

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)

Hilde Construction Co., Inc.
P.O. Box 2287
Great Falls, MT 59403

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

At address listed in item 2 and at job sites throughout the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction over the use of by-product material.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Loren R. Blossom

TELEPHONE NUMBER

406-761-3540

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 3P 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 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

Loren R. Blossom

Loren R. Blossom

Radiation Safety Officer

2/19/85

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 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

APPL. FEB 23 1985

7603 IV

3P

AMOUNT RECEIVED

CHECK NUMBER

#230

44918

8507290568 850619
REQ4 LIC30
25-23169-01 PDR

APPROVED BY

Francis Zeman

DATE

2/20/85

460548

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

Application for Material License

- 5) a. Cs-137; b. special form c. not to exceed 9 mCi per source
- 6) Troxler Model 4640 Surface Density Gauge
- 7) Loren R. Blossom and Myron Moore
Radiological Safety Training Course, theory, maintenance and operation of the Seaman Nuclear Series of nuclear meters. Copies of their certificates are attached.
- 8) We anticipate purchasing a Model 4640 in April. The Troxler Corporation has a training class scheduled for our area on June 5th. Our operators will attend this training session.
- 9) On the attached sketch it is 31 feet to the nearest occupied area. This area is occupied mainly during the winter months (Dec-Feb). The rest of the year it is occupied periodically. Loren R. Blossom and Myron Moore have keys to the storage area.
- 10) See attachment. We have a contract with R. S. Landaver, Jr. & Co. to monitor our dosimeters.
- 11) We would transfer the gauge back to the manufacturer.

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Nuclear Testing Device

Safety Program

From: Radiation Safety Officer

To: Users of Nuclear Gauges

Each meter shall be kept in a shielded position and locked when not in use.

Each storage container shall be locked when not under the direct surveillance of the user.

Each user shall have in his possession a copy of the operating procedures including radiation protection and emergency procedures.

Each operator shall wear a personnel monitoring badge.

Each user shall take a physical inventory of each meter at least every ninety days.

A current utilization log shall be maintained and contain the following:

- 1) Serial and model number of meter
- 2) Operator name
- 3) Date of use
- 4) Where used

Never place hands or feet under meter when the source is in the unshielded position.

Never place the source in an unshielded position when the meter is on an unabsorbing medium.

Never attempt to repair or modify a meter.

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NUCLEAR TESTING DEVICE

EMERGENCY PROCEDURE

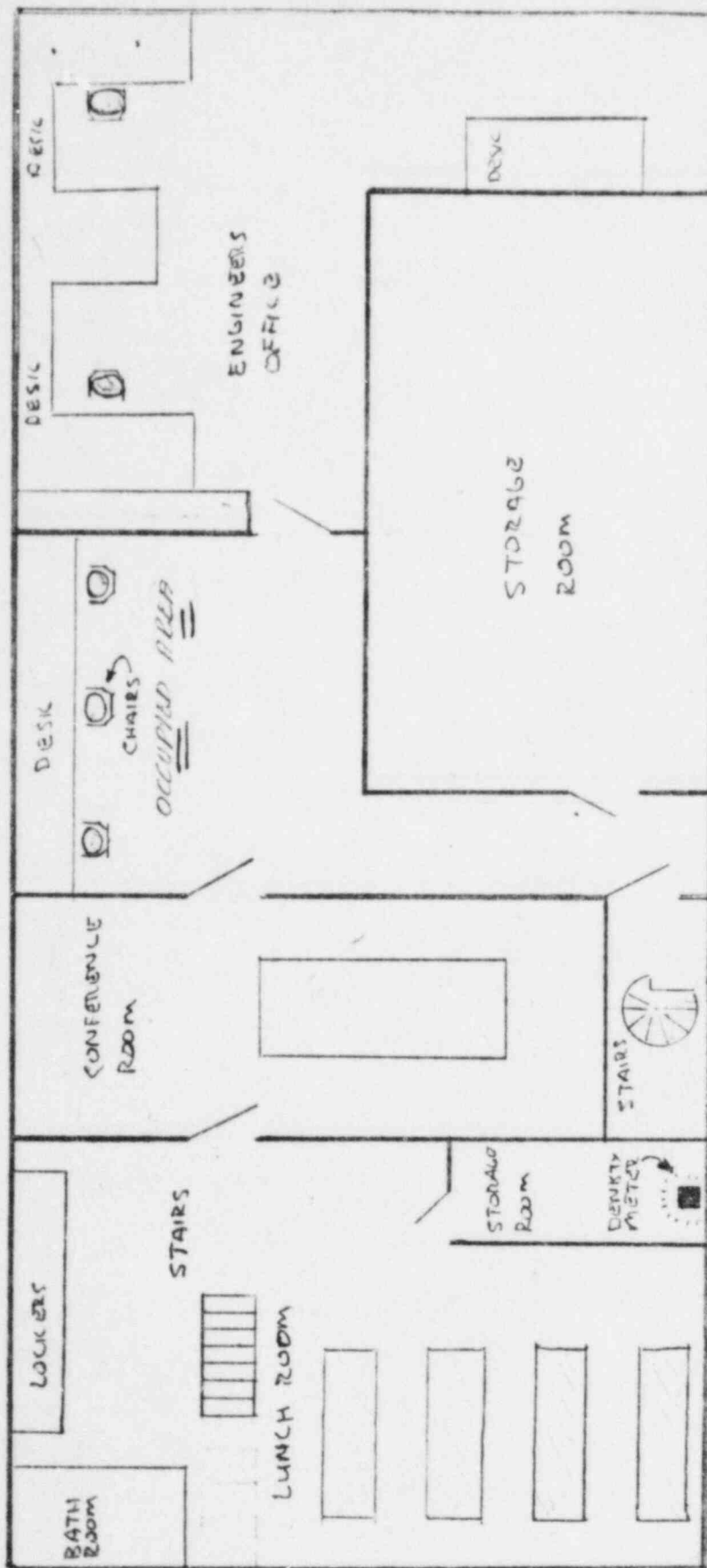
IN THE CASE OF AN ACCIDENT, DO NOT MOVE METER AND IMMEDIATELY NOTIFY THE
FOLLOWING:

STATE OF MONTANA
DEPARTMENT OF HEALTH & ENVIRONMENTAL SCIENCES
OCCUPATIONAL HEALTH BUREAU
COGSWELL BUILDING
HELENA, MONTANA 59601
406-444-3761

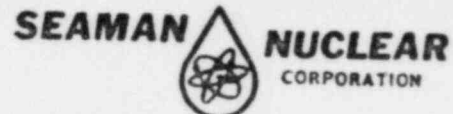
LOREN BLOSSOM
RADIATION SAFETY OFFICER
HILDE CONSTRUCTION CO., INC.
GREAT FALLS, MONTANA 59403
406-761-3540

CORDON OFF AN AREA AROUND THE METER. AN AREA RADIUS OF 15 FEET WILL BE SUFFICIENT.

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460548



7315 South First Street
Oak Creek, Wisconsin 53154

HEREBY CERTIFIES THAT ON

August 29, 1984

LOREN BLOSSOM

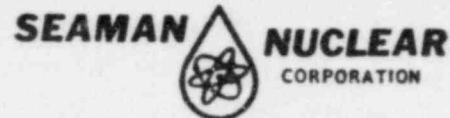
HAS SUCCESSFULLY COMPLETED THE FACTORY PRESCRIBED RADIOLOGICAL SAFETY TRAINING COURSE, THEORY, MAINTENANCE, AND OPERATION OF THE SEAMAN NUCLEAR SERIES OF NUCLEAR METERS.

THIS FURTHER ATTESTS THAT THE ABOVE NAMED HAS MET ALL THE REQUIREMENTS OF ACCURACY IN TESTING SOILS, AGGREGATES, CONCRETES, ASPHALTIC CONCRETES, AND/OR ROOFING MOISTURE.

IN TESTIMONY WHEREOF, THIS CERTIFICATE HAS BEEN ISSUED BY AUTHORITY OF THE CORPORATION.

CHIEF RADIOLOGIST

RESIDENT



7315 South First Street
Oak Creek, Wisconsin 53154

HEREBY CERTIFIES THAT ON

August 29, 1984

MYRON MOORE

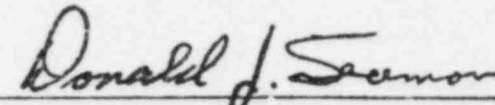
HAS SUCCESSFULLY COMPLETED THE FACTORY PRESCRIBED RADIOLOGICAL SAFETY
TRAINING COURSE, THEORY, MAINTENANCE, AND OPERATION OF THE SEAMAN NUCLEAR
SERIES OF NUCLEAR METERS.

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ACCURACY IN TESTING SOILS, AGGREGATES, CONCRETES, ASPHALTIC CONCRETES, AND/
OR ROOFING MOISTURE.

IN TESTIMONY WHEREOF, THIS CERTIFICATE HAS BEEN ISSUED BY AUTHORITY OF THE
CORPORATION.



CHIEF RADIOLOGIST



PRESIDENT

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