

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to infocollects.resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOF-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

ALABAMA, CONNECTICUT, DELAWARE, DISTRICT OF COLUMBIA, FLORIDA, GEORGIA, KENTUCKY, MAINE, MARYLAND, MASSACHUSETTS, NEW HAMPSHIRE, NEW JERSEY, NEW YORK, NORTH CAROLINA, PENNSYLVANIA, PUERTO RICO, RHODE ISLAND, SOUTH CAROLINA, TENNESSEE, VERMONT, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA, SEND APPLICATIONS TO:

LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

IF YOU ARE LOCATED IN:

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

MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION III
2443 WARRENVILLE ROAD, SUITE 210
LISLE, IL 60532-4352

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS, LOUISIANA, MISSISSIPPI, MONTANA, NEBRASKA, NEVADA, NEW MEXICO, NORTH DAKOTA, OKLAHOMA, OREGON, PACIFIC TRUST TERRITORIES, SOUTH DAKOTA, TEXAS, UTAH, WASHINGTON, OR WYOMING, SEND APPLICATIONS TO:

NUCLEAR MATERIALS LICENSING BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

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 JURISDICTIONS.

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)

OHM
c/o Douglas Cooper
P.O. Box 9
Houghton, Mi 49930

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

OHM
46479 US Hwy 41
Houghton, MI 49931

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Douglas Cooper

TELEPHONE NUMBER

(906) 370-2987

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 EXPERIENCE.

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

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

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

FEE CATEGORY **3P**

AMOUNT ENCLOSED

\$ 1,400.00

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, 36, 39, 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.

CERTIFYING OFFICER -- TYPED/PRINTED NAME AND TITLE

Douglas Cooper/RSO

SIGNATURE

DATE

03/23/2010

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
APPROVED BY			\$	DATE	

RECEIVED APR 01 2010



Re: NRC application for material License questions 5-11

- 5. Radioactive Material-** Seaman Nuclear Density Meter model C-75
a. Element and Mass Number-*Radium 226:Beryllium (Ra 226:Be)*
b. Chemical and or Physical Form-*Solid in a Sealed Source Capsule*
c. Possessed amount-*4.5mCi*

6. Purpose use- *Portable nuclear density gauge for measuring physical properties of materials; soils, bituminous, and concrete.*

7. Individual responsible for radiation safety program and training-
Douglas Cooper; MDOT Nuclear Density training, Nuclear density operator since 1993, Seaman RSO training, 40 hour Hazmat Training; per NUREG-1556, Vol. 1, Rev.1 dated Nov 2001.

8. Training for individual working in or around frequenting restricted areas-Before using licensed material, authorized users will have successfully completed the in house training course designed by Seaman Nuclear Corp on the operation, safety and secure use of model C-75 nuclear density meter, and *per NUREG-1556, Vol. 1, Rev.1 dated Nov 2001.*

9. Facilities and Equipment-Not Required.

10. Radiation Safety Program- *In house annual training on use and safety of nuclear density gauge including the following:*

- **Audit program-**Not Required.
- **Termination of Activities-**Not Required.
- **Survey Instrument-**Possession of a survey instrument that meets the criteria in the section entitled "Radiation Safety Program-Instrument" *per NUREG-1556, Vol. 1, Rev.1 dated Nov 2001.*
- **Material Receipt and Accountability-**Physical inventory conducted every 6 months to account for all sealed sources.
- **Occupational Dosimetry-**We will maintain for inspection by NRC film badge records that is processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.
- **Public Dose-**Not Required

- **Operations and Emergency Procedures**-We will implement and maintain the operating and emergency procedures in Appendix H of *per NUREG-1556, Vol. 1, Rev.1 dated Nov 2001 and provide copies of these procedures to all gauge users and at each job site.*
- **Leak Test**-Leak tests will be performed at 6 month intervals approved by NRC and specified in the Sealed Source Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC to provide leak test kits to other licensees and according to the kit supplier's instruction.
- **Maintenance**-Routine Cleaning and Lubrication. We will implement and maintain procedures for routine maintenance of our gauges according to manufacture recommendation and instructions.
- **Maintenance**-Non-Routine Maintenance. We will send the gauge to the manufacturer for repair operations that require the removal of the source or source rod from the gauge.
- **Transportation**-Not Required

11. Waste Management-Not Required

Extremely Urgent

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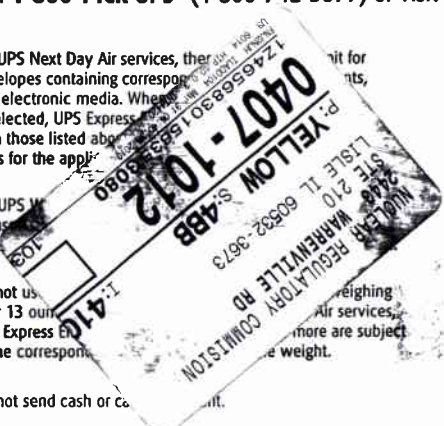
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DOUGLAS COOPER
(906) 482-0535
OHM
46479 US HWY 41
HOUGHTON MI 49931-0009

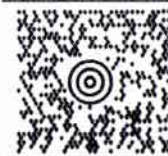
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SUITE 210
2443 WARRENVILLE ROAD
REGION III
LISLE IL 60532-4352

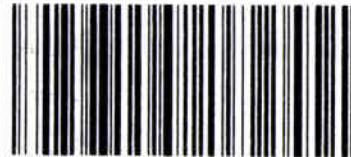


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