

Bouchard, Joseph

Br. 2

Subject: Requesting amendment of license 06-09667-03 for Fairfield University

Region 1 Office
475 Allendale Road
Division of Nuclear Material Safety
Nuclear Regulatory Commission
King of Prussia, PA 19406-1415

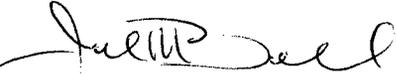
To Whom It May Concern:

03019056

This letter is requesting amendment of license 06-09667-03 issued to Fairfield University.

We are requesting a change of the Radiation Safety Officers position including changing of the license to reflect so. The current RSO Dr. Raymond P. Poincelot has retired from Fairfield University. The new RSO position would be filled by Joseph M. Bouchard, currently the University Safety Officer and Fire Marshal. I have attached the last training I received for the RSO position, my background exist of 30 years plus of Fire/Hazmat/EMS/Safety experience. If further information is needed, please let me know.

Thank you for your assistance in this matter.



jmb

Joseph M. Bouchard
Director of Environmental
Health and Safety and the
Fire Marshal Office
Fairfield University
O: (203)254-4000 x 2546
F: (203) 254-4153

RECEIVED
REGION 1
2010 DEC 20 PM 12: 25

CERTIFICATE OF ACHIEVEMENT

This is to Certify that

JOSEPH M. BOUCHARD

Has Completed 40 Hours of

Radiation Safety Officer Training

June 7-11, 2010



A handwritten signature in black ink, appearing to read "K. Paul Steinmeyer". The signature is written in a cursive style and is positioned above a horizontal line.

K. Paul Steinmeyer, RRPT

Radiation Safety Associates, Inc.
19 Pendleton Dr. PO Box 107
Hebron, CT 06248

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 style="text-align: center;">Licensee</p> <p>1. Fairfield University Department of Biology</p> <p>2. North Benson Road Fairfield, Connecticut 06430</p>	<p>In accordance with the letter dated June 18, 2010,</p> <p>3. License number 06-09667-03 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date May 31, 2013</p> <hr/> <p>5. Docket No. 030-19056 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Any byproduct material with atomic numbers 1 through 83</p> <p>B. Hydrogen 3</p> <p>C. Carbon 14</p> <p>D. Phosphorus 32</p> <p>E. Phosphorus 33</p> <p>F. Sulfur 35</p> <p>G. Cadmium 109</p> <p>H. Americium 241</p> <p>I. Curium 244</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources</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. Sealed Sources (Isotope Products Limited Model AF Series)</p> <p>I. Sealed Sources (Isotope Products Limited Model AF Series)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 1 millicurie per source and 10 millicuries total</p> <p>B. 60 millicuries</p> <p>C. 30 millicuries</p> <p>D. 2 millicuries</p> <p>E. 2 millicuries</p> <p>F. 2 millicuries</p> <p>G. 2 millicuries</p> <p>H. 0.1 microcurie</p> <p>I. 1 millicurie</p>
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9. Authorized use:

A. through I. Research and development as defined in 10 CFR 30.4; teaching and training of students.

CONDITIONS

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10. Licensed material may be used or stored only at the licensee's facilities located at the Biology Department, Bannow Science Center and Bannow North, Fairfield University campus, North Benson Road, Fairfield, Connecticut.
11. Licensed material, except Item 6.G., shall be used by, or under the supervision of, Phyllis C. Braun, Ph.D., Jack W. Beal, Ph.D., Shelley Phelan, Ph.D., or Glenn Sauer, Ph.D. Licensed material listed in Items 6. A, B, C, E and F shall be used by, or under the supervision of, Brian Walker, Ph.D. Licensed material listed in Item 6.G. shall be used by, or under the supervision of, Glenn Sauer, Ph.D..
12. The Radiation Safety Officer for this license is Raymond P. Poincelot, Ph.D.
13. The licensee shall not use licensed material in or on human beings.
14. The licensee shall not use licensed material in field applications where it is released except as provided otherwise by specific condition of this license.
15.
 - A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
 - B. Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months.
 - C. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
 - D. Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material.
 - E. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

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- F. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- G. Tests for leakage and/or contamination, including leak test sample collection and analysis, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- H. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
16. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
17. Sealed sources or detector cells containing licensed material shall not be opened or sources removed from source holders by the licensee.
18. The licensee is authorized to hold byproduct 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 the licensee:
- 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 or 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 materials for 3 years. The record must include the date of 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.
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."

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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 April 22, 2003 [ML031220166]

For the U.S. Nuclear Regulatory Commission

Date July 21, 2010

By



Elizabeth Ullrich
Commercial and R&D Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

Wednesday, July 21, 2010 14:04:10

This is to acknowledge the receipt of your letter/application dated 12/20/2010 ^{received}, and to inform you that the initial processing which includes an administrative review has been performed.

Amendment (06-09667-03) 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** 574134.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.