

(10-2017)
10 CFR 30, 32,
33, 34, 35, 36,
37, 39, and 40



APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety.

INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1666 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1666/

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA,
GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE,
NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO,
RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN
ISLANDS, OR WEST VIRGINIA,

SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
2100 RENAISSANCE BOULEVARD, SUITE 100
KING OF PRUSSIA, PA 19406-2713

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

IF YOU ARE LOCATED IN:

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH
DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS,
UTAH, WASHINGTON, OR WYOMING,

SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)
A. NEW LICENSE
B. AMENDMENT TO LICENSE NUMBER
C. RENEWAL OF LICENSE NUMBER 44-31369-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code)
Catamount Veterinary Specialty and Emergency Hospital PC d/
b/a Burlington Emergency & Veterinary Specialists
1417 Marshall Avenue
Williston, Vermont 05495

3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED
1417 Marshall Avenue
Williston, Vermont 05495

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION
Bryan Harnett, DVM, Diplomate ACVIM
BUSINESS TELEPHONE NUMBER 802-863-2387
BUSINESS CELLULAR TELEPHONE NUMBER n/a
BUSINESS E-MAIL ADDRESS vvim@vvim.com

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL
a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.
10. RADIATION SAFETY PROGRAM.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.
9. FACILITIES AND EQUIPMENT.
11. WASTE MANAGEMENT.

12. LICENSE FEES (Fees required only for new applications, with few exceptions\*)
(See 10 CFR 170 and Section 170.31)
\*Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.
FEE CATEGORY AMOUNT ENCLOSED \$

PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.
WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE
Bryan Harnett, DVM, DACVIM and President

SIGNATURE DATE
Bryan Harnett, DVM 5/18/19

FOR NRC USE ONLY
Table with columns: TYPE OF FEE, FEE LOG, FEE CATEGORY, AMOUNT RECEIVED, CHECK NUMBER, COMMENTS. Includes APPROVED BY and DATE fields.

612372
MATERIALS-002

May 18, 2019

License Assistance Team  
Division of Nuclear Materials Safety  
U.S. Nuclear Regulatory Commission, Region I  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713

Bryan Harnett, DVM, Diplomate ACVIM  
Catamount Veterinary Specialty and Emergency Hospital d/b/a Burlington Emergency &  
Veterinary Specialists  
1417 Marshall Avenue  
Williston, Vermont, 05495

License # 44-31369-01

Dear Licensing Assistance Team,

Please find the following responses for items 5-11 on our NRC form 313 renewal application.

Items 5 and 6:

Radioactive Material and Purpose for which the material will be used.

Radioisotope	Chemical/Physical Form	Maximum Possession Limit	Proposed Use
I - 131	Sodium Iodide/Liquid	50 millicuries	Treatment of Feline Pets for Hyperthyroidism

Patients will be treated with 2-6 millicuries of  $I^{131}$ . We will treat 6 or less patients per week. There are no significant changes to these items from our original application.

7. Individual responsible for the radiation safety program and their training experience.

There are no changes to this item from our original application.

Radiation safety officer (RSO):

Bryan E. Harnett, DVM, Diplomate American College of Veterinary Internal Medicine (DACVIM)

Updated experience since original application:

2009-2019:

Treatment of ~ 500 feline pets with hyperthyroidism with I<sup>131</sup>.

8. Training for Individuals Working In or Frequenting Restricted Areas.

There are no changes to this item from our original application.

9. Facilities and Equipment:

Please see Amendment No. 2

License No. 44-31369-01

Docket No. 03038029

Control No. 611171

10. Radiation Safety Program:

There are no changes to this item from our original application.

11. Waste Management.

There are no changes to this item from our original application with the exception of an addition of a new location as noted in Amendment No. 2.

Please see Amendment No. 2

License No. 44-31369-01

Docket No. 03038029

Control No. 611171

Thank you,



Bryan Harnett, DVM, DACVIM