

June 13, 2008

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  
Two White Flint North, MS T8F5  
11545 Rockville Pike  
Rockville, MD 20852

RE: ANTICIPATED DATES TO PROVIDE ADDITIONAL INFORMATION  
REQUESTED FOR THE MOORE RANCH IN SITU URANIUM RECOVERY  
PROJECT LICENSE APPLICATION (TAC JU011)

Dear Mr. Fliegel:

By letter dated May 14, 2008, the U.S. Nuclear Regulatory Commission (NRC) staff requested additional information (RAI) to complete review of the license application for the Moore Ranch In Situ Uranium Recovery Project. The RAI requested information related to both groundwater radiological protection, geologic descriptions, ISR operations and reclamation, and effluent control. The most significant groundwater concerns were related to the absence of underlying shale in a portion of the production zone, the effects of coal bed methane produced water on surface and groundwater, the unconfined conditions in the production zone, and the estimate of the number of pore volumes that will be required to restore the production zone. The most significant radiological protection concerns relate to the design objective of the ventilation system and the adequacy of radiological environmental monitoring.

Uranium One anticipates that the responses and requested information for RAI's related to effects of coal bed methane, radiological protection and environmental monitoring, geologic descriptions, ISR operations and reclamation, effluent control, and other requests will be complete and submitted to the NRC by July 11, 2008.

On February 14, 2008, Uranium One met with the NRC to discuss many of the groundwater and aquifer issues presented in the RAI. Uranium One has been conducting additional hydrologic testing, monitoring, and evaluations to address groundwater concerns since that meeting. Currently, field work has been completed for the additional testing and modeling evaluations have begun. Uranium One anticipates that modeling and responses to the RAI's regarding unconfined conditions in the production zone, restoration pore volumes, and other concerns regarding aquifer conditions will be complete and submitted to the NRC near the end of July, 2008.

If you should have any questions, please contact me by phone at (307) 234-8235 ext. 330 or by email at [ken.milmine@uranium1.com](mailto:ken.milmine@uranium1.com).

Sincerely,



Ken Milmine  
Manager of Environmental and Regulatory Affairs