

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.

APPLICATIONS FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

U.S. NUCLEAR REGULATORY COMMISSION
 DIVISION OF FUEL CYCLE AND MATERIAL SAFETY, NM55
 WASHINGTON, DC 20555

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, 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:

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
 NUCLEAR MATERIALS SAFETY SECTION B
 631 PARK AVENUE
 KING OF PRUSSIA, PA 19406

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

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

IF YOU ARE LOCATED IN:

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION III
 MATERIALS LICENSING SECTION
 799 ROOSEVELT ROAD
 GLEN ELLYN, IL 60137

ARKANSAS, COLORADO, IDAHO, KANSAS, LOUISIANA, MONTANA, NEBRASKA,
 NEW MEXICO, NORTH DAKOTA, OKLAHOMA, SOUTH DAKOTA, TEXAS, UTAH,
 OR WYOMING, SEND APPLICATIONS TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
 MATERIAL RADIATION PROTECTION SECTION
 611 RYAN PLAZA DRIVE, SUITE 1000
 ARLINGTON, TX 76011

ALASKA, ARIZONA, CALIFORNIA, HAWAII, NEVADA, OREGON, WASHINGTON,
 AND U.S. TERRITORIES AND POSSESSIONS IN THE PACIFIC, SEND APPLICATIONS
 TO:

U.S. NUCLEAR REGULATORY COMMISSION, REGION V
 NUCLEAR MATERIALS SAFETY SECTION
 1450 MARIA LANE, SUITE 210
 WALNUT CREEK, CA 94596

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 JURISDICTION.

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

- A. NEW LICENSE
 B. AMENDMENT TO LICENSE NUMBER 20-28040-01
 C. RENEWAL OF LICENSE NUMBER _____

2. NAME AND MAILING ADDRESS OF APPLICANT (Include Zip Code)

Serono Laboratories, Inc.
 76 Pacella Park Drive
 Randolph, MA 02368

3. ADDRESS(ES) WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

Same as section 2 above.

9001170355 881112
 REG1 LIC30
 20-28040-01 PDR

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Maureen A. McLaughlin

TELEPHONE NUMBER

(617) 963-8154 x.425

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 AND EXPERIENCE.

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

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

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

FEE CATEGORY 3M AMOUNT ENCLOSED \$ 120.00

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, 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.

SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Maureen A. McLaughlin

Maureen A. McLaughlin

Q.C. Supervisor/RSO

9/19/88

14. VOLUNTARY ECONOMIC DATA

a. ANNUAL RECEIPTS

<\$250K	\$1M-3.5M
\$250K-500K	\$3.5M-7M
\$500K-750K	\$7M-10M
\$750K-1M	>\$10M

b. NUMBER OF EMPLOYEES (Total for entire facility excluding outside contractors)

c. NUMBER OF BEDS

d. WOULD YOU BE WILLING TO FURNISH COSTY INFORMATION (Dollar and/or staff hours) ON THE ECONOMIC IMPACT OF CURRENT NRC REGULATIONS OR ANY FUTURE PROPOSED NRC REGULATIONS THAT MAY AFFECT YOU? (NRC regulations permit it to protect confidential commercial or financial—proprietary—information furnished to the agency in confidence)

YES

NO

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	COMMENTS
Amend	Oct 19 88	3M	
AMOUNT RECEIVED	CHECK NUMBER	109673	
\$120	038292		

APPROVED BY: *Mr. Messer*
 DATE: *10/21/88*

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 40 and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

Licensee		3. License number	20-28040-01
1. Serono Laboratories, Inc.		4. Expiration date	July 31, 1992
2. 76 Pacella Park Drive Randolph, Massachusetts 02368		5. Docket or Reference No.	030-30029
6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license	
A. Iodine 125 B. Iodine 129	A. Any B. Sealed sources	A. 500 millicuries B. 100 microcuries	

9. Authorized use

A. Research and development as defined in Section 30.4(q) of 10 CFR Part 30.
B. For use as check sources.

CONDITIONS

- 10. Licensed material shall be used only at the licensee's facilities at 76 Pacella Park Drive, Randolph, Massachusetts.
- 11. Licensed material shall be used by, or under the supervision of, Maureen McLaughlin, Robert J. Duane, or individuals approved by the Radiation Safety Officer.
- 12. Licensed material shall not be used in or on human beings.
- 13. The licensee is authorized to hold radioactive material with a physical half-life of less than 65 days for decay-in-storage before disposal in ordinary trash provided:
 - A. Radioactive waste to be disposed of in this manner shall be held for decay a minimum of 10 half-lives.
 - B. Before disposal as normal waste, radioactive waste shall be surveyed to determine that its radioactivity cannot be distinguished from background. All radiation labels shall be removed or obliterated.

9804070218
299

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License number

20-28040-01

Docket or Reference number

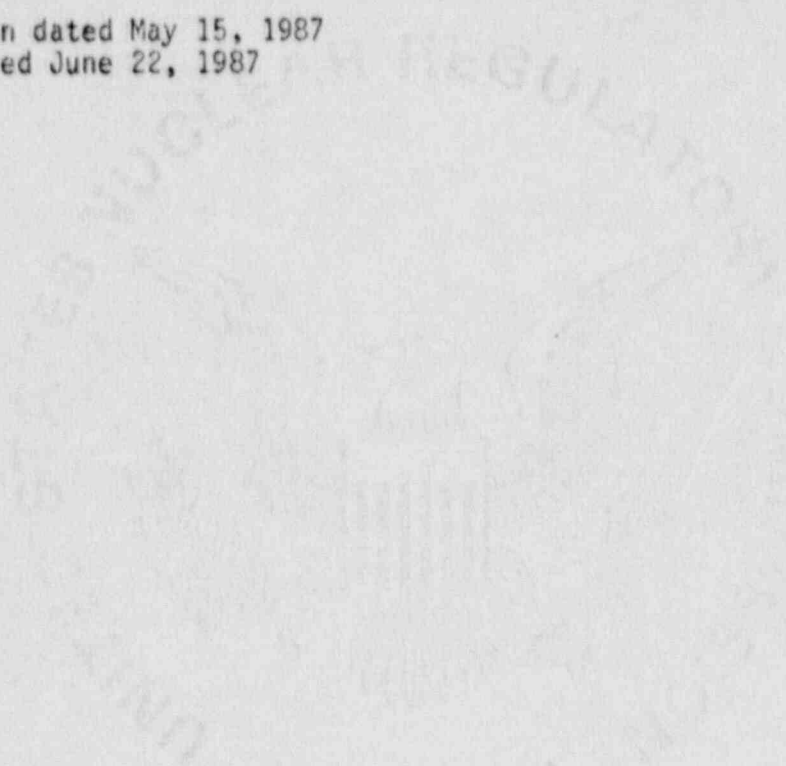
030-30029

(Continued)

CONDITIONS

14. 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 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. Application dated May 15, 1987
- B. Letter dated June 22, 1987



For the U.S. Nuclear Regulatory Commission

Date _____

By Josephine M. Piccone, Ph.D.
 Nuclear Materials Safety and
 Safeguards Branch, Region I
 King of Prussia, Pennsylvania 19406

US Ecology, Inc.
9200 Shelbyville Road, Suite 526
P.O. Box 7246
Louisville, Kentucky 40207
502 426-7100

USEcology

MAUREEN A. MCLAUGHLIN
SERONO LABORATORIES, INC.
BIOTECH PILOT PLANT
76 PACELLA PARK DRIVE
RANDOLPH MA 02368

NOVEMBER 04, 1987

GENERATOR # MAR 99-002-5504

DEAR GENERATOR:

WE HAVE RECEIVED AND PROCESSED YOUR RADIOACTIVE WASTE GENERATOR REGISTRATION AND HAVE ASSIGNED THE ABOVE GENERATOR IDENTIFICATION NUMBER FOR YOU TO USE IN IDENTIFYING SHIPMENTS OF RADIOACTIVE WASTE OFFERED FOR DISPOSAL AT OUR BEATTY, NEVADA OR RICHLAND, WASHINGTON FACILITIES.

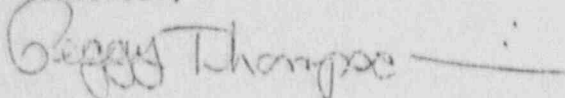
PLEASE USE THIS GENERATOR NUMBER ON THE US ECOLOGY "RADIOACTIVE WASTE SHIPMENT AND DISPOSAL FORM" FOR ALL FUTURE SHIPMENTS. THIS NUMBER SHOULD ONLY BE USED FOR SHIPMENTS OF WASTE GENERATED AT THE FACILITY ADDRESS INDICATED ABOVE.

YOUR GENERATOR PROFILE AS MAINTAINED ON OUR COMPUTER SYSTEM CURRENTLY SHOWS THE FOLLOWING KEY INFORMATION:

COUNTY: Norfolk
BUSINESS: SIC 2834 PHARMACEUTICAL PREPARATIONS
USER PERMITS: BEATTY: NONE
RICHLAND: 1707
LICENSE: US NUCLEAR REGULATORY COMMISSION
TELEPHONE: (617) 963-8154 EXT 425
(617) 890-0041 AFTER HOURS
EXPECTED VOLUME: 48 CUBIC FEET/YEAR
BROKER: US ECOLOGY INC.

SHOULD ANY OF THIS INFORMATION BE INCORRECT, OR SHOULD IT CHANGE, PLEASE NOTIFY ONE OF OUR CUSTOMER SERVICE REPRESENTATIVES AT OUR TOLL-FREE NUMBER: (800) 626-5317.

SINCERELY,



PEGGY THOMPSON
SECRETARY, RADIOLOGICAL DIVISION

Serono

SERONO LABORATORIES, INC.
76 PACELLA PARK DRIVE
RANDOLPH, MASS. 02369 - U.S.A.
TEL. 1/617/8038154
TLX. 851622 SERONUSA RIAND

WASHINGTON STATE DEPARTMENT OF ECOLOGY
Low-Level Radioactive Waste Program

PERMIT NO. 1707



EXPIRES: 10/31/88

SITE USE PERMIT
for Low-Level Radioactive Waste Disposal
SERONO LABORATORIES INC

Registrant

The person or firm to whom this certificate is issued must comply with all applicable federal and state regulations related to the safe management of low-level radioactive waste.

ECY 010-2-78

Permit Does Not Imply Approval

ARGENTINA • AUSTRIA • BRAZIL • ENGLAND • FRANCE • JAPAN • ISRAEL • ITALY • SPAIN • SWEDEN • SWITZERLAND • USA • W. GERMANY

DESIGNER AND MANUFACTURER

OF
Scientific and Industrial
INSTRUMENTS



LUDLUM MEASUREMENTS, INC.

915 • 235-5494 TELEEX No. 460832 UD

POST OFFICE BOX 810

501 OAK STREET

SWEETWATER, TEXAS, U. S. A. 79550

August 19, 1986

Ms. Maureen A. McLaughlin
Q.A. Supervisor/RSO
Serono Laboratories, Inc.
76 Pacella Park Drive
Randolph, MA 02368

Dear Ms. McLaughlin:

In response to your letter of August 15, 1986, we are pleased to enclose a copy of our catalog, which we hope will be helpful to you.

We do offer a calibration service at our facility in Sweetwater. Charges for calibration of one instrument with one probe are \$30.00. There is an extra charge of \$15.00 for each extra probe. Our technician charge is \$30.00 per hour and any parts necessary are extra.

Thank you for your interest in Ludlum and if we may be of further service, please feel free to call on us.

Yours truly,

Lucille Byrd (Mrs.)
Sales Coordinator

lb

Enc.

cc: Mr. John Anderson

109673

27 SEP 1986

OFFICIAL RECORD COPY ML 10

(FOR LFMS USE)
INFORMATION FROM LTS

BETWEEN:

LICENSE FEE MANAGEMENT BRANCH, ARM
AND
REGIONAL LICENSING SECTIONS

PROGRAM CODE: 03620
STATUS CODE: 0
FEE CATEGORY:
EXP. DATE: 19920731
FEE COMMENTS:

LICENSE FEE TRANSMITTAL

A. REGION I

1. APPLICATION ATTACHED

APPLICANT/LICENSEE: SERONO LABORATORIES, INC.
RECEIVED DATE: 880927
DOCKET NO: 3030029
CONTROL NO.: 109673
LICENSE NO.: 20-28040-01
ACTION TYPE: AMENDMENT

2. FEE ATTACHED

AMOUNT: \$120.00
CHECK NO.: 036393

3. COMMENTS

SIGNED A.T. Brown
DATE 88-10-07

B. LICENSE FEE MANAGEMENT BRANCH (CHECK WHEN MILESTONE 03 IS ENTERED 1)

1. FEE CATEGORY AND AMOUNT: 37 (12)

2. CORRECT FEE PAID. APPLICATION MAY BE PROCESSED FOR:

AMENDMENT
RENEWAL
LICENSE

3. OTHER _____

SIGNED Ms. Puzos
DATE 10/1/88

B