



*Alaska RoadBuilders, Inc.*  
44482 Frontier Ave.  
Soldotna, AK 99669  
Phone (907) 262-9140 Fax (907) 262-1213

April 15, 2015

National Regulatory Commission  
Region IV  
Arlington, Texas

RECEIVED  
APR 16 2015  
DNMS

Attention: Michelle M. Hammond  
Subject: Notice of New Ownership  
License Change

Ms. Hammond,

Alaska Roadbuilders, Inc. has recently been purchased by Knik Construction Co., Inc. (Knik). Knik currently holds a materials license issued by the NRC. All of Alaska Roadbuilders gauges will now fall under Knik's license and inventory.

Attached to this letter is Appendix F with relevant information. Please let us know if further action is required.

Thank you,

A handwritten signature in black ink, appearing to read "Charles Davis".

Charles Davis  
Vice President  
Alaska RoadBuilders Inc.

**PUBLIC**

- ☒ Immediate Release  
☐ Normal Release

**NON-PUBLIC**

- ☐ A.3 Sensitive-Security Related  
☐ A.7 Sensitive Internal  
☐ Other: \_\_\_\_\_

Reviewer: \_\_\_\_\_

Date: 4/16/15

586575

**Troxler Electronic Laboratories, Inc.**

3008 Cornwallis Rd., P.O. Box 12057

Research Triangle Park, NC 27709

Tel: (877) 876-9537 Fax: (866) 391-2759

License: NC 032-0182-1

SCOTT JUDAH  
ALASKA ROADBUILDERS  
44482 FRONTIER AVE.  
SOLDOTNA, AK 99669

Cust ID: 7234

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**LEAK TEST CERTIFICATE**

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**DEVICE:****Model:** 3241**Serial No:** 2628**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
55-9145	10/13/1990	Am-241:Be	3.7	100

**LEAK TEST ANALYSIS:****Sample collected on:** 10/31/2014**Sample analyzed on:** 11/10/2014 11:50:26 A **Position:** 1**Analyzed by:** HEBarnes

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.24E+01	1.98E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	27
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

**This certifies that the leak test results are:**☒ **Less than 185 Bq (0.005 uCi)**☐ **Greater than 185 Bq (0.005 uCi)**

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**LEAK TEST CERTIFICATE**

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**DEVICE:****Model:** 3440**Serial No:** 37310**SEALED SOURCES:**

Serial No.	Measure Date	Nuclide	GBq	mCi
78-2111	09/22/2005	Am-241:Be	1.48	40
77-4445	01/18/2006	Cs-137	0.296	8

**LEAK TEST ANALYSIS:****Sample collected on:** 10/31/2014**Sample analyzed on:** 11/10/2014 11:51:38 A **Position:** 2**Analyzed by:** HEBarnes

	ALPHA	BETA-GAMMA
Conversion factor (cpm/Bq)	1.24E+01	1.98E+01
Background measurement (cpm)	0	24
Sample measurement (cpm)	0	23
Activity (Bq)	< MDA	< MDA
Min. Detectable Activity (Bq)	3.8E-01	1.3E+00

**This certifies that the leak test results are:**☒ **Less than 185 Bq (0.005 uCi)**☐ **Greater than 185 Bq (0.005 uCi)**

Information Required for Change of Control and/or Change of Ownership  
(Includes Change of Name)

Source: NUREG-1556, Volume 15

**Please provide the following information concerning changes of control (transferor and/or transferee, as appropriate). If any items are not applicable, state so.**

1. Provide a complete description of the transaction (i.e., transfer of stocks or assets, or merger). Indicate whether the name has changed and include the new name. Include the name and telephone number of a licensee contact who NRC may contact if more information is needed.

A. Description of the transaction:

Merging of companies

B. ☐ No name change

☒ New name of licensed organization: Knik Construction Co., Inc.

C. ☐ No change in contact

☒ New contact: Amanda Gilliland, RSO

☐ New telephone number: (907) 545-7393

2. Describe any changes in personnel or duties that relate to the licensed program. Include training and experience for new personnel.

A. ☐ No changes in personnel having control over licensed activities.

☒ Changes in personnel having control over licensed activities (e.g. officers of a corporation): New RSO - Amanda Gilliland

B. ☐ No changes in personnel named in the license.

☒ Changes in personnel named in the license (e.g. RSO, AUs) - include training, experience and responsibilities: New RSO - Amanda Gilliland

3. Describe, in detail, any changes in the organization, location, facilities, equipment or procedures that relate to the licensed program.

☐ Organization:

☐ Equipment:

☐ Location:

☐ Procedures:

☐ Facility:

☒ Not applicable

4. Describe the status of the surveillance program (i.e., surveys, wipe tests, quality control) at the present time and the expected status at the time that control is to be transferred.

A. Description of the status of all surveillance program:

All surveys, leak tests up to date

B. Surveillance Items & Records: calibrations, leak tests, surveys, inventories, and accountability requirements will be current at the time of transfer

☒ Yes      ☐ No (explain)

5. Confirm that all records concerning the safe and effective decommissioning of the facility will be transferred to the transferee or to NRC, as appropriate. These records include documentation of surveys of ambient radiation levels and fixed and/or removable contamination, including methods and sensitivity.

Records transferred to:


☒ New licensee   ☐ NRC for license termination      ☐ Not applicable

6. Confirm that the transferee will abide by all constraints, conditions, requirements and commitments of the transferor or that the transferee will submit a complete description of the proposed licensed program.

Knik Construction Co., Inc. will abide by all constraints, conditions,  
(transferee company)  
requirements and commitments of Alaska Roadbuilders  
(transferor company)

  
\_\_\_\_\_  
Signature/Title  
Transferee Official

4/14/15  
date

 vice President  
\_\_\_\_\_  
Signature/Title  
Transferor Official

4-15-15  
date

OR

☐ Description of proposed licensed program from transferee attached (with signature)

OR

☐ Not applicable (name change only)

\_\_\_\_\_  
Certifying Officer - Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Certifying Officer - Typed name and title

**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.

Licensee  1. Alaska Roadbuilders, Inc.  2. 44482 Frontier Avenue Soldotna, Alaska 99669	In accordance with letter dated July 7, 2010 3. License number 50-29223-01 is amended in Its entirety to read as follows: 4. Expiration date February 28, 2016 5. Docket No. 030-37130 Reference No.
6. Byproduct, source, and/or special nuclear material  A. Cesium-137  B. Americium-241  C. Americium-241	Chemical and/or physical form  A. Sealed sources (AEA Technology/QSA, Inc., Model CDCW556; or Isotope Products Laboratories Model HEG-137) B. Sealed neutron sources (AEA Technology/QSA, Inc., Model AMNV.997; or Isotope Products Laboratories Model AMNV.3021 or 3029) C. Sealed neutron source (Amersham Corporation, Model AMNV.339 or AMNV.340)
9. Authorized use:  A. and B.  C.	8. Maximum amount that licensee may possess at any one time under this license  A. 2 millicuries per source and 40 millicuries total. B. 40 millicuries per source and 200 millicuries total. C. 100 millicuries per source and 500 millicuries total.  To be used in Troxler Electronic Laboratories, Model 3400 Series portable gauging devices for measuring physical properties of materials.  To be used in Troxler Electronic Laboratories, Model No. 3241-C Series portable gauging devices for measuring physical properties of materials.

**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**

License Number

50-29223-01

Docket or Reference Number

030-37130

Amendment No. 01

**CONDITIONS**

10. Licensed material may be used or stored only at the licensee's facilities located at:

- A. 44482 Frontier Avenue, Soldotna, Alaska, and
- B. Temporary job sites 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 materials may be used by, or under the supervision and in the physical presence of, individuals who have received the training described in application dated January 18, 2006.
- 12. The Radiation Safety Officer (RSO) for this license is Scott O. Judah, P.E.
- 13.
  - 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 U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by an Agreement State.
  - B. In the absence of a certificate from a third party indicating that a leak test has been made within the intervals specified in the certificate of registration issued by 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 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.
  - 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. The report shall be filed within 5 days of the date the leak test result is known with the U.S. Nuclear Regulatory Commission, Region IV, 612 East Lamar Blvd., Suite 400, Arlington, Texas 76011-4125, ATTN: Director, Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.



**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
50-29223-01Docket or Reference Number  
030-37130

Amendment No. 01

- E. Tests for leakage and/or contamination shall be performed by persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services. In addition, the licensee is authorized to collect leak test samples but not perform the analysis; analysis of leak test samples must be performed by persons specifically licensed by the Commission or an Agreement State to perform such services.
- F. Records of leak tests results shall be kept in units of microcuries and shall be maintained for 3 years.
14. 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.
15. The licensee shall conduct a physical inventory every 6 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. Except for maintaining labeling as required by 10 CFR Part 20 or 74, the licensee shall obtain authorization from U.S. Nuclear Regulatory Commission before making any changes in the sealed source, device, or source-device combination that would alter the description or specifications as indicated in the respective Certificates of Registration issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
17. 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, storage or use not under the direct surveillance of an authorized user.
18. 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 other persons specifically licensed by the U.S. Nuclear Regulatory Commission or an Agreement State to perform such services.
19. A. If the licensee uses unshielded sealed sources extended more than 3 feet below the surface, the licensee shall use 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 U.S. Nuclear Regulatory Commission 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 Commission's prior written consent. Notification and reporting requirements should be made to the NRC Emergency Operations Center at 301-816-5100.



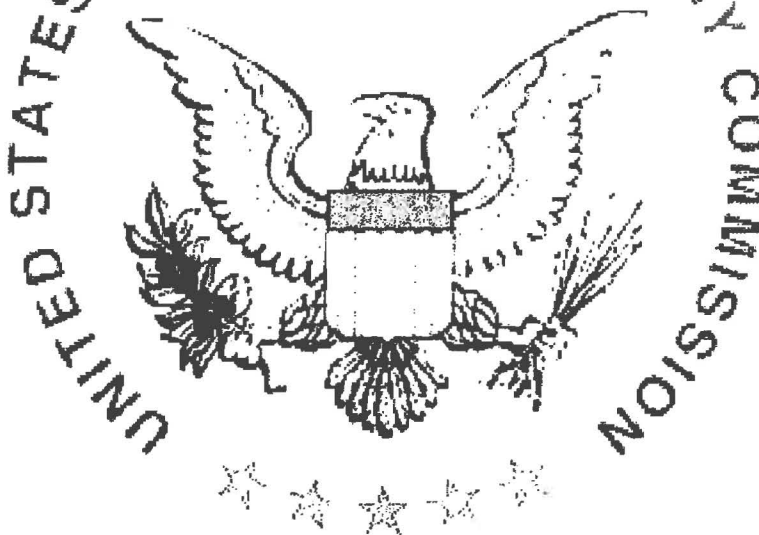
**MATERIALS LICENSE  
SUPPLEMENTARY SHEET**License Number  
50-29223-01Docket or Reference Number  
030-37130

Amendment No. 01

20. In addition to the possession limits in Item 8, the licensee shall further restrict the possession of licensed material to quantities below the minimum limit specified in 10 CFR 30.35(d), 40.36 (b) and 70.25 (d) for establishing financial assurance for decommissioning.
21. The licensee is authorized to transport licensed material only in accordance with the provisions of 10 CFR Part 71, "Packaging and Transportation of Radioactive Material."
22. 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 January 18, 2006

[ML060410317]



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date October 4, 2010

By

Lizette Roldán-Otero, Ph.D., Health Physicist  
Nuclear Materials Safety Branch B  
Region IV  
Arlington, Texas 76011-4125

No 586575



DATE

04/21/2015

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Scott C. Judah, P.E.  
Radiation Safety Officer  
Alaska Roadbuilders, Inc.  
44482 Frontier Avenue  
Soldotna, Alaska 99669

LICENSE NUMBER

50-29223-01

MAIL CONTROL NUMBER

586575

LICENSING AND/OR TECHNICAL REVIEWER

CH

This is to acknowledge the receipt of your:

☒ LETTER and/or ☒ APPLICATION DATED: 04/15/2015

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 fill out NRC Form 531, located at the following link:

<http://www.nrc.gov/reading-rm/doc-collections/forms/nrc531.pdf>

Send the completed NRC Form 531, by facsimile, to the following number: (301) 415-5387

A copy of your action has been emailed to our License Fee and Accounts Receivable Branch, in our Headquarters office in Rockville, MD. You will be contacted separately if there is a fee issue involved.

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 IV  
U. S. Nuclear Regulatory Commission  
DNMS/NMSB - B  
1600 E. Lamar Boulevard  
Arlington, TX 76011-4511  
(817) 200-1103 or (817) 200-1140

V4/21

BETWEEN:

Accounts Receivable/Payable  
and  
Regional Licensing Branches

[ FOR ARPB USE ]

INFORMATION FROM WBL

Program Code: 03121  
Status Code: Pending Termination  
Fee Category: 3P  
Exp. Date:  
Fee Comments:  
Decom Fin Assur Req'd: N

## License Fee Worksheet - License Fee Transmittal

### A. REGION

#### 1. APPLICATION ATTACHED

Applicant/Licensee: ALASKA ROADBUILDERS INC.  
Received Date: 04/16/2015  
Docket Number: 3037130  
Mail Control Number: 586575  
License Number: 50-29223-01  
Action Type: Termination

#### 2. FEE ATTACHED

Amount: \_\_\_\_\_

Check No.: \_\_\_\_\_

#### 3. COMMENTS

Signed: \_\_\_\_\_

Date: \_\_\_\_\_

### B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered / / )

1. Fee Category and Amount: \_\_\_\_\_

#### 2. Correct Fee Paid. Application may be processed for:

Amendment: \_\_\_\_\_

Renewal: \_\_\_\_\_

License: \_\_\_\_\_

3. OTHER \_\_\_\_\_

Signed: \_\_\_\_\_

Date: \_\_\_\_\_