

March 17, 2011

LICENSE SUA-1341 DOCKET NO. 40-8502

U.S. Nuclear Regulatory Commission
Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate.
Division of Waste Management & Environmental Protection
Office of Federal & State Materials &
Environmental Management Programs
Mail Stop T-8- F5
11545 Rockville Pike
Rockville, MD. 20852-2738

Subject: Monitor Well 2MW 89 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 2MW 89 which was reported to the Project Manger Ron Linton and the Region 1V Branch Chief on March 10, 2011 by e-mail.

A routine quarterly water sample collected from 2MW89 on March 8, 2011 exceeded two of the upper control limits (UCLs). A confirmation sample was collected on March 9, 2011 again with two of the UCLs exceeding 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.

2MW89 is a perimeter ore zone monitor well in Mine Unit 2 (MU) a restored wellfield at the Christensen Ranch Project. The well is located in the South central portion of the MU, Section 6, T. 44 N., R76 W. Johnson County, Wyoming. Initial corrective pumping will began as soon as piping can be put back together that was drained to prevent freezing over the winter. 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.

Should you have any questions concerning this report, please call me at anytime.

Larry Arbogast

Radiation Safety Officer.

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Christensen Ranch Site 2MW89

2MW89		CHLORIDE		CONDUCTIVITY	ALKALINITY		Ph		U ₃ O ₈
UCL		13.6 mg/l		823 mmhos	121.3 mg/l			П	
Date:									
3/8/2011		15		765	142		8.2	Γ	<.4
3/9/2011		14.5		763	137.8		8.3		<.4
3/14/2011		14.4		759	137.5		8.2		<.4
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