



APPLICATION FOR MATERIALS  
LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. ~~Submit~~ 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 FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to [Infocollects.Resource@nrc.gov](mailto:Infocollects.Resource@nrc.gov), and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-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. \*AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.

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  
2100 RENAISSANCE BOULEVARD, SUITE 100  
KING OF PRUSSIA, PA 19406-2713

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  
1600 E. LAMAR BOULEVARD  
ARLINGTON, TX 76011-4511

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 44-31063-01

2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)

S.D. Ireland  
P.O. Box 2286  
SO. BURLINGTON 05407

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

100 Grove St.  
Burlington, VT 05401

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Nate Parry

BUSINESS TELEPHONE NUMBER: 802-863-6222

BUSINESS CELLULAR TELEPHONE NUMBER: 802-316-9049

BUSINESS EMAIL ADDRESS: ~~ABParry~~ nate@sdireland.com

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 (Fees required only for new applications, with few exceptions\*)  
(See 10 CFR 170 and Section 170.31)

FEE CATEGORY: 3P? AMOUNT ENCLOSED \$ 0

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, 37, 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

Nate Parry - Q.C. Manager

SIGNATURE: *Nate Parry*

DATE: 7/8/15

FOR NRC USE ONLY

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

10 YR RENEWAL

**5. Radioactive Material**

- Radionuclide AM-241 Serial #78-1683 & Radionuclide CS-137  
Serial #77-3889

-Manufacturer of Sealed Source: Troxler Road Reader Plus, Model #3450  
Serial #981

-Above sealed source is registered as an approved sealed source

-Above sealed source will not exceed maximum activity as listed on certificate

6. Gauge device will be used for the purposes listed on the SSD Registration Sheet.  
To measure physical properties of materials

7. RSO: Nathan Parry, Required Safety Course and 18+ year's experience

8. Both qualified users, Nathan Parry, and Corey Stevens have successfully completed Q/C Resource Training Course. Any additional personnel, before using the above licensed materials, will have successfully completed one of the training courses described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, "Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge License," dated November 2001

9. Adequate security and control over gauges

10. - Physical inventories will be conducted on a regular basis not to exceed 6 months to assure all sealed sources are safe and secure as required under the license. One density gauge is used and locked up in the proper location every night. Periodic

- All qualified operators of the above unit will be required to wear a whole body dosimeter during any time when in use, transportation, and or maintenance. All records of exposure for each will be on file for inspection by NRC.

11. Operating and emergency procedures will be developed, implemented, and maintained, and will meet the criteria in the section entitled Radiation Safety Program - Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses, dated November 2011.

**Walt, GERALYN**

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**From:** Cassata, James  
**Sent:** Tuesday, September 01, 2015 6:11 AM  
**To:** R1LAT RESOURCE  
**Subject:** Receipt of Renewal Application for NRC License 44-31063-01 Dated August 31, 2015  
**Attachments:** 2015 08 31 Renewal Application for S.D. Ireland Concrete Construction Corp  
44-31063-01.pdf

NRC License No. 44-31063-01  
Doc No. 030-36970  
Licensee Name: S.D. Ireland Concrete Construction Corp

LAT, *Renewal*  
I received the attached application for *Renewal* of license from the S.D. Ireland Concrete Construction Corp,  
on August 31, 2015. ✓

Please enter it into the licensing action system to be assigned to a license reviewer once it gets entered.

Please do not assign it to me at this time.

Thank you,  
Jim

James R. Cassata, Ph.D., CHP  
Health Physicist  
Nuclear Regulatory Commission, Region I  
Division of Nuclear Materials Safety,  
Commercial, Industrial, R&D, and Academic Branch  
2100 Renaissance Boulevard, Suite 100  
King of Prussia, PA 19406-2713  
Office: 610-337-5303  
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<http://www.nrc.gov/>