



Dr: 29-30279-01
03034072

U.S. Nuclear Regulatory Commission
Region I, 2100 Renaissance Blvd. Suite 100
King of Prussia, PA 19406-2713

RE: Change of RSO

To who it may concern:

Due to the retirement of Waldon White it is necessary to change the RSO for Richard E. Pierson Construction Co. Inc. The new RSO will be Paul Russell. Please forward any documents or forms that will initiate this turnover. Please send all correspondence to:

Richard E. Pierson Const. Co. Inc.
Attn: Paul Russell
P.O. Box 430
Woodstown, NJ 08098

Sincerely,

Paul Russell
Paul Russell
Safety Manager
Richard E. Pierson Construction Co., Inc.

Cell: 609-743-1283
Main Office: 856-769-8244
Fax: 856 769-5639
E-mail: prussell@repierson.com

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609580
PIERSON MATERIALS CO

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-438), and Title 10, Code of Federal Regulations, Chapter I, Parts 30, 31, 32, 33, 34, 35, 36, 39, 40, and 70, and in reliance on statements and representations heretofore made by the licensee, a license is hereby issued authorizing the licensee to receive, acquire, possess, and transfer byproduct, source, and special nuclear material designated below; to use such material for the purpose(s) and at the place(s) designated below; to deliver or transfer such material to persons authorized to receive it in accordance with the regulations of the applicable Part(s). This license shall be deemed to contain the conditions specified in Section 183 of the Atomic Energy Act of 1954, as amended, and is subject to all applicable rules, regulations, and orders of the Nuclear Regulatory Commission now or hereafter in effect and to any conditions specified below.

<p style="text-align: center;">Licensee</p> <p>1. Richard E. Pierson Construction Company, Inc.</p> <p>2. P.O. Box 430 Woodstown, New Jersey 08098-0430</p>	<p>In accordance with the letter dated June 1, 2011,</p> <p>3. License number 29-30279-01 is amended in its entirety to read as follows:</p> <hr/> <p>4. Expiration date June 30, 2021</p> <hr/> <p>5. Docket No. 030-34072 Reference No.</p>
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<p>6. Byproduct, source, and/or special nuclear material</p> <p>A. Cesium 137</p> <p>B. Americium 241</p>	<p>7. Chemical and/or physical form</p> <p>A. Sealed Sources (QSA Global Model CDCW.556; Isotope Products Laboratories Models HEG-137, HEG-137-8M; HSI Dwg, 2200064)</p> <p>B. Sealed Sources (QSA Global Model AMNV.997; Isotope Products Laboratories Models Am1.NO2, 3021, 3027; HSI Dwg, 2200067)</p>	<p>8. Maximum amount that licensee may possess at any one time under this license</p> <p>A. 38 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p> <p>B. 132 millicuries total and no single source to exceed the maximum activity specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission or an Agreement State</p>
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9. Authorized use:

A. and B. In Troxler Electronic Laboratories, Inc., Model Nos. 4640B and 3400Series: Humboldt Scientific, Inc. Model 5001 portable gauging devices for measuring physical properties of materials.

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**License Number
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Amendment No. 11

CONDITIONS

10. Licensed material may be used at temporary job sites of the licensee anywhere in the United States where the U.S. Nuclear Regulatory Commission maintains jurisdiction for regulating the use of licensed material, including areas of exclusive Federal jurisdiction within Agreement States.
- If the jurisdiction status of a Federal facility within an Agreement State is unknown, the licensee should contact the Federal agency controlling the job site in question to determine whether the proposed job site is an area of exclusive Federal jurisdiction. Authorization for use of radioactive materials at job sites in Agreement States not under exclusive Federal jurisdiction shall be obtained from the appropriate state regulatory agency.
11. Licensed material shall be used by, or under the supervision of, individuals who have received the training described in the application dated June 6, 2011, and have been designated, in writing, by the Radiation Safety Officer. The licensee shall maintain records of individuals designated as users for 3 years following the last use of licensed material by the individual.
12. The Radiation Safety Officer for this license is Waldon White.
13. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized.
14. A. Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed six months or at the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State.
- B. In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or under equivalent regulations of an Agreement State, prior to the transfer, a sealed source received from another person shall not be put into use until tested and the test results received.
- C. Sealed sources need not be tested if they are in storage and are not being used; however, when they are removed from storage for use or transferred to another person and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination.

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- D. The leak test shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the U.S. Nuclear Regulatory Commission in accordance with 10 CFR 30.50(c)(2), and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Commission regulations.
- E. Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
- F. Records of leak test results shall be kept in units of microcuries and shall be maintained for 5 years.
15. The licensee shall conduct a physical inventory every six months, or at other intervals approved by the U.S. Nuclear Regulatory Commission, to account for all sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include the radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory.
16. Each portable nuclear gauge shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport or storage, or when not under the direct surveillance of an authorized user.
17. Any cleaning, maintenance, or repair of the gauges that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
18. The licensee is authorized to transport licensed material in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."

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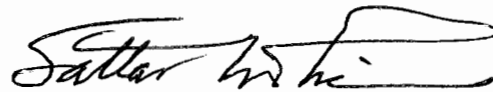
19. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern unless the statements, representations, and procedures in the licensee's application and correspondence are more restrictive than the regulations.

A. Application dated June 6, 2011 (ML111580052)

For the U.S. Nuclear Regulatory Commission

Date June 8, 2011

By



Sattar Lodhi, Ph.D.
Materials Security and Industrial Branch
Division of Nuclear Materials Safety
Region I
King of Prussia, Pennsylvania 19406

Wednesday, June 8, 2011 08:03:55

SECTION A – Materials, Form, Limits, Uses & Users

Material	Form	Max Limit	Authorized Uses	Authorized Users
Americium-241/Be	Sealed Source	132 millicuries	Non-Human Use - Sealed source(s) contained within a compatible device/gauge listed in section C of this license document.	See condition 3
Cesium-137	Sealed Source	38 millicuries		

SECTION B – Authorized Locations

Site ID	Site Name	Street Address	Location Description
455011	RE PIERSON CONSTRUCTION CO INC	860 OAK GROVE RD BRIDGEPORT, NJ 08014	Storage, Possession, Use
N/A	TEMPORARY JOB SITES	Temporary job sites wherever New Jersey retains regulatory authority	Possession & Use only. No Storage

SECTION C – Inventory of sources and devices

Item	Device Type	Device Mfg	Device Model #	Device Serial #	Description
1	Portable Moisture Density Gauge	Troxler Electronic Labs, Inc.	3430	23849	Cs-137 not to exceed 9 mCi- AEA Technology/QSA, Inc. Model No. CDCW556 or Isotope Product Laboratories Model # HEG-137 Am-241/Be not to exceed 44 mCi- AEA Technology/QSA, Inc. Model # AMNV.997 or Isotope Product Laboratories Model # Am1. NO2, 3021 or 3027
2	Portable Moisture Density Gauge	Troxler Electronic Labs, Inc.	4640	1712	Cs-137 not to exceed 9 mCi- AEA Technology/QSA, Inc. Model No. CDCW556 or Isotope Product Laboratories Model # HEG-137
3	Portable Moisture Density Gauge	Humboldt Scientific, Inc.	5001	2296	Cs-137 not to exceed 11 mCi- AEA Technology/QSA, Inc. Model No. CDC.805 or Isotope Product Laboratories Model HEG-137 Am-241:Be not to exceed 44 mCi- AEA Technology/QSA, Inc. Model No. AMN.V997 or Isotope Product Laboratories Model Am1.N02
4	Portable Moisture Density Gauge	Troxler Electronic Labs, Inc.	3440	17645	Cs-137 not to exceed 9 mCi- AEA Technology/QSA, Inc. Model No. CDCW556 or Isotope Product Laboratories Model # HEG-137 Am-241/Be not to exceed 44 mCi- AEA Technology/QSA, Inc. Model # AMNV.997 or Isotope Product Laboratories Model # Am1. NO2, 3021 or 3027

SECTION D – Supporting Documents

Doc Type	Title/Description	Date	Contact Name (signature)
Radioactive Material License Application	NJ Application	12/23/2011	Waldon White Sr.
Electronic Mail (email)	Application Supplement	1/30/2012	Thereasa Rathof

SECTION E – License Conditions (Requirements Report attached)

RICHARD E PIERSON CONSTRUCTION CO INC
507112 RAD120002 RAD Materials License -Amended License
Requirements Report

Subject Item: PI 507112 -

1. This licensee must confine their use of radioactive materials to the materials, physical forms, maximum possession limits, authorized uses and authorized users listed in section A of this license document. Licensed material shall only be used at the locations and/or within devices specified in sections B and C of this license document. [N.J.A.C. 7:28-51.1]
2. The Radiation Safety Officer (RSO) specified in the Administrative Information section of this license document shall be responsible for ensuring that all individuals using the sealed source(s)/device(s) specified in this license are properly trained in the safe use and handling of the sealed source(s)/material(s). [N.J.A.C. 7:28-51.1]
3. Licensed material shall only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in the correspondences specified in section D of this license document. [N.J.A.C. 7:28-51.1]
4. Compliance with New Jersey and Federal agencies having jurisdiction and regulations for radioactive materials must be maintained. [N.J.A.C. 7:28-51.1]
5. (A) Sealed sources shall be tested for leakage and/or contamination at intervals not to exceed the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State. (B) Notwithstanding Paragraph A of this Condition, sealed sources designed to primarily emit alpha particles shall be tested for leakage and/or contamination at intervals not to exceed 3 months. (C) In the absence of a certificate from a transferor indicating that a leak test has been made within the intervals specified in the certificate of registration issued by the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State prior to the transfer, a sealed source or detector cell received from another person shall not be put into use until tested. (D) Sealed sources need not be tested if they contain only hydrogen-3; or they contain only a radioactive gas; or the half-life of the isotope is 30 days or less; or they contain not more than 100 microcuries of beta- and/or gamma-emitting material or not more than 10 microcuries of alpha-emitting material. (E) Sealed sources need not be tested if they are in storage and are not being used. However, when they are removed from storage for use or transferred to another person, and have not been tested within the required leak test interval, they shall be tested before use or transfer. No sealed source shall be stored for a period of more than 10 years without being tested for leakage and/or contamination. [N.J.A.C. 7:28-51.1]
6. (A) Sealed source leak tests shall be capable of detecting the presence of 0.005 microcurie (185 becquerels) of radioactive material on the test sample. If the test reveals the presence of 0.005 microcurie (185 becquerels) or more of removable contamination, a report shall be filed with the Department in accordance with N.J.A.C. 7:28-51.1 (10 CFR 30.50(c)(2)) and the source shall be removed immediately from service and decontaminated, repaired, or disposed of in accordance with Department regulations. (B) Tests for leakage and/or contamination, limited to leak test sample collection, shall be performed by the licensee or by other persons specifically licensed by the Department, the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. The licensee is not authorized to perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Department, the NRC or an Agreement State to perform such services. (C) Records of leak test results shall be kept in units of microcuries and shall be maintained for 3 years. [N.J.A.C. 7:28-51.1]
7. Sealed sources or source rods containing licensed material shall not be opened or sources removed or detached from source rods or gauges by the licensee, except as specifically authorized. [N.J.A.C. 7:28-51.1]

RICHARD E PIERSON CONSTRUCTION CO INC
507112 RAD120002 RAD Materials License -Amended License
Requirements Report

Subject Item: PI 507112 -

8. The licensee shall conduct a physical inventory every six months, or at other interval approved by the Department, to account for all sealed sources and/or devices received and possessed under the license. Records of inventories shall be maintained for 5 years from the date of each inventory and shall include radionuclides, quantities, manufacturer's name and model numbers, and the date of the inventory. [N.J.A.C. 7:28-51.1]
9. Each portable device shall have a lock or outer locked container designed to prevent unauthorized or accidental removal of the sealed source from its shielded position. The gauge or its container must be locked when in transport, storage or when not under the direct surveillance of an authorized user. [N.J.A.C. 7:28-51.1]
10. Any cleaning, maintenance, or repair of the gauge(s) that requires detaching the source or source rod from the gauge shall be performed only by the manufacturer or by other persons specifically licensed by the Department, the NRC or an Agreement State to perform such services. [N.J.A.C. 7:28-51.1]
11. (A) If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use a surface casing that extends from the lowest depth to 12 inches above the surface and other appropriate procedures to reduce the probability of the source or probe becoming lodged below the surface. If it is not feasible to extend the casing 12 inches above the surface, the licensee shall implement procedures to ensure that the cased hole is free of obstruction before making measurements.
(B) If a sealed source or a probe containing sealed sources becomes lodged below the surface and it becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the Department and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Department's prior written consent. [N.J.A.C. 7:28-51.1]
12. The device(s)/sealed source(s) specified in this license shall be stored and transported in a manner to ensure against unauthorized handling, possession or removal of radioactive materials. The device(s)/source(s) shall be stored and transported in a manner optimizing the distance between the device and personnel. The licensee is authorized to transport licensed material only in accordance with the provisions of N.J.A.C. 7:28-61.1 (10 CFR Part 71), Packaging and Transportation of Radioactive Material. [N.J.A.C. 7:28-51.1]
13. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, specified in section D of this license document. [N.J.A.C. 7:28-51.1]



ACKNOWLEDGEMENT - RECEIPT OF CORRESPONDENCE

Name and Address of Applicant and/or Licensee Richard E. Pierson Construction Company, Inc. ATTN: Denise Rathof, HR Manager P. O. Box 430 Woodstown, NJ 08098-0430	Date August 9, 2018
	License Number(s) 29-30279-01
	Mail Control Number(s) 609580
	Licensing and/or Technical Reviewer or Branch Commercial, Industrial, R&D, & Academic Branch

This is to acknowledge receipt of your: Letter and/or Application Dated: _____

The initial processing, which included an administrative review, has been performed.
 Amendment Termination New License Renewal

There were no administrative omissions identified during our initial review.

This is to acknowledge receipt of your application for renewal of the material(s) license identified above. Your application is deemed timely filed, and accordingly, the license will not expire until final action has been taken by this office.

Your application for a new NRC license did not include your taxpayer identification number. Please complete and submit NRC Form 531, Request for Taxpayer Identification Number, located at the following link: <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>
Follow the instructions on the form for submission.

The following administrative omissions have been identified:
The letter is not dated.

Your application has been assigned the above listed MAIL CONTROL NUMBER. When calling to inquire about this action, please refer to this control number. Your application has been forwarded to a technical reviewer. Please note that the technical review, which is normally completed within 180 days for a renewal application (90 days for all other requests), may identify additional omissions or require additional information. If you have any questions concerning the processing of your application, our contact information is listed below:

Region I
U. S. Nuclear Regulatory Commission
Division of Nuclear Materials Safety
2100 Renaissance Boulevard, Suite 100
King of Prussia, PA 19406-2713
(610) 337-5260, (610) 337-5313,
(610) 337-5398, or (610) 337-5239