

June 19, 2009

Attn: Document Control Desk
Myron Fliegel, Senior Project Manager
Uranium Recovery Licensing Branch
Division of Waste Management
and Environmental Protection,
Office of Federal and State Materials
and Environmental Management Programs,
US Nuclear Regulatory Commission
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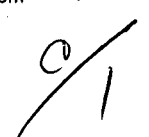
RE: ADDITIONAL INFORMATION REQUESTED FOR THE MOORE RANCH
IN SITU URANIUM RECOVERY PROJECT LICENSE APPLICATION
ENVIRONMENTAL REPORT, FIRST SET OF RESPONSES

Dear Mr. Fliegel:

By letter dated March 23, 2009, the U.S. Nuclear Regulatory Commission (NRC) staff provided a request for additional information (RAI) to complete review of the license application Environmental Report for the Moore Ranch In Situ Uranium Recovery Project. By this letter, Energy Metals Corporation dba Uranium One Americas (Uranium One) is submitting the first set of responses to RAI. The attached response addresses the following topical areas identified by NRC Staff:

- Responses to questions concerning the alternatives considered by EMC for the Moore Ranch Project;
- Responses to questions concerning transportation aspects;
- Responses to questions concerning existing noise and potential impacts; and
- Responses to questions concerning the cultural and historic resource aspects.

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Each response provides the RAI question prepared by NRC with any clarifications provided by Staff, the answer prepared by Uranium One, and the proposed changes to the License Application. Changes are presented in a track changes mode for ease of review by NRC Staff.

Uranium One intends to delay submittal of final revisions to the Environmental Report until the responses to all questions contained in this RAI have been completed. We expect to complete our responses to all RAI Questions by the end of June, 2009. Additionally, Uranium One is currently responding to open issues identified by NRC Uranium Recovery Staff in relation to the Technical Report. These responses will likely involve revisions to the Technical and Environmental Reports. We would propose to submit revisions to both reports once the open issues are resolved. We expect to submit response to these open issues by late July, 2009 although we understand that there may be some additional open issues identified in the near future. If this approach will in any way hinder the timely review by Staff of the submitted information, please inform us.

Please note that the response to RAI questions related to the cultural and historic resource aspects of the Moore Ranch project include several figures to be appended to Appendix B of the Environmental Report. The Class III Cultural Resource Inventory in Appendix B contains information that falls under the confidentiality requirement for archeological resources under the National Historic Preservation Act, Section 304 (16 U.S.C. 470w-3(a)). Accordingly, disclosure is specifically exempted by statute as specified in 10 CFR §2.390(a)(3). Therefore, Uranium One requests that all applicable portions of Appendix B remain "CONFIDENTIAL" for the purpose of Public Disclosure of this application. The new figures for Appendix B have been marked as follows:

Confidential Information Submitted under 10 CFR 2.390

Disclosure is Limited Under the National Historic Preservation Act, Section 304 (16 U.S.C. 470w-3(a)).

If you should have any questions on these responses, please contact me by phone at (307) 234-8235 ext. 331 or by email at jon.winter@uranium1.com.

Sincerely,
Uranium One Americas



Jon Winter
Manager of Environmental and Regulatory Affairs

Enclosures: Responses to NRC Request For Additional Information

cc: Behram Shroff, NRC