

COLORADO OFFICE  
10758 W. CENTENNIAL RD., STE. 200  
LITTLETON, CO 80127  
TEL: (866) 981-4588  
FAX: (720)-981-5643



WYOMING OFFICE  
5880 ENTERPRISE DR., STE. 200  
CASPER, WY 82609  
TEL: (307) 265-2373  
FAX: (307) 265-2801

## LOST CREEK ISR, LLC

March 20, 2008

ATTN: Document Control Desk  
Charles L. Miller, Director  
Office of Federal and State Materials and Environmental Management Programs  
U.S. Nuclear Regulatory Commission  
Washington, DC 20555-0001

Re: Submittal of License Application for the Lost Creek ISR Project  
Docket No. 40-9068  
TAC No. LU0142

Dear Mr. Miller,

Lost Creek ISR, LLC, with this letter, is submitting the completed NRC Source Material License Application to your office for review and approval.

To support this submittal, Lost Creek ISR, LLC is submitting a Form 313, "Application for Material License" and three copies of the following supporting information:

### Technical Report (five binders):

- Volume 1** Contains seven sections that include an Introduction to the Technical Report as well as the first six sections of the chapter on Site Characterization.
- Volume 2** Contains four sections that complete the chapter on Site Characterization.
- Volume 3** Contains eight sections that include the following: Description of the Proposed Facility, Effluent Control Systems, Operational Organization, Restoration/Reclamation, Environmental Effects, Alternatives, Cost-Benefit Analysis and Environmental Approvals.
- Volume 4** MILDOS Report including input and output data
- Appendix** Cultural Resource Inventory

### Environmental Report (four binders):

- Volume 1** Contains six sections that include an Introduction, Alternatives, and the first four sections of the chapter "Description of the Affected Environment".
- Volume 2** Contains eight sections that complete the chapter "Description of the Affected Environment".
- Volume 3** Contains 15 sections that include 13 sections from the chapter on Environmental Impacts as well as sections on Cost-Benefit Analysis and a Summary of Environmental Consequences. Also included are references and a list of preparers.

*Lost Creek ISR, LLC is a wholly-owned subsidiary of Ur-Energy Inc.*

TSX: URE  
www.ur-energy.com

NMS501

COLORADO OFFICE  
10758 W. CENTENNIAL RD., STE. 200  
LITTLETON, CO 80127  
TEL: (866) 981-4588  
FAX: (720)-981-5643



WYOMING OFFICE  
5880 ENTERPRISE DR., STE. 200  
CASPER, WY 82609  
TEL: (307) 265-2373  
FAX: (307) 265-2801

**LOST CREEK ISR, LLC**

**Appendix Cultural Resource Inventory**

Regards,

A handwritten signature in black ink, appearing to read 'Wayne W. Heili', written over a horizontal line.

Wayne W. Heili  
President

Cc: Mr. John Aronson, AATA International  
Mr. Harold Backer, Ur-Energy USA Inc.  
Mr. Bill Boberg, Ur-Energy USA Inc.  
Mr. John Cash, Ur-Energy USA Inc.  
Mr. Steve Cohen, NRC  
Dr. Ping Wang, AATA International

*Lost Creek ISR, LLC is a wholly-owned subsidiary of Ur-Energy Inc.*

TSX: URE

[www.ur-energy.com](http://www.ur-energy.com)

**NRC FORM 313**  
(10-2005)  
10 CFR 30, 32, 33,  
34, 35, 36, 39, and 40

**U.S. NUCLEAR REGULATORY COMMISSION**

**APPROVED BY OMB: NO. 3150-0120**

**EXPIRES: 10/31/2008**

Estimated burden per response to comply with this mandatory collection request: 4.4 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@nrc.gov](mailto:infocollects@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 MATERIAL 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:**

DIVISION OF INDUSTRIAL AND MEDICAL NUCLEAR SAFETY  
OFFICE OF NUCLEAR MATERIALS SAFETY AND SAFEGUARDS  
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, MISSISSIPPI, 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, 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  
611 RYAN PLAZA DRIVE, SUITE 400  
ARLINGTON, TX 76011-4005

**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)

Lost Creek ISR, LLC  
5880 Enterprise Drive #200  
Casper, WY 82609

3. ADDRESS WHERE LICENSED MATERIAL WILL BE USED OR POSSESSED

Wyoming, Sweetwater County; approximately 38 miles northwest of the town of Rawlins; centered at approximately 42 degrees, 8 minutes North Latitude and 107 degrees, 51 minutes West Longitude; See attached sheet for a more detailed location.

4. NAME OF PERSON TO BE CONTACTED ABOUT THIS APPLICATION

Mr. Wayne Heili

TELEPHONE NUMBER

(307) 265-2373

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 2A(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.

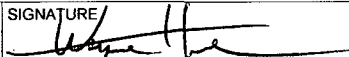
THE APPLICANT AND ANY OFFICIAL EXECUTING THIS CERTIFICATION ON BEHALF OF THE APPLICANT, NAMED IN ITEM 2, CERTIFY THAT THIS APPLICATION IS PREPARED IN CONFORMITY WITH TITLE 10, CODE OF FEDERAL REGULATIONS, PARTS 30, 32, 33, 34, 35, 36, 39, AND 40, AND THAT ALL INFORMATION CONTAINED HEREIN IS TRUE AND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

Mr. Wayne Heili, President of Lost Creek ISR, LLC

SIGNATURE



DATE

March 20, 2008

**FOR NRC USE ONLY**

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

**LOST CREEK ISR, LLC**  
**AFFIDAVIT OF WAYNE HEILI**  
**PRESIDENT OF LOST CREEK ISR, LLC**

1. My name is Wayne Heili and I am the President of Lost Creek ISR, LLC. I am authorized to execute this affidavit on behalf of Lost Creek ISR, LLC (LC ISR, LLC) and may bind LC ISR, LLC to the statements contained herein;
2. LC ISR, LLC has submitted an application to the United States Nuclear Regulatory Commission (NRC) requesting a Source Material License for its uranium recovery project in Sweetwater County Wyoming;
3. With its license application, LC ISR, LLC submitted an Environmental Report (ER) and a Technical Report (TR)), which include descriptions that qualify for withholding pursuant to 10 CFR § 2.390(a);
4. Portions of the ER and TR submitted with the LC ISR, LLC license application contain cultural resource information that LC ISR, LLC believes may be misused by unscrupulous artifact collectors to disturb archeological sites;
5. Pursuant to NRC regulations, LC ISR, LLC has labeled pages of its ER and TR that pertain to cultural resource sites with the statement "Request NRC Confidentiality;"
6. The following Sections of the LC ISR, LLC's ER and TR contain information relating to cultural sites, and LC ISR, LLC hereby requests that such pages be withheld from public disclosure:

Portions of the ER to be withheld from public disclosure:

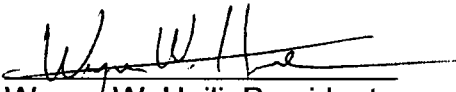
- i. Sections 3.9 thru 3.9.3;
- ii. Figure 3.9-1a Northeastern Sector of the Lost Creek block with Cultural Resource Locations;
- iii. Figure 3.9-1b Northwestern Sector of the Lost Creek block with Cultural Resource Locations;
- iv. Figure 3.9-1c Southern Sector of the Lost Creek block with Cultural Resource Locations;
- v. Table 3.9-1 Cultural Resource Summary Data;
- vi. Attachment 3.9-1 Resource Survey Report (submitted to Bureau of Land Management (BLM) and State Historical Preservation Office (SHPO));

- vii. Sections 4.8 thru 4.8.4;
- viii. Figure 4.8-1 Preferred Alternative Relative to Potential Archaeological Sites; and
- ix. Figure 4.8-2 Other Alternative Relative to Potential Archaeological Sites

Portions of the TR to be withheld from public disclosure:

- i. Sections 2.4.1 thru 2.4.1.2;
  - ii. Figure 2.4-1a Cultural Resources Northeast Section;
  - iii. Figure 2.4-1b Cultural Resources Northwest Section;
  - iv. Figure 2.4-1c Cultural Resources Southern Section;
  - v. Table 2.4-1 Cultural Resource Summary Data; and
  - vi. Attachment 2.4-1 Resource Survey Report (submitted to BLM / SHPO)
7. For the following reasons, LC ISR, LLC asserts that the aforementioned portions of its ER and TR should be withheld from public disclosure as confidential information:
- i. The data and information contained in the above-mentioned portions have been held in confidence by LC ISR, LLC. LC ISR, LLC does not provide such information to public or private entities;
  - ii. The data and information contained in the above-mentioned portions of the ER and TR are customarily held in confidence by businesses and other organizations seeking to protect information related to certain cultural resources;
  - iii. The data and information contained in the above-mentioned portions of the ER and TR are being transmitted to the Commission in LC ISR, LLC's license application in confidence. Indeed, any such data and information shown to NRC Staff were only revealed in a non-public context;
  - iv. The data and information regarding cultural resources listed in the LC ISR, LLC license application are not available in any public sources;
  - v. Release of the data and information contained in the above-mentioned portions of the ER and TR may cause substantial harm to cultural resources on public property for the following reasons:
    - a. Certain individuals may use the information to unlawfully collect cultural artifacts for personal use; and

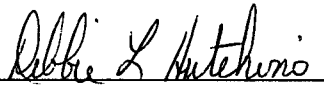
- b. SHPO, the government agency responsible for the study and protection of cultural sites and artifacts, has been issued a full report detailing the location(s) and artifact(s) discovered.
- vi. If it were to become publicly available, the cultural resource information would provide no tangible benefit to members of the public since artifacts cannot be legally collected. Therefore, withholding the data and information designated by LC ISR, LLC for confidentiality protection will not harm members of the public. However, as stated above, releasing the location of cultural resource sites could result in the theft or destruction of potentially significant cultural artifacts; and
- vii. LC ISR, LLC fully understands that withholding the designated data and information does not deprive any independent party from inspecting the confidential information under the terms of an appropriate protective order in the context of an NRC licensing hearing or other administrative proceeding.

  
 \_\_\_\_\_  
 Wayne W. Heili, President  
 Lost Creek ISR, LLC

State of Wyoming        )  
   )ss.  
 County of Natrona        )

The foregoing Affidavit was affirmed and acknowledged before me this 19<sup>th</sup> day of March, 2008, by Wayne W. Heili, as President of Lost Creek ISR, LLC, a Wyoming limited liability company.

Witness my hand and official seal.

  
 \_\_\_\_\_  
 Notary Public

My commission expires: 1/29/2012

