

License: 830-2927601
 Docket: 030-37577

NRC FORM 313 (10-2017) 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 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 Information Services Branch (1-2 F43), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by 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.
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INSTRUCTIONS: SEE THE CURRENT VOLUMES OF THE NUREG-1556 TECHNICAL REPORT SERIES ("CONSOLIDATED GUIDANCE ABOUT MATERIALS LICENSES") FOR DETAILED INSTRUCTIONS FOR COMPLETING THIS FORM: <http://www.nrc.gov/reading-rm/doc-collections/nuregs/staff/sr1556/>. SEND TWO COPIES OF THE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.

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 IF YOU ARE LOCATED IN: 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
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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) <input type="checkbox"/> A. NEW LICENSE <input type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER _____ <input checked="" type="checkbox"/> C. RENEWAL OF LICENSE NUMBER <u>30-29276-01</u>	2. NAME AND MAILING ADDRESS OF APPLICANT (Include zip code) Christopher Perea, PE Wilson & Company, Inc., Engineers & Architects 4401 Masthead St. NE, Suite 150 Albuquerque, NM 87109
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3. ADDRESS WHERE LICENSED MATERIALS WILL BE USED OR POSSESSED Wilson & Company, Inc., Engineers & Architects 4401 Masthead St. NE, Suite 150 Albuquerque, NM 87109	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION Chris Perea, RSO <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"> BUSINESS TELEPHONE NUMBER (505) 348-4800 </td> <td style="width: 50%;"> BUSINESS CELLULAR TELEPHONE NUMBER (505) 400-0507 </td> </tr> <tr> <td colspan="2"> BUSINESS E-MAIL ADDRESS christopher.perea@wilsonco.com </td> </tr> </table>	BUSINESS TELEPHONE NUMBER (505) 348-4800	BUSINESS CELLULAR TELEPHONE NUMBER (505) 400-0507	BUSINESS E-MAIL ADDRESS christopher.perea@wilsonco.com	
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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. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.	8. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE.				
9. RADIATION SAFETY PROGRAM.	10. FACILITIES AND EQUIPMENT.				
11. LICENSE FEES (Fees required only for new applications, with few exceptions*) (See 10 CFR 170 and Section 170.31) *Amendments/Renewals that increase the scope of the existing license to a new or higher fee category will require a fee.	<table border="1" style="width:100%; border-collapse: collapse;"> <tr> <td style="width: 60%;">FEE CATEGORY</td> <td style="width: 20%;">AMOUNT ENCLOSED \$</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	FEE CATEGORY	AMOUNT ENCLOSED \$		
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PER THE DEBT COLLECTION IMPROVEMENT ACT OF 1996 (PUBLIC LAW 104-134), YOU ARE REQUIRED TO PROVIDE YOUR TAXPAYER IDENTIFICATION NUMBER. PROVIDE THIS INFORMATION BY COMPLETING NRC FORM 531: <https://www.nrc.gov/reading-rm/doc-collections/forms/nrc531info.html>

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 Christopher A. Perea, PE, RSO	SIGNATURE PUBLIC <input type="checkbox"/> Immediate Release <input checked="" type="checkbox"/> Normal Release	DATE 3/27/18
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FOR NRC USE ONLY					
TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENT
			\$		NON-PUBLIC <input type="checkbox"/> A.3 Sensitive-Security Related <input type="checkbox"/> A.7 Sensitive Internal <input type="checkbox"/> Other: _____
APPROVED BY				DATE	

NRC FORM 313 (10-2017)

Reviewer: JPC Date: 3/28/18

1801446



**WILSON
& COMPANY**

4401 Masthead Street NE Suite 150,
Albuquerque, NM 87109
505-348-4000 phone
505-348-4055 fax

02/07/2018

Ms. Jacqueline Cook, senior Health Physicist
Nuclear Materials Licensing Branch
US Nuclear Regulatory Commission, Region IV
1600 E. Lamar Blvd
Arlington, Texas 76011-4511

Re: Nuclear Materials License 30-29276-01

Dear Ms. Hill;

Wilson & Company's Radioactive Materials License is due to expire on 30 November 2017. We are requesting that our license be renewed by the US Nuclear Regulatory Commission for the continued use of our Seaman Nuclear Corporation Series C-75 (2 gauges), C-75-BP (2 gauges) and C-200 gauges (2 gauges) and Troxler Electronic Laboratories Nuclear Moisture/Density gauges Models 3430 (1 gauge) and 3440 (2 gauges).

The NRC313 form requests the following information:

1. Application:

Application is for renewal of license number **30-29276-01**.

2. License Name and Mailing Address of the applicant:

Chris Perea, PE, RSO
Wilson & Company, Engineers and Architects.
4401 Masthead St NE, Suite 150
Albuquerque, NM 87109
Fax #: 505-348-4072
christopher.perea@wilsonco.com

3. Address where licensed material will be used or possessed:

4401 Masthead St NE, Albuquerque, NM 87109 (main storage) and temporary job sites throughout New Mexico not under exclusive Federal jurisdiction.

4. Daniel S. Aguirre, Owner

Wilson & Company, Engineers and Architects.
4401 Masthead St NE, Suite 150
Albuquerque, NM 87109
Fax #: 505-348-4072
daniel.aguirre@wilsonco.com

5. Radioactive Materials Requested:

- A. Element and Mass number.
 - 1. Radium 226/Beryllium.
 - 2. Cesium 137.
Americium 241/Beryllium.
 - 3. Cesium 137.
Americium 241/ Beryllium.

- B. Form
 - 1. Sealed source (Radium Chemical Company Drawing 21.94 or Model RAN-W25).
 - 2. Sealed source (Troxler Drawings A-102112 and A-102451).
 - 3. Sealed source (AEA: CDC.804, CDC.805, AMN.6002, AMN.Q1954; NSS: AN-HPG, AM-HP, GT-GHP, Seaman Nut. Drawing No.450-000).

- C. Maximum Amount (Radioactive Materials) to be possessed at any one time.
 - 1. Three sources not to exceed 4.5 millicuries each. Not to exceed total of 13.5 millicuries.
 - 2. Three combination sources not to exceed 9.0 millicuries Cs 137 each and 44 millicuries Am 241/Be each. Not to exceed total of 27 millicuries for Cs 137 and 132 millicuries for Am 241/Be.
 - 3. Three combination sources not to exceed 8.0 millicuries Cs 137 each and 40 millicuries Am 241/Be each. Not to exceed total of 24 millicuries for Cs 137 and 120 millicuries for Am 241/Be

6. Purpose(s) for which Licensed Material will be used:

The Seaman Series C-75 and C-200 and Troxler Model 3400 Nuclear Moisture/Density gauges will be used by trained and certified inspectors to measure the moisture and density of construction materials on various Wilson & Company projects.

7. Individual(s) responsible for the Radiation Safety Program and their Training Experience:

- a. Chris Perea, P.E., RSO, ABQ Operations Manager
- b. William Ledford, Resident Project Observer, RSO (primary point of contact)
- c. Ubaldo Franco, Resident Project Observer, RSO.

8. Training for individuals working or frequenting restricted areas:

- a. Chris Perea, P.E. ABQ Operation Manager, RSO
RSO, Hazmat Training & Certification – Troxler Electronic Labs
- b. William Ledford, Resident Project Observer, RSO.
Radiation Safety, Nuclear Densometer – ACNM/TTCP# 226982
RSO Training & Certification – Troxler Electronic Labs
- c. Ubaldo Franco, Resident Project Observer, RSO.
Radiation Safety, Nuclear Densometer – ACNM/TTCP# 222911
RSO, Hazmat Training & Certification – Troxler Electronic Labs

9. Facilities and Equipment:

- a. The storage facilities and equipment have changed. Please update your records to reflect the physical change of address.

The previous address where the materials were stored or possessed was:

4900 Lang Ave NE, Albuquerque, NM 87109

The new address is:

4401 Masthead Ave, Suite 150, Albuquerque, NM 87109.

The materials are primarily stored onsite in a specially designed 8' x 8' storage room with lead lined sheetrock installed. The single storage entry door is 7' tall, with lead-lining, storage will have limited entry by authorized users only. The area affected will have Area radiation monitoring badges posted.

The badges are provided by and are tested periodically by Landauer.

10. Radiation Safety Program: Audit Program; Radiation Monitoring Instruments; Material Receipt and Accountability; Occupational Dose; Operating, Emergency and Security Procedures; Leak Test, Program Maintenance.

- a. The Wilson & Company Radiation Safety Program has been reviewed and updated as of January 2016.
- b. We possess and use a survey meter that meets the criteria in the section titled, "Radiation Safety Program – Radiation Monitoring Instruments" in NUREG – 1556, Vol. 1, Rev. 2, "Consolidated Guidance About Portable Nuclear Gauge Licenses," in the event of an incident.
- c. Physical inventories are conducted every 6 months to account for all sealed sources and devices received and possessed under the license or at other intervals approved by the NRC.
- d. We will provide and require the use of individual monitoring devices (dosimetry). All personnel dosimeters that require processing to determine the radiation dose will be processed and evaluated by a NVLAP-approved processor.
- e. We have developed and maintain the operating, emergency and security procedures in Appendix G to NUREG-1556, Vol. 1, Rev. 2, "Consolidated Guidance About Portable Nuclear Gauge Licenses." Copies of these procedures are provided to all gauge users and are available at each jobsite.
- f. Before using licensed materials, authorized users will have successfully completed one of the training courses described in the 'Criteria' part of the section titled 'Training For Individuals Working In Or Frequenting Restricted Areas' in NUREG-1556, Vol. 1, Rev 2, dated June 2016.
- g. Leak tests are performed at intervals approved by the NRC and the State of New Mexico by using a leak test sample kit supplied by an organization licensed by the NRC and the State of New Mexico to provide leak tests and/or analysis services to other licensees and according to the kit suppliers' instructions. Records of the leak test results are maintained.
- h. We maintain procedures for the routine maintenance of our gauges according to the manufacturer's written recommendations and instructions.
- i. We will develop, implement and maintain procedures for ensuring accountability of licensed materials at all times.
- j. For non-routine maintenance, "The gauge manufacturer or other person licensed by the NRC or an Agreement State will perform non-routine maintenance or repair operations that require detaching the source or source rod from the gauge."



12. Annual Fees:

- a. Please invoice Wilson & Company for any annual license fees.

Official Affidavit:

I affirm that Christopher Perea is the authorized Radiation Safety Officer for Wilson & Company, Inc. Architects and Engineers.



Signed by Daniel Aguirre, P.E., Senior V.P., Board of Directors

02/07/18

Date



Signed by Chris Perea, P.E., Associate V.P., Albuquerque Operations Manager, RSO

2/7/18

Date

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