



7 December 2004

Licensing Assistance Team
Division of Nuclear Materials Safety
U.S. Nuclear Regulatory Commission, Region I
475 Allendale Road
King of Prussia, PA 19406-1415

RECEIVED
REGION I
DEC 27 AMO:34
04

RE: License No. 06-00221-08

03003759

Dear Ladies and Gentlemen:

The current Radiation Safety Officer under the Broad Form License No. 06-00221-08, Dr. William H. Harned, has left the company, and management appointed me to that position effective December 1, 2004. Please amend our license to reflect this change. An updated NRC Form 313 accompanies this letter.

My training and research activities involving radiation safety and radioactive materials are listed below:

TRAINING

1. Basic chemistry and physics courses – University of Chicago, Chicago, IL – 1961-1963
2. Radioisotopes in Biochemical Research – Washington University Medical School, St. Louis, MO – 1967
3. Radiation Protection and Health Physics – Northeastern University and MIT (Frank Masse), Boston, MA – 1976
4. Radiation Safety Program – Uniroyal Chemical Co. / Crompton Corporation, Middlebury, CT – 1989-Present

EXPERIENCE

1. Studies of chromosomal abnormalities – Rainer State School for the Mentally Retarded, Buckley, WA – 1963-1964 – ^3H μCi levels.
2. Enzyme assays – Washington University Medical School, St. Louis, MO – 1967 – ^3H μCi levels.
3. Neurotransmitter release studies – Washington University Medical School, St. Louis, MO – 1970-1973 – ^{45}Ca mCi levels.
4. Northeastern University Radiation Safety Committee, Boston, MA – 1977-1983.

5. Radiation Safety Officer – College of Pharmacy and Allied Health Professions, Northeastern University, Boston, MA – 1977-1983 – Ci levels.
6. Energy Metabolism Studies – Northeastern University, Boston, MA – 1976-1983 – ¹⁴C mCi levels.
7. Radiation Safety Officer – Biotek Inc., Woburn, MA – 1983-1989 – mCi levels.
8. Pharmacokinetic studies – Biotek, Inc., Woburn, MA – 1983-1989 – ³H mCi levels.
9. Metabolism studies – Uniroyal Chemical Co. / Crompton Corporation, Middlebury, CT – 1989-Present – ¹⁴C mCi levels.
10. Assistant to the Radiation Safety Officer – Uniroyal Chemical Co. / Crompton Corporation, Middlebury, CT – 1990-Present.

Thank you for your help.

Yours,



Michael H. Gay, Ph.D.
Senior Research Scientist
Environmental Fate and Metabolism Group
Registration Data Development 1-2
Technology – Biochemical Sciences
Uniroyal Chemical Company, Incorporated (Crompton Corporation)
World Headquarters
199 Benson Road
Middlebury, CT 06749-0001

Phone: 203-573-3326
Fax: 203-573-3660
Email: mike.gay@cromptoncorp.com

Estimated burden per response to comply with this mandatory collection request: 7 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F52), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), 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.

APPLICATION FOR MATERIAL LICENSE

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

03003159

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 06-00221-08
- C. RENEWAL OF LICENSE NUMBER _____

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

Uniroyal Chemical Company, Incorporated
World Headquarters
199 Benson Road
Middlebury, CT 06749-0001

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

74 Amity Road
Bethany, CT 06524-3402
and
199 Benson Road
Middlebury, CT 06749-0001

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Michael H. Gay, Radiation Safety Officer

TELEPHONE NUMBER

(203) 573-3326

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 **None** AMOUNT ENCLOSED \$ **0.00**

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 82 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
John A. Lacadie, Vice President & Chief Technology Officer

SIGNATURE
J.A. Lacadie

DATE
12/22/01

FOR NRC USE ONLY

| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|-------------|---------|--------------|-----------------|--------------|----------|
| | | | \$ | | |
| APPROVED BY | | | | DATE | |

136195

Radiation Safety Officer
Summary of Training and Experience

Michael H. Gay, Ph.D.
Senior Research Scientist
Environmental Fate and Metabolism Group
Registration Data Development 1-2
Crompton Technology – Biochemical Sciences
Uniroyal Chemical Company, Inc.
199 Benson Road
Middlebury, CT 06749-0001

TRAINING

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6. Energy Metabolism Studies – Northeastern University, Boston, MA – 1976-1983 – ^{14}C mCi levels.
7. Radiation Safety Officer – Biotek Inc., Woburn, MA – 1983-1989 – mCi levels.
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10. Assistant to the Radiation Safety Officer – Uniroyal Chemical Co. / Crompton Corporation, Middlebury, CT – 1990-Present.

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

12/7/2008, and to inform you that the initial processing which includes an administrative review has been performed.

AMEND. 06-00221-08
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** 136195.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

BETWEEN: : (FOR LFMS USE)
 : INFORMATION FROM LTS
 : -----
 :
 License Fee Management Branch, ARM : Program Code: 03610
 and : Status Code: 0
 Regional Licensing Sections : Fee Category: 3L
 : Exp. Date: 20051130
 : Fee Comments: _____
 : Decom Fin Assur Reqd: Y
 : ::

LICENSE FEE TRANSMITTAL

A. REGION **I**

1. APPLICATION ATTACHED

Applicant/Licensee: UNIROYAL CHEMICAL CO., INC.
 Received Date: 20041227
 Docket No: 3003759
 Control No.: 136195
 License No.: 06-00221-08
 Action Type: Amendment

2. FEE ATTACHED

Amount: _____
 Check No.: _____

3. COMMENTS

Signed M. A. Perkins
 Date 12/22/04

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered /___/)

1. Fee Category and Amount: _____

2. Correct Fee Paid. Application may be processed for:

Amendment _____
 Renewal _____
 License _____

3. OTHER _____

Signed _____
 Date _____