



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

July 18, 2007

TO: Docket File 040-09068

THROUGH: D. Blair Spitzberg, Chief */RA/*  
Fuel Cycle & Decommissioning Branch

FROM: Robert Evans, CHP, PE, Senior Health Physicist */RA/*  
Fuel Cycle & Decommissioning Branch

SUBJECT: LOST CREEK PROJECT SITE VISIT

On July 12, 2007, NRC staff conducted a site visit of the Lost Creek Project, a uranium mining claim being developed by Ur-Energy USA of Littleton, Colorado. Attached to this Memorandum is a trip report for this site visit. No regulatory issues or safety concerns were identified during the site visit.

Docket No.: 040-09068  
License No.: None

Enclosure: NRC Trip Report

bcc w/Enclosure:

LDWert  
 DBSpitzberg  
 JEWWhitten  
 LMGersey  
 RJEvans  
 JMRazo  
 DTMandeville, FSME/DWMEP/DURLD  
 SJCohen, FSME/DWMEP/DURLD  
 BVonTill, FSME/DWMEP/DURLD  
 RITS Coordinator  
 FCDB  
 RIV Nuclear Materials File - 5th Floor

SUNSI Review Completed:  RJE  ADAMS:  Yes  No Initials:  RJE   
 Publicly Available  Non-Publicly Available  Sensitive  Non-Sensitive

DOCUMENT NAME: C:\FileNet\ML072060085.wpd

final: r:\ dnms\

OFFICE	RIV:DNMS/FCDB	FSME:DWMEP	C:FCDB
NAME	RJEvans	SJCohen	DBSpitzberg
	<i>/RA/</i>	via Email <i>/RA R.J.Evans for/</i>	<i>/RA/</i>
DATE	07 / 18 / 2007	07 / 18 / 2007	/ /2007

**OFFICIAL RECORD COPY**

## NRC TRIP REPORT

### U.S. NUCLEAR REGULATORY COMMISSION REGION IV

Docket No.: 040-09068

License No.: None

Report No.: None

Licensee: Ur-Energy USA, Inc.

Facility: Lost Creek In-situ Recovery Project

Location: Sweetwater County, Wyoming

Date: July 12, 2007

Inspector: Robert Evans, PE, CHP, Senior Health Physicist  
Fuel Cycle & Decommissioning Branch

Accompanied by: Jason M. Razo, Health Physicist  
Nuclear Material Inspection Branch

Stephen J. Cohen, Project Manager  
Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental  
Management Programs

Douglas T. Mandeville, Geotechnical Engineer  
Decommissioning and Uranium Recovery Licensing Directorate  
Division of Waste Management and Environmental Protection  
Office of Federal and State Materials and Environmental  
Management Programs

Approved by: D. Blair Spitzberg, Ph.D., Chief  
Fuel Cycle & Decommissioning Branch

**ENCLOSURE**

## **NRC Trip Report**

### **Background**

By letter dated May 23, 2007, Ur-Energy USA submitted a Letter of Intent to file for a source material license. The company plans to construct an in-situ recovery facility at the Lost Creek Project site in Sweetwater County, Wyoming, to recover uranium from subsurface deposits. The target date for the license submittal is September 2007.

### **Site Status**

At the time of the site visit, the company employed four onsite workers and six offsite workers. The onsite staff included two geological engineers, a geologist, and a senior geologist. The plant design, site layout, and licensing activities were being conducted at the company's office in Casper, Wyoming.

The major activity in progress was the drilling of wells. There were four drilling rigs, each supported by three contract employees. A total of 12 contractors were onsite during the tour.

The company plans to install 128 wells, and about half of the wells had been completed. The wells include 70 uncased exploratory, ore delineation wells. The company also planned to install about 58 cased pump test and monitoring wells. In addition, there were three water supply wells and 17 previously installed monitoring wells on the site property.

The company recently installed a meteorological tower to monitor and record weather conditions at the site.

The NRC staff discussed with company officials their future plans including location of the onsite plant and timing of license submittal.

The NRC staff also discussed the status of the Lost Soldier Project, a claim located about 20 miles northeast of the Lost Creek site. The Lost Soldier site was being considered as a satellite facility for the Lost Creek plant. Currently, there are 18 wells at the Lost Soldier site: 16 monitoring wells, one water supply well, and one well installed by a previous claim owner. Activities in progress at the Lost Soldier site included engineering studies and groundwater sampling. The NRC staff conducted a limited, drive-by tour of the Lost Soldier site.

### **Ur-Energy Officials Contacted**

P. Cavendor, Environmental Manager  
S. Hatten, Engineering Manager  
W. Heili, Vice President, Mining  
D. Schippe, Geological Engineer

**ENCLOSURE**