



May 11, 2006

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REGION 1

Regional Administrator
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

03034047

RE: Amendment License Number 06-30271-01

Dear Sir or Madam,

We wish to amend our License to appoint Greg Laskowski as the Vion RSO, to replace Dr. David Bermudes, the current RSO. I have enclosed a summary of Mr. Laskowski's experience and training with radioactive materials. Please delete from the license Drs. Bermudes, Blasberg, Mao and Lin.

Please feel free to contact me at (203) 498-4210 or E-mail iking@vionpharm.com with any question concerning the information contained in this request for amendment.

Sincerely,

Ivan King, Ph.D.,
Vice President, Research and Development

Enclosures: Copy of NRC License
Radioactive materials use by Mr. Laskowski

138874

NMSS/ROSI MATERIALS-002

Greg Laskowski – Associate Research Scientist, QC and Analytical Development
Department, Vion Pharmaceuticals, Inc.

History of Use of Radioactive Nuclides

- 1993-1998 Attended University of Gdansk (Poland), Department of Chemistry and Environmental Studies. Among others took courses in Physics, Physical Chemistry, Radiochemistry and Radiological Protection.
- 1998 Received Master's degree in Environmental Science.
Master Thesis: 'Methodology of Uranium Determination', included work with environmental samples, separation and detection of uranium, thorium and plutonium. Major part of work included use and analysis of nuclides 232-U, 234-U, 235-U, 238-U.
- 2006 Vion Pharmaceuticals, Inc.
Use of nuclides 3-H, 14-C, 32-P, 33-P, 35-S, 51-Cr, 125-I and 131-I

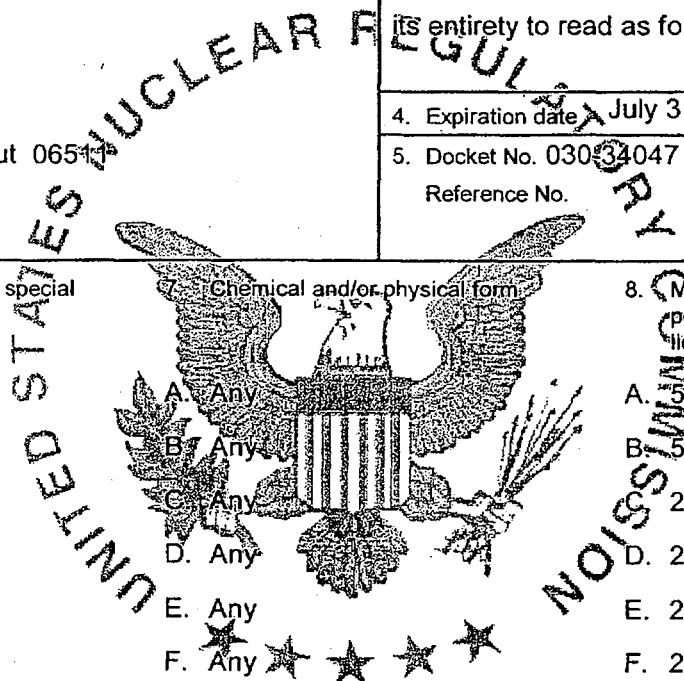
Training History

- 2006 Radiation Safety Officer Training (Radiation Safety Associates, Inc.)
40-hour training course, included mathematics and calculations used in measurements of radioactivity, biological effects of radiation, principles and practices of radiation protection, radioactivity measurements, monitoring techniques and instruments.
- 2006 Shipping Packages of Class 7 (Radioactive) Material (Radiation Safety Associates, Inc.)
Training course included packaging, marking, labeling, manifests and declarations of class 7 packages for shipment in compliance with U.S. Department of Transportation.

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. Vion Pharmaceuticals, Inc.</p> <p>2. Four Science Park New Haven, Connecticut 06511</p>	<p>In accordance with the letter dated April 15, 2002,</p> <p>3. License number 06-30271-01 is amended in its entirety to read as follows:</p> <p>4. Expiration date July 31, 2011</p> <p>5. Docket No. 03034047 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Hydrogen 3</p> <p>B. Carbon 14</p> <p>C. Phosphorus 32</p> <p>D. Phosphorus 33</p> <p>E. Sulfur 35</p> <p>F. Chromium 51</p> <p>G. Iodine 125</p> <p>H. Iodine 131</p>	<p>7. Chemical and/or physical form</p> <p>A. Any</p> <p>B. Any</p> <p>C. Any</p> <p>D. Any</p> <p>E. Any</p> <p>F. Any</p> <p>G. Any</p> <p>H. Any</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 50 millicuries</p> <p>B. 50 millicuries</p> <p>C. 20 millicuries</p> <p>D. 20 millicuries</p> <p>E. 20 millicuries</p> <p>F. 25 millicuries</p> <p>G. 5 millicuries</p> <p>H. 5 millicuries</p>
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9. Authorized use:

A. Through H. Research and development as defined in 10 CFR 30.4; animal studies.

CONDITIONS

10. Licensed material may be used or stored only at the licensee's facilities located at Four Science Park, New Haven, Connecticut.

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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
06-30271-01

Docket or Reference Number
030-34047

Amendment No. 3

11. Licensed material shall be used by, or under the supervision of:

Authorized Users

Material

Dr. Michael Belcourt	H-3, C-14, P-32, P-33, S-35, Cr-51, I-125, and I-131
Dr. David Bermudes	H-3, C-14, P-32, P-33, S-35, Cr-51, I-125, and I-131
Dr. Ron Blasberg	H-3, C-14, P-32, P-33, S-35, Cr-51, I-125, and I-131
Dr. Stanley Lin	P-32 and I-125
Dr. John Mao	H-3, C-14, and S-35
Dr. Li-Mou Zheng	H-3, C-14, P-32, P-33, and S-35

12. The Radiation Safety Officer for this license is Dr. David Bermudes.
13. The licensee shall not use licensed material in or on human beings.
14. This license does not authorize commercial distribution of licensed material.
15. This license does not authorize distribution to persons licensed pursuant to 10 CFR 37.72 or 32.74; to persons exempt from licensing; or to general licensees.
16. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
17. Experimental animals, or the products from experimental animals, that have been administered licensed materials shall not be used for human consumption.
18. 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 in ordinary trash, provided:
- Waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
 - Before disposal as ordinary trash, the waste shall be surveyed at the container surface with the appropriate survey instrument set on its most sensitive scale and with no interposed shielding to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

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SUPPLEMENTARY SHEET**

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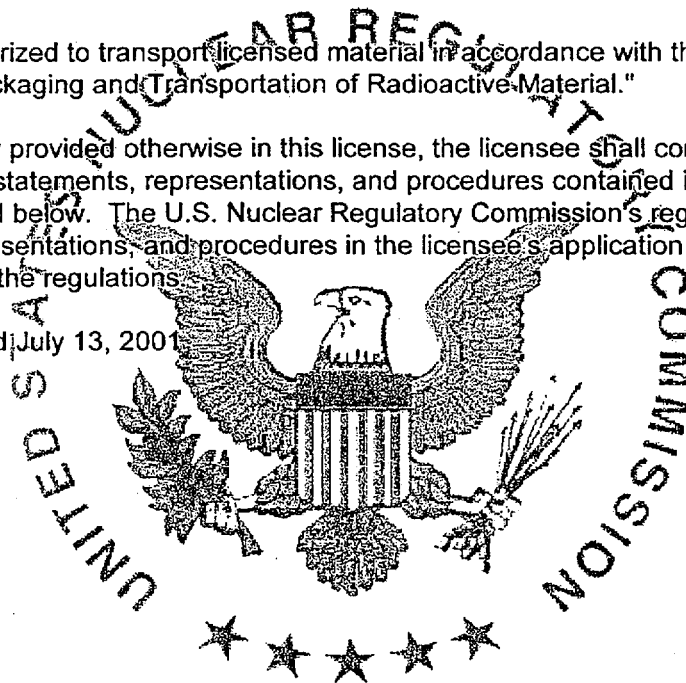
Amendment No. 3

C. A record of each such disposal permitted under this license condition shall be retained for 3 years. The record must include the date of disposal, the date on which the byproduct material was placed in storage, the radionuclides disposed, the survey instrument used, the background dose rate, the dose rate measured at the surface of each waste container, and the name of the individual who performed the disposal.

19. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

20. 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 13, 2001



For the U.S. Nuclear Regulatory Commission

Date April 25, 2002

By *Kathy Dolce Modes*
Kathy Dolce Modes
Nuclear Materials Safety Branch 2
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

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

5/11/2006, and to inform you that the initial processing which includes an administrative review has been performed.

ALGND. 06-30271-01
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

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 138874.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (R)
(6-96)

Sincerely,
Licensing Assistance Team Leader