

1372 Derrick Drive

April 8, 2013

Nuclear Materials Licensing Branch U.S. Nuclear Regulatory Commission, Region IV 612 E. Lamar Boulevard, Suite 400 Arlington, TX 76011-4125



Gentlemen:

Attached please find NRC Form 313, Application for Materials License, for Hedquist Construction, Inc., and check no. 30487 in the amount of \$1500.00, license fee.

Hedquist Construction respectfully requests that you expedite this application if possible. Our paving season is short and we would appreciate being able to begin operations as soon as we have obtained the appropriate license.

Thank you for your consideration.

Sincerely,

Hedquist Construction, Inc.

Shawna Halasz

Project Coordinator

☐ Immediate Release

Normal Release

NON-PUBLIC

☐ A.3 Sensitive-Security Related

☐ A.7 Sensitive Internal

Shawnak hedguistonstruction.

__ Date: 04/16/13

NRC FORM 313

U.S. NUCLEAR REGULATORY COMMISSION APPROVED BY OMB: NO. 3150-0120

EXPIRES: 3/31/2012

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

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 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.		
INSTRUCTIONS: SEE THE APPROPRIATE LICENSE APPLICATION G SEND TWO COPIES OF THE ENTIRE COMPLETED A	SUIDE FOR DETAILED INSTRICTIONS FOR COMPLETING APPLICATION. APPLICATION TO THE NRC OFFICE SPECIFIED BELOW.		
APPLICATION FOR DISTRIBUTION OF EXEMPT PRODUCTS FILE APPLICATIONS WITH:	IF YOU ARE LOCATED IN:		
OFFICE OF FEDERAL & STATE MATERIALS AND ENVIRONMENTAL MANAGEMENT PROGRAMS DIVISION OF MATERIALS SAFETY AND STATE AGREEMENTS U.S. NUCLEAR REGULATORY COMMISSION	ILLINOIS, INDIANA, IOWA, MICHIGAN, MINNESOTA, MISSOURI, OHIO, OR WISCONSIN, SEND APPLICATIONS TO:		
WASHINGTON, DC 20555-0001 ALL OTHER PERSONS FILE APPLICATIONS AS FOLLOWS:	MATERIALS LICENSING BRANCH U.S. NUCLEAR REGULATORY COMMISSION, REGION III APR 1 2 2013 2443 WARRENVILLE ROAD, SUITE 210 LISLE, IL 60532-4352		
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:	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:		
LICENSING ASSISTANCE TEAM DIVISION OF NUCLEAR MATERIALS SAFETY U.S. NUCLEAR REGULATORY COMMISSION, REGION I 475 ALLENDALE ROAD KING OF PRUSSIA, PA 19408-1415	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. NUCLEA MATERIAL IN STATES SUBJECT TO U.S.NUCLEAR REGULATORY COMMISSION JURISDIC			
THIS IS AN APPLICATION FOR (Check appropriate item)	2. NAME AND MAILING ADDRESS OF APPLICANT (Include ZIP code)		
A. NEW LICENSE	Hedquist Construction, Inc. PO Box 1870		
B. AMENDMENT TO LICENSE NUMBER	Mills WY 82644		
C. RENEWAL OF LICENSE NUMBER	111110 111 02011		
3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED	4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION		
1372 Derrick Dr.	Dan Watson		
Casper WY 82604	TELEPHONE NUMBER		
	307 258 0941 cell		
A.	307_237-8543_office		
SUBMIT ITEMS 5 THROUGH 11 ON 8-1/2 X 11" PAPER. THE TYPE AND SCOPE OF INFORMA			
RADIOACTIVE MATERIALElement and mass number; b. chemical and/or physical form; and c. maiximum 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 3. P. AMOUNT ENCLOSED \$ 1500.00		
13. CERTIFICATION. (Must be completed by applicant) THE APPLICANT UNDERSTANDS THA UPON THE APPLICANT.			
CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, CORRECT TO THE BEST OF THEIR KNOWLEDGE AND BELIEF.	,		
ANY DEPARTMENT OR AGENCY OF THE UNITED STATES AS TO ANY MATTER WITHIN			
certifying officer-typed/PRINTED NAME AND TITLE Craig P. Hedquist, Vice President	SIGNATURE 4/8/13		
	USE ONLY		
	CK NUMBER COMMENTS		
APPROVED BY DATE	M 580397		

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
xx		Cesium-137	Sealed source manufacturer or distributor and model number: Troxler 3450 Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes OKX Specific description of the gauge use: for measment of physical properties of materia	O Not applicable Uses are: (Submit safety analysis supporting safe use)
xx		Americium- 241	Sealed source manufacturer or distributor and model number: Troxler 3450 Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes tx Specific description of the gauge use: for meas- ment of physical properties of materia	O Not applicable O Uses are: (Submit safety analysis supporting safe use)

- 5a. Element and mass number
 - A. Cesium-137
 - B. Americium-241
- 5b. Chemical and/or physical form
 - A. sealed source Troxler DWG 102112
 - B. sealed source Troxler DWG 102451
- 5c. Max amount that will be possessed at one time
 - A. No single source to exceed 9 mci
 - B No single source to exceed 44 mci
- 7. Individual resposible for radiation safety program and their training and experience

Dan R Watson

The RSO is responsible for ensuring the following:

Licensed activities that the RSO considers unsafe are stopped.

Possession, sue, storage and maintenance of sources and gauges are consistent with the limitations of the license, the Sealed Source and Device Registration sheet, and manufacturer's recommendations and instructions.

Individuals using gauges are properly trained.

Gauges are properly secured.

Proper authorities are notified in case of accident, damage to gauges, fire, or theft.

Unusual occurrences involving the gauge (such as accident or damage) are investigated, root causes are identified and appropriate correct actions are taken.

Audits are performed and documented at lease annually and corrective actions are taken.

Licensed material is transported in accordance with all applicable DOT requirements

Licensed material is disposed of properly.

Up-to-date license is maintained and amendment and renewal requests are submitted in a timely manner.

Before obtaining licensed materials, the proposed RSO has successfully completed Troxlers Nuclear Gauge Safety Training Class and future RSO will have successfully completed Troxlers Nuclear Gauge Safety Training.

APPENDIX B

Yes	No	Radioisotope	Manufacturer or Distributor Model No.	Quantity	Use As Listed on SSD Certificate	Specify Other Uses Not Listed on SSD Certificate
	xx	Californium- 252	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes Specific description of the gauge use:	□ Not applicable □ Uses are: □ (Submit safety analysis supporting safe use)
	xx	Other Isotope (Specify):	Sealed source manufacturer or distributor and model number: Device manufacturer or distributor and model number:	Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate	Yes Specific description of the gauge use:	☐ Not applicable ☐ Uses are: ☐ (Submit safety analysis supporting safe use)

ITEMS 7 THROUGH 11: TRAINING AND EXPERIENCE, FACILITIES AND EQUIPMENT, RADIATION SAFETY PROGRAM, AND WASTE DISPOSAL

	Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
7.	INDIVIDUAL(S) RESPONSIBLE FOR RADIATION SAFETY PROGRAM AND THEIR TRAINING AND EXPERIENCE – RADIATION SAFETY OFFICER	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.	ď	
	ne.Dan R Watson			
8.	TRAINING FOR INDIVIDUALS WORKING IN OR FREQUENTING RESTRICTED AREAS	Before using licensed materials, authorized users will have successfully completed one of the training course 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	0
9.	FACILITIES AND EQUIPMENT	No information needs to be submitted in response to this item; key issues are addressed under "Radiation Safety Program – Public Dose" and "Radiation Safety Program – Operating and Emergency Procedures."		
10.	RADIATION SAFETY PROGRAM – AUDIT PROGRAM	The applicant is <i>not</i> required to, and should not, submit its audit program to NRC for review during the licensing phase.	Charles and Carles and Carles of	t Be Submitted oplication
10.	RADIATION SAFETY PROGRAM – TERMINATION OF ACTIVITIES	The applicant is <i>not</i> required to submit a response to the termination of activities section during the initial application. However, when the license expires when the licensee ceases operation, NRC Form 314 must be submitted.		t Be Submitted pplication
10.	RADIATION SAFETY PROGRAM – SURVEY INSTRUMENTS	We will either possess and use, or have access to and use, a radiation survey meter that meets the Criteria in the section entitled "Radiation Safety Program – Instruments" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	Øx	

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM – MATERIAL RECEIPT AND ACCOUNTABILITY	Physical inventories will be conducted at intervals not to exceed 6 months, to account for all sealed sources and devices received and possessed under the license.	Øx	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.	⊠ ×	0
10. RADIATION SAFETY PROGRAM – PUBLIC DOSE	The applicant is <i>not</i> required to submit a response to the public dose section during the licensing phase. This matter will be examined during an inspection.		ot Be Submitted oplication
10. RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES	We will implement and maintain the operating, emergency and security procedures in Errata: 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.	٥	
	Operating and emergency procedures will be developed, implemented, and maintained and will meet the criteria in the section entitled "Radiation Safety Program – Operating and Emergency Procedures" in NUREG-1556, Vol. 1, Rev. 1, dated November 2001.	□kx	
10. RADIATION SAFETY PROGRAM – LEAK TEST	Leak tests will be performed at intervals approved by NRC or an Agreement Sate and specified in the Sealed Source and Device Registration Sheet. Leak tests will be performed by an organization authorized by NRC or an Agreement State to provide leak testing services for other licensees or using a leak test kit supplied by an organization authorized by NRC or an Agreement State to provide leak test kits to other licensees and according to the kit supplier's instructions.	OXX	The information in Appendix J supporting a request to perform leak testing and sample analysis is attached.

Item No. And Title	Suggested Response	Yes	Alternative Procedures Attached
10. RADIATION SAFETY PROGRAM – MAINTENANCE	Routine Cleaning and Lubrication We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions.	дкх	0
	Non-Routine Maintenance We will send the gauge to the manufacturer or other person authorized by NRC or an Agreement State to perform non-routine maintenance or repair operations that require the removal of the source or source rod from the gauge.	Gxx	The information listed in Appendix G supporting a request to perform non-routine maintenance in-house is attached.
10.RADIATION SAFETY PROGRAM – TRANSPORTATION	The applicant is <i>not</i> required to submit its response to transportation during the licensing process. However, this issue will be reviewed during inspection.		ot Be Submitted
11. WASTE MANAGEMENT – GAUGE DISPOSAL AND TRANSFER	The applicant is <i>not</i> required to submit a response to waste management during the licensing process. However, the licensee should develop, implement, and maintain gauge transfer and disposal procedures in its radiation protection program.		ot Be Submitted oplication

Torres, RobertoJ

From:

Torres, RobertoJ

Sent: To:

Wednesday, April 17, 2013 3:57 PM 'shawna@hedquistconstruction.com'

Subject:

Request for additional information

Attachments:

App H NUREG 1556 Vol 1-errata.pdf; NRC526 Small Entity Certificate.pdf;

NUREG1556v1r1.pdf

Mr. Craig P. Hedquist:

The Nuclear Regulatory Commission (NRC) has received your application for a new license for the use of radioactive material contained in portable gauges. Please provide the following information in a signed and dated letter in company letterhead. Indicate in your letter that you are providing a response under mail control 580397.

- 1. Indicate if your company has ever had an NRC or Agreement State license for the possession and use of portable gauges. Provide copy of the license if applicable.
- 2. Indicate if you have been a previous authorized user or RSO of a portable gauge license working under an NRC or Agreement State portable gauge licensee. State years of work experience as a portable gauge user with another company, and company name and lightness number, if applicable.
- Provide copy of your company business license and/or registration with the State of Wyoming.
- 4. Provide copies of proof of business insurance, felleral tax identification number, professional licenses, and/or drivers license.
- Provide company website address, if applicable.
- 6. Provide the names of all the owners of the company and contact information. Provide an organization chart with individual's names and positions.
- 7. Describe the security of the proposed storage local on for the portable gauges. Provide diagram with dimensions. Diagram should include storage location or the gauges. Indicate if location of use is a residence or a business location.
- 8. Submit your training certificate as RSO and/or gauge user. Submit training certificate for all other gauge users.
- 9. Indicate how many gauges (state manufacturer's name and model number) you want authorized in the NRC license.
- 10. Request "authorization to perform work at tempora job sites in NRC jurisdiction".
- requirements for portable gauges containing byproduct naterial. Revised 10 CFR 30.34 now requires that "each portable gauge licensee shall use a minimum of barriers to secure portable gauges from unauthorized hoval, whenever portable gauges are not under the control and constant surveillance of the licensee" (i.e., when not in use). Guidance on these security procedures is provided in revised Appendix H of NURE 1556, Volume 1, rev. 1 (see attachment). Commit to the following language: "We will implement and main in the "Operating, Emergency, and Security Procedures" in the errata sheet to Appendix H of N EG-1556, Volume 1, Revision 1, and provide copies of these procedures to all gauge users and a pach job site."

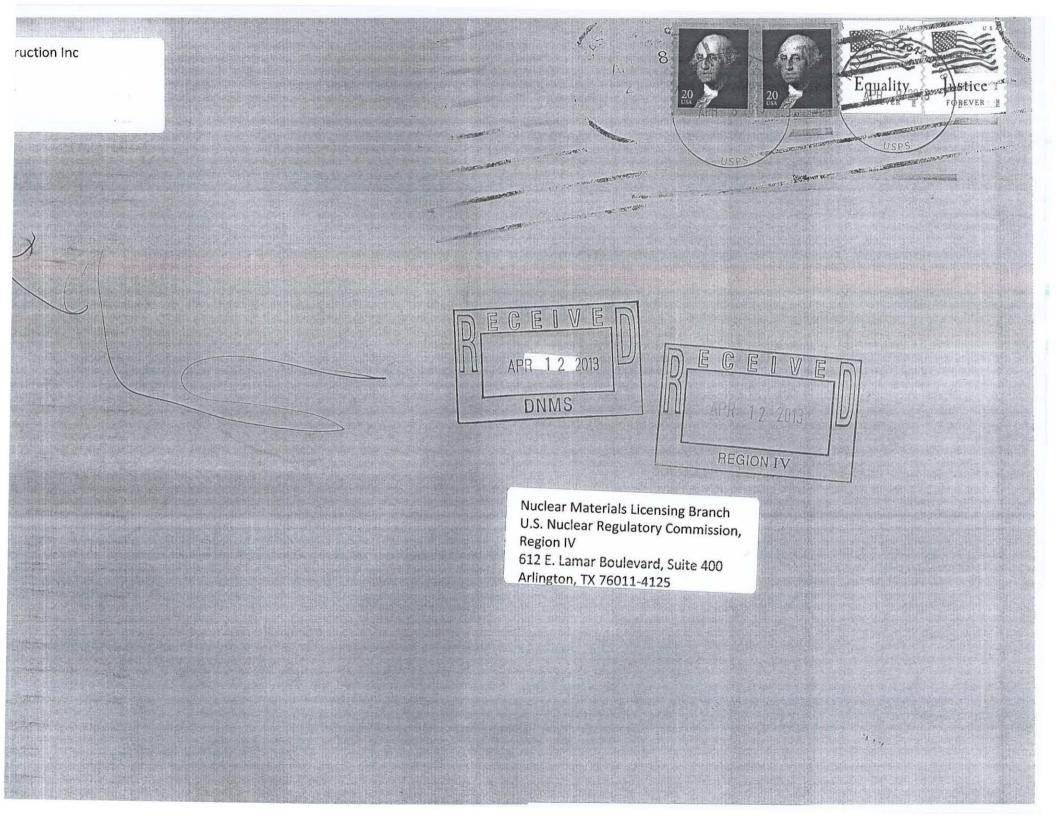
11. Please note that 10 CFR 30.34, Terms and Condit as of Licenses, was revised to enhance the security o independent physical controls that form tangible

Mail the response to:

US NRC Region IV ATTN: DNMS Licensing Assistant 1600 East Lamar Boulevard Arlington, TX 76011-4511

Notes:

- a) Every year your company will be billed \$4,900 to maintain the license active. However, if your company qualifies as a small business entity your company can pay a reduced annual fee of \$500 or \$2,300 by submitting every year NRC Form 526 with your annual fee invoice and annual fee payment. Form 526 is attached for your information only. YOU DO NOT NEED TO SUBMIT THIS FORM TO THE NRC NOW. If you have any additional questions related to fees or small business entity status, please call Rosalyn Jones at 301-415-7300 or by email at rosalyn.jones@nrc.gov.
- b) Attached for future reference and use is NRC licensing guidance for portable gauges (NUREG-1556, Volume 1, revision 1). This licensing guidance needs to be used instead of the Troxler licensing guidance.





DATE

04/1	6/2013
NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE	LICENSE NUMBER
	49-35060-01
Hedquist Construction	MAIL CONTROL NUMBER
ATTN: Dan Watson P.O. Box 1870	580397
Mills, WY 82644	LICENSING AND/OR TECHNICAL REVIEWER
	cmurnahan Cur
This is to acknowledge the receipt of your:	
✓ LETTER and/or ✓ APPLICATION	DN DATED: 04/08/2013
The initial processing, which included an administra	tive 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 above. Your application is deemed timely filed, and final action has been taken by this office.	* *
Your application for a new NRC license did not inc Please fill out NRC Form 531, located at the follow	A
http://www.nrc.gov/reading-rm/d	loc-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 Lice our Headquarters office in Rockville, MD. You will involved.	be contacted separately if there is a fee issue
Your application has been assigned the above listed calling to inquire about this action, please refer to the been forwarded to a technical reviewer. Please no normally completed within 180 days for a renewal may identify additional omissions or require addition concerning the processing of your application, our	ed MAIL CONTROL NUMBER. When this control number. Your application has tote that the technical review, which is application (90 days for all other requests), and information. If you have any questions
Region IV A LA REGIO MONTANCE U. S. Nuclear Regulatory Com DNMS/NMSB - B 1600 E. Lamar Blvd. Arlington, TX 76011-4511	

NRC FORM 532 (1-2012)

(817) 200-1103 or (817) 200-1140

regnail to licensee 4/16/13

BETWEEN:

Accounts Receivable/Payable Regional Licensing Branches

[FOR ARPB USE] INFORMATION FROM WBL

Program Code: 03/2/ Status Code: Pending New

Fee Category: Exp. Date: Fee Comments: Decom Fin Assur Reqd:

A. REGION	orksheet - License Fee Transmittal
1. APPLICATION ATTA	CHED
Applicant/Licensee:	Hedquist Construction
Received Date:	04/12/2013
Docket Number:	3038637
Mail Control Number:	580397
License Number:	49-35060-01
Action Type:	New License, new licensee
2. FEE ATTACHED	East Marian
Amount: \$ 150	0.00
Check No.: 304	187
B. COMMENTS	
	Signed: College Durnahan
	Date: 4-12-13
B. LICENSE FEE MANA	GEMENT BRANCH (Check when milestone 03 is entered / /
Fee Category and A	
1. Fee outegory and 7.	
. Correct Fee Paid. App	olication may be processed for:
Amendment:	
Renewal:	
License:	
OTHER	
	Signed:
	Date: