NRC FORM 313 (10-2015)
10 CFR 30, 32, 33, 34
35, 36, 37, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIALS LICENSE

APPROVED BY OMB: NO. 3150-0120 EXPIRES: 12/31/2015

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 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, 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:

MATERIALS SAFETY LICENSING BRANCH
DIVISION OF MATERIAL SAFETY, STATE, TRIBAL AND RULEMAKING PROGRAMS
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:

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 21-26663-01

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

Christopher J. Cook
Abonmarche
95 W. Main Street
Benton Harbor, MI 49022

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Abonmarche
95 W. Main Street
Benton Harbor, MI 49022

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Christopher J. Cook

BUSINESS TELEPHONE NUMBER	BUSINESS CELLULAR TELEPHONE NUMBER
(269) 927-2295	

BUSINESS EMAIL ADDRESS

cjcook@abonmarche.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. maiximum 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: Renewal

AMOUNT ENCLOSED: $ 0.00

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, 37, 39, AND 40, AND THAT ALL INFORMATION CONTANED 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 C RIMINAL 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	SIGNATURE	DATE
Christopher J. Cook CEO/RSO		11-9-15

FOR NRC USE ONLY

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

NRC FORM 313 (10-2015)

RECEIVED NOV 17 2015

UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 1, 2015

ATTN: Radiation Safety Officer
Abonmarche Consultants, Inc.
P.O. Box 1088
95 W. Main Street
Benton Harbor, MI 49023

License Number: 21-26663-01
Docket Number: 030-33895

SUBJECT: NOTICE OF LICENSE EXPIRATION

Your U.S. Nuclear Regulatory Commission license will expire within the next 2 months. If you wish to continue your licensed program, you should prepare and submit a renewal application on NRC Form 313 (enclosed), following regulations in 10 CFR and licensing guidance NUREG 1556, "Consolidated Guidance About Materials Licenses."

You must submit an application for the renewal of your license at least 30 days before the expiration date on the license.

If you do not wish to renew your license, you must dispose of or transfer all licensed radioactive material in your possession in accordance with 10 CFR 30, 40 and 70. Then complete the enclosed Form NRC-314, "A Certificate of Disposition of Materials" and return it before the expiration date of your license, with a request that your license be terminated. If you have already applied for timely renewal of your materials license, please disregard this letter."

Sincerely,

/RA/

Materials Safety Licensing Branch
Division of Material Safety, States, Tribal
and Rulemaking Programs
Office of Nuclear Material Safety
and Safeguards

Enclosures:
1. Form NRC 313
2. Form NRC 314

ITEMS 5 AND 6: MATERIALS TO BE POSSESSED AND PROPOSED USES

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
X		Cesium-137	Sealed source manufacturer or distributor and model number: Troxler Electronic Laboratories, Inc. Drawing No. A-102112 Device manufacturer or distributor and model number: Troxler Electronic Laboratories, Inc. Model# 3040	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes ☒ Specific description of the gauge use: Density and moisture Testing	☒ Not applicable ❒ Uses are: (Submit safety analysis supporting safe use)
X		Americium-241	Sealed source manufacturer or distributor and model number: Troxler Electronic Laboratories, Inc. Drawing No. A-102451 Device manufacturer or distributor and model number: Troxler Electronic Laboratories, Inc. Model# 3040	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes ☒ Specific description of the gauge use: Density and moisture Testing	☒ Not applicable ❒ Uses are: (Submit safety analysis supporting safe use)

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
X		Californium-252	Sealed source manufacturer or distributor and model number: Troxler Electronic Laboratories, Inc. Drawing No. A-102112 Device manufacturer or distributor and model number: Troxler Electronic Laboratories, Inc. Model# 3040	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes ☒ Specific description of the gauge use: Density and moisture Testing	☒ Not applicable ❒ Uses are: (Submit safety analysis supporting safe use)
		Other Isotope (Specify):	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes ❒ Specific description of the gauge use:	❒ Not applicable ❒ Uses are: (Submit safety analysis supporting safe use)
		Financial Assurance Required and Evidence of Financial Assurance Provided				

ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
7. **INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER** Name: **Christopher Cook**	Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience – Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	☒	☐
8. **TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS**	Before using licensed materials, authorized users will have successfully completed one of the training course described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.	☒	☐
9. **FACILITIES AND EQUIPMENT**	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."	**Separate Item 9 Response Need Not Be Submitted With Application**	
10. **RADIATION SAFETY PROGRAM – AUDIT PROGRAM**	The applicant is *not* required to, and should not, submit its audit program to NRC for review during the licensing phase.	**Need Not Be Submitted With Application**	
10. **RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES**	The applicant is *not* required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.	**Need Not Be Submitted With Application**	
10. **RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS**	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, Rev. 1, dated November 2001.	☒	☐

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM – MATERIAL RECEIPT AND ACCOUNTABILITY	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.	☒	☐
10. RADIATION SAFETY PROGRAM – OCCUPATIONAL DOSIMETRY	Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.	☒	☐
10. RADIATION SAFETY PROGRAM – PUBLIC DOSE	The applicant is *not* required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.	**Need Not Be Submitted With Application**	
10. RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES	We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site. **OR** Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	☒ ☐	☐
10. RADIATION SAFETY PROGRAM – LEAK TEST	Leak tests will be performed at intervals approved by NRC or an Agreement Sate 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 for 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.	☒	☐ **The information in Appendix J supporting a request to perform leak testing and sample analysis is attached.**

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM – MAINTENANCE	*Routine Cleaning and Lubrication* We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions. *Non-Routine Maintenance* We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.	☒ ☒	☐ ☐ **The information listed in Appendix G supporting a request to perform non-routine maintenance in-house is attached.**
10.RADIATION SAFETY PROGRAM – TRANSPORTATION	The applicant is *not* required to submit its response to transportation during the licensing process. However, this issue will be reviewed during inspection.	**Need Not Be Submitted With Application**	
11. WASTE MANAGEMENT – GAUGE DISPOSAL AND TRANSFER	The applicant is *not* required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.	**Need Not Be Submitted With Application**	

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Landscape Architecture

LETTER OF TRANSMITTAL

TO: Materials Licensing Branch
U.S. Nuclear Regulatory Commission,
Region III
2443 Warrenville Rd., Suite 210
Lisle, IL 60532-4352

ATTN:

DATE: November 11, 2015 JOB NO.:

RE: Renewal Application for Materials Licensing

WE ARE SENDING YOU: ☐ Contract / Agreement ☐ Prints / Plans ☐ Shop Drawings
☐ Change Order ☐ Specifications ☒ Renewal Application

COPIES	DATE	DESCRIPTION
1	11-9-15	Renewal Application for Materials Licensing

THESE ARE TRANSMITTED as checked below:

☐ For Review & Comment ☒ For Your Use ☐ As Requested
☐ Approved as Submitted ☐ Approved as Noted ☐ Returned for Corrections
☐ For Bids Due:

REMARKS:

COPY TO:

SIGNED:
Jason W. Marquardt, PE
Senior Project Engineer

P:\Engineer\Engineering 2015\JWM\2015-11-11 LOT for NRC Renewal App..docx

If enclosures are not as noted, kindly notify us at once.

95 West Main Street
Benton Harbor, MI 49022
269.927.2295

750 Lincoln Way East
South Bend, IN 46601
574.232.8700

361 First Street
Manistee, MI 49660
269.637.1293

3177 Willowcreek Road
Portage, IN 46368
219.850.4624

503 Quaker Street
South Haven, MI 49090
269.637.1293

413 Teal Road Suite B
Lafayette, IN 47905
765.607.4474

318 South Shore Drive
Battle Creek, MI 49014
269.753.0088

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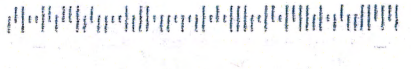
P.O. Box 1088
Benton Harbor, MI 49023

Material Licensing Branch
U.S. Nuclear Regulatory
Commission, Region III
2443 Warrenville Rd., Suite 210
Lisle, IL 60532-4352

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