

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)

Campbell Construction Services, Inc.
6173 Aviation Drive
Berkeley, MO 63134

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

Campbell Construction Services, Inc.
6173 Aviation Drive
Berkeley, MO 63134

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Carl W. Rapp

TELEPHONE NUMBER

314/895-4407

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

8510040017 B50912
REG3 LIC30
24-24559-01 PDR

10. RADIATION SAFETY PROGRAM

11. WASTE M

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

FEE CATEGORY AMOUNT
ENCLOSED \$ 230.00

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 OF TITLE 18, U.S. STAT. 1801 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION
TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES OR ANY MATTER WITHIN ITS JURISDICTION.

SIGNATURE—CERTIFYING OFFICER

TYPED/PRINTED NAME

TITLE

DATE

Carl W. Rapp

Carl W. Rapp

Associate Principal

8-7-85

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 YOUR FACILITY? 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

APPROVED BY

AMOUNT RECEIVED

CHECK NUMBER

CONTROL NO. 79601

DATE

PRIVACY ACT STATEMENT

Pursuant to 5 U.S.C. 552a(e)(3), enacted into law by section 3 of the Privacy Act of 1974 (Public Law 93-579), the following statement is furnished to individuals who supply information to the Nuclear Regulatory Commission on NRC Form 313. This information is maintained in a system of records designated as NRC-3 and described at 40 Federal Register 45334 (October 1, 1975).

1. **AUTHORITY:** Sections 81 and 161(b) of the Atomic Energy Act of 1954, as amended (42 U.S.C. 2111 and 2201(b)).
2. **PRINCIPAL PURPOSE(S):** The information is evaluated by the NRC staff pursuant to the criteria set forth in 10 CFR Parts 30, 32, 33, 34, 35 and 40 to determine whether the application meets the requirements of the Atomic Energy Act of 1954, as amended, and the Commission's regulations, for the issuance of a radioactive material license or amendment thereof.
3. **ROUTINE USES:** The information may be (a) provided to State health departments for their information and use; and (b) provided to Federal, State, and local health officials and other persons in the event of incident or exposure, for their information, investigation, and protection of the public health and safety. The information may also be disclosed to appropriate Federal, State, and local agencies in the event that the information indicates a violation or potential violation of law and in the course of an administrative or judicial proceeding. In addition, this information may be transferred to an appropriate Federal, State, or local agency to the extent relevant and necessary for an NRC decision or to an appropriate Federal agency to the extent relevant and necessary for that agency's decision about you.
4. **WHETHER DISCLOSURE IS MANDATORY OR VOLUNTARY AND EFFECT ON INDIVIDUAL OF NOT PROVIDING INFORMATION:** Disclosure of the requested information is voluntary. If the requested information is not furnished, however, the application for radioactive material license, or amendment thereof, will not be processed. A request that information be held from public inspection must be in accordance with the provisions of 10 CFR 2.790. Withholding from public inspection shall not affect the right, if any, of persons properly and directly concerned need to inspect the document.
5. **SYSTEM MANAGER(S) AND ADDRESS:** U.S. Nuclear Regulatory Commission
Director, Division of Fuel Cycle and Material Safety
Office of Nuclear Material Safety and Safeguards
Washington, D.C. 20555

RECEIVED
AUG 1 1982
SECTION III

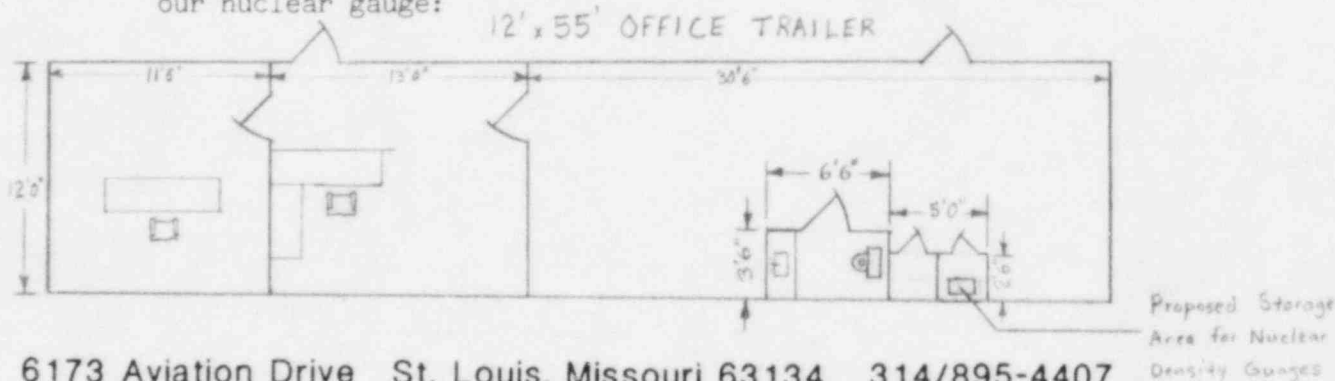


Campbell Construction Services

Construction Management Design Build General Contracting Testing

5. Radioactive Material
 - a. Cesium 137, Americium 241/Be
 - b. CPN-131 Sealed Source
 - c. Not to exceed 10 millicuries Cesium 137 and 50 millicuries Americium 241 in each source pair, one source pair in each device.
6. Purpose for which licensed material will be used.
 - a. To be used in CPN CORP Model A, BRC, MC, or 501 Density/Moisture Gauges for the measurement of density and moisture of construction materials at various jobsites.
7. Individual responsible for radiation safety program and their training and experience.
 - a. Carl W. Rapp - Has successfully completed the Troxler Electronic Laboratories, Inc. Training Course for the Use of Nuclear Testing Equipment and has since performed Moisture Density Tests on Construction Projects using the Troxler 3411B.
8. Training for individuals working in or frequenting restricted areas.
 - a. Carl W. Rapp - Has successfully completed the Troxler Electronic Laboratories, Inc. Training Course for the Use of Nuclear Testing Equipment and has since performed Moisture Density Tests on Construction Projects using the Troxler 3411B.
 - b. Larry Davis - Has completed the basic training course on Radiation Safety and Use of Nuclear Soil Gauges held by Campbell Pacific Nuclear Corporation and performed Moisture Density Tests on Construction Projects using the Campbell Pacific MC-2 Nuclear Gauge.
9. Facilities and Equipment
 - a. The Nuclear Devices will be kept in locked storage when not in use and final key access will only be by authorized users. The storage area will be lighted and have an electrical outlet for charging the gauge while in storage. The gauge in storage will be more than 10 feet from the nearest desk or other full time employee area. Also it will be in a locked closet with a sign on the outside for limited key access.

The following sketch proposes the manner in which we will store our nuclear gauge:



6173 Aviation Drive St. Louis, Missouri 63134 314/895-4407

1316 Convention Plaza St. Louis, Missouri 63103 314 231-4747

St. Louis, MO Horseheads, NY Kansas City, MO Prairie Village, KS Alton, IL
Darmstadt, FRG Campbell, NY Baton Rouge, LA Wellshoro, PA Belleville, IL

AUG 19 1985

10. Radiation Safety Program

- a. The Nuclear Gauge will be securely restrained in vehicles to prevent theft or loss while unattended or in an accident. Metal clamps, chains, or bars will be used.
- b. The Nuclear Gauge and its shipping case will be hidden from view while in an unattended vehicle to minimize attractive nuisance value.
- c. All users will wear film badges when using the Nuclear Gauge. Badges will be stored away from gauges when not in use and will be protected from external heat.
- d. Radiation labels or placards will be removed from vehicles when not actually transporting the Nuclear Gauge to avoid confusion should an accident occur to the vehicle when it does not contain the Gauge.
- e. Gauges will be securely locked in storage areas when not in use. Keys will be restricted to authorized users only.
- f. The Nuclear Gauge will be used only by users specifically authorized in writing by the Radiation Safety Officer.
- g. The Gauge will be leak tested annually using Campbell Pacific Nuclear Test Kit TD-11B or other approved kit. Results will be maintained for permanent record and inspection.
- h. Disposal of the source or of the device will not be done by licensee directly.

In the event of emergency disposal, we shall contact the factory or other authorized disposal facility for instructions.

The unit will be transferred only to authorized licensees for this specific device and a record of transfer will be retained in our files, with proof of license authority by the recipient, in the event of sale, trade, loan, or other transfer.

11. Waste Management

- a. Disposal will be made by others.



Campbell Construction Services

Construction Management • Design-Build • Testing

1316 Convention Plaza • St. Louis, Missouri 63103 • (314) 231-4147
Horseheads, NY • Columbia, MO • Albany, NY • Springfield, IL • Springfield, IL (FBI)
6173 Aviation Dr., Berkeley, MO 63134
314/895-4407

LETTER OF TRANSMITTAL

TO U.S. Nuclear Regulatory Commission

799 Roosevelt Road

Glen Ellyn, IL 60137

DATE <u>8-14-85</u>	JOB NO. <u>1018</u>
ATTENTION <u>Material Licensing Section</u>	
RE <u>Application for Material License</u>	

WE ARE SENDING YOU ☒ Attached ☐ Under separate cover via _____ the following items:

- ☐ Shop drawings ☐ Prints ☐ Plans ☐ Samples ☐ Specifications
☐ Copy of letter ☐ Change order ☐ _____

COPIES	DATE	NO.	DESCRIPTION
1	8-7-85		Application for Material License
1	8-7-85		Check #1035 in the amount of \$230.00 for license fee.

THESE ARE TRANSMITTED as checked below:

- ☐ For approval ☐ Approved as submitted ☐ Resubmit _____ copies for approval
☐ For your use ☐ Approved as noted ☐ Submit _____ copies for distribution
☐ As requested ☐ Returned for corrections ☐ Return _____ corrected prints
☐ For review and comment ☐ _____
☐ FOR BIDS DUE _____ 19 _____ ☐ PRINTS RETURNED AFTER LOAN TO US

REMARKS _____

RECEIVED

AUG 19 1985

REGION III

COPY TO _____

CONTROL NO. **79601**

SIGNED: Carl W. Rapp, P.E. / ls

AUG 19 1985