

RISK MANAGEMENT AND SAFETY



PHONE 219/631-5037

FAX 219/631-8794

UNIVERSITY OF NOTRE DAME
122 CAMPUS SECURITY BUILDING
NOTRE DAME, INDIANA 46556-5675

November 1, 1995

Ms. Pat Vacherlon
Licensing Section
U.S. Nuclear Regulatory Commission, Region III.
801 Warrenville Road
Lisle, Illinois 60532

RE: SNM-198 License
Disposition of Materials

Dear Pat:

Please find enclosed a Certificate of Disposition of Materials for License Number SNM-198, the University of Notre Dame's Special Nuclear Materials License for a one curie Plutonium-Beryllium source. As previously discussed, we are transferring this source to our Broad Scope License, Number 13-01983-15, by way of an Amendment Request dated October 19, 1995.

Thank you for your help in this matter. Please contact this office if you have further questions or recommendations.

Sincerely,

A handwritten signature in cursive script that reads "Robert M. Zerr".

Robert M. Zerr
Director

RMZ/les

RECEIVED

NOV 06 1995

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REGION III

9603060164 951101
PDR ADOCK 03000694
C PDR

ESTIMATED BURDEN PER RESPONSE TO COMPLY WITH THIS INFORMATION COLLECTION REQUEST: 30 MINUTES. THIS MANDATORY SUBMITTAL IS USED BY NRC AS PART OF THE BASIS FOR ITS DETERMINATION THAT THE FACILITY HAS BEEN CLEARED OF RADIOACTIVE MATERIAL BEFORE THE FACILITY IS RELEASED FOR UNRESTRICTED USE. FORWARD COMMENTS REGARDING BURDEN ESTIMATE TO THE INFORMATION AND RECORDS MANAGEMENT BRANCH (MNBB 7714), U.S. NUCLEAR REGULATORY COMMISSION, WASHINGTON, DC 20555-0001, AND TO THE PAPERWORK REDUCTION PROJECT (3150-0028), OFFICE OF MANAGEMENT AND BUDGET, WASHINGTON, DC 20503.

CERTIFICATE OF DISPOSITION OF MATERIALS

INSTRUCTIONS: ALL ITEMS MUST BE COMPLETED -- PRINT OR TYPE
SEND THE COMPLETED CERTIFICATE TO THE NRC OFFICE SPECIFIED ON THE REVERSE

LICENSEE NAME AND ADDRESS
University of Notre Dame du Lac
Risk Management and Safety
122 Campus Security Building
Notre Dame, Indiana 46556

LICENSE NUMBER

SNM-198

LICENSE EXPIRATION DATE

September 30, 1995

A. MATERIALS DATA (Check one and complete as necessary)

THE LICENSEE OR ANY INDIVIDUAL EXECUTING THIS CERTIFICATE ON BEHALF OF THE LICENSEE CERTIFIES THAT:
(Check and/or complete the appropriate item(s) below.)

- ☐ 1. NO MATERIALS HAVE EVER BEEN PROCURED OR POSSESSED BY THE LICENSEE UNDER THIS LICENSE.
- OR
- ☒ 2. ALL ACTIVITIES AUTHORIZED BY THE LICENSE HAVE CEASED AND ALL MATERIALS PROCURED AND/OR POSSESSED BY THE LICENSE NUMBER CITED ABOVE HAVE BEEN DISPOSED OF IN THE FOLLOWING MANNER. (If additional space is needed, use the reverse side or provide attachments.)

Describe specific material transfer actions and, if there were radioactive wastes generated in terminating this license, the disposal actions including the disposition of low-level radioactive waste, mixed waste, Greater-than-Class-C waste, and sealed sources, if applicable.

For transfers, specify the date of the transfer, the name of the license recipient, and the recipient's NRC license number or Agreement State name and license number. Date of Transfer: 10-20-95

Recipient: University of Notre Dame du Lac
(address same as above)

License Number: 13-01983-15 (broad scope)

If materials were disposed of directly by the licensee rather than transferred to another licensee, licensed disposal site or waste contractor, describe the specific disposal procedures (e.g., decay in storage)

B. OTHER DATA

- ☐ 1. OUR LICENSE HAS NOT YET EXPIRED; PLEASE TERMINATE IT.
- ☐ 2. A RADIATION SURVEY WAS CONDUCTED BY THE LICENSEE TO CONFIRM THE ABSENCE OF LICENSED RADIOACTIVE MATERIALS AND TO DETERMINE WHETHER ANY CONTAMINATION REMAINS ON THE PREMISES COVERED BY THE LICENSE. (Check one)
- ☐ NO (Attach explanation)
- ☐ YES, THE RESULTS (Check one)
- ☐ ARE ATTACHED, or
- ☐ WERE FORWARDED TO NRC ON (Date)

3. THE PERSON TO BE CONTACTED
REGARDING THE INFORMATION
PROVIDED ON THIS FORM

NAME

TELEPHONE NUMBER
(Include Area Code)**RECEIVED**

4. MAIL ALL FUTURE CORRESPONDENCE REGARDING THIS LICENSE TO

NOV 06 1995

REGION III**CERTIFYING OFFICIAL**

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

PRINTED NAME AND TITLE

Associate V.P.
James J. Lyphout Business Affairs

SIGNATURE



DATE

11-1-95

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 RESPECTS. 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 JURISDICTIONS.

FILE CERTIFICATES AS FOLLOWS:

IF YOU ARE A DISTRIBUTOR OF EXEMPT PRODUCTS, SEND TO:

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

ALL OTHERS, IF YOU ARE LOCATED IN:

CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, MAINE,
MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW
JERSEY, NEW YORK, PENNSYLVANIA, RHODE ISLAND, OR
VERMONT, SEND APPLICATIONS TO:

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

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI,
NORTH CAROLINA, PUERTO RICO, SOUTH CAROLINA,
TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:

NUCLEAR MATERIALS SAFETY SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION II
101 MARIETTA STREET NW, SUITE 2900
ATLANTA, GA 30323-0199

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
801 WARRENVILLE ROAD
LISLE, IL 60532-4351

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:

MATERIAL RADIATION PROTECTION SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 73011-8064

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

13-01983-15

Docket or Reference number

030-00694/030-19527/070-00203

Amendment No. 22

University of Notre Dame
Risk Management and Safety
122 Campus Security Building
Notre Dame, IN 46556

In accordance with application dated October 20, 1995, License Number 13-01983-15 is amended as follows:

Items 6., 7., 8., and 9. are amended to add:

- | | | |
|------------------|----------------------------------|---|
| J. Plutonium-239 | J. Sealed PuBe
neutron source | J. One source not to
exceed 16 grams |
|------------------|----------------------------------|---|

9. Authorized Use:

J. To be used for instrument calibration and student instruction.

Conditions 10., 11., and 18. are amended to read:

10. A. Licensed material shall be used only at the licensee's facilities located at the campus of the University of Notre Dame, Notre Dame, Indiana.
- B. Licensed material may also be used at the licensee's facilities located at the University of Notre Dame Research Area, Gogebic County, Michigan, and the University of Notre Dame Environmental Research Center, Land O'Lake, Wisconsin.
- C. Licensed material is Items 7.I. shall be used only at the licensee's facilities located at Room 008C, Biological Sciences Department, Galvin Life Science Center, Juniper Road, University of Notre Dame, Notre Dame, Indiana.
- D. Licensed material listed in Subitem J. shall be used and stored only at the Nuclear Structure Lab of the Physics Department, Room 125 of Nieuwland Science Hall, University of Notre Dame, Notre Dame, Indiana.
11. A. Licensed material shall be used by, or under the supervision of, individuals designated by the licensee's Radiation Control Committee, John Lucey, Ph.D., Chairman.
- B. The Radiation Protection Officer for the activities authorized by this license is Robert Zerr.
- C. Licensed material listed in Subitem J. may be used by, or under the supervision of John Lucy, Ph.D. or Sperry Darden, Ph.D.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

13-01983-15

Docket or Reference number

030-00694/030-19527/070-00203

Amendment No. 22

18. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.
- A. Applications dated September 21, 1987, June 28, 1990, August 12, 1993 and October 20, 1995; and
- B. Letters dated April 26, 1989, March 7, 1991, December 3, 1991, July 9, 1993, and August 12, 1993.

Condition 23 is added:

23. Except for plutonium contained in a medical device designed for individual human application, no plutonium, regardless of form, shall be delivered to a carrier for shipment by air transport or transported in an aircraft by the licensee except in packages the design of which the NRC has specifically approved for transport of plutonium by air.

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date

OCT 30 1995

By

Patricia J. Peone

Nuclear Materials Licensing Branch, Region III



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION III
801 WARRENVILLE ROAD
LISLE, ILLINOIS 60532-4351

Public

U.S. NUCLEAR REGULATORY COMMISSION
REGION III EXPIRED LICENSE CLOSEOUT REPORT

License No. SNM- 198
Docket No. 070-00203

Program Code: 22120
Program Type: Pu-Be Sources

Licensee: University of Notre Dame
122 Campus Security Building
Notre Dame, IN 46556

Initial Review Conducted: 10/16/95

Reviewer: Pat Vacherlon *Pat Vacherlon* 2/24/96
Date

Approved By: *John R. Madera* 2/21/96
John Madera
Nuclear Materials Licensing
Branch
Date

SUMMARY OF REVIEW

1. Persons Contacted
Robert M. Zerr
2. Source of Information
Mr. Zerr and license file
3. Scope of Program
PU-BE sources in storage incident to disposal
4. Status of Program
Inactive. Transferred sources to broadscope license.
5. Conclusion
Licensee transferred sources to broadscope license. Retire license.

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