



TAYLOR

UNIVERSITY

May 23, 2011

Materials Licensing Section
U.S. Nuclear Regulatory Commission, Region III
2443 Warrenville Road, Suite 210
Lisle, IL 60532-4352

RE: License Number 13-04004-02; Docket Number 030-14763

To Whom It May Concern:

This is a formal notification that Taylor University, Upland, IN has ceased all activity involving regulated radioactive materials and has disposed of all regulated radioactive materials through the services of Bionomics, Inc. They removed the bulk of our radioactive materials on November 4, 2010 and the remaining materials on May 6, 2011.

I have enclosed completed NRC Form 314 and the results of two radiation surveys. One of these surveys was conducted by Bionomics and the second by us.

We will continue to use some exempt quantities of radioactive materials for Nuclear Physics and Nuclear Chemistry labs. But we do not intend to use any materials that would require a license so we wish to terminate our license.

Please feel free to contact me with any questions concerning this issue.

Sincerely,

DG Hammond, PhD & Chair

Dept of Chemistry & Biochemistry and
Chemical Compliance & Radiation Safety
Taylor University
236 W. Reade Ave.
Upland, IN 46989

765-998-5273
dnhammond@tayloru.edu

NRC FORM 314 <small>(12-2010) 10 CFR 30.38(j)(1); 40.420(j)(1); 70.38(j)(1); and 72.54(i)(3)(1)(i)</small>		U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3150-0028 EXPIRES: 10/31/2013 <small>Estimated burden per response to comply with this mandatory collection request: 30 minutes. This submission 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 Information Services Branch (T-5 F33), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by Internet e-mail to InfoCollect.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (5150-0028), 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.</small>							
CERTIFICATE OF DISPOSITION OF MATERIALS		<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> LICENSEE NAME AND ADDRESS Taylor University 236 W. Reade Ave. Upland, IN 46989 </td> <td style="width: 50%;"> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> LICENSE NUMBER 13-04004-02 </td> <td style="width: 50%;"> DOCKET NUMBER 030-14763 </td> </tr> <tr> <td colspan="2"> LICENSE EXPIRATION DATE May 31, 2011 </td> </tr> </table> </td> </tr> </table>		LICENSEE NAME AND ADDRESS Taylor University 236 W. Reade Ave. Upland, IN 46989	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> LICENSE NUMBER 13-04004-02 </td> <td style="width: 50%;"> DOCKET NUMBER 030-14763 </td> </tr> <tr> <td colspan="2"> LICENSE EXPIRATION DATE May 31, 2011 </td> </tr> </table>	LICENSE NUMBER 13-04004-02	DOCKET NUMBER 030-14763	LICENSE EXPIRATION DATE May 31, 2011	
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<p><input type="checkbox"/> This license has expired. <input checked="" type="checkbox"/> A. LICENSE STATUS (Check the appropriate box) This license has not yet expired; please terminate it.</p> <p style="text-align: center;">B. DISPOSAL OF RADIOACTIVE MATERIAL</p> <p><small>(Check the appropriate boxes and complete as necessary. If additional space is needed, provide attachments)</small></p> <p>The licensee, or any individual executing this certificate on behalf of the licensee, certifies that:</p> <p><input type="checkbox"/> 1. No radioactive materials have ever been procured or possessed by the licensee under this license.</p> <p><input checked="" type="checkbox"/> 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:</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. Transfer of radioactive materials to the licensee listed below:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> b. Disposal of radioactive materials:</p> <p style="margin-left: 40px;"><input type="checkbox"/> 1. Directly by the licensee:</p> <p style="margin-left: 40px;"><input type="checkbox"/> 2. By licensed disposal site:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> 3. By waste contractor: Bionomics, Inc., PO Box 817, Kingston, TN 37763 (865) 220-8501</p> <p style="margin-left: 20px;">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.</p>									
<p style="text-align: center;">C. SURVEYS PERFORMED AND REPORTED</p> <p><input checked="" type="checkbox"/> 1. A radiation survey was conducted by the licensee. The survey confirms:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> a. the absence of licensed radioactive materials</p> <p style="margin-left: 20px;"><input type="checkbox"/> b. that any remaining residual radioactivity is within the limits of 10 CFR 20, Subpart E, and is ALARA.</p> <p><input checked="" type="checkbox"/> 2. A copy of the radiation survey results:</p> <p style="margin-left: 20px;"><input checked="" type="checkbox"/> a. is attached; or <input type="checkbox"/> b. is not attached (Provide explanation); or <input type="checkbox"/> c. was forwarded to NRC on: _____ Date _____</p> <p><input type="checkbox"/> 3. A radiation survey is not required as only sealed sources were ever possessed under this license, and</p> <p style="margin-left: 20px;"><input type="checkbox"/> a. The results of the latest leak test are attached; and/or <input type="checkbox"/> b. No leaking sources have ever been identified.</p>									
<p>The person to be contacted regarding the information provided on this form:</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;"> NAME DG Hammond </td> <td style="width: 20%;"> TITLE RSO </td> <td style="width: 30%;"> TELEPHONE (Include Area Code) 765-998-5289 </td> <td style="width: 20%;"> E-MAIL ADDRESS dnhammond@tayloru.edu </td> </tr> </table> <p><small>Mail all future correspondence regarding this license to:</small></p>				NAME DG Hammond	TITLE RSO	TELEPHONE (Include Area Code) 765-998-5289	E-MAIL ADDRESS dnhammond@tayloru.edu		
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<p style="text-align: center;">C. CERTIFYING OFFICIAL</p> <p style="text-align: center;">I CERTIFY UNDER PENALTY OF PERJURY THAT THE FOREGOING IS TRUE AND CORRECT</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 40%;"> PRINTED NAME AND TITLE DG Hammond </td> <td style="width: 40%;"> SIGNATURE </td> <td style="width: 20%;"> DATE 5/19/11 </td> </tr> </table> <p><small>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.</small></p>				PRINTED NAME AND TITLE DG Hammond	SIGNATURE 	DATE 5/19/11			
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Radiation Survey
Taylor University
May 19, 2011

All of the regulated radioactive materials at Taylor University were kept in a small closet behind four locked doors in an area that was rarely used by anyone. There is a lead box (approximately 18" x 18" x 10") within the closet that contained all of the radioactive materials. All of these materials were removed by Bionomics, Inc. on November 4, 2010 and May 6, 2011.

After the final removal, the Bionomics technician surveyed the lead box, closet and outer room where materials were prepared for transport. Both a Geiger counter and a multichannel radiation spectrum analyzer were used in the survey. No radiation above background was found.

On May 19, 2010, DG Hammond, Taylor University RSO, confirmed this by using a calibrated Geiger counter. There was no radiation above background within the lead box, the storage closet, or the outer room where the materials were prepared for shipment.

TAYLOR UNIVERSITY

FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
KEN LAMBERT	LARA HORSLEY
FAX NUMBER:	DATE:
630-515-1078	MAY 24, 2011
COMPANY:	TOTAL NO. OF PAGES INCLUDING COVER:
MATERIALS LICENSING SECTION	4
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
630-829-9633	13-04004-02
RE: NRC LICENSING	YOUR REFERENCE NUMBER:

URGENT FOR REVIEW PLEASE CONFIRM PLEASE REPLY ☐ PLEASE RECYCLE

NOTES/COMMENTS:

Please confirm fax to LRHORSLEY@TAYLOR.EDU or by fax to 765-998-4650

Thank you,

Lara Horsley, Assistant to School of Natural & Applied Sciences

