

Umetco Minerals Corporation



P.O. BOX 1029
GRAND JUNCTION, COLORADO 81502
☎ (970) 245-3700

February 21, 2012

Mr. Dominick Orlando, Senior Project Manager
Decommissioning and Uranium licensing Directorate
Division of Waste Management and Environmental Protection
Office of federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Mail Stop T-8F5
11545 Rockville Pike
Rockville, Maryland 20852

Reference: **Radioactive materials License SUA-648; Docket No. 040-0299**
Subject: **Request Modification to License Amendment Request contained in Umetco letter dated January 24, 2012**

Dear Mr. Orlando:

The purpose of this letter is to modify the license amendment request contained in Umetco Minerals Corporation's (Umetco) letter dated January 24, 2012.

As stated in Umetco's January 24, 2012 letter Umetco would like to withdraw the license amendment request contained in Umetco's December 8, 2011 letter associated with revision to License Condition (LC) 35A. This request remains unchanged as Umetco is performing a detailed evaluation of target levels for model validation constituents to ensure the ACL model predictions accurately represent current conditions.

Umetco's January 24, 2012 letter also requested modification of LC 35D. Umetco would like to modify the proposed language for LC 35D regarding Lower Limits of Detection (LLD) as follows:

FSME20

Mr. Dominick Orlando, Senior Project Manager
February 21, 2012
Page two

35. D. ~~The licensee shall use, at a minimum, the following lower limits of detection for water quality analysis in mg/l, unless otherwise noted: arsenic 0.01, beryllium 0.01, nickel 0.01, selenium 0.005, total dissolved solids 10, sulfate 1.0, chloride 1.0, iron 0.1, pH 0.1 (standard units), natural uranium 0.0015, combined radium 226 and 228 1.0 pCi/L, thorium 230 1.0 pCi/L, lead 210 1.0 pCi/L, and gross alpha 5.0 pCi/L. Laboratory reported lower limits of detection for radiological constituents shall be in accordance with Regulatory Guide 4.14, Radiological Effluent and Environmental Monitoring at Uranium Mills, Revision 1, April 1980. Laboratory reported lower limits of detection for non-radiological constituents shall be no greater than 10% of the Alternate Concentration Limit for these constituents.~~

If you, or your staff, have any questions, please feel free to contact me at 970-256-8889 or by e-mail at gieckte@dow.com.

Regards,

A handwritten signature in black ink, appearing to read "Thomas E. Gieck". The signature is written in a cursive style with a large, looping initial "T".

Thomas E. Gieck
Remediation Leader

TEG/jfc

cc: Mark Moxley (WDEQ-LQD)
Scott Surovchak (DOE)