

APPENDIX A
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

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):

Project Manager
U.S. Bureau of Reclamation
P.O. Box 1630
Mills, WY 82644

3. ADDRESSES WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED:

The gauging device will be stored in a locked closet, inside the locked soils laboratory at 705 Pendell Boulevard, Mills, Wyoming. The gauging device will be used at temporary construction sites throughout the Bureau of Reclamation's North Platte River Projects area in Wyoming.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Project Manager David G. Wilde

TELEPHONE NUMBER

307-261-5671

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

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, 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

David G. Wilde

DAVID G. WILDE

PROJECT MANAGER

3/19/86

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 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

FOR NRC USE ONLY

TYPE OF FEE

FEE LOG

FEE CATEGORY

COMMENT

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

DATE

Continuation Sheet

5.	A	B	C
	Element & Mass #	Chemical &/or Physical Form	Maximum Amount which will be possessed at any one time
a)	Cesium 137	sealed source	for use in Campbell Pacific Model MC Series Moisture Density Gauge
b)	Americium 241	sealed source	same as above
c)	Cesium 137	sealed source	for use in Troxler Models 3401, 3401B, 3411, 3411B Moisture Density Gauges
d)	Americium 241	sealed source	same as above

6. The licenced material will be used in various models of moisture-density gauges to measure moisture and density in soil, asphalt, and concrete.

7. Responsible Individuals:

Steve Lux, no training; Tony Morton, 40 hours training; Gary Pelton, less than 40 hours training; James Blanchard, 16 hours training in radiation safety.

Mr. Lux will complete the device manufacturer's training program or its equivalent prior to the device being used.

8. Each employee who will be permitted to use the moisture-density gauges will first complete the device manufacturer's training program, or its equivalent, before being allowed to use the device.
9. The gauging device will be stored in a locked closet inside a locked building at 705 Pendell Boulevard in Mills, Wyoming. Only authorized personnel will have keys to the building and closet. When the device is not in storage it will be under constant surveillance and in the immediate control of authorized users.
- 10.1 All persons using the devices will wear film badges. The badges will be replaced monthly.

- 10.3. Leak tests will be done for each source every 6 months. Test samples will be taken by the individuals responsible for our radiation safety program using materials supplied by the Wyoming Disaster and Civil Defense Department (WDCD) in Cheyenne, Wyoming 82001. The WDCD will also report the test results to us.
- 10.4. Any maintenance performed on the device will be done only by authorized personnel who are qualified through special training in procedures, use of a radiation survey meter, and radiation safety precautions. All maintenance will be done with the radioactive source in the safe shielded position.
- 10.5. Packaging and transport of the device will be carried out in accordance with applicable D.O.T. regulations.
- 10.6 Authorized personnel who use the device will be provided with written operating and emergency procedures that include the following:
 - a. Use of personal dosimeters
 - b. Use of the gauging device
 - c. Storage and surveillance of the device
 - d. Transporting the device
 - e. Conducting leak tests on the device
 - f. Response to emergencies
11. If the radioactive source needs to be disposed of, disposal will be by transfer of the radioactive material to an authorized licensee.
12. N/A.