



UNIVERSITY OF  
MARY WASHINGTON  
*The Centennial Celebration*

December 11, 2008

Region I Office  
Division of Nuclear Materials Safety  
475 Allendale Road  
King of Prussia, PA 19406-1415

Br. 2

2008 DEC 15 PM 12:36  
RECEIVED  
REGION I

Dear Mr. Lawyer:

03011686

I am requesting that our current Materials License # 45-16818-01 be terminated, and with this request I am providing the documents and information you indicated were required to complete this process. The Department of Biological Sciences at Mary Washington College was authorized to use radioactive materials for *in vivo* laboratory studies in room 304 of the Jepson Science Center. This approximately 150 sq. ft. laboratory is located within the 75,000 sq. ft. Jepson Science Center. The Jepson Science Center is an academic building housing the offices, laboratory and classroom spaces for four departments: Biological Sciences, Chemistry, Earth and Environmental Sciences, and Physics. Mary Washington College (The College of Arts and Sciences) of the University of Mary Washington is located in the City of Fredericksburg and is surrounded by residential areas.

This facility was approved for the use of licensed materials in June, 1998 and only H<sup>3</sup>-labeled material has been used in this lab. (Although C<sup>14</sup> is on the license, it has not been used since moving to our current location.) Experiments involving radioactive materials were discontinued over two years ago and, since we have no plans to use radioactively labeled compounds in our future work, we are requesting that our license be terminated.

Enclosed with this request are NRC Form 314 and a close-out survey for the lab. Thank you for your assistance with this process, and please let me know if you require any additional information.

Sincerely,

Rosemary Barra, Ph.D.  
Dean, College of Arts and Sciences  
Professor of Biological Sciences

143103  
MATERIALS ALG-002

<b>NRC FORM 314</b> (4-2008) 10 CFR 30.366(X)(1); 40.42(X)(1); 70.366(X)(1); and 72.54(X)(5)(X)(1)	<b>U.S. NUCLEAR REGULATORY COMMISSION</b>	<b>APPROVED BY OMB: NO. 3150-0028</b>	<b>EXPIRES: 08/31/2010</b>
<b>CERTIFICATE OF DISPOSITION OF MATERIALS</b>		Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submittal is used by NRC as part of the basis for its determination that the facility is released for unrestricted use. Send comments regarding burden estimate to the Reports and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20565-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0028), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor and a person is not required to respond to, the information collection.	

<b>LICENSEE NAME AND ADDRESS</b> MARY WASHINGTON COLLEGE 1301 COLLEGE AVENUE FREDERICKSBURG, VA 22401-5358	<b>LICENSE NUMBER</b> 45-16818-01	<b>DOCKET NUMBER</b> 030-11686
<b>LICENSE EXPIRATION DATE</b> MAY 31, 2013		

This license has expired.       **A. LICENSE STATUS (Check the appropriate box)**  
 This license has not yet expired; please terminate it.

**B. DISPOSAL OF RADIOACTIVE MATERIAL**

(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)

The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:

1. No radioactive materials have ever been procured or possessed by the licensee under this license.

2. All activities authorized by this license have ceased, and all radioactive materials procured and/or possessed by the licensee under this license number cited above have been disposed of in the following manner.

a. Transfer of radioactive materials to the licensee listed below:

b. Disposal of radioactive materials:

1. Directly by the licensee:

2. By licensed disposal site:

3. By waste contractor:

c. All radioactive materials have been removed such that any remaining residual radioactivity is within the limits of 10 CFR Part 20, Subpart E, and is ALARA.

**C. SURVEYS PERFORMED AND REPORTED**

1. A radiation survey was conducted by the licensee. The survey confirms:

a. the absence of licensed radioactive materials

b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.

2. A copy of the radiation survey results:

a. is attached; or  b. is not attached (Provide explanation); or  c. was forwarded to NRC on: \_\_\_\_\_ Date

3. A radiation survey is not required as only sealed sources were ever possessed under this license, and

a. The results of the latest leak test are attached; and/or       b. No leaking sources have ever been identified.

The person to be contacted regarding the information provided on this form:

NAME <i>ROSEMARY BARRA</i>	TITLE <i>Professor, Biological Sciences DEAN, College of Arts &amp; Sciences</i>	TELEPHONE (Include Area Code) <i>540-654-1052</i>	E-MAIL ADDRESS <i>rbarra@umw.edu</i>
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Mail all future correspondence regarding this license to:  
*ROSEMARY BARRA UNIVERSITY OF MARY WASHINGTON, 1301 College Ave. Fredericksburg, VA 22401*

**C. CERTIFYING OFFICIAL**

**I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT**

PRINTED NAME AND TITLE <i>Rosemary Barra, DEAN</i>	SIGNATURE <i>Rosemary Barra</i>	DATE <i>12/11/08</i>
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**WARNING: FALSE STATEMENTS IN THIS CERTIFICATE MAY BE SUBJECT TO CIVIL AND/OR CRIMINAL PENALTIES. NRC REGULATIONS REQUIRE THAT SUBMISSIONS TO THE NRC BE COMPLETE AND ACCURATE IN ALL MATERIAL RESPECT. 18 U.S.C. SECTION 1001 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.**

## RADIOISOTOPES WIPE TESTS

Location: Radioisotopes Lab - Jepson 304

Date: 12/10/08

Type of Equipment Used: Beckman LS-5000

Name of Person Performing Survey: Rosemary Barr

Level of contamination Requiring Clean-up: 200dpm/100 cm<sup>2</sup>

Efficiency of Counter: 63%

<u>Area of Survey</u>	<u>CPM</u>	<u>DPM</u>
Fume Hood	31	49
LS Counter	13	20
Counter Top	23	36
Sink	38	60
Refrigerator	26	41



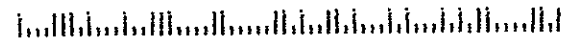
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1301 College Avenue  
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475 Allendale Road  
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Attn: Dennis Lawyer

19406-1415 C002



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

12/11/08, and to inform you that the initial processing which includes an administrative review has been performed.

Term (45-16818-01) 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

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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** 143103.  
When calling to inquire about this action, please refer to this control number.  
You may call us on (610) 337-5398, or 337-5260.