



the standard in safety

Underwriters
Laboratories

October 3, 2007

Kevin G. Null
Materials Licensing Branch
United States Nuclear Regulatory Commission
Region III
2443 Warrenville Road, Suite 210
Lisle, Illinois
60532-4352

RE: Amendment Request for NRC License No. 13-32402-01

Dear Mr. Null,

Enclosed is a request for amendment to the above referenced NRC License. If you have any question regarding this request or need additional information, please contact me at 574-472-5501.

Very Truly Yours,
Dennis J. Leeke
Operation Manager
Underwriters Laboratories

Enclosure:

RECEIVED OCT 04 2007

Underwriters Laboratories Inc.
110 S. Hill Street, South Bend, IN 46617-2702 USA
T: 800.332.4345 / F: 574.233.8207 / W: ul.com

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
 OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
 U.S. NUCLEAR REGULATORY COMMISSION
 WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, MISSISSIPPI, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
 DIVISION OF NUCLEAR MATERIALS SAFETY
 U.S. NUCLEAR REGULATORY COMMISSION, REGION I
 475 ALLENDALE ROAD
 KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:

MATERIALS LICENSING BRANCH
 U.S. NUCLEAR REGULATORY COMMISSION, REGION III
 2443 WARRENVILLE ROAD, SUITE 210
 LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
 U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
 611 RYAN PLAZA DRIVE, SUITE 400
 ARLINGTON, TX 76011-4005

PERSONS LOCATED IN AGREEMENT STATES SEND APPLICATIONS TO THE U.S. NUCLEAR REGULATORY COMMISSION ONLY IF THEY WISH TO POSSESS AND USE LICENSED MATERIAL IN STATES SUBJECT TO U.S. NUCLEAR REGULATORY COMMISSION JURISDICTIONS.

1. THIS IS AN APPLICATION FOR (Check appropriate item)

A. NEW LICENSE

B. AMENDMENT TO LICENSE NUMBER 13-32402-01

C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

Underwriters Laboratories, Inc.
 110 S. Hill ST
 South Bend, IN 46617

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

110 S. Hill Street
 South Bend, IN 46617

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Dennis J. Leeke

TELEPHONE NUMBER

(574) 233-4777

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	3-P amendment	AMOUNT ENCLOSED	\$ 0.00
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13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 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.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE	SIGNATURE	DATE
Dennis J. Leeke Operations Mgr		10/31/2007

FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		
APPROVED BY				DATE	

**13-32402-01 License Amendment #4
Underwriters Laboratories Inc.**

We respectfully request the following amendment to our license, most recently amended on July 8, 2005.

Any responses in our original application and subsequent amendment requests which are not addressed below shall remain unchanged.

7. Individuals responsible for radiation safety program and their training experience:

Mr. Larry Wolfe who was the Radiation Safety Officer (RSO) has left the employ of Underwriters Laboratories (UL).

We request that Theresa M. Flores, currently the "Assistant Radiation Safety Officer" be named as the Radiation Safety Officer.

Ms. Flores has been the Assistant Radiation Safety Officer since February 2005. She completed the 40 -hour RSO training at ORAU in July 2004 (copy of certificate attached). Her training and experience is attached.

We also request that Carrie A. Blankenmeyer serve as the "Assistant Radiation Safety Officer." Her experience is attached. She completed Introduction to Radiation Safety Training at OARU in 2004 and will attend Radiation Officer Training at OARU at the earliest scheduled course in 2008.

Ms. Blankenmeyer will act in the RSO capacity ONLY during times when Ms. Flores is unable to perform normal RSO duties because of absence.

In addition, Dr. Earl M. Hansen has been retained by UL to provide technical and health physics support to Ms. Flores and Ms. Blankenmeyer as needed. Dr. Hansen was the RSO on the original license and his experience summary is also attached.

There will be two authorized users:
Theresa M. Flores and Carrie A. Blankenmeyer

Radioactive Material Experience Summary

Name/Title: Theresa Marie Flores/ Scientist I

Isotope	Maximum Quantity	Form	Location	Duration	Type of Use
Th-230	1 cuCi	liquid	Underwriters Laboratories	3 years	environmental lab
Sr/Y-90	1 cuCi	liquid	Underwriters Laboratories	3 years	environmental lab
Ra-226	1 cuCi	liquid	Underwriters Laboratories	3 years	environmental lab
Ra-228	1 cuCi	liquid	Underwriters Laboratories	3 years	environmental lab
U-nat	1 cuCi	liquid	Underwriters Laboratories	3 years	environmental lab
H-3	1 cuCi	liquid	Underwriters Laboratories	1 year	environmental lab
Co-57	1 cuCi	liquid	South Bend Medical Foundation	2 years	clinical lab

Attended and completed Radiation Safety Safety Officer Course ORAU July 18-23, 2004

Signature Theresa Flores Date 10/2/2007



This is to certify that

THERESA M. FLORES

has completed

A 40-HOUR RADIATION SAFETY OFFICER COURSE

**conducted by Professional Training Programs
of Oak Ridge Associated Universities**

This 23RD day of JULY, 2004
at Oak Ridge, Tennessee


A handwritten signature in black ink, appearing to be 'T. Flores', is written over a horizontal line.

Radioactive Material Experience Summary

Name/Title : Carrie Ann Blankenmeyer / Scientist II

Isotopes	Max. Quantities	Form	Location	Duration	Type of Use
Th-230	1 uCi	liquid solution	Underwriters Laboratories, Inc.	32 months	environmental radiochemistry
Sr/Y-90	1 uCi	liquid solution	Underwriters Laboratories, Inc.	32 months	environmental radiochemistry
Ra-226	1 uCi	liquid solution	Underwriters Laboratories, Inc.	32 months	environmental radiochemistry
Ra-228	1 uCi	liquid solution	Underwriters Laboratories, Inc.	32 months	environmental radiochemistry
U-nat	1 uCi	liquid solution	Underwriters Laboratories, Inc.	21 months	environmental radiochemistry
H -3	1 uCi	liquid solution	Underwriters Laboratories, Inc.	24 months	environmental radiochemistry

Attended Introduction to Radiation Safety at ORAU May 17-21, 2004

Signature: 

Date: 10/3/07

ORAU

OAK RIDGE ASSOCIATED UNIVERSITIES

This is to certify that

CARRIE A. BLANKENMYER

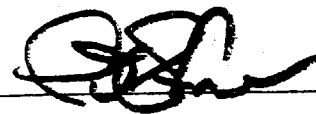
has completed

A 40-HOUR INTRODUCTION TO RADIATION SAFETY COURSE

conducted by Professional Training Programs
of Oak Ridge Associated Universities

This 21ST day of MAY, 2004

at Oak Ridge, Tennessee



RADIOACTIVE MATERIAL EXPERIENCE SUMMARY

NAME/TITLE: Earl M. Hansen, Ph.D., General Manager, RSO

ISOTOPES	MAX. QUANTITIES	FORM	LOCATION	DURATION	TYPE OF USE
Source Material	Up to 100 nCi/g (parent activity; total activity in Ci/g range)	Unsealed contamination in environmental and mixed waste samples	Roy. F. Weston (WESTON) NRC License No. 37-19378-01	11 years	Analytical Chemistry Procedures and analysis
Tritium	Up to 1 Ci/g	HTO	WESTON	11 years	Analytical Chemistry
Special Nuclear Material (Pu & Enriched U)	Up to 10 nCi/g	Unsealed contamination in environmental and mixed waste samples	WESTON	11 years	Analytical Chemistry
Misc. Contaminants (Cs-137, Co-60, Cs-134, Sr/Y-90, Tc-99, Eu152, Eu-154, Am-241, Cu-244, I-129, Np-237, et.al.)	Up to 1 Ci/g	Unsealed contamination in environmental and mixed waste samples	WESTON	11 years	Analytical Chemistry
N-63	15 mCi/source – Up to 30 sources total	Plated sources in electron capture detectors	Various	32 years	Specifically and generally licensed sources in Gas Chromotography
Misc. sources	Up to 100 mCi	Sealed Sources	University of Notre Dame – Radiation Chemistry Laboratory	3 years	Irradiation Experiments in Radiation Chemistry
Co-60	14,000 Ci	Sealed Source	University of Notre Dame	3 years	Irradiation Experiments in Radiation Chemistry

Signature: _____

Earl M. Hansen

Date: _____

5/16/2002

Extremely Urgent

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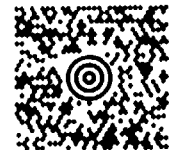
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Do not use this envelope for:
LTR 1 OF 1

DONNA MARTIS
(574) 233-4777
UNDERWRITERS LABORATORIES
110 S HILL ST
SOUTH BEND IN 46617

SHIP TO:
KEVIN MULL
US NUCLEAR REGULATORY COMMISSION
MATERIALS LICENSING BRANCH REG III
SUITE 210
2443 WARRENVILLE ROAD
LISLE IL 60532-4352



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REF 1: NRC LICENSE AMENDMENT

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