

August 6, 2009

Douglas Mandeville
Project Manager
Uranium Recovery Licensing Branch
Decommissioning and Uranium Recovery Licensing Directorate
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 7 E18
11545 Rockville Pike
Rockville, MD 20852

RE: ANTICIPATED DATE TO PROVIDE ADDITIONAL INFORMATION
REQUESTED FOR THE MOORE RANCH IN SITU URANIUM RECOVERY
PROJECT DRAFT SAFETY EVALUATION REPORT NON-RADIOLOGICAL
OPEN ISSUES

Dear Mr. Mandeville:

By letter dated May 26, 2009, the U.S. Nuclear Regulatory Commission (NRC) staff provided a summary of a teleconference held on May 11, 2009 between Uranium One and NRC staff to discuss open issues related to non-radiological aspects of the draft Safety Evaluation Report (SER) for the Moore Ranch In Situ Uranium Recovery Project. On July 27, 2009, NRC staff held another teleconference with Uranium One to discuss radiological and miscellaneous open issues of the draft SER. A summary of that teleconference is currently under preparation by NRC staff. In addition, NRC has tentatively scheduled a teleconference for August 18, 2009 to discuss additional radiological open issues of the draft SER.

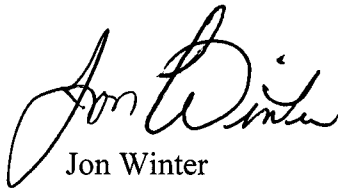
Uranium One originally anticipated that responses and requested information for the May 11 open issues would be complete and submitted to the NRC by July 31, 2009. However, in light of the additional issues identified on July 27 and those that will be identified in the August 18 teleconference, Uranium One believes that a coordinated response to all of these open items would conserve Uranium One and NRC resources. Therefore, we will

provide an expected response date for a consolidated response to all open issues once the August 18 teleconference has been held and the NRC summary is available.

As noted in the May 26, 2009 NRC letter, open issue #25 involves staff concerns that “hot spots” may be left after restoration and stabilization and that these could become a source of contamination. During our teleconference, Uranium One requested guidance from NRC concerning the definition of a hot spot since this is not addressed in any existing NRC regulations or guidance. In our letter dated June 25 providing our estimated response date we again requested guidance. Preparation of a response to this open issue will require additional information from NRC staff.

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

Sincerely,
Uranium One



Jon Winter
Manager of Environmental and Regulatory Affairs, Wyoming