

APPLICATION FOR MATERIAL LICENSE

Estimated burden per response to comply with this mandatory collection request: 7.4 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 Management Branch (T-6 E6), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to bjs1@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NE08-10202, (3150-0000), 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:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS
U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:

IF YOU ARE LOCATED IN:

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

LICENSING ASSISTANT SECTION
NUCLEAR MATERIALS SAFETY BRANCH
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

ALABAMA, FLORIDA, GEORGIA, KENTUCKY, MISSISSIPPI, NORTH CAROLINA, PUERTO
RICO, SOUTH CAROLINA, TENNESSEE, VIRGINIA, VIRGIN ISLANDS, OR WEST VIRGINIA,
SEND APPLICATIONS TO:

SAM NUNN ATLANTA FEDERAL CENTER
U. S. NUCLEAR REGULATORY COMMISSION, REGION II
61 FORSYTH STREET, S.W., SUITE 23785
ATLANTA, GEORGIA 30303-8931

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
801 WARRENVILLE RD.
LISLE, IL 60532-4351

ALASKA, ARIZONA, ARKANSAS, CALIFORNIA, COLORADO, HAWAII, IDAHO, KANSAS,
LOUISIANA, 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 SECTION
U.S. NUCLEAR REGULATORY COMMISSION, REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-8084

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.

<p>1. THIS IS AN APPLICATION FOR (Check appropriate item)</p> <p><input type="checkbox"/> A. NEW LICENSE</p> <p><input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____</p> <p><input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>21-23396-02</u></p>		<p>2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)</p> <p>Moore & Bruggink, Inc. 2020 Monroe Avenue, NW Grand Rapids, Michigan 49505-6298</p>	
<p>3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED</p> <p>Moore & Bruggink, Inc. 2020 Monroe Avenue, NW Grand Rapids, Michigan 49505-6298 (Permanent storage and dispatching site + temporary jobsites anywhere in Michigan)</p>		<p>4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION</p> <p>Roy Jay Laisure</p> <p>TELEPHONE NUMBER</p> <p>1-616-363-9801</p>	
<p>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.</p>			
<p>5. RADIOACTIVE MATERIAL</p> <p>a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.</p>		<p>6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.</p>	
<p>7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.</p>		<p>8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.</p>	
<p>9. FACILITIES AND EQUIPMENT.</p>		<p>10. RADIATION SAFETY PROGRAM.</p>	
<p>11. WASTE MANAGEMENT.</p>		<p>12. LICENSE FEES (See 10 CFR 170 and Section 170.31)</p> <p>FEE CATEGORY <u>3P</u> AMOUNT ENCLOSED \$ <u>N/A</u></p>	
<p>13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON</p> <p>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, 38, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.</p> <p>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.</p>			

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE	SIGNATURE	DATE
Roy Jay Laisure	<i>Roy J. Laisure</i>	09-07-04

FOR NRC USE ONLY

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

MOORE & BRUGGINK, INC.

Consulting Engineers

2020 Monroe Avenue, N.W.

Grand Rapids, Michigan 49505-6298

Attachment to: APPLICATION FOR MATERIAL LICENSE
Renewal of License No. 21-23396-02

By copy of this memo, we are submitting the required information for items 5 thru 11 of NRC FORM 313.

Item #5: Radioactive Material:

<u>A</u>	<u>B</u>	<u>C</u>
Byproduct, source, and/or special nuclear material	Chemical and/or physical form	Maximum amount that license may possess at any one time under this license
• Cesium-137 (Registered and approved)	A. Sealed source (Troxler Dwg. No. A-102112)	A. No single source to exceed 10 millicuries
• Americium-241 (Registered and approved)	B. Sealed source (Troxler Dwg. No. A-102451)	B. No single source to exceed 50 millicuries

Item #6: The licensed material is used for determining moisture and density of various soils and is sealed in a portable density gauge manufactured by Troxler, Inc. Gauges will be used for the purposes described in their respective 550 Registration Sheets.

Item #7: The individual responsible for radiation safety and employee training is Roy J. Laisure.

Item #8: All technicians/gauge users have successfully completed a required safety training course.

Item #9: The licensed materials are stored in a locked metal storage cabinet. This cabinet is located in a locked storage room, which is within our general storage area that is also secured by lock and entrance alarm systems.

Item #10: We will either possess and use, or have access to and use, a radiation survey meter that meets the criteria in the section entitled "Radiation Safety Program-Instruments" in NUREG-1556, VOL 1, "Consolidated Guidance about Material Licenses: Program Specific Guidance about Portable Gauge Licenses", dated May 1997 in the event of an incident.

- Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.
- All of our gauge users are provided with dosimeters. These dosimeters are processed and evaluated monthly. Our processor is Landauer.
- We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, VOL 1. These procedures are provided to each gauge user.
- "Leak tests will be performed at intervals approved by the *NRC* or an Agreement State and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by *NRC* or an Agreement State to provide leak testing services to other licensees or using a leak test kit supplied by an organization authorized by *NRC* or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions."

Item #11: Waste management. Not applicable at this time.



Roy J. Laisure
Moore & Bruggink, Inc.

MOORE & BRUGGINK, INC

Consulting Engineers
2020 Monroe Avenue, N.W.
Grand Rapids, Michigan 49505-6298

CERTIFIED MAIL™



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FWS

Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region III
801 Warrenville Rd.
Lisle, IL 60532-4332

US--801 605323012 1404 19 09/15/04
NOTIFY SENDER OF NEW ADDRESS
:US NUCLEAR REGULATORY COMM
2443 WARRENVILLE RD STE 210
LISLE IL 60532-4332

60532

