



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 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

03031728

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

37-28531-01

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

Br. 2

REC'D 10202-5 AM 07/12

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

37-28531-01

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

Jeff Zell Consultants, Inc.
1031 4th Avenue
Coraopolis, PA 15108

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

3401 Market Street
Wheeling, West Virginia 26003
Temporary job sites where the NRC maintains jurisdiction

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

John Sakson

BUSINESS TELEPHONE NUMBER

412-262-2022

BUSINESS CELLULAR TELEPHONE NUMBER

412-292-9819

BUSINESS EMAIL ADDRESS

jsakson@jeffzell.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 AMOUNT ENCLOSED \$

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

JEFF ZELL, PRESIDENT

SIGNATURE

DATE

1/28/16

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		REC'D IN LAT 2-2-16
APPROVED BY				DATE	

**APPLICATION FOR RADIOACTIVE MATERIAL LICENSE
FOR THE POSSESSION AND USE OF BYPRODUCT MATERIAL**

ITEM 5: Radioactive Material

	Element and Mass Number	Chemical and/or Physical Form	Maximum amount that Will be possessed at any one time
Troxler Model No. 3430 and 3440 portable gauging devices	Cesium 137	Sealed Sources (Troxler Dwg. A-102112)	9 millicuries per source, not to exceed 117 millicuries total
	Americium 241:Be	Sealed neutron sources (Troxler Dwg. No. A-102451 or C106580)	44 millicuries per source, not to exceed 572 millicuries total
Humboldt Model No. 5001 portable gauging devices	Cesium 137	Sealed Sources (Humboldt Dwg. No. 2200064-1)	11 millicuries per source, not to exceed 88 millicuries total
	Americium 241:Be	Sealed neutron sources (Humboldt Dwg. No. 2200067-1)	44 millicuries per source, not to exceed 352 millicuries total

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ITEM 6: Purpose(s) for which licensed material will be used

Gauges will be used for the purposes listed on the SSD Registration Sheets.

Gauges will be used to measure physical properties of materials.

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**ITEM 7: Individual(s) responsible for Radiation Safety Program, their training
experience, and e-mail address(es)**

Radiation Safety Officer: John Sakson
e-mail address: jsakson@jeffzell.com

Training

March 16, 2011

24- Hour Radiation Safety officer Training Course and Instruction as required by NUREG-1556
Volume 1 and 49 CFR 172, Subpart H
Presented By:
Applied Health Physics, Inc.

March 24, 2014

8- Hour Radiation Safety officer Refresher Training Course
Presented by: Applied Health Physics, Inc.

Experience

Radiation Safety Officer - Jeff Zell Consultants March 2011 - Present

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ITEM 8: Training for Individuals Working in or Frequenting Restricted Areas

Before using licensed materials, authorized users will have successfully completed one of the training courses described in the "Criteria" part of section titled " Training for Individuals Working in or Frequenting Restricted Areas" in NUREG 1556 Vol. 1, Rev. 2.

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ITEM 10: Radiation Safety Program

Radiation Safety Program - Survey Instruments

We will possess and use a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program - Instruments" in the NUREG-1556, Vol. 1 Rev. 1, dated November 2001

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

Radiation Safety Program - Program Occupational Dosimetry

Either we will maintain, for inspection by the PA DEP/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.

Radiation Safety Program - Operating and Emergency Procedures

Operating, emergency, and security procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program - Operating, Emergency, and Security Procedures" in NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance about Materials Licenses: Program-Specific Guidance about Portable Gauge Licenses."

Radiation Safety Program - Leak Tests

Leak tests will be performed at intervals approved by NRC or 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 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

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.

This is to acknowledge the receipt of your letter application dated

1-28-16, and to inform you that the initial processing which includes an administrative review has been performed.

Renewal: 37-28531-01
There were no administrative omissions. Your application was assigned to a technical reviewer. Please note that the technical review may identify additional omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned Mail Control Number 590190.
When calling to inquire about this action, please refer to this control number.
You may call us on (610) 337-5398, or 337-5260.

NRC FORM 532 (RI)
(6-96)

Sincerely,
Licensing Assistance Team Leader