



# COGEMA

Mining, Inc.

February 13, 2001

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

Mr. Phillip Ting, Chief  
Fuel Cycle Licensing Branch, FCSS  
c/o Document Control Desk  
U. S. Nuclear Regulatory Commission  
Washington, D.C. 20555

**Subject: Excursion status reporting of monitor well M2 (Event # 3775)**

Dear Mr. Ting:

As per license Section 11.2, this letter is to confirm my telephone notification to the NRC Operations Center on February 7, 2001, regarding the excursion status of monitor well M2.

A routine quarterly (every 3 months) water sample collected on February 5, 2001 from monitor well M2, exceeded 2 of its 3 upper control limits (UCLs). A confirmation sample was collected on February 6, which also exceeded 2 of its 3 UCLs. Monitor well M2 was then placed on excursion status as per license Section 11.2 and its sampling frequency increased to weekly. This will continue until 3 consecutive weekly samples indicate that not more than one UCL is exceeded.

M2 is a perimeter ore zone monitor well located approximately 440 feet west of the Production Unit 2 boundary, at the Irigaray Project. Mining and groundwater restoration have been completed in Production Unit 2. The following table gives the analysis data for the two samples which confirmed the excursion for M2 along with the initial weekly sample.

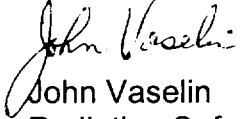
Sample Date	Chloride mg/l UCL 18.0	Conductivity umhos/cm UCL 685	Alkalinity mg/l UCL 131.1	Uranium mg/l as U3O8	pH
2-05-01	19.5	806	95.3	< 0.4	8.4
2-06-01	20.5	799	97.3	< 0.4	8.6
2-12-01	19.7	807	94.9	< 0.4	8.5

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An investigation is underway to determine the extent and direction of the excursion. Water level elevations and water samples have been taken from other ore zone wells in the area around M-2. Corrective recovery pumping will likely be conducted once the investigation is complete.

Written progress reports describing the status of all monitor wells on excursion status will be submitted on a quarterly basis, as per license Section 11.2. Please contact me if you have any questions regarding this report.

Sincerely,



John Vaselin  
Radiation Safety Officer

cc: Division Director - NRC, Arlington, TX  
Donna Wichers - COGEMA