

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.

FEDERAL AGENCIES FILE APPLICATIONS WITH:

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

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS, IF YOU ARE LOCATED IN:

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

U.S. NUCLEAR REGULATORY COMMISSION, REGION I
NUCLEAR MATERIAL 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
MATERIAL RADIATION PROTECTION 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
MATERIAL RADIATION PROTECTION SECTION
1450 MARIA LANE, SUITE 210
WALNUT CREEK, CA 94596

(030-29244)
L 19553

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 _____
☐ C. RENEWAL OF LICENSE NUMBER _____

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

Rocky Mountain Materials & Testing
P.O. Box 6077
520 G Street
Rock Springs, WY 82901-6077

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

520 G Street, Rock Springs, Wyoming and at temporary job sites in the state of Wyoming.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Ruth A. Bess

TELEPHONE NUMBER

307-362 3494

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.

1. WASTE MANAGEMENT.

N/A

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

FEE CATEGORY 3E By-Prod. AMOUNT ENCLOSED \$ 230

3. 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

Ruth A. Bess

Ruth A. Bess

Lab Manager

5-9-86

3. 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 COST 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

460177

FOR NRC USE ONLY

PE OF FEE

FEE LOG

FEE CATEGORY

COMMENTS

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

DATE

\$230

123A

#230 Submitted 10/19/86 - withdrawn prior to review

Memo

5/21/86

8610160150 861009
REG4 LIC30
PDR

Rocky Mountain Materials & Testing
P.O. Box 6077 520 G Street
Rock Springs, WY 82901
307-362-3494

- 5 a. Cesium 137, Americium 241
- b. Sealed Source (Campbell Pacific Nuclear Model CPN-131)
- c. Cesium 137 not to exceed 10 millicuries per source.
Americium 241 not to exceed 50 millicuries per source.
6. For use in Campbell Pacific Portaprobe Model MC Series Moisture/Density gauges for measurement of properties of materials.
7. Ruth A. Bess, she has been trained in laboratory procedures and completed a course on Radiation Safety and Use of Nuclear Soil Gauges. Certificate of completion is enclosed.
8. Individuals who will use the moisture/density gauges must complete a course in Radiation Safety and Use of Nuclear Soil Gauges.
9. The moisture/density gauges will be stored at 520 G Street, Rock Springs, Wyoming, which is a materials testing laboratory. They will stay in secured storage when not in use as shown on the enclosed diagram of the lab and office area.



Rocky Mountain Materials Testing

520 G Street, Rock Springs, Wyoming 82901

(307)362-3443

10 A. Safety Program

1. No one will operate or attempt to operate a gauge unless they have been authorized to do so.
2. Unauthorized persons shall be kept away from a gauge.
3. When not in use the gauge will be locked within a cabinet, as seen in attached sketch to protect against the theft of any radioisotope material. The cabinet will be plainly labeled with a radiation warning sign of the approved type. Radiation level at the outside surface of the cabinet should be less than 2 mREM/hr.
4. When the gauge is not in use, or it is being stored, it shall be locked in the safe position.
5. Established operating procedure set forth in the owners manual shall be followed in the operation of a gauge.
6. The gauge will be leak tested at proper intervals with a Campbell Pacific Nuclear Leak Test Kit, CPN #TD-11B every 6 mos.
7. The gauge will only be transported by authorized personnel. While being transported, the gauge will be securely stored in the trunk of a car or in the box of a pickup to prevent the loss, theft, or damage of a gauge. Radiation levels at the driver and passenger seats and the outside surface of the vehicle should be no more than 2 mREM/hr.
8. A film badge will be worn by the operator during the operation and the transporting of a gauge.
9. Under no circumstances will any repairs or modifications be attempted on the sealed source.

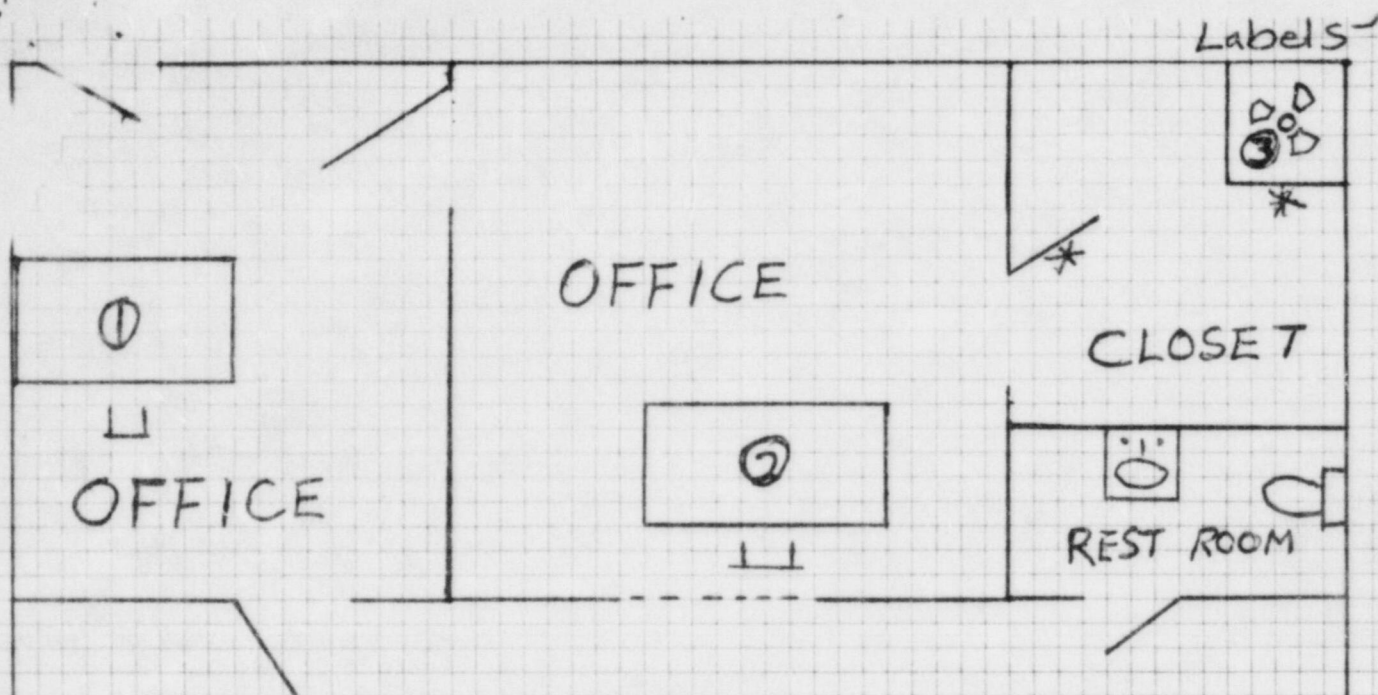
B. ACCIDENTS AND INCIDENTS

1. In the case of a gauge being lost, stolen, or involved in an accident which might cause physical damage to the source, the operator must immediately notify the Radiation Safety Officer.
2. The Radiation Safety Officer will immediately notify the following authority who will provide instruction and assistance in accordance with the circumstances of the incident:
WYOMING PUBLIC HEALTH
RADIOLOGY DIVISION
HATHAWAY BLDG.
CHEYENNE, WYOMING 82001
307-777-7391
3. In the event of the possibility of damage to the sealed source or source control mechanism, the operator will keep unauthorized persons at least ten feet from the gauge and prevent removal of the gauge from the site until authorization by the Public Health, or an appropriate authority.
4. If the gauge is lost or stolen, the police or other law enforcement agency within whose jurisdiction the incident occurred, will be notified immediately.

C. FILM DOSIMETER BADGES

R.S. Landauer, Jr. & Co.
Division of Tech/Ops, Inc.
2 Science Road, Glenwood, Illinois 60425-1586
312-755-7000

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WORK AREA #1 OCCUPIED NO MORE THAN 2-4 HRS. PER WORK DAY

WORK AREA #2 OCCUPIED NO MORE THAN 4 HRS PER WORK DAY

Area #3 Storage cabinet for nuclear density gauge when not in use and being recharged. Gauge will be locked in place with limited access. Closet door will be locked with limited access. Both storage area and closet door to have standard magenta or purple on yellow radiation warning labels.

OVER HEAD DOOR

Certificate Of Completion

This is to certify that RUTH A. BESS has completed the basic training
course on *Radiation Safety and Use of Nuclear Soil Gauges*, held
this 25th day of MAY 1984, held at EAGLE CONCRETE City of ROCK SPRINGS

State of WYOMING by *Campbell Pacific Nuclear Corporation.*


INSTRUCTOR


RADIATION SAFETY OFFICER

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