



**COGEMA**

April 21, 2008

**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 5MW 48 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 5MW 48 which was reported to the Project Manager Ron Linton and the Region 1V Branch Chief on April 17, 2008 by e-mail.

A routine quarterly water sample collected from 5MW48 on April 14, 2008 exceeded two of the upper control limits (UCLs). A confirmation sample was collected on April 15, 2008 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.

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 March 16, 2008 with one adjacent recovery well in MU 5, 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.

Sincerely,

Larry Arbogast  
Radiation Safety Officer.

MONITOR WELL ID 5MW 48

LOCATION: CHRISTENSEN RANCH MU 5

SAMPLE DATE	CHLORIDE	CONDUCTIVITY	ALKALINITY	Ph	WATER LEVEL	U <sub>3</sub> O <sub>8</sub>
	UCL 22.7mg/l	UCL 1004 mmhos	UCL 134.3 mg/l		ELEV.	

4/14/2008	23.7	795	145	8.1	4630.1	<0.4
4/15/2008	24.3	790	138	8.1	4630.1	<0.4