



UNITED STATES
NUCLEAR REGULATORY COMMISSION
WASHINGTON, D.C. 20555-0001

November 17, 2015

Mr. Michael P. Thomas
Director ISR Regulatory Affairs
Uranerz Energy Corporation (an Energy Fuels Company)
P.O. Box 50850
1701 East E Street
Casper, WY 82605-0850

SUBJECT: URANERZ ENERGY CORPORATION, NICHOLS RANCH IN-SITU RECOVERY (ISR) PROJECT, SOURCE MATERIALS LICENSE SUA-1597, COMMENTS ON TECHNICAL BASIS FOR SURFACE CONTAMINATION LIMITS (LICENSE CONDITION 10.14) (TAC NO. L00797)

Dear Mr. Thomas:

By letter dated October 29, 2015, Uranerz Energy Corporation (Uranerz) provided information to the U.S. Nuclear Regulatory Commission (NRC) staff in response to a requirement in the second paragraph of License Condition (LC) 10.14 of Materials License SUA-1597 (Agencywide Documents Access and Management System (ADAMS) Accession No. ML15314A791).

The NRC staff has started its technical review and has the following comments:

1. The data in Table 1, "Natural Uranium Data Summary," and Table 2, "Th-230 Data Summary," are identical. However, the data in Table 6 indicate that average values for natural uranium and thorium-230 are different. Please correct the discrepancy.
2. The footnote marked "***" on Tables 1 through 5 appears to have been intended for the fifth column of Table 6 only. Please correct the placement of this footnote.
3. For all of the air samples, please provide the quantity of air sampled in milliliters.
4. On the last page of its letter, Uranerz requested a license amendment to remove the second paragraph of License Condition 10.14. The NRC staff's initial action will be its written verification that the requirement in the second paragraph of License Condition 10.14 is met. The subsequent removal of the second paragraph of License Condition 10.14 from the license will be addressed as an administrative action in a future license amendment.

In accordance with 10 CFR 2.390 of the NRC's "Agency Rules of Practice and Procedure," a copy of this letter will be available electronically for public inspection in the NRC Public Document Room or from the Publicly Available Records component of NRC's ADAMS. ADAMS is accessible from the NRC Web site at <http://www.nrc.gov/reading-rm/adams.html>.

M. Thomas

2

If you have any questions regarding this letter, please contact me, either by telephone at (301) 415-7777, or by e-mail at Ron.Linton@nrc.gov.

Sincerely,

/RA/

Ron C. Linton, Project Manager
Uranium Recovery Licensing Branch
Division of Decommissioning, Uranium Recovery,
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket No: 040-09067

License No: SUA-1597

cc: Mr. Miles Bennett, WDEQ

M. Thomas

2

If you have any questions regarding this letter, please contact me, either by telephone at (301) 415-7777, or by e-mail at Ron.Linton@nrc.gov.

Sincerely,

/RA/

Ron C. Linton, Project Manager
Uranium Recovery Licensing Branch
Division of Decommissioning, Uranium Recovery,
and Waste Programs
Office of Nuclear Material Safety
and Safeguards

Docket No: 040-09067

License No: SUA-1597

cc: Mr. Miles Bennett, WDEQ

DISTRIBUTION:

DPersinko

LGersey/RIV

REvans/RIV

ML15309A299

OFFICE	DUWP	DUWP	DUWP	DUWP	DUWP
NAME	DBrown	SAchten	RLinton	BVonTill	RLinton
DATE	11/16/15	11/16/15	11/17/15	11/17/15	11/17/15

OFFICIAL RECORD COPY