



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 Information Services Branch (T-5 F53), U.S. Nuclear Regulatory Commission, Washington, DC 20555-0001, or by internet e-mail to Infocollect.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
1600 E. LAMAR BOULEVARD
ARLINGTON, TX 76011-4511

RECEIVED

APR 30 2013

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

50-21252-01

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

DOWL HKM
4041 B Street
Anchorage, Alaska 99503

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

4040 B Street
Anchorage, Alaska 99503

PUBLIC

- ☐ Immediate Release
☒ Normal Release

NON-PUBLIC

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

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

David L. Andersen

BUSINESS TELEPHONE NUMBER
(907) 562-2000

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS EMAIL ADDRESS
dandersen@dowlhkm.com

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.

Reviewer: [Signature] Date: 5/6/13

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

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

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

10. RADIATION SAFETY PROGRAM.

9. FACILITIES AND EQUIPMENT.

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, 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

David L. Andersen, P. E.

SIGNATURE

[Signature]

DATE

4/22/13

FOR NRC USE ONLY

| TYPE OF FEE | FEE LOG | FEE CATEGORY | AMOUNT RECEIVED | CHECK NUMBER | COMMENTS |
|-------------|---------|--------------|-----------------|--------------|----------|
| | | | \$ | | |
| 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 |
|-----|----|---------------|--|---|---|---|
| | | Cesium-137 | Sealed source manufacturer or distributor and model number: <u>Troxler 3450, 3440</u> <u>3231, 3411</u> Device manufacturer or distributor and model number: <u>Troxler 3440, 3450</u> <u>3231, 3411</u> | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <u>Gauges will be used for the purposes described in their respective SSD Registration Sheet</u> | <input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use) |
| | | Americium-241 | Sealed source manufacturer or distributor and model number: <u>Seagman C-200</u> <u>Troxler 3440, 3450</u> <u>3231, 3411</u> Device manufacturer or distributor and model number: <u>Troxler 3440, 3450</u> <u>3231, 3411</u> <u>Seagman C-200</u> <u>C-300</u> | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes <input checked="" type="checkbox"/> Specific description of the gauge use: <u>same as above</u> | <input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: (Submit safety analysis supporting safe use) |

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 |
|---|----|--------------------------|---|---|---|--|
| | | Californium-252 | Sealed source manufacturer or distributor and model number: <u>NONE</u> Device manufacturer or distributor and model number: <u>NONE</u> | Not to exceed either the maximum activity per source or maximum activity per device as specified in Sealed Source and Device Registration Certificate | Yes <input type="checkbox"/> Specific description of the gauge use: _____ _____ _____ _____ _____ | <input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use) |
| | | 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 <input type="checkbox"/> Specific description of the gauge use: _____ | <input type="checkbox"/> Not applicable <input type="checkbox"/> Uses are: _____ (Submit safety analysis supporting safe use) |
| Financial Assurance Required and Evidence of Financial Assurance Provided | | | | | | |

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 Name: <u>DAVID L. ANDERSEN</u> | 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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." | Separate Item 9 Response Need Not Be Submitted With Application | |
| 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. | Need Not Be Submitted With Application | |
| 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. | Need Not Be Submitted With Application | |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |

APPENDIX B

| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 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. | Need Not Be Submitted With Application | |
| 10. RADIATION SAFETY PROGRAM – OPERATING AND EMERGENCY PROCEDURES | <p>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.</p> <p style="text-align: center;">OR</p> <p>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.</p> | <input type="checkbox"/> <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| 10. RADIATION SAFETY PROGRAM – LEAK TEST | Leak tests will be performed at intervals approved by NRC or an Agreement State 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> 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 | <i>Routine Cleaning and Lubrication</i> We will implement and maintain procedures for routine maintenance of our gauges according to each manufacturer's recommendations and instructions. | <input checked="" type="checkbox"/> | <input type="checkbox"/> |
| | <i>Non-Routine Maintenance</i> 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. | <input checked="" type="checkbox"/> | <input type="checkbox"/> 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. | Need Not Be Submitted With Application | |
| 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. | Need Not Be Submitted With Application | |

first class



DOWL HKM

RECEIVED

APR 30 2013

4041 B Street ■ Anchorage, Alaska 99503 ■ www.dowlhkm.com

580549

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





DATE

05/01/2013

NAME AND ADDRESS OF APPLICANT AND/OR LICENSEE

DOWL, LLC
ATTN: David Andersen, P.E.
4041 B Street
Anchorage, AK 99503

LICENSE NUMBER

50-21252-01

MAIL CONTROL NUMBER

580549

LICENSING AND/OR TECHNICAL REVIEWER

cmurnahan

cm

This is to acknowledge the receipt of your:

☐ LETTER and/or ☒ APPLICATION

DATED: 04/22/2013

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 Blvd.
Arlington, TX 76011-4511
(817) 200-1103 or (817) 200-1140

BETWEEN:

Accounts Receivable/Payable
and
Regional Licensing Branches

[FOR ARPB USE]
INFORMATION FROM WBL

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

License Fee Worksheet - License Fee Transmittal

A. REGION

1. APPLICATION ATTACHED

Applicant/Licensee: DOWL, L.L.C.
Received Date: 04/30/2013
Docket Number: 3020103
Mail Control Number: 580549
License Number: 50-21252-01
Action Type: Renewal

2. FEE ATTACHED

Amount: _____

Check No.: _____

3. COMMENTS

Signed: _____

Colleen Munnahan

Date: _____

5-1-2013

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: _____