

January 20, 2010

Licensing Group  
United States Nuclear Regulatory Commission  
Region III  
2443 Warrenville Rd. Suite 210  
Lisle, IL 60532-4352

RE: Amendment Request to License No. 21-08362-08

Dear Sir/Madam

The following is an amendment request for Dow Corning Corporation, DC-3 facility, **license # 21-08362-08**. This is to request a change to our Radiation Safety Committee chairperson. Roy Campbell will no longer handle the duties of RSC chair. The new RSC chairperson will be Debra A. McNett. Attached is a brief summary of the experience I have had throughout my career working with radiolabeled materials.

Also, I have accepted the overall responsibilities for our Radiation Safety Program here at Dow Corning Corporation at the facilities located at 2200 West Salzburg Rd., Auburn, MI., replacing Mr. Roy A. Campbell and I will be signing our license applications henceforth.

If you have any questions or concerns please feel free to give me a call at (989) 496-3162 or contact Jeremy Durham, RSO, at (989) 496-3182.



Debra A. McNett  
Manager, Health and Environmental Sciences Analytical Chemistry  
Dow Corning Corp.

RECEIVED JAN 25 2010

**Debra A. McNett**  
**Background Information**

Dow Corning Service Date: August 25, 1997  
Current Job Title: Manager, HES Analytical Chemistry  
Current Department: Health and Environmental Sciences

Educational Background:

<u>Degree</u>	<u>Area</u>	<u>Year</u>	<u>University</u>
B.S.	Chemistry	1991	Central Michigan University

Experiences with Radiolabeled materials

I have worked with radiolabeled materials since 1989. First with Dow Chemical (1989 - 1997), and then with Dow Corning (1997 - present). The radiolabeled materials were used to conduct metabolism/pharmacokinetic studies in rodents, fish, and various environmental matrices. Over the past 21 years, I have been involved in preparation and analysis of dosing solutions containing radiolabeled test articles, collection and analysis of samples (blood, urine, feces), and necropsy of animals. During this time I have frequently taken refresher training in radiation safety. When using radiolabeled materials, keeping accurate use records (amount in use, in storage, to waste) is a strict requirement. I have also been involved in wipe testing laboratory areas where use of radiolabeled material was allowed.

**APPLICATION FOR MATERIALS LICENSE**

Estimated burden per response to comply with this mandatory collection request: 4.3 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 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [infocollects.resource@nrc.gov](mailto:infocollects.resource@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.

**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:**

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS  
 DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS  
 U.S. NUCLEAR REGULATORY COMMISSION  
 WASHINGTON, DC 20555-0001

**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

**ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:**

**IF YOU ARE LOCATED IN:**

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, 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

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, 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  
 612 E. LAMAR BOULEVARD, SUITE 400  
 ARLINGTON, TX 76011-4125

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 21-08362-08
- C. RENEWAL OF LICENSE NUMBER \_\_\_\_\_

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

**Dow Corning Corporation**  
**2200 West Salzburg Road**  
**Auburn, MI 48611**

**3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED**

**Dow Corning Corporation**  
**2200 West Salzburg Road**  
**Auburn, MI 48611**

**4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION**

**Jeremy A. Durham, RSO**

TELEPHONE NUMBER

**(989) 496-3182**

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: \_\_\_\_\_ AMOUNT ENCLOSED \$ \_\_\_\_\_

**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**

**Debra A. McNett, Manager HES Analytical Chemistry**

**SIGNATURE**

*Debra A. McNett*

**DATE**

*Jan 20, 2010*

**FOR NRC USE ONLY**

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

**DOW CORNING**

Dow Corning Corporation  
Midland, Michigan 48686

Attn: Jeremy Durham RSO

PRESORTED  
FIRST CLASS



02 1M  
000 4282728

\$ 00.414  
JAN 20 2010

PRESORTED FIRST CLASS, 61 20-2010 MAILED PERMITS ZIP CODE 48603

Materials Licensing Branch  
U.S. Nuclear Regulatory Commission, Region III  
2443 Warrenville Road, Suite 210  
Lisle, IL 60532-4350

K\*MQP11 60532

