.

If you have any questions about these instructions, or if your cat should become ill within the next four weeks, please notify our facility as soon as possible.

VCA University Animal Hospital  
Dr. Russell M. Shoji  
808-988-2111

I have read and understand the above instructions and agree to comply with the above radiation safety precautions.

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Owner's Signature

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Date