

June 16, 2010

LICENSE SUA-1341
DOCKET NO. 40-8502

Attn: Document Control Desk
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
11545 Rockville Pike
Rockville, MD. 20852-2738

Subject: Monitor Well 4MW 1 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 4MW 1 which was reported to the Project Manger Ron Linton and the Region 1V Branch Chief on June 11, 2010 by e-mail.

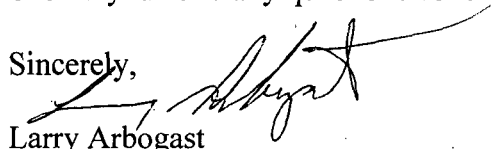
A routine quarterly water sample collected from 4MW 1 on June 9, 2010 exceeded two of the upper control limits (UCLs). A confirmation sample was collected on June 10, 2010 with two of the UCLs exceeding the limit. Sampling frequency has been increased to weekly, and will continue until 3 consecutive weekly samples indicate that no more than one UCL is exceeded.

4MW1 is a perimeter ore zone monitor well in Mine Unit 4 (MU) at the Christensen Ranch Project. The well is located in the North central portion of the MU, Section 18, T. 44 N., R76 W. Johnson County, Wyoming. Initial corrective pumping will began as soon as possible with two, to four adjacent recovery wells in MU 4, the effects of this action will be monitored and modified as required to correct the excursion.

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.

Sincerely,



Larry Arbogast
Radiation Safety Officer.
cc: Jon Winter

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FSME 24

MONITOR WELL ID 4MW 1

LOCATION: CHRISTENSEN RANCH MU 4

SAMPLE DATE	CHLORIDE	CONDUCTIVITY	ALKALINITY	Ph	WATER LEVEL	U ₃ O ₈
	UCL 11.1mg/l	UCL 825 mmhos	UCL 116.9 mg/l		ELEV.	
6/9/2010	25	809	124.9	7.8	4588	<0.4
6/10/2010	25.8	796	125	7.8	4588.8	<0.4