



500 108th Ave. N.E. Ste 1740
Bellevue, WA 98004
(425) 827-3193
(425) 576-5113 FAX

P.O. Box 32159
Juneau, AK 99801
(907) 780-5145
(907) 780-5896 FAX

P.O. Box 7038
Ketchikan, AK 99901
(907) 225-6491
(907) 225-6492 FAX

December ^{11, 11:45} 2007

Nuclear Materials Licensing Branch
U.S. Nuclear Regulatory Commission, Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

RECEIVED

DEC 19 2007

DNMS

Dear Sirs

Secon Inc. is submitting this application to amend our materials license #50-29231-01 in regards to the Radiation Safety Officer designation. Rick Millward, our current designated RSO, will be terminating his employment with this company and we have named Jason Bartschi to fulfill those duties.

Please find attached Mr. Bartschis' resume and certifications.

Thank you for your attention to this matter.

A handwritten signature in black ink, appearing to read "John Logsdon".

John Logsdon
Operations Manager

Certificate of Completion



This is to certify that
Jason Bartschi
has completed a course of study in
Yearly Refresher Course - Portable Nuclear Gauge
dated
December 1, 2007
offered by
American Technical Institute

Training satisfies US DOT training requirements of 49 CFR 172 including:

- Emergency Procedures
- Methods and procedures for avoiding accidents
- Hazardous materials identification and recognition
- Self-protection measures
- Regulations applicable to job function

Certification expiration:
Yearly Refresher Training - 1 year from date listed
DOT - 3 years from date listed above


Company RSO Signature

American Technical Institute
5130 S. Ft. Apache Rd. #215-245
Las Vegas, Nevada 89148



Certificate of Completion

This is to certify that
Jason Bartschi
has completed a course of study in
Radiation Safety Officer Portable Density/Moisture Gauge Training
offered by
American Technical Institute
dated
December 1, 2007

JASON BARTSCHI

EXPERIENCE

2004 -2007 MAPPA Test Lab North Pole, AK
Lab/Field Technician

- Experienced in ASTM testing procedures for gradations, proctors, sampling and field testing.
- Certified by American Concrete Institute in field concrete testing , as well as compressive strength testing in Laboratory with hydraulic break equipment.
- Extensive background in asphalt testing including Marshall tests, theoretical maximum compaction (RICE tests), oil content (with nuclear oven),specific gravity, and basic mix design.
- Certified in nuclear testing of soils by Troxler Labs. Inc.

2005 CMT Geotechnical and Engineering Logan, UT
Field Technician/ Lab Technician

- Field tested soil density of footings, building pads, roadways, etc., with Troxler nuclear gauges.
- Concrete Testing
- Asphalt sampling

2004 Applied Geotechnical Engineering Consultants St. George, UT
Field Technician

- Testing soil density of footings, building pads, roadways, etc., with Troxler nuclear gauges.
- Concrete Testing
- Asphalt sampling

2000-2002 Red Rock Ranch Academy St. George, Utah
Wilderness Director

- Assistant Director/Field support for one year
- Hired new staff and handled Training.
- Worked directly with staff and students to solve problems
- Ordered supplies and organized warehouse.

2002-2003 Capital Regiment Drum & Bugle Corps Columbus, Ohio
Visual Instructor

- Assisted in teaching precision marching techniques
- Responsible for ten students' marching performance

EDUCATION

1994	Graduated Mountain Crest High School	Hyrum, Utah
2003	Graduated Dixie State College Associate degree Major – Psychology	St. George, Utah
2007	Graduated Utah State University Bachelors Degree Major – Parks and Recreation. Minor in Psychology	Logan, Utah

CERTIFICATIONS

2001	CPR/FA Certified Instructor	American Red Cross
2002	Wilderness First Responder Re-certified in 2007	Wilderness Medicine of Utah
2004	A.C.I. Certified	American Concrete Institute
2004	Nuclear gauge Certification	Troxler Labs Inc

REFERENCES

Brendan Mack 907-244-8007	Lab Manager - MAPPA Test Labs (Anchorage & Delta Lab)
Kit Winchester 907-590-4344	Field Supervisor – AGEC Engineering and Testing
Bart Hunter 520-668-2783	Economic Geologist/Technician



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From: "John Logsdon" <jlogsdon@colaska.com>
To: <rjt@nrc.gov>
Date: 12/17/2007 9:06:30 PM
Subject: Change in RSO

Mr. Torres,

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Thank you.

John Logsdon

John Logsdon

Operations Manager

SECON

5322 Shaune Dr.

Juneau, Alaska 99801

907-780-5145 Juneau

907-225-6491 Ketchikan

907-321-1131 Cellular



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December 17, 2007

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U.S. Nuclear Regulatory Commission, Region IV
611 Ryan Plaza Drive, Suite 400
Arlington, TX 76011-4005

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We have trained and certified personnel, including Mr. Bartschis, that can operate these gauges when work resumes.

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John Logsdon
Operations Manager

Estimated burden per response to comply with this mandatory collection request: 4.4 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 Records and FOIA/Privacy Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollects@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.

APPLICATION FOR MATERIALS LICENSE

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.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY
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
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 78011-4005

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 50-29231-01
- C. RENEWAL OF LICENSE NUMBER _____

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

Colaska
Alba Secom Southeast Alaska
P.O. Box 32159
Tuneau, Alaska 99801

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

4418 North Tongass Ave.
Ketchikan, Alaska, 99901

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

JASON BARTSCH

TELEPHONE NUMBER

(907) 225-6491

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. CHANGE RSO

11. WASTE MANAGEMENT.

12. LICENSE FEES (See 10 CFR 170 and Section 170.31)

FEE CATEGORY	AMOUNT ENCLOSED	\$
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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, 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

JOHN LOGSDON OPERATIONS MANAGER

SIGNATURE

[Handwritten Signature]

DATE

12-17-07

FOR NRC USE ONLY

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

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-435), 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 193 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. Colaska dba. Secon Southeast Alaska 2. 5322 Shaune Drive Juneau, Alaska 99801	3. License number 50-29231-01 4. Expiration date June 30, 2016 5. Docket No. D30-37206 Reference No.

6. Byproduct, source, and/or special nuclear material A. Cesium-137 B. Americium-241 C. Cesium-137 D. Americium-241	7. Chemical and/or physical form A. Sealed sources (AEA Technology/QSA, Inc. Model CDCW556 or Isotope Products Lab Model No. HEG-137) B. Sealed sources (AEA Technology/QSA, Inc. Model AMNV.997 or Isotope Products Lab Models 3021, 3027 or Am1.N02) C. Sealed sources (CPN Model CPN-131) D. Sealed sources (CPN Model CPN-131)	8. Maximum amount that licensee may possess at any one time under this license A. 24 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State B. 120 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State C. 30 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State D. 150 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State
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**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number
50-29231-01

Docket or Reference Number:
030-37206

9. Authorized use

- A. and B. For use in Troxler Model 3400 Series portable gauging devices for measuring physical properties of materials.
- C. and D. For use in CPN International Model MC Series Portaprobes portable gauging devices for measuring physical properties of materials.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facility located at 5737 Glacier Highway, Juneau, Alaska, and may also 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 only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in application dated May 5, 2006.
12. The Radiation Safety Officer (RSO) for this license is WALTON BARTSCH.
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 the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by 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 by an Agreement State prior to the transfer, a sealed source or detector not received from another person shall not be put into use until tested.
- C. Sealed sources need not be leak 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 30.50.402, and the source shall be removed.

MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense Number
50-29231-01Docket or Reference Number
030-37206

- 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, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.
- 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 test 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 sealed sources and/or devices received and possessed under the license.
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, storage, or when not under the direct surveillance of an authorized user.
17. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from the 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 Registration Certificates issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
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. 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."
20. 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 if

MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense Number
50-29231-01Docket or Reference Number
030-37206

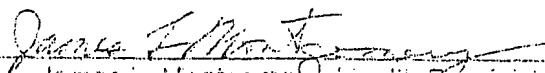
becomes apparent that efforts to recover the sealed source or probe may not be successful, the licensee shall notify the U.S. Nuclear Regulatory Commission and submit the report required by 10 CFR 30.50(b)(2) and (c). The licensee shall not abandon the sealed source or probe without obtaining the Commission's prior written consent.

21. 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 May 5, 2006

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: June 12, 2008

By: 
James L. Montgomery, Health Physicist
Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011

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Mail Envelope Properties (476738E0.AB3 : 6 : 55987)

Subject: Change in RSO
Creation Date 12/17/2007 9:04:16 PM
From: "John Logsdon" <jlogsdon@colaska.com>
Created By: jlogsdon@colaska.com

Recipients

nrc.gov
 ARL_PO.ARL_DO
 RJT (Roberto J Torres)

Post Office

ARL_PO.ARL_DO

Route

nrc.gov

Files	Size	Date & Time
MESSAGE	329	12/17/2007 9:04:16 PM
TEXT.htm	5952	
image001.jpg	1793	
SECON Letter.pdf	47568	
SECON License Change.pdf	800052	
Jason Bartschi .pdf	195839	
Mime.822	1440123	

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

Junk Mail Handling Evaluation Results

Message is eligible for Junk Mail handling
 This message was not classified as Junk Mail

Junk Mail settings when this message was delivered

Junk Mail handling disabled by User
 Junk List is not enabled
 Junk Mail using personal address books is not enabled
 Block List is not enabled

From: "John Logsdon" <jlogsdon@colaska.com>
To: <rjt@nrc.gov>
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U.S. NUCLEAR REGULATORY COMMISSION
WASHINGTON, DC 20555-0001

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LICENSING ASSISTANCE TEAM
DIVISION OF NUCLEAR MATERIALS SAFETY
U.S. NUCLEAR REGULATORY COMMISSION, REGION I
475 ALLENDALE ROAD
KING OF PRUSSIA, PA 19406-1415

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
811 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TX 76011-4005

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)		2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)	
<input type="checkbox"/> A. NEW LICENSE <input checked="" type="checkbox"/> B. AMENDMENT TO LICENSE NUMBER <u>50-29231-01</u> <input type="checkbox"/> C. RENEWAL OF LICENSE NUMBER _____		Colaska alba Secom Southeast Alaska P.O. Box 32159 Juneau, Alaska 99801	
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED		4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION	
4418 North Tongass Ave. Ketchikan, Alaska, 99901		JASON BARTSCHE TELEPHONE NUMBER (907) 225-6491	
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. <u>CHANGE RSO</u>	
11. WASTE MANAGEMENT.		12. LICENSE FEES (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, 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		SIGNATURE	DATE
JOHN LOGSDON OPERATIONS MANAGER			12-17-07

FOR NRC USE ONLY

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

MATERIALS LICENSE

Pursuant to the Atomic Energy Act of 1954, as amended, the Energy Reorganization Act of 1974 (Public Law 93-436), 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 193 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. Colaska dba. Secor Southeast Alaska</p> <p>2. 5322 Shaune Drive Juneau, Alaska 99801</p>	<p>3. License number 50-29234-01</p> <hr/> <p>4. Expiration date June 30, 2016</p> <hr/> <p>5. Docker No. 030-57206 Reference No.</p>
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6. Byproduct, source, and/or special nuclear material	7. Chemical and/or physical form	8. Maximum amount that licensee may possess at any one time under this license
A. Cesium-137	A. Sealed sources (AEA Technology/QSA, Inc. Model CDCW/556 or Isotope Products Lab Model No. HEG-157)	A. 24 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State
B. Americium-241	B. Sealed sources (AEA Technology/QSA, Inc. Model AMNV.997 or Isotope Products Lab Models 3021, 3027 or AM1.N02)	B. 120 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State
C. Cesium-137	C. Sealed sources (OPN Model OPN-131)	C. 30 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State
D. Americium-241	D. Sealed sources (OPN Model OPN-131)	D. 150 millicuries total. No single source to exceed the maximum activity specified in the certificate of registration issued by NRC or an Agreement State

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number:
50-29231-01

Docket or Reference Number:
030-37206

9. Authorized use

- A. and B. For use in Troxler Model 3400 Series portable gauging devices for measuring physical properties of materials.
- C. and D. For use in CPN International Model MC Series Portaprobe portable gauging devices for measuring physical properties of materials.

CONDITIONS

10. Licensed material may be used or stored at the licensee's facility located at 5737 Glacier Highway, Juneau, Alaska, and may also 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 only be used by, or under the supervision and in the physical presence of, individuals who have received the training described in application dated May 5, 2006.
12. The Radiation Safety Officer (RSO) for this license is CLAYTON BARTSCHKE.
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 the U.S. Nuclear Regulatory Commission under 10 CFR 32.210 or by 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 by an Agreement State prior to the transfer, a sealed source or detector not received from another person shall not be put into use until tested.
- C. Sealed sources need not be leak 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 radionuclide material in the test sample. In the event 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 32.55 (c)(2), and the licensee shall be notified.

MATERIALS LICENSE
SUPPLEMENTARY SHEET

License Number
50-29231-01

Docket or Reference Number
030-37206

- 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, 611 Ryan Plaza Drive, Suite 400, Arlington, Texas 76011, ATTN: Director Division of Nuclear Materials Safety. The report shall specify the source involved, the test results, and corrective action taken.
- 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 test 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 sealed sources and/or devices received and possessed under the license.
 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, storage, or when not under the direct surveillance of an authorized user.
 17. Except for maintaining labeling as required by 10 CFR Part 20 or 71, the licensee shall obtain authorization from the 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 Registration Certificates issued either by the Commission pursuant to 10 CFR 32.210 or by an Agreement State.
 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. 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."
 20. 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

MATERIALS LICENSE
SUPPLEMENTARY SHEETLicense Number
50-29231-01Docket or Reference Number
03G-37206

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.

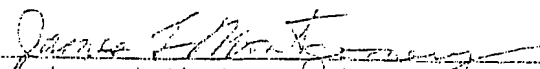
21. Except as specifically provided otherwise in this license, the licensee shall conduct its program in accordance with the statements, representations, and procedures contained in the documents, including any enclosures, listed below. The U.S. Nuclear Regulatory Commission's regulations shall govern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

A. Application dated May 5, 2006

FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date June 16, 2006

By


James L. Montgomery, *Special Resident*
Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011

Certificate of Completion



This is to certify that
Jason Bartschi
has completed a course of study in
Yearly Refresher Course - Portable Nuclear Gauge
dated
December 1, 2007
offered by
American Technical Institute

Training satisfies US DOT training requirements of 49 CFR 172 including:

- Emergency Procedures
- Methods and procedures for avoiding accidents
- Hazardous materials identification and recognition
- Self-protection measures
- Regulations applicable to job function

Certification expiration:
Yearly Refresher Training - 1 year from date listed
DOT - 3 years from date listed above


Company RSO Signature

American Technical Institute
5130 S. Ft. Apache Rd. #215-245
Las Vegas, Nevada 89148



Certificate of Completion

This is to certify that
Jason Bartschi
has completed a course of study in
Radiation Safety Officer Portable Density/Moisture Gauge Training
offered by
American Technical Institute
dated
December 1, 2007

Mail Envelope Properties (476738E0.AB3 : 6 : 55987)

Subject: Change in RSO
Creation Date 12/17/2007 9:04:16 PM
From: "John Logsdon" <jlogsdon@colaska.com>

Created By: jlogsdon@colaska.com

Recipients

nrc.gov
 ARL_PO.ARL_DO
 RJT (Roberto J Torres)

Post Office

ARL_PO.ARL_DO

Route

nrc.gov

Files	Size	Date & Time
MESSAGE	329	12/17/2007 9:04:16 PM
TEXT.htm	5952	
image001.jpg	1793	
SECON Letter.pdf	47568	
SECON License Change.pdf	800052	
Jason Bartschi .pdf	195839	
Mime.822	1440123	

Options

Expiration Date: None
Priority: Standard
ReplyRequested: No
Return Notification: None

Concealed Subject: No
Security: Standard

Junk Mail Handling Evaluation Results

Message is eligible for Junk Mail handling
 This message was not classified as Junk Mail

Junk Mail settings when this message was delivered

Junk Mail handling disabled by User
 Junk List is not enabled
 Junk Mail using personal address books is not enabled
 Block List is not enabled

ACCEPTANCE REVIEW MEMO (ARM)

Licensee:	Colaska dba Secon	License No.: 50-29231-01
Docket No.:	030-37206	Mail Control No.: 471603
Type of Action:	Amendment	Date of Requested Action: December 11, 2007
Reviewer Assigned:	R. Torres	ARM reviewer(s): J. Cook/R. Torres

Response	Deficiencies Noted During Acceptance Review
	<input type="checkbox"/> Open ended possession limits. Submit inventory. Limit possession. <input type="checkbox"/> Submit copies of latest leak test results. <input type="checkbox"/> Add IC L.C., split cover letter from license, add SUNSI markings to license. <input type="checkbox"/> Confirm with licensee if they have NARM material.
	Amendment request needs to be signed by management. Verify training certificate.

Reviewer's Initials: _____ **Date:** _____

<input type="checkbox"/> Yes	<input type="checkbox"/> No	Request for unrestricted release Group 2 or >. Consult with Bravo Branch.
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Termination request < 90 days from date of expiration
<input type="checkbox"/> Yes	<input type="checkbox"/> No	Expedite (medical emergency, no RSO, location of use/storage not on license, RAM in possession not on license, other)
<input type="checkbox"/> Yes	<input type="checkbox"/> No	TAR needed to complete action.

Branch Chief's and/or HP's Initials: _____ **Date:** _____

SUNSI Screening according to RIS 2005-31		
<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> No	Sensitive and Non-Publicly Available if <u>any</u> item below is checked
General guidance:		
_____ RAM = or > than Category 3 (Table 1, RIS 2005-31), use Unity Rule		
_____ Exact location of RAM (whether = or > than Category 3 or not)		
_____ Design of structure and/or equipment (site specific)		
_____ Information on nearby facilities		
_____ Detailed design drawings and/or performance information		
_____ Emergency planning and/or fire protection systems		
Specific guidance for medical, industrial and academic (above Category 3):		
_____ RAM quantities and inventory		
_____ Manufacturer's name and model number of sealed sources & devices		
_____ Site drawings with exact location of RAM, description of facility		
_____ RAM security program information (locks, alarms, etc.)		
_____ Emergency Plan specifics (routes to/from RAM, response to security events)		
_____ Vulnerability/security assessment/accident-safety analysis/risk assess		
_____ Mailing lists related to security response		
Branch Chief's and/or HP's Initials:	<i>[Signature]</i>	Date: 12/28/07

Checklist to Ensure That Radioactive Material Will Be Used as Intended

Applicant Information:

Control No. 471603

Name: Colaska dba Secon	Type of Request: Amendment Program Code(s): 03121	
Location: AK	License No.: 50-29231-01	Docket No.: 030-37206

STEP 1, ITEM A - INITIAL SCREENING

Instructions for Step 1: Complete Step 1 for all applications. If Step 1, Items A and B, are "YES" then do not complete Step 2. Sign and date the completed form and add it to ADAMS as Non-Sensitive and Non-Publicly Available. If a "NO" response is indicated for Item A or Item B, add the completed form to ADAMS as Sensitive and Non-Publicly Available, and complete Step 2 (Additional Screening). If the type of use is subject to a Security Order, complete Step 3, Item A, without delay. If the additional requirements for increased controls will be applied or voided, complete Step 3, Item B, without delay.	YES or NO
A. The applicant is a known entity or a licensee transferring control to a known entity. This determination has been made using the screening criteria in Worksheet A below.	Yes

Worksheet A

Instructions for Worksheet A: Answer each of the 6 questions below by placing a "Yes", "No", or "NA" response in the column on the right. Best practices for a reviewer are provided after each of the questions. If the answer to any of the 6 questions is "Yes" then indicate "Yes" in Step 1, Item A, above. If the answers to all of the 6 questions is "No" then indicate "No" in Step 1, Item A, above. NOTE - If the reviewer has personal knowledge of the applicant's veracity, this can be taken into account in responding to any questions. For example, if the applicant's management and/or RSO have been associated with a current or previous NRC or Agreement State license, then the applicant may be considered as a known entity.	YES, NO, or NA
1. Does the applicant have a current Agreement State or NRC license? The reviewer should 1) confirm that a valid license/registration/authorization exists for the applicant; and 2) compare the current license to the application to verify that the application represents a reasonable expansion of the licensee's operation (i.e., medical facility adding a gamma knife or an Agreement State licensee obtaining an NRC license in order to work in NRC jurisdiction without filing reciprocity).	Yes
2. Does the applicant have a current Agreement State or NRC license at another location and the new application represents the addition of a new facility within the scope of the licensee's core business? The reviewer should contact the appropriate licensing authority to confirm that a valid license/registration/authorization exists for the applicant and the corporate office of the licensee to verify that it has knowledge of and approves of the new application.	—
3. Does the applicant have a current State or Federal government license, registration, authorization, etc., for other operations within the scope of its proposed license activities? (e.g., a company authorized by a State for mining that is now requesting authorization to use fixed gauges). The reviewer should contact the appropriate government office to confirm that the license, registration, authorization, etc., is valid; and the applicant's corporate office to confirm that it has knowledge of and approves of the new application to possess radioactive materials.	—
4. Is the applicant a local, State or Federal government agency? The reviewer should contact the local, State or Federal government office to confirm that the applicant is a government entity.	—
5. Does the application only involve the relocation of an existing licensee, or its mailing address, to another State? This includes new licenses created from existing licenses listing locations in multiple States, in preparation for transfer of licenses to States that will shortly sign an Agreement with the NRC.	—
6. Is the application only the result of a licensee failing to submit a renewal application in a timely manner?	—

STEP 1, ITEM B - INITIAL SCREENING CONTINUED

<p>B. The applicant is requesting certain radionuclides and quantities that are less than the Risk Significant Quantity (TBq) values in Worksheet B, below, as "highlighted" by the reviewer, or is currently subject to a security order or additional requirements for increased controls. If "Yes", there is no need to proceed further.</p>	<p>N/A</p>
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Worksheet B - Risk Significant Quantities

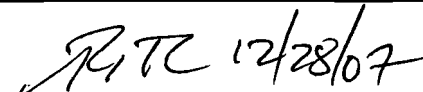
(Category 2 Quantities, IAEA Safety Guide No. RS-G-1.9, Categorization of Radioactive Sources, August 2005)

Radionuclide	Risk Significant Quantity (TBq ¹)	Risk Significant Quantity (Ci ¹)	Radionuclide	Risk Significant Quantity (TBq ¹)	Risk Significant Quantity (Ci ¹)
Am-241	0.6	16	Pm-147	400	11,000
Am-241/Be	0.6	16	Pu-238	0.6	16
Cf-252	0.2	5.4	Pu-239/Be	0.6	16
Cm-244	0.5	14	Ra-226 ²	0.4	11
Co-60	0.3	8.1	Se-75	2	54
Cs-137	1	27	Sr-90 (Y-90)	10	270
Gd-153	10	270	Tm-170	200	5,400
Ir-192	0.8	22	Yb-169	3	81

¹ The primary values are TBq. The curie (Ci) values are for informational purposes only.
² The Atomic Energy Act, as amended by the Energy Policy Act of 2005, authorizes NRC to regulate Ra-226 and NRC is in the process of amending its regulations for discrete sources of Ra-226.

<p>Calculations of the Total Activity or the Unity Rule were completed. NOTE—If an amendment of an existing license is being requested, the calculations will include the previously authorized quantities for the radionuclide(s).</p>	<p>Yes , No, or Not Applicable (NA)</p>
<p>Total Activity—multiple activities are requested for a single radionuclide and the sum of the activities is less than the Risk Significant Quantity (TBq) for the radionuclide.</p>	<p>—</p>
<p>Unity Rule—multiple radionuclides are requested and the sum of the ratios is less than 1.0, e.g., [(total activity for radionuclide A) ÷ (risk significant quantity for radionuclide A)] + [(total activity for radionuclide B) ÷ (risk significant quantity for radionuclide B)] < 1.0.</p>	<p>—</p>

Signature and Date for Step 1:


 License Reviewer and Date

BETWEEN:

License Fee Management Branch, ARM
and
Regional Licensing Sections

: (FOR LFMS USE)
: INFORMATION FROM LTS
: -----
: Program Code: 03121
: Status Code: 0
: Fee Category: 3P
: Exp. Date: 20160630
: Fee Comments:
: Decom Fin Assur Req: N
: ::::::::::::::::::::::::::::::::::::::

LICENSE FEE TRANSMITTAL

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: COLASKA DBA SECON SOUTHWEST ALASKA
Received Date: 20071219
Docket No: 3037206
Control No.: 471603
License No.: 50-29231-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.:

3. COMMENTS

Signed
Date 12-31-07

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 _____