



May 3, 2007

**LICENSE SUA-1341
DOCKET NO. 40-8502**

Mr. Keith I. McConnell
Deputy Director, Decommissioning and Uranium Recovery
Licensing Directorate.
Mail Stop T-7 E18
11545 Rockville Pike
Rockville, MD. 20852-2738

Subject: Monitor Well 5MW48 on Excursion Status

Dear Mr. McConnell

As per license Sections 12.2 and 9.2 of the referenced license, this letter serves as the written notification of the excursion status for monitor well 5MW48, which was reported by telephone on April 26, 2007 to the Region 1V Branch Chief and by e-mail to our Project Manager.

A routine quarterly water sample collected from 5MW48 on April 23, 2007 exceeded two of the three upper control limits (UCLs). A confirmation sample was collected on April 25, 2007 again with two UCLs above the limit. Sampling frequency has been increased to weekly, and will continue until 3 consecutive weekly samples indicate that no more than one UCL is exceeded.

5MW48 is a perimeter ore zone monitor well in Mine Unit 5 (MU) at the Christensen Ranch Project. The well is located in the central portion of the MU, Section 16, T. 44 N., R76 W. Campbell County, Wyoming. Initial corrective pumping began on April 26, 2007 with one adjacent recovery well; the effects of this action will be monitored and modified as required to correct the excursion as quickly as possible.

The attached table provides the analytical data for the two samples which confirmed the excursion status of the well 5MW48.

Monitor Well 5MW48

Date	Chloride mg/l (UCL 22.7)	Conductivity mhos/cm (UCL 1004)	Alkalinity mg/l (UCL 134.3)	U ₃ O ₈ mg/l	pH
4/23/07	23.6	778	136.7	< 0.4	8.1
4/25/07	23.7	780	134.7	< 0.4	8.2

Please contact me if you have any questions regarding this report.

Sincerely,



Larry Arbogast
Radiation Safety Officer

cc: Blair Spitzberg - NRC, Arlington, TX.
Ron Linton - NRC, Rockville, MD.
Tom Hardgrove - COGEMA

Mw48t\wd