

NRC FORM 313

(07-2015)

10 CFR 30, 32, 33, 34,
35, 36, 37, 39, and 40

U.S. NUCLEAR REGULATORY COMMISSION

APPLICATION FOR MATERIALS
LICENSE

APPROVED BY OMB: NO. 3150-0120

EXPIRES: 08/31/2015

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
1600 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

SUA-1597

☐ C. RENEWAL OF LICENSE NUMBER

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

Uranerz Energy Corporation
PO Box 50850
Casper, WY 82605-0805

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Uranerz Energy Corporation
485 Red Springs Road
Linch, WY 82640

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Michael P. Thomas

BUSINESS TELEPHONE NUMBER
(307) 265-8900

BUSINESS CELLULAR TELEPHONE NUMBER

BUSINESS EMAIL ADDRESS
mthomas@energyfuels.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.

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

2.A.(2)

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 P. Thomas Vice President Regulatory and Public Affairs

SIGNATURE

DATE

8-3-2015

FOR NRC USE ONLY

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

**NICHOLS RANCH ISR PROJECT
SOURCE MATERIALS LICENSE APPLICATION**

**NRC Form 313 Attachment
Items 5 Through 11**

Applicant:

Uranerz Energy Corporation
PO Box 50850
1701 East E Street
Casper, WY 82605-0850

5. RADIOACTIVE MATERIAL

a) Element and Mass Number:

Uranium – U natural (U_{238} , U_{234} , U_{235})

b) Chemical and/or Physical Form:

Chemical Form – $UO_4 \cdot 4H_2O$
Solution of 0 to 50 grams/liter
Dried Yellowcake – 50% to 80% U

c) Maximum Amount Which Will Be Possessed At Any One Time:

Unlimited

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

Fuel for the generation of electricity from nuclear power plants

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

Individual: Aaron Linard – RSO

Experience: 3 years of uranium ISR operations including 2+ years as uranium ISR RSO. Bachelor of Science, Health Physics. Approved as RSO through License Condition 9.4 for SUA-1597 on December 10, 2013.

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

Information regarding this subject is provided in detail in Chapter 5 of the Nichols Ranch ISR Project, Source Material License Application, Technical Report.

9. FACILITIES AND EQUIPMENT:

Information on the Nichols Ranch ISR Project Facilities and Equipment is provided in detail in Chapter 3 of the Nichols Ranch ISR Project, Source Material License Application, Technical Report.

10. RADIATION SAFETY PROGRAM:

Information on the Nichols Ranch ISR Project Radiation Safety Program is provided in detail in Chapter 5 of the Nichols Ranch ISR Project, Source Material License Application, Technical Report.

11. WASTE MANAGEMENT:

Information on this subject is provided in detail in Chapter 4 of the Nichols Ranch ISR Project, Source Material License Application, Technical Report.

From: [Dawn Kolkman](#)
To: [Brown, David](#)
Cc: [Michael Thomas](#); [Tracy Hanna](#)
Subject: [External_Sender] RE: RE: RE: Uranerz Response to RAI Proposal to Train Plant Operators
Date: Monday, August 03, 2015 4:21:35 PM
Attachments: [3Aug15 Form 313 addtl info.pdf](#)

Dave,

Attached is a completed Form 313 and Attachment Items 5 through 11. This attachment should have accompanied the submittal for HP Designee (TAC J00727) sent on July 30, 2015.

Please let me know if you have any questions about the information submitted.

Thank You

Dawn Kolkman
Permitting Manager



Uranerz Energy Corporation
(an Energy Fuels Company)

t: 307.2658900 | c: 307.351.9165 | f: 307.265-8904
1701 East "E" Street
Casper, WY 82601

<http://www.energyfuels.com>

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From: Brown, David [mailto:David.Brown@nrc.gov]
Sent: Monday, August 03, 2015 10:33 AM
To: Dawn Kolkman <dkolkman@energyfuels.com>
Subject: RE: RE: RE: Uranerz Response to RAI Proposal to Train Plant Operators

Dawn,
Just the completed Form 313 by e-mail would be fine.

Dave

From: Dawn Kolkman [mailto:dkolkman@energyfuels.com]
Sent: Monday, August 03, 2015 12:22 PM
To: Brown, David
Subject: [External_Sender] RE: RE: Uranerz Response to RAI Proposal to Train Plant Operators

Dave – can I just send the Form 313 or do you prefer I resubmit the entire package in total?

Thank You

Dawn Kolkman

Permitting Manager



Uranerz Energy Corporation
(an Energy Fuels Company)

t: 307.2658900 | c: 307.351.9165 | f: 307.265-8904
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From: Brown, David [<mailto:David.Brown@nrc.gov>]

Sent: Monday, August 03, 2015 6:36 AM

To: Dawn Kolkman <dkolkman@energyfuels.com>

Cc: Michael Thomas <mthomas@energyfuels.com>; Tracy Hanna <thanna@energyfuels.com>; Linton, Ron <Ron.Linton@nrc.gov>

Subject: RE: RE: Uranerz Response to RAI Proposal to Train Plant Operators

Dawn,

The current version of Form 313 is available at <http://www.nrc.gov/reading-rm/doc-collections/forms/nrc313info.html>. Please use a current version that hasn't expired (see upper right hand corner of the form).

For answer 5.b) Chemical and/or Physical Form, please identify the correct chemical form of your final product (uranyl peroxide), which you specified on Technical Report p. TR-169 as $\text{UO}_4 \cdot 4\text{H}_2\text{O}$. This is a different mineral/form than U_3O_8 .

I'm available this morning if you have questions.

Dave
(301) 415-7677

From: Dawn Kolkman [<mailto:dkolkman@energyfuels.com>]

Sent: Friday, July 31, 2015 12:05 PM

To: Brown, David; Tracy Hanna; Linton, Ron

Cc: Michael Thomas

Subject: [External_Sender] RE: Uranerz Response to RAI Proposal to Train Plant Operators

David – I'm in –if you have time give me a holler. Mike had filled one out and completed but I forgot to include it – my fault.

Thanks

Dawn Kolkman

Permitting Manager



Uranerz Energy Corporation
(an Energy Fuels Company)

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From: Brown, David [<mailto:David.Brown@nrc.gov>]
Sent: Friday, July 31, 2015 8:04 AM
To: Tracy Hanna <thanna@energyfuels.com>; Linton, Ron <Ron.Linton@nrc.gov>
Cc: Dawn Kolkman <dkolkman@energyfuels.com>; Michael Thomas <mthomas@energyfuels.com>
Subject: RE: Uranerz Response to RAI Proposal to Train Plant Operators

Tracy and Dawn,
Thank you. I am working on the amendment now. However, I noticed a completed Form 313 is not included in this file. Will the hard copy include Form 313? If not, let's discuss the Form before you resubmit. It is important that it be completed properly.

Dave

From: Tracy Hanna [<mailto:thanna@energyfuels.com>]
Sent: Thursday, July 30, 2015 6:12 PM
To: Linton, Ron; Brown, David
Cc: Dawn Kolkman; Michael Thomas
Subject: [External_Sender] Uranerz Response to RAI Proposal to Train Plant Operators

Good afternoon,

Attached, you will find a courtesy copy of Uranerz Energy Corporation's Response to NRC Request for Additional Information, July 14, 2015, Proposal to Train Plant Operators and other Suitable Personnel to Perform Daily Inspections, Source Materials License SUA-1597, Docket No, 40-9067. A hard copy has been mailed to the address listed on the cover page. If you have any questions, please contact Mike Thomas at 307-265-8900 / mthomas@energyfuels.com or Dawn Kolkman at 307-265-8900 / dkolkman@energyfuels.com.

Thank you,



Tracy Hanna

Regulatory Assistant

Uranerz Energy Corporation
(an Energy Fuels Company)

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