



January 5, 2010

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

Mr. Keith I. McConnell, Deputy Director
Decommissioning & Uranium Recovery Licensing Directorate
Division of Waste Management & Environmental Protection
Office of Federal & State Materials & Environmental Management Programs
Mail Stop T-8F5
U.S. Nuclear Regulatory Commission
1145 Rockville Pike
Rockville, Maryland 20852-2738

RE: Quarterly Progress Report of Monitor Wells on Excursion Status – 4th Qtr. 2009.

Dear Mr. McConnell:

This letter serves as the progress report required by License Sections 11.2 and 12.2, for all of COGEMA's Wyoming operation wells on excursion status through the end of the fourth quarter of 2009.

COGEMA had two wells on excursion status at the Christensen Ranch project site during this past quarter. At Christensen Ranch, well 5MW66 remained on excursion status through September, 2009. On March 2, 2005 Mr. Mark Taylor - WDEQ Project Manager for Irigaray & Christensen Ranch provided his acceptance of our December 9, 2004 proposal for release from excursion status for this well.

We are currently sampling well 5MW66 quarterly as per the recommendations established in the referenced proposal of December 9th 2004, and intend to continue with the wells observation throughout the remainder of the post-stabilization phase of Mine Unit 5.

Also monitor well 2MW 89 remained on excursion status at the end of the fourth quarter. We are currently sampling this well weekly and will continue this until three consecutive weekly samples show the excursion is not exceeding more than one Upper Control Limit.

The attached Table shows the sample analysis of 5MW66 and 2MW 89.

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

Sincerely,

Larry Arbogast
Radiation Safety Officer

cc: Tom Hardgrove , R. Linton
WP\2005REPT\NRC\NRC-EXC-1.wpd

FSME21

MONITOR WELL ID 5MW 66

LOCATION: CHRISTENSEN RANCH MU 5

SAMPLE DATE	CHLORIDE	CONDUCTIVITY	ALKALINITY	Ph	WATER LEVEL	U ₃ O ₈
	UCL 22.7mg/l	UCL 1004 mmhos	UCL 134.3 mg/l		ELEV.	
1/14/2009	38.2	1434	363.2	7.3	4627.5	<0.4
4/7/2009	36	1433	340.4	7.5	4630.3	<0.4
8/3/2009	36.6	1430	333.4	7.4	4629.3	<0.4
10/21/2009	35.8	1434	330	7.4	4629.1	<0.4

MONITOR WELL ID 2MW 89

LOCATION: CHRISTENSEN RANCH MU 2

SAMPLE DATE	CHLORIDE	CONDUCTIVITY	ALKALINITY	Ph	WATER LEVEL	U ₃ O ₈
	UCL 13.6mg/l	UCL 823 mmhos	UCL 121.3 mg/l		ELEV.	
12/15/2009	15.4	765	135.5	8.1	4574	<0.4
12/16/2009	15.3	764	136.6	7.7	4574	<0.4
12/21/2009	16.3	772	142.1	7.8	4573.7	<0.4
12/28/2009	15.1	775	158.4	8.1	4573.6	<0.4



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MONITOR WELL ID 5MW 66

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10/21/2009	35.8	1434	330	7.4	4629.1	<0.4

MONITOR WELL ID 2MW 89

LOCATION: CHRISTENSEN RANCH MU 2

SAMPLE DATE	CHLORIDE	CONDUCTIVITY	ALKALINITY	Ph	WATER LEVEL	U ₃ O ₈
	UCL 13.6mg/l	UCL 823 mmhos	UCL 121.3 mg/l		ELEV.	
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