



March 11, 2009

Attn: Document Control Desk
Ron Linton
Project Manager
Uranium Recovery Licensing Branch
Division of Waste Management and
Environmental Protection
Office of Federal and State Materials and
Environmental Management Programs
U.S. Nuclear Regulatory Commission
Two White Flint North, MS T8F5
11545 Rockville Pike
Rockville, MD 20852

RE: Responses to the Request for Additional Information for The Nichols Ranch ISR Project License Application (TAC J00553, Docket No 040-09067)

Dear Mr. Linton,

In a letter dated September 11, 2008 the Nuclear Regulatory Commission (NRC) staff requested additional information (RAI) to complete the review of the Technical Report for the source material license application for the Uranerz Energy Corporation Nichols Ranch ISR Project. By this letter, Uranerz is submitting responses to the NRC RAI's. The responses include:

- ☞ A detail response to each RAI including reference to the applicable section of the Technical Report for those RAI responses that required revisions to be made to the Technical Report.
- ☞ 6 copies of all revised sections of the Technical Report. The revised sections include new copies of the Table of Contents, Chapters 2, 3, 4, 5, 6, and 7 and revisions to Appendix D6 contained in Volumes VI and VIa. Chapters 8, 9, 10, and 11 have also been included since page numbering has changed with those chapters, but no revisions were made to the chapters.
- ☞ A set of index sheets detailing where the new revisions pages are to replace pages in the original license application.

Additional information that was not part of the NRC RAI's has also been provided that includes revisions to Section 2.4 of the Technical Report and Section 3.8 of the Environmental Report. These revisions include the following information:

- ☞ Twelve copies (six for the Technical Report and six for the Environmental Report) of a Class III cultural resource report for the 80-acre parcel at the Hank Unit that was not previously

surveyed. These copies are contained in red confidential folders that are appropriately labeled as Addendum 2B-2 for the Technical Report and Addendum 3C for the Environmental Report.

- ☞ Six copies each of text revisions to Section 2.4 of the Technical Report and for Section 3.8 of the Environmental Report.
- ☞ Six copies of revised Exhibit 2-1 of the Technical Report. The exhibits are contained in the confidential folders (enclosed red folders).
- ☞ Six copies of revised Exhibit 3-1 of the Environmental Report. The exhibits are contained in the confidential folders (enclosed red folders).
- ☞ An affidavit for withholding the cultural resource information from public disclosure.

If you have any questions regarding the RAI response submittal, please contact me at 307-265-8900 or by email at: mthomas@uranerz.com.

Sincerely,



Mike Thomas
Environmental, Safety, and Health Manager
Uranerz Energy Corporation

Enclosures: Responses to NRC Request for Additional Information
Technical Report Revision Index Sheets
Technical Report Revisions – Table of Contents, Chapters 2, 3, 4, 5, 6, and 7 (revisions)
Technical Report – Chapters 8, 9, 10, and 11 (page numbers revised, content not revised)
Affidavit to Withhold Cultural Resource Information from Public Disclosure
Confidential Folders Containing Cultural Resource Information (Red Folders).