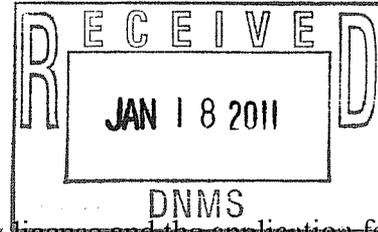


December 30, 2010

USNRC

ATTN: Licensing Assistant
612 East Lamar Boulevard, Suite 400
Arlington, Texas 76011-4125

SUBJECT: New License Application



Design Alaska, Inc. has received the application for a new license and the application fee of \$1,200 (check number 34774) returned from your office for the following reasons: (Design Alaska response follows each item.)

1. NRC Form 313 is not signed and dated. (Attached Form 313 is signed and dated.)
2. The application fee for a portable gauge license for fiscal year 2011 is \$1,400. (Check for additional \$200 is included, along with original check for \$1,200.)

Additional items were requested in your letter dated December 22, 2010, as follows: (Design Alaska response follows each item.)

1. Submit training certificate as RSO or gauge user for the proposed RSO. (Training certificate(s) attached.)
2. Provide a brief explanation why Design Alaska, Inc. is requesting a license. Provide examples of proposed future projects in which Design Alaska, Inc. will use portable gauges. (Statement of proposed use attached.)
3. Please note that 10 CFR 30.34, Terms and Conditions of Licenses, was revised. (Attached statement Item 10. Radiation Safety Program -- Operating and Emergency Procedures includes the statement as requested, and will be implemented.)
4. Indicate if Design Alaska, Inc. has ever had an NRC or Agreement State license for portable gauges. (Design Alaska, Inc. has previously held a license; copy attached.)
5. Provide copy of Design Alaska, Inc. business registration with the State of Alaska. Provide copy of the company's federal tax identification number. (Copies are attached.)
6. Provide Design Alaska, Inc. website address, if applicable. (www.designalaska.com)
7. Provide the names of all the company owners or principals and brief company history. Provide an organization chart with individual's names and positions. (Attached.)
8. Indicate how many portable gauges Design Alaska, Inc. plans on possessing. Provide gauge manufacturer's name and model number. (This information is provided in Items 5 and 6 of the Application attachment. Quantity given is mCi of radioactive isotope we will possess; this quantity is for one gauge. We currently possess a Niton XRF analyzer with a Cd-109 source. This instrument

↳ GL ?

was the subject of our previously held license. That license was terminated by Roberto J. Torres; see attached letter.)

9. State if Design Alaska, Inc. currently is in possession of portable gauges containing Radium 226 sealed sources. (Design Alaska, Inc. is **not** in possession of portable gauges containing Radium 226 sealed sources.)

Please contact our office if additional information is necessary.

Best regards,



Wendy A. Presler, EIT
Civil Engineering Department

Enclosures

NRC FORM 313
(3-2009)
10 CFR 30, 32, 33,
34, 35, 36, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

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 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.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.

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:

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
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
612 E. LAMAR BOULEVARD, SUITE 400
ARLINGTON, TX 76011-4125

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 _____
- C. RENEWAL OF LICENSE NUMBER _____

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

Design Alaska, Inc.
601 College Road
Fairbanks, Alaska 99701

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

601 College Road
Fairbanks, Alaska 99701

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Wendy Presler

TELEPHONE NUMBER

(907) 452-1241

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 (See 10 CFR 170 and Section 170.31)

FEE CATEGORY **1.C** AMOUNT ENCLOSED **\$ 1,200.00**

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

Jack B. Wilbur, Jr. - President

SIGNATURE

DATE

12/29/10

FOR NRC USE ONLY

TYPE OF FEE	FEE LOG	FEE CATEGORY	AMOUNT RECEIVED	CHECK NUMBER	COMMENTS
			\$		16 574324
APPROVED BY				DATE	

ITEMS 5 AND 6: MATERIALS TO BE POSSESSED AND PROPOSED USES

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
x		Cesium-137	Sealed source manufacturer and model number: InstroTek Model 3500 Xplorer	10 mCi	Measure the density of thin asphalt and concrete layers	Not applicable
x		Americium-241	Sealed source manufacturer and model number: InstroTek Model 3500 Xplorer	40 mCi	Measure the density of thin asphalt and concrete layers	Not applicable

Item No. and Title	Response	Yes	Alternative Procedures Attached
7. INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE - RADIATION SAFETY OFFICER NAME: WENDY PRESLER	Before obtaining licensed materials, the proposed RSO will have successfully completed one of the training courses described in Criteria in the section entitled "Individual(s) Responsible for Radiation Safety Program and Their Training and Experience - Radiation Safety Officer" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	x	n/a
8. TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	Before using licensed materials, authorized users will have successfully completed one of the training courses described in Criteria in the section entitled "Training for Individuals Working In or Frequenting Restricted Areas" in NUREG-1556, Vol. 1, Rev 1, dated November 2001.	x	n/a
9. FACILITIES AND EQUIPMENT	No additional information to submit with this item.	n/a	n/a
10. RADIATION SAFETY PROGRAM - SURVEY INSTRUMENTS	We will possess and use a radiation survey meter meeting the Criteria in "Radiation Safety Program - Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	x	n/a

Item No. and Title	Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM - MATERIAL RECEIPT AND ACCOUNTABILITY	Physical inventories will be conducted at interval not to exceed 6 months, to account for all sealed sources and devices received and possessed under this license.	x	n/a
10. RADIATION SAFETY PROGRAM - OCCUPATIONAL DOSIMETRY	Either we will maintain, for inspection by NRC, documentation demonstrating that unmonitored individuals are not likely to receive a radiation dose in excess of 10 percent of the allowable limits in 10 CFR Part 20, or we will provide dosimetry processed and evaluated by an NVLAP-approved processor that is exchanged at a frequency recommended by the processor.	x	n/a
10. RADIATION SAFETY PROGRAM - OPERATING AND EMERGENCY PROCEDURES	We will implement and maintain the operating and emergency procedures in Appendix H of NUREG-1556, Vol. 1, Rev. 1, dated November 2001, and provide copies of these procedures to all gauge users and at each job site.	x	n/a
10. RADIATION SAFETY PROGRAM - LEAK TEST	Leak tests will be performed at intervals approved by NRC and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC to provide leak test kits to other licensees and according to the kit supplier's instructions.	x	n/a

Item No. and Title	Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM - MAINTENANCE	<p>Routing Cleaning and Lubrication: We will implement and maintain procedures for routine maintenance for our gauges according to each manufacturer's recommendations and instructions.</p> <p>Non-Routine Maintenance: We will send the gauge to the manufacturer or other person authorized by NRC to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.</p>	x	n/a

InstroTek, Inc.

Nuclear Gauge Safety Training

Wendy Presler

Has successfully completed a certified course on radiation safety, transport and operation of instruments using gamma and neutron radiation to measure the physical properties of construction materials.

Subjects included were:

Types and basic units of ionizing radiation
Calculations related to radiation safety
Biological effects of radiation
Methods of protection
Leak testing procedure
Procedures for safe transport and storage
Federal and State Regulations

Accident prevention and procedures
Instrument theory and operation
Limitations of field maintenance
Instrument standardization and calibration
Test site selection and preparation
Field operation and calculations
Types and reasons for measurement errors



**InstroTek[®]
Inc.**

InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371


Instructor: Dr. Larry James
Date of Training: 1/4/2011
Location: Raleigh, NC

InstroTek, Inc.

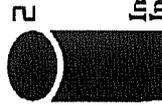
Radiation Safety Officer Training

Wendy Presler

Has successfully completed a certified course on the responsibilities of Radiation Safety Officer for portable nuclear gauges using special form nuclear material.

Subjects included were:

- Responsibilities of Radiation Safety Officer
- Commercial shipping of portable nuclear gauges
- Applicable 10 CFR Regulations
- Portable nuclear gauge security
- Records for tracking and logging portable gauges
- Unit Conversions
- Applying for nuclear materials license



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371

- Radiation Safety Program
- Applicable 49 CFR Regulations
- NUREG 1556 Vol. 1 Rev. 1
- Records for Dosimetry
- Dose calculations and calculators
- Decay calculations and calculators
- Amending nuclear materials license

Instructor: Dr. Larry James
Date of Training: 04 Jan 2011
Location: Raleigh, NC

**THIS DOCUMENT MAY BE USED TO VERIFY TRAINING REQUIRED BY 49CFR172,
SUB PART H.**

Wendy Presler

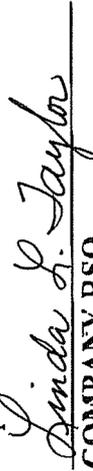
Training Date: 1/4/2011

Training materials used are part of InstroTek, Inc. Nuclear Gauge Safety Training Program. Topics covered apply to recognition, labeling, preparation for transport, transportation regulatory compliance, emergency response, personal protection, and accident avoidance only as they apply to radioactive White I and Yellow II portable gauging devices.

**InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617**


INSTRUCTOR

I certify that the above named employee has been properly trained and tested in accordance with the requirements of 49CFR172, subpart H


COMPANY RSO

**Design Alaska, Inc.
601 College Road
Fairbanks, AK 99701**

**1/4/2014
EXPIRATION DATE**

InstroTek, Inc.
Radiation Safety Officer Training

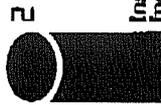
Linda L. Taylor

Has successfully completed a certified course on the responsibilities of Radiation Safety Officer for portable nuclear gauges using special form nuclear material.

Subjects included were:

Responsibilities of Radiation Safety Officer
Commercial shipping of portable nuclear gauges
Applicable 10 CFR Regulations
Portable nuclear gauge security
Records for tracking and logging portable gauges
Unit Conversions
Applying for nuclear materials license

Radiation Safety Program
Applicable 49 CFR Regulations
NUREG 1556 Vol. 1 Rev. 1
Records for Dosimetry
Dose calculations and calculators
Decay calculations and calculators
Amending nuclear materials license



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371

InstroTek,
Inc.


Instructor: Dr. Larry James
Date of Training: 04 Jan 2011
Location: Raleigh, NC

**THIS DOCUMENT MAY BE USED TO VERIFY TRAINING REQUIRED BY 49CFR172,
SUB PART H.**

Linda L. Taylor

Training Date: 1/4/2011

Training materials used are part of InstroTek, Inc. Nuclear Gauge Safety Training Program. Topics covered apply to recognition, labeling, preparation for transport, transportation regulatory compliance, emergency response, personal protection, and accident avoidance only as they apply to radioactive White I and Yellow II portable gauging devices.

**InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617**


INSTRUCTOR

I certify that the above named employee has been properly trained and tested in accordance with the requirements of 49CFR172, subpart H

COMPANY RSO
Design Alaska, Inc.
601 College Road
Fairbanks, AK 99701

1/4/2014
EXPIRATION DATE

InstroTek, Inc.

Nuclear Gauge Safety Training

Linda L. Taylor

Has successfully completed a certified course on radiation safety, transport and operation of instruments using gamma and neutron radiation to measure the physical properties of construction materials.

Subjects included were:

Types and basic units of ionizing radiation
Calculations related to radiation safety
Biological effects of radiation
Methods of protection
Leak testing procedure
Procedures for safe transport and storage
Federal and State Regulations

Accident prevention and procedures
Instrument theory and operation
Limitations of field maintenance
Instrument standardization and calibration
Test site selection and preparation
Field operation and calculations
Types and reasons for measurement errors



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371

InstroTek[®]
Inc.


Instructor: Dr. Larry James
Date of Training: 1/4/2011
Location: Raleigh, NC

InstroTek, Inc.
Radiation Safety Officer Training

John Rowe

Has successfully completed a certified course on the responsibilities of Radiation Safety Officer for portable nuclear gauges using special form nuclear material.

Subjects included were:

- Responsibilities of Radiation Safety Officer
- Commercial shipping of portable nuclear gauges
- Applicable 10 CFR Regulations
- Portable nuclear gauge security
- Records for tracking and logging portable gauges
- Unit Conversions
- Applying for nuclear materials license

- Radiation Safety Program
- Applicable 49 CFR Regulations
- NUREG 1556 Vol. 1 Rev. 1
- Records for Dosimetry
- Dose calculations and calculators
- Decay calculations and calculators
- Amending nuclear materials license



InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371

InstroTek
Inc.

Instructor: Dr. Larry James
Date of Training: 04 Jan 2011
Location: Raleigh, NC

**THIS DOCUMENT MAY BE USED TO VERIFY TRAINING REQUIRED BY 49CFR172,
SUB PART H.**

John Rowe

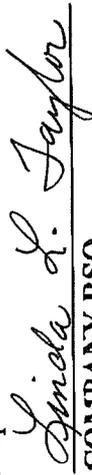
Training Date: 1/4/2011

Training materials used are part of InstronTek, Inc. Nuclear Gauge Safety Training Program. Topics covered apply to recognition, labeling, preparation for transport, transportation regulatory compliance, emergency response, personal protection, and accident avoidance only as they apply to radioactive White I and Yellow II portable gauging devices.

**InstronTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617**


INSTRUCTOR

I certify that the above named employee has been properly trained and tested in accordance with the requirements of 49CFR172, subpart H


COMPANY RSO

Design Alaska, Inc.
601 College Road
Fairbanks, AK 99701

1/4/2014
EXPIRATION DATE

InstroTek, Inc.

Nuclear Gauge Safety Training

John Rowe

Has successfully completed a certified course on radiation safety, transport and operation of instruments using gamma and neutron radiation to measure the physical properties of construction materials.

Subjects included were:

- Types and basic units of ionizing radiation
- Calculations related to radiation safety
- Biological effects of radiation
- Methods of protection
- Leak testing procedure
- Procedures for safe transport and storage
- Federal and State Regulations

- Accident prevention and procedures
- Instrument theory and operation
- Limitations of field maintenance
- Instrument standardization and calibration
- Test site selection and preparation
- Field operation and calculations
- Types and reasons for measurement errors



**InstroTek
Inc.**

InstroTek, Inc.
5908 Triangle Dr.
Raleigh, NC 27617
(919) 875-8371

Instructor: Dr. Larry James
Date of Training: 1/4/2011
Location: Raleigh, NC

Alaska Department of Commerce, Community, and Economic Development

Division of Corporations, Business and Professional Licensing
P.O. Box 110806, Juneau, Alaska 99811-0806

This is to certify that

DESIGN ALASKA INC

601 COLLEGE ROAD FAIRBANKS AK 99701

owned by

DESIGN ALASKA INC

is licensed by the department to conduct business for the period

October 13, 2009 through December 31, 2011
for the following line of business:

54 - Professional, Scientific and Technical Services

This license shall not be taken as permission to do business in the state without having complied with the other requirements of the laws of the State or of the United States.

This license must be posted in a conspicuous place at the business location. It is not transferable or assignable.

Emil Notti
Commissioner



STATEMENT OF PROPOSED USE

Design Alaska, Inc. is a professional corporation, licensed in the State of Alaska, and provides Architectural, Engineering and Surveying services. Construction testing services will be offered beginning Spring 2011 and continuing indefinitely.

Design Alaska, Inc. is purchasing a nuclear density gauge for use in construction testing. The gauge is used to determine soil compaction and moisture content, and is common to the industry. The gauge will be used at jobsite locations by one of our trained technicians. The gauge will be stored in a secure location at Design Alaska, Inc.



UNITED STATES
NUCLEAR REGULATORY COMMISSION
REGION IV
611 RYAN PLAZA DRIVE, SUITE 400
ARLINGTON, TEXAS 76011-4005

November 29, 2006

Design Alaska, Inc.
ATTN: Linda L. Taylor, P.E.
Radiation Safety Officer
601 College Road
Fairbanks, Alaska 99701

SUBJECT: TERMINATION OF YOUR NRC RADIOACTIVE MATERIALS LICENSE

On November 29, 2006, you contacted the U.S. Nuclear Regulatory Commission (NRC) and indicated that Design Alaska, Inc., wished to terminate their NRC radioactive materials license. The NRC staff has reviewed your sealed source leak test result. Based on its review, the staff has concluded that: 1) all licensable radioactive material will continue to be used under the auspices of the general license requirements, and 2) residual radioactive material attributable to licensed activities does not exceed current NRC criteria.

Based on these conclusions no further actions with respect to NRC regulated material is required. Your facility is suitable for unrestricted use and NRC license number 50-29210-01 for your location of use at 601 College Road, Fairbanks, Alaska, is hereby terminated.

In accordance with 10 CFR 2.390 of the NRC's "Rules of Practice," a copy of this letter and its enclosure(s) will be available electronically for public inspection in the NRC Public Document Room or from the NRC's document system (ADAMS). ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

Please contact me at 817-860-8189 if you have questions or require clarification on any of the information stated above.

Sincerely,

A handwritten signature in black ink, appearing to read "Roberto J. Torres".

Roberto J. Torres
Senior Health Physicist
Nuclear Materials Licensing Branch

Docket: 030-37006
License: 50-29210-01
Control: 471190

Enclosure: As stated

CHECKLIST

NUREG 1757 - Appendix C: CHECKLIST OF ACTIONS TO BE COMPLETED BY NRC STAFF UPON RECEIPT OF LICENSED FACILITIES NOTIFICATION OF INTENT TO CEASE LICENSED OPERATIONS

Facility Information: License No.: 50-29210-01 Docket No.: 030-37006

Facility Name: Design Alaska, Inc.
Address: 601 College Road
Address: Fairbanks, Alaska 99701

Project Manager: Roberto J. Torres (NRC Staff reviewing the Termination Request)
Date of Notification: November 29, 2006

Design Alaska, Inc., was determined to be Group 1

For Groups 1 and 2, the acceptable methods for demonstrating the suitability of the site for unrestricted use is described in Chapters 8 and 9 of NUREG 1757, *Consolidated NMSS Decommissioning Guidance*, Volume 1, "Decommissioning Process for Materials Licensees."

Group 1 Licensees (Refer to Section 8.1 of NUREG 1757)

Question 1:

Yes This licensee possessed and used only sealed sources and their most recent leak tests are current and demonstrate that the sealed sources did not leak while in their possession.

Comments: **Licensee possesses one Niton XRF Model No. XLp 303A X-Ray Fluorescence Device containing 40 millicuries of Cd-109. Analysis of leak test performed on September 25, 2006 resulted in negative removable contamination. The device will continue to be used by Design Alaska, Inc., under the auspices of the general license requirements.**

Question 2:

No This licensee possessed and used relatively short-lived radioactive material (i.e., $T_{1/2}$ less than or equal to 120 days) in an unsealed form, the maximum activity authorized under the license has decayed to less than the quantity specified in 10 CFR Part 20, Appendix C, and the licensee's survey performed in accordance with 10 CFR Part 30.36 does not identify any residual levels of radiological contamination greater than decommissioning screening criteria.

NOTE: Licensees decommissioning under Group 1 would not be required to develop a DP.

***(If Licensee is designated as Group 1, then you may end the Checklist here!)
(Please Go to the Last Page)***

Design Alaska, Inc.

Radioactive Material Disposition

Yes Form 314 or equivalent submitted:

 X Staff verified disposition of sealed sources or unsealed radioactive material by one of the following:

 X Letter from Form 314 Recipient

 Call to Form 314 Recipient

Comments:

Radioactive Material Records Disposition

Yes Licensee transfer of records discussed in 10 CFR 30.35, 30.36, 30.51; 40.36, 40.42, 40.61; or 70.25, 70.38, 70.51:

 X To U.S. NRC (**leak test result**)

 To individual assuming responsibility for the license, with a copy of the cover letter to the U.S. NRC.

Comments:

Confirmatory or Side-by-Side Survey (Negative leak test result in lieu of survey)

 Termination survey submitted by licensee.

 Termination survey satisfies NRC survey requirements.

 Confirmatory or Side-by-Side survey performed:

Type:
Date(s):
Inspector:

 Close-out inspection performed:

Date(s):
Inspector:

Comments:

Materials License Termination/Retirement Form

LICENSE #: 50-29210-01

DOCKET #:030-37006

LICENSEE: Design Alaska, Inc.

EXPIRATION DATE: 10/31/2015

DATE OF CONTACT: 11/29/2006

ADDRESS: 601 College Road,
Fairbanks, Alaska 99701

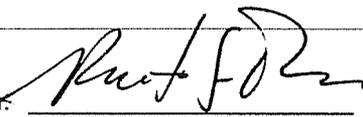
CONTACTED BY: Linda Taylor, P.E.

TITLE: Radiation Safety Officer

TELEPHONE: 907-452-1241

LICENSE TERMINATED: **November 29, 2006**

BASIS FOR TERMINATION AND/OR RETIREMENT: Licensee possesses one Niton XRF Model No. XLp 303A X-Ray Fluorescence Device containing 40 millicuries of Cd-109. Analysis of leak test performed on September 25, 2006 resulted in negative removable contamination. The device will continue to be used by Design Alaska, Inc., under the auspices of the general license requirements.

Licensing staff completing form:  Roberto J. Torres	Date: November 29, 2006
--	-------------------------

**MATERIALS LICENSE
SUPPLEMENTARY SHEET**

License Number

50-29210-01

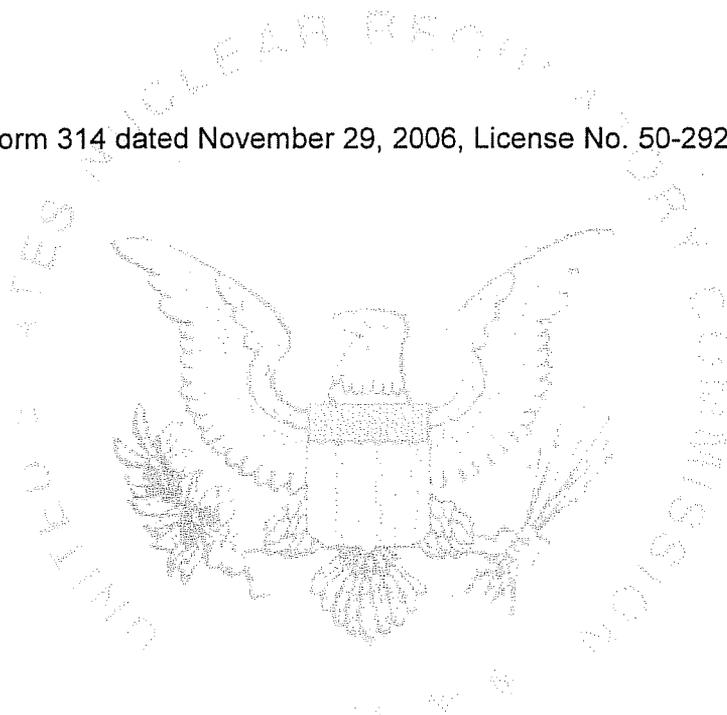
Docket or Reference Number

030-37006

Amendment No. 01

Design Alaska, Inc.
ATTN: Linda L. Taylor, P.E.
Radiation Safety Officer
601 College Road
Fairbanks, Alaska 99701

In accordance with NRC Form 314 dated November 29, 2006, License No. 50-29210-01 is hereby terminated.



FOR THE U.S. NUCLEAR REGULATORY COMMISSION

Date: November 29, 2006By: 

Roberto J. Torres, Senior Health Physicist
Nuclear Materials Licensing Branch
Region IV
Arlington, Texas 76011

BUSINESS HISTORY

Design Alaska is a State of Alaska Professional Corporation licensed by the Board of Architects, Engineers, and Land Surveyors, Alaska Corporate License No. 511 and holds Alaska Business License AK BL 22463. Since inception in 1957, the firm's corporate office has been located at 601 College Road in Fairbanks, Alaska. Design Alaska is a federally and state qualified large business. The firm is a multi-discipline organization wholly owned by resident Fairbanks employees and is comprised of 65 resident Alaskan professionals, technicians, and administrative staff. The firm has a 53-year history of providing architecture, engineering, and land surveying services throughout Alaska. During these years the firm has established a reputation for stability, quality services, and satisfied clients. The firm has available sufficient resources offered by fully staffed land surveying; architecture; mechanical, electrical, civil, structural, and environmental engineering departments. From many years of working closely together, the Design Alaska in-house team has become respected for the quality of its integrated design services. This enables Design Alaska to provide timely service on this contract for the DNR's Division of Mining, Land, and Water office.

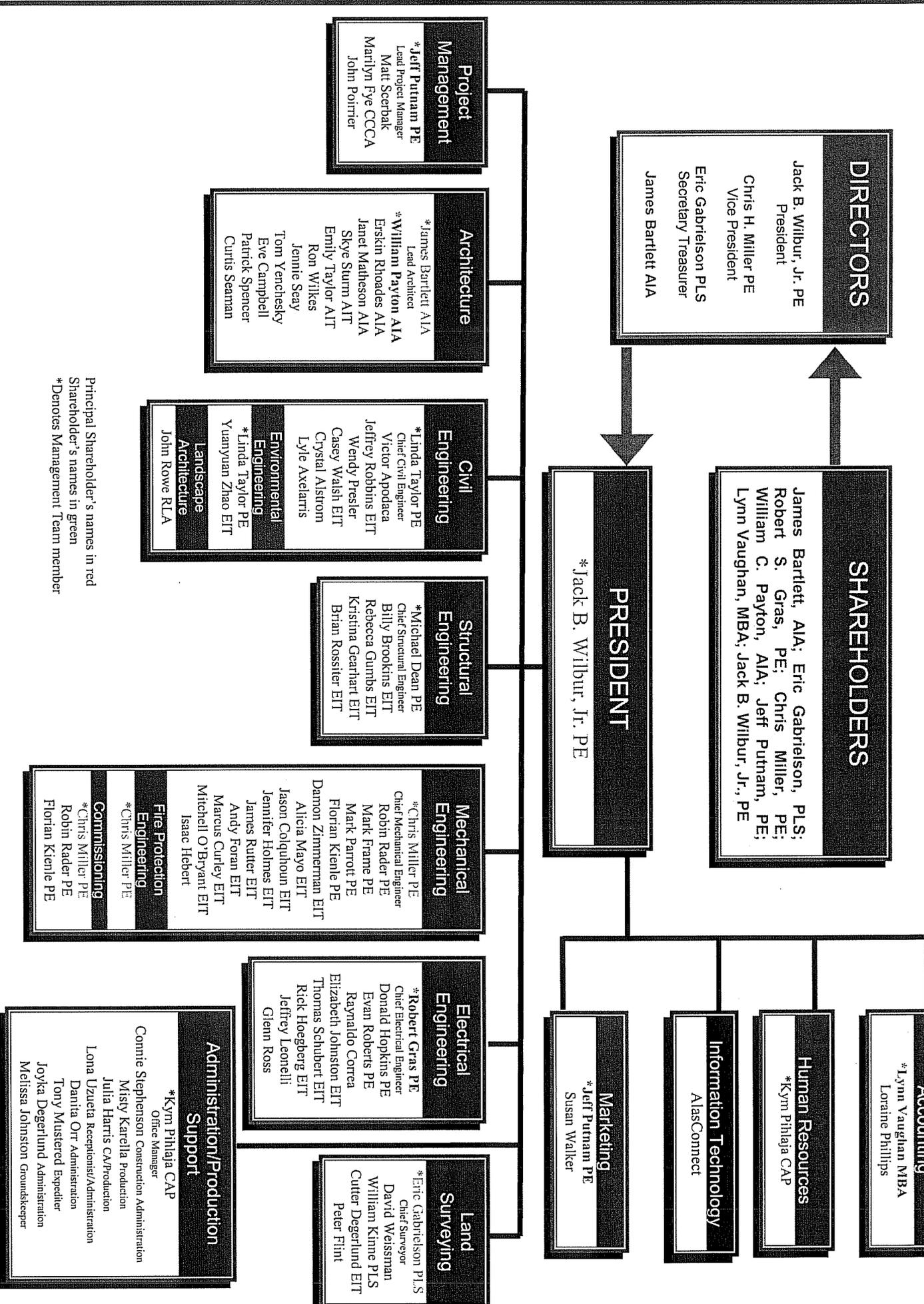
Design Alaska is a large business, incorporated in Alaska, and owned by resident Fairbanks employees. The firm has a 53-year heritage of providing design and construction administration services for a wide variety clients including: City, Borough, State, and Federal Government Departments; Department of Defense; Universities; School Districts; and private sector companies. During these years, the firm has established a record of stability, quality services, and satisfied clients.

Design Alaska's in-house staff of 65 people provides professional services in the following disciplines: Architecture; Civil, Structural, Mechanical, Fire Protection, Electrical, and Environmental Engineering; Environmental Permitting; and Surveying. Design Alaska has specific experience with the following services throughout the state of Alaska:

- Architectural and Engineering Design
- Historic Architecture
- Building Code Analysis
- Building Condition Assessments
- Building Information Modeling (BIM)
- Construction Documents and Specifications
- LEED Design and USGBC certification
- Renewable Energy Systems
- Sustainable Design
- Americans with Disabilities Act Analysis and Design
- Architectural Barriers Act Accessibility Standards (ABBAS)
- Site and Master Planning
- Environmental Permitting
- Life Cycle Costing and Energy Analysis
- Cadastral, Control, and Design Survey
- Regulatory Compliance
- Facility Commissioning
- Arctic Engineering and Seismic Design
- Fire Protection Engineering
- Roofing Design
- Construction Administration
- Cost Estimating
- Hazardous Materials Investigation (lead/asbestos)
- Transportation and Traffic Engineering

Design Alaska, Inc.

As of 01 November 2010



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Chris H. Miller PE
Vice President
Eric Gabrielson PLS
Secretary Treasurer
James Bartlett AIA

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William C. Payton, AIA; Jeff Putnam, PE;
Lynn Vaughan, MBA; Jack B. Wilbur, Jr., PE

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Marilyn Eye CCCA
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William Kime PLS
Cutter Degerlund EIT
Peter Flint

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*Jeff Putnam PE
Susan Walker

Information Technology

AlasConnect

Human Resources

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Accounting

*Lynn Vaughan MBA
Loraine Phillips

Administration/Production Support

*Kym Pihlaja CAP
Office Manager
Connie Stephenson Construction Administration
Misty Karella Production
Julia Harris CA/Production
Lona Uzueta Receptionist/Administration
Dania Orr Administration
Tony Mustered Expediter
Joyka Degerlund Administration
Melissa Johnston Groundskeeper

Principal Shareholder's names in red
Shareholder's names in green
*Denotes Management Team member

2-11-2011
DATE

This is to acknowledge the receipt of your letter/application dated 12-30-2010, and to inform you that the initial processing, which includes an administrative review, has been performed.

There were no administrative omissions. Your application will be assigned to a technical reviewer. Please note that the technical review may identify other omissions or require additional information.

Please provide to this office within 30 days of your receipt of this card:

The action you requested is normally processed within 90 days.

A copy of your action has been forwarded to our License Fee & Accounts Receivable Branch, who will contact you separately if there is a fee issue involved.

Your action has been assigned **Mail Control Number** 574324.
When calling to inquire about this action, please refer to this mail control number.
You may call me at 817-860-8103.

Sincerely,

Colleen Murnahan
Licensing Assistant

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM LTS

Program Code: 03122
Status Code: Pending New
Fee Category: 3P
Exp. Date:
Fee Comments:
Decom Fin Assur Req:

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: DESIGN ALASKA
Received Date: 01/31/2011
Docket Number: 3038413
Mail Control Number: 574324
License Number:
Action Type: New License, existing licensee

2. FEE ATTACHED

Amount: \$200 + 1200
Check No.: 349314 34774

3. COMMENTS

Signed: *Colleen Murnahan*
Date: 1-31-2011

B. LICENSE FEE MANAGEMENT BRANCH (Check when milestone 03 is entered 1 1)

1. Fee Category and Amount: _____

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

Amendment: _____
Renewal: _____
License: _____

3. OTHER _____

Signed: _____
Date: _____

ADSKY, LUK.
ege Rd.
SS, AK 99701

receipt



7009 0960 0000 4441 0851

RECEIVED

JAN 18 2011

DNMS

U.S. Nuclear Regulatory Commission
Region IV

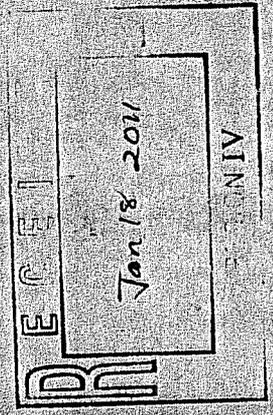
612 E. Lamar Blvd, Suite 400
Arlington, TX 76011-4125

Attn: New License Processing

UNITED STATES POSTAGE
PITNEY BOWES
02 1P \$ 000.440
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Design Alaska, Inc.
601 College Rd.
Fairbanks, AK 99701



- Certified
- with return receipt

RECEIVED
JAN 18 2011
DNMS

U.S. Nuclear Regulatory Comm
Region IV
612 E. Lamar Blvd., Suite 40
Arlington, TX 76011-4125

Attn: New License Processing

