



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PENNSYLVANIA 19406-1415

March 7, 2005

Docket No. 03033825
Control No. 136449

License No. 45-25330-01

Rand S. Wachstock, DVM
Radiocat, L.L.C.
6651-F Backlick Road
Springfield, VA 22150

SUBJECT: RADIOCAT, L.L.C., ISSUANCE OF LICENSE AMENDMENT, CONTROL NO.
136449

Dear Dr. Wachstock:

This refers to your license amendment request. Enclosed with this letter is the amended license.

Please review the enclosed document carefully and be sure that you understand and fully implement all the conditions incorporated into the amended license. If there are any errors or questions, please notify the U.S. Nuclear Regulatory Commission, Region I Office, Licensing Assistance Team, (610) 337-5239, so that we can provide appropriate corrections and answers.

An environmental assessment for this action is not required, since this action is categorically excluded under 10 CFR 51.22(c)(14).

Please note that on October 25, 2004, the NRC suspended public access to ADAMS, and initiated an additional security review of publicly available documents to ensure that potentially sensitive information is removed from the ADAMS database accessible through the NRC's web site. Interested members of the public may obtain copies of the referenced documents for review and/or copying by contacting the NRC Public Document Room pending resumption of public access to ADAMS. The NRC Public Document Room is located at NRC Headquarters in Rockville, MD, and can be contacted at 800-397-4209 or 301-415-4737 or pdr@nrc.gov.

Thank you for your cooperation.

Sincerely,

Original signed by James P. Dwyer

James P. Dwyer, Chief
Commercial and R&D Branch
Division of Nuclear Materials Safety

Enclosure:
Amendment No. 13

R. Wachsstock
Radiocat, L.L.C.

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NRC Web site addresses

NRC regulations

<http://www.nrc.gov/reading-rm/doc-collections/cfr/>

Licensing guidance

<http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>

General Policy and Procedure for NRC Enforcement Actions

<Http://www.nrc.gov/what-we-do/regulatory/enforcement/enforc-pol.pdf>

206 of the Energy Reorganization Act of 1974

<http://www.nrc.gov/who-we-are/governing-laws.html>

R. Wachsstock
Radiocat, L.L.C.

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DATE	3/7/2005							

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MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p>Licensee</p> <p>1. Radiocat, LLC</p> <p>2. 6651-F Backlick Road Springfield, Virginia 22150</p>	<p>In accordance with the letter dated February 8, 2005,</p> <p>3. License No. 45-25330-01 is amended in its entirety to read as follows:</p> <p>4. Expiration Date: July 31, 2005</p> <p>5. Docket No. 030-33825</p>	
<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Iodine 131</p>	<p>7. Chemical and/or physical form</p> <p>A. Liquid sodium iodide in pre-calibrated unit dosages contained in syringes</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 480 millicuries (mCi) total, not to exceed 80 mCi at each location of use and no single unit dosage to exceed 5 mCi</p>
<p>9. Authorized use:</p> <p>A. Treatment of feline hyperthyroidism.</p>		

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at:

- A. 6651-F Backlick Road, Springfield, Virginia
- B. 223 Siebert Road, Pittsburgh, Pennsylvania
- C. 1212 East Newport Pike, Wilmington, Delaware
- D. 730 Randolph Road, Middletown, Connecticut
- E. 8250 Basin Street, Indianapolis, Indiana

11. The Radiation Safety Officer (RSO) for this license is Rand Wachstock, DVM.

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12. Licensed material shall be used by, or under the supervision and in the physical presence of David S. Herring, DVM; Rand S. Wachsstock, DVM; Michael S. Miller, VMD; Patricia M. Hogan, DVM; James Beebe, DVM; William Blevins, DVM, MS, DACVR; William Widmer, DVM, MS; Robert M. Naum, DVM; Jonathan Sheff, DVM; Douglas Aspros, DVM; Geoff McKenzie, DVM; Matthew G. Bischoff, DVM, MS; Elsa R. Beck, DVM, Ph.D., DACRV, DACVIM; John Stephan, DVM; and Mark Albin, DVM.
13. The licensee is authorized to hold radioactive material with a physical half-life of less than or equal to 120 days for decay-in-storage before disposal without regard to its radioactivity if it:
- A. Monitors byproduct material at the surface before disposal and determines that its radioactivity cannot be distinguished from the background radiation level with an appropriate radiation detection survey meter set on its most sensitive scale and with no interposed shielding; and
 - B. Removes and obliterates all radiation labels, except for radiation labels on materials that are within containers and that will be managed as biomedical waste after they have been released from the licensee; and
 - C. Maintains records of the disposal of licensed material for three years. The record must include the date of the disposal, the survey instrument used, the background radiation level, the radiation level measured at the surface of each waste container, and the name of the individual who performed the disposal.
14. The licensee shall not use licensed material in or on human beings.
15. Veterinary patients that have been administered licensed materials, or their products, shall not be used for human consumption.
16. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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17. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U. S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

- A. Application dated July 14, 2000
- B. Letter dated November 28, 2000 [add locations of use and authorized users, change RSO]
- C. Letter dated December 15, 2000 [add asst. RSOs for each location, additional info re: AUs training]
- D. Letter dated January 2, 2001 [additional info re: AUs training]
- E. Letter dated January 22, 2001 [add user (Dr. Beebe)]
- F. Letter dated June 22, 2001 [add locations of use (Middletown, CT and Indianapolis, IN) and AUs, Drs. Blevins and Widmer]
- G. Letter dated August 22, 2001 [delete location of use (843 State Street, New Haven, CT)]
- H. Letter dated April 12, 2002 [add users (Dr. R. Naum and Dr. J. Sheff)]
- I. Letter dated June 14, 2002 [add users (Dr. Aspros and Dr. McKenzie)]
- J. Letter dated March 18, 2003 [delete users (Dr. Hopper and Dr. St.-Vincent)]
- K. Letter dated September 11, 2003 [adds place of use and users, Dr. Bischoff and Dr. Beck]
- L. Letter dated November 3, 2003 [delete place of use]
- M. Letter dated July 14, 2004 [add user (Dr. Stephan)]

For the U. S. Nuclear Regulatory Commission

Date March 7, 2005

By **Original signed by James P. Dwyer**
James P. Dwyer, Chief
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406