



THE STATE
of **ALASKA**
GOVERNOR SEAN PARNELL

Department of Transportation
and Public Facilities

STATEWIDE DESIGN & ENGINEERING SERVICES
Statewide Materials

5800 East Tudor Road
Anchorage, Alaska 99507-1286
Main: 907.269.6230
Fax: 907.269.6231
Toll free: 800.770.2765
TEXT: 907.269.0473

April 25, 2015

Nuclear Materials Licensing Section
U.S. Nuclear Regulatory Commission Region IV
1600 E. Lamar Boulevard
Arlington, TX 76011-4511

Re: License No. 50-14102-01 Amendment

Dear Sirs:

Attached please find an application to **amend** license No. 50-14102-01.

Daniel Gettman was selected from within the Alaska Department of Transportation and Public Facilities (ADOT&PF) ranks in December of 2014 to serve as our new Statewide Radiation Safety Officer (SRSO). Mr. Gettman began working with current SRSO, Richard S. Giessel, P.E., on February 2, 2015 to learn all that this important job requires and ensure a thorough transfer of operational procedures, responsibilities and records. Mr. Gettman had been serving as the South Coast Regional Radiation Safety Officer immediately prior to his acceptance of the position as SRSO. Mr. Gettman received his first nuclear safety training in 2001, Radiation Safety Officer (RSO) training in 2010 and again in 2015. He served as an RSO in the private sector from 2011-2012 and assumed Regional RSO duties for the ADOT&PF South Coast Region in the Fall of 2014, before transferring to his current position. He is well qualified to serve as the SRSO. Mr. Gettman will work closely with the regional RSOs to maintain the statewide integrity of the ADOT&PF Radiation Safety Program.

Attachment A of form 313 is attached with this change to section 7 of our License.

If you need further information or have questions, please feel free to contact us.

Thank you for your attention to this matter.

Richard S. Giessel, P.E.
Statewide Quality Assurance Engineer

Michael San Angelo, P.E.
State Materials Engineer

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

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

Reviewer: AKR Date: 6-2-15

RECEIVED

MAY 04 2015

"Get Alaska Moving through service and infrastructure."

11 5869 50MS

Enclosures

Attachment A of NRC Form 313

Cc: File

№ 5 8 6 9 5 0



APPLICATION FOR MATERIALS LICENSE

Estimated burden per response to comply with this mandatory collection request: 4.3 hours. Submittal of the application is necessary to determine that the applicant is qualified and that adequate procedures exist to protect the public health and safety. Send comments regarding burden estimate to the FOIA, Privacy, and Information Collections Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollections.Resource@nrc.gov, and to the Desk Officer, Office of Information and Regulatory Affairs, NEOB-10202, (3150-0120), Office of Management and Budget, Washington, DC 20503. If a means used to impose an information collection does not display a currently valid OMB control number, the NRC may not conduct or sponsor, and a person is not required to respond to, the information collection.

INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION GUIDE FOR DETAILED INSTRUCTIONS FOR COMPLETING APPLICATION. SEND TWO COPIES OF THE ENTIRE COMPLETED APPLICATION TO THE NRC OFFICE SPECIFIED BELOW. *AMENDMENTS/RENEWALS THAT INCREASE THE SCOPE OF THE EXISTING LICENSE TO A NEW OR HIGHER FEE CATEGORY WILL REQUIRE A FEE.

APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:

OFFICE OF FEDERAL & STATE MATERIALS AND
ENVIRONMENTAL MANAGEMENT PROGRAMS
DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS
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

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
1800 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

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

50-14102-01

☐

C. RENEWAL OF LICENSE NUMBER

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

State of Alaska D.O.T&P.F.
5800 E. Tudor Road
Anchorage, Alaska 99507-1225

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Daniel Gettman

BUSINESS TELEPHONE NUMBER

(907) 269-6248

BUSINESS CELLULAR TELEPHONE NUMBER

(907) 242-9560

BUSINESS EMAIL ADDRESS

daniel.gettman@alaska.gov

SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMATION TO BE PROVIDED IS DESCRIBED IN THE LICENSE APPLICATION GUIDE.

5. RADIOACTIVE MATERIAL

a. Element and mass number; b. chemical and/or physical form; and c. maximum amount which will be possessed at any one time.

6. PURPOSE(S) FOR WHICH LICENSED MATERIAL WILL BE USED.

7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING EXPERIENCE.

8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS.

9. FACILITIES AND EQUIPMENT.

10. RADIATION SAFETY PROGRAM.

11. WASTE MANAGEMENT.

**12. LICENSE FEES (Fees required only for new applications, with few exceptions*)
(See 10 CFR 170 and Section 170.31)**

FEE CATEGORY

AMOUNT
ENCLOSED \$

13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THAT ALL STATEMENTS AND REPRESENTATIONS MADE IN THIS APPLICATION ARE BINDING UPON THE APPLICANT.

THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 37, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.

WARNING: 18 U.S.C. SECTION 1001 ACT OF JUNE 25, 1948 62 STAT. 749 MAKES IT A CRIMINAL OFFENSE TO MAKE A WILLFULLY FALSE STATEMENT OR REPRESENTATION TO ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN ITS JURISDICTION.

CERTIFYING OFFICER - TYPED/PRINTED NAME AND TITLE

Michael San Angelo, P.E., State Materials Engineer

SIGNATURE

DATE

7/29/15

FOR NRC USE ONLY

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

586950

NCR FORM 313 - Attachment A

APPLICATION FOR MATERIALS LICENSE

Date: April 22, 2015

Amendment to License No. 50-14102-01

7. Radiation Safety Officer is changed to Daniel Gettman.

Mr. Gettman's training includes:

- A. Great Northern, Radiological Safety & Gauge Operation, 3/16/2001
- B. APNGA, Radiation Safety Officer Class, 4/1/2010
- C. APNGA Hazmat refresher training, 3/30/2012
- D. State of Alaska, Nuclear Testing Equipment and Hazardous Material Certificate, 4/14/13
- E. APNGA, Annual Refresher training for Portable nuclear gauges, 2/24/15
- F. US DOT Hazmat Certification Refresher Training for Portable Nuclear Gauges, 2/27/15
- G. APNGA, Radiation Safety Officer Class, 4/23/15

Great Northern Densometer

Nuclear Testing Equipment Certificate

this certifies that

DANIEL C. GETTMAN

has successfully completed a training course in the use of nuclear testing equipment.
Subjects included in this course were as follows:

RADIOLOGICAL SAFETY

- | | |
|--|--|
| 1. Principles of Radiation Protection | 5. Monitoring Instruments and Techniques |
| 2. Leak Testing Procedures | 5. Accident and Incident Procedures |
| 3. Basic Measurements of Radioactivity | 7. Nuclear Gauge Storage and Transport |
| 4. Biological Effects of Radiation | 8. General Safety Precautions |

GAUGE OPERATIONS

- | | |
|-------------------------|----------------------|
| 1. Instrument Theory | 3. Maintenance |
| 2. Operating Procedures | 4. Field Application |
| 5. Gauge Calibration | |


Instructor

March 16, 2001

Date

1586950

APNGA
Certificate of Achievement
This confirms that

daniel gettman

has successfully completed the APNGA Portable Nuclear Gauge

Radiation Safety Officer Class

on this day

Thursday, April 01, 2010

American Portable Nuclear Gauge Association (APNGA)
www.apnga.com


George E. Marshall
APNGA Director

APNGA
HAZMAT Refresher Training for Portable Nuclear Gauges

Certificate of Completion to:

Daniel Gettman

Training must be renewed within three years from today's date:

Friday, March 30, 2012

This course satisfies the training requirements of 49 CFR 172, Subpart H, Including:

- General Awareness/Familiarization
- Function Specific Training
- Safety Training
- Security Awareness
- Driver Training
- IATA Requirements

The organization RSO/Official must certify that the employee has been properly trained and tested per the requirements of 49 CFR 172, Subpart H. The acknowledgment and signature of the RSO/Official makes the training and certificate relevant and valid.

Company Name

Company RSO / Official (print)

Signature of RSO / Official

American Portable Nuclear Gauge Association (APNGA)
www.apnga.com


George E. Marshall
APNGA Director



State of Alaska
Department of Transportation and Public Facilities



**Nuclear Testing Equipment and
Hazardous Material Training Certificate**

Daniel Gettman

has successfully completed an eight-hour training course in the use of Nuclear Testing Equipment and Hazardous Material training per 49 CFR 172, Subpart H. Subjects included in this course are as follows:

Nuclear Testing Equipment Training

Radiological Safety

1. Principles of Radiation Protection
2. Leak Testing Procedures
3. Basic Measurements of Radioactivity
4. Biological Effects of Radiation
5. Monitoring Instruments and Techniques
6. Accident and Storage
7. Nuclear Gauge Storage and Transport
8. General Safety Precautions

Gauge Operations

1. Instrument Theory
2. Operating and Emergency Procedures
3. Maintenance
4. Field Applications
5. Gauge Calibration
6. Security Procedures
7. Safety Conscious Work Environment
8. Safety Culture

Hazardous Material Training

I hereby certify that I am a qualified Course Instructor in accordance with NUREG 1556, Volume 1, Appendix D Course Instructor Qualifications, and that I trained the above named person in Radiological Safety, Gauge Operations, and in accordance with 49 CFR 172, Subpart H – Training, Section 172.704 consisting of the following: general awareness/familiarization training including regulatory compliance; function specific training including labeling, documentation, preparation for transport, transportation by aircraft, vessel and public highway; security; and safety training including emergency response, personal protection and accident avoidance.


SER Radiation Safety Officer

April 14, 2013
DATE

1586950

APNGA
Annual Refresher Training for Portable Nuclear Gauges

Certificate of Completion to:
Daniel Gettman

Date:
February 24, 2015

**This course covers aspects of NUREG 1556, The Agreement States, and 49 CFR 172,
Subpart H, including:**

- General Awareness/Familiarization
- Function Specific Training
- Safety Training
- Security Awareness
- Driver Training

The organization RSO/Official should also re-familiarize the employee with state specific regulations and the company radiation safety program, specifically gauge safety operating and emergency response procedures.

The acknowledgement and signature of the RSO/Official makes the training and certificate relevant and valid.

ALASKA DOT + PF

Company Name

RICHARD S. GIESSEL

Company RSO/Official (print)

Richard S. Giesel

Signature of RSO/Official

American Portable Nuclear Gauge Association
P.O. Box 423, Emmitsburg, MD 21727 • www.apnga.com

6Y7IHZv3PT

George E. Marshall
George E. Marshall - Director
240-888-6426

U.S. D.O.T. HAZMAT CERTIFICATION

Refresher Training for Portable Nuclear Gauges

Certificate of Completion to:
Daniel Gettman

Training must be renewed within three years from today's date:

February 27, 2015

This course satisfies the training requirements of 49 CFR 172, Subpart H, including:

- General Awareness/Familiarization
- Function Specific Training
- Safety Training
- Security Awareness
- Driver Training

The organization RSO/Official must certify that the employee has been properly trained and tested per the requirements of 49 CFR 172, Subpart H. The acknowledgement and signature of the RSO/Official makes the training and certificate relevant and valid.

ALASKA DOT & PF

Company Name

RICHARD S. GIESSEL

Company RSO/Official (print)

Richard S. Gissel

Signature of RSO/Official

American Portable Nuclear Gauge Association
P.O. Box 423, Emmitsburg, MD 21727 • www.apnga.com

EQ8LFfFuzy

George E. Marshall
George E. Marshall - Director
202-888-6426

APNGA
Certificate of Achievement

This confirms that
Daniel Gettman

Has successfully completed the APNGA Portable Nuclear Gauge

Radiation Safety Officer Class

on this day

April 23, 2015

American Portable Nuclear Gauge Association
P.O. Box 423, Emmitsburg, MD 21727 • www.apnga.com


George E. Marshall - Director
240-888-6426

XdlreJdJ7M

State of Alaska
DOT&PF-Statewide Design & Engineering Svcs
Statewide Materials
5800 E. Tudor Road
Anchorage, AK 99507-1225 029



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Nuclear Materials Licensing Section
U.S. Nuclear Regulatory Commission Region IV
1600 E. Lamar Boulevard
Arlington, TX 76011-4511

RECEIVED MAY -4 2015

096989



DATE

06/02/2015

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

Richard S. Giessel, P.E.
Radiation Safety Officer
State of Alaska
Department of Transportation and Public Facilities
5800 East Tudor Street
Anchorage, Alaska 99507-1286

LICENSE NUMBER

50-14102-01

MAIL CONTROL NUMBER

586950

LICENSING AND/OR TECHNICAL REVIEWER

CH

This is to acknowledge the receipt of your:

☒ LETTER and/or ☒ APPLICATION DATED: 04/25/2015

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

✓ 6/2

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

Program Code: 03121
Status Code: Pending Amendment
Fee Category: 3P
Exp. Date: 11/30/2011
Fee Comments:
Decom Fin Assur Req: N

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: State of Alaska
Received Date: 05/04/2015
Docket Number: 3007710
Mail Control Number: 586950
License Number: 50-14102-01
Action Type: Amendment

2. FEE ATTACHED

Amount: _____
Check No.: _____

3. COMMENTS

Signed: _____

Date: _____

Carol L. Hice
6/2/15

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: _____