



COGEMA

Mining, Inc.

June 27, 2002

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

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

RE: Quarterly Progress Report of Monitor Wells on Excursion Status

Dear Mr. Gillen:

The letter serves as the progress report required by License Sections 11.2 and 12.2, concerning 7 monitor wells which remained on excursion status during the second quarter of 2002. Excursion status is defined as a monitor well which exceeds more than one upper control limit (UCL). Excursion status can be removed when a monitor well no longer exceeds more than one UCL for three consecutive weeks.

These wells are located at the Irigaray Project (IR) where groundwater restoration has been completed. Each well is given below and a table is attached listing their weekly sample analysis data and water level elevations. Although fluctuations regularly appear, no significant trends were noted.

Interior Unit 1 Sand Monitor Wells

SSM3 (IR Production Unit 2) has been on excursion status since August 28, 1996. On June 24, chloride was 62.1 (UCL 38.5), conductivity was 1886 (UCL 1451) and alkalinity was 143.4 (UCL 219.1).

SSM18 (IR Production Unit 8) has been on excursion status since September 11, 1996. On June 24, chloride was 18.5 (UCL 14.7), conductivity was 1890 (UCL 1849) and alkalinity was 145.6 (UCL 119.4).

SSM40 (IR Production Unit 8) has been on excursion status since March 6, 1994. On June 26 no UCLs were exceeded, however, fluctuation drops like this have been noted in the past. Chloride was 13.2 (UCL 13.6), conductivity was 1582 (UCL 1672) and alkalinity was 102 (UCL 109.2).

Missouri Public

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SSM41 (IR Production Unit 4) has been on excursion status since November 17, 1998. On June 24, chloride was 37 (UCL 24.9), conductivity was 2483 (UCL 2566) and alkalinity was 134.5 (UCL 126.8).

SSM42 (IR Production Unit 3) has been on excursion status since October 10, 1990. On June 26, chloride was 59.4 (UCL 23.3), conductivity was 2136 (UCL 1571) and alkalinity was 151.2 (UCL 213.2).

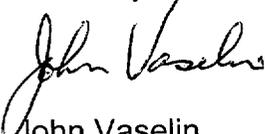
SSM43 (IR Production Unit 1) has been on excursion status since October 11, 1989. On June 26, chloride was 36.1 (UCL 25.6), conductivity was 1721 (UCL 1456) and alkalinity was 134.2 (UCL 170.4).

Interior Deep Sand Monitor Wells

DM10 (IR Production Unit 6) has been on excursion status since February 2, 1994. On June 24, chloride was 29.8 (UCL 16.4), conductivity was 808 (UCL 606) and alkalinity was 192.7 (UCL 107.5).

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

Sincerely,



John Vaselin
Radiation Safety Officer

cc: Donna Wichersi/COGEMA

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Monitor Wells on Excursion Status Page 1 of 2
COGEMA Mining, Inc. Irigaray and Christensen Projects

Monitor Well ID: SSM3 Location: Irigaray Project, PU # 2						
Sample Date	Chloride (UCL 38.5 mg/l)	Conductivity (UCL 1451 umhos)	Alkalinity (UCL 219.1 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	64	1825	148.6	7.8	4309	< 0.4
04/08/02	64.6	1879	152.8	7.8	4309	< 0.4
04/14/02	64	1883	146.7	7.8	4309	< 0.4
04/22/02	64.5	1892	156.1	7.8	4309.2	< 0.4
04/30/02	63.2	1870	152	7.7	4306.2	< 0.4
05/06/02	64.9	1889	158.8	7.7	4309.2	< 0.4
05/13/02	63.3	1886	149	7.7	4309.4	< 0.4
05/20/02	63.6	1890	149	7.8	4309.5	< 0.4
05/28/02	64.7	1903	151.7	7.8	4309.5	< 0.4
06/04/02	64.7	1860	153	7.8	4309.7	< 0.4
06/10/02	63.5	1890	149.2	7.7	4309.3	< 0.4
06/17/02	63.7	1887	154.5	7.8	4309.3	< 0.4
06/24/02	62.1	1886	143.4	7.8	4309.7	< 0.4

Monitor Well ID: SSM18 Location: Irigaray Project, PU # 8						
Sample Date	Chloride (UCL 14.7 mg/l)	Conductivity (UCL 1849 umhos)	Alkalinity (UCL 119.4 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	20	1888	156.2	7.6	4312.1	< 0.4
04/08/02	19.8	1932	152.1	7.7	4312.2	< 0.4
04/14/02	20.2	1954	152.6	7.6	4312.3	< 0.4
04/22/02	20.1	1976	158.2	7.7	4312.7	< 0.4
04/30/02	20.5	1949	163.6	7.7	4312	< 0.4
05/06/02	20.5	1991	161.1	7.6	4313	< 0.4
05/13/02	18.6	1885	147.4	7.7	4312.7	< 0.4
05/20/02	20.4	1978	159	7.7	4312.7	< 0.4
05/28/02	19.5	1937	152.9	7.7	4312.7	< 0.4
06/04/02	20.7	1983	161.3	7.8	4313	< 0.4
06/10/02	16.1	1789	135.9	7.8	4312.5	< 0.4
06/17/02	15	1720	129.1	7.7	4312.8	< 0.4
06/24/02	18.5	1890	145.6	7.9	4312.9	< 0.4

Monitor Well ID: SSM40 Location: Irigaray Project, PU # 8						
Sample Date	Chloride (UCL 13.6 mg/l)	Conductivity (UCL 1672 umhos)	Alkalinity (UCL 109.2 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	14.4	1584	111.5	8	4313.8	< 0.4
04/08/02	13.9	1593	107.3	8	4313.9	< 0.4
04/14/02	14.1	1604	107.2	8	4314.1	< 0.4
04/22/02	13.8	1587	111.2	8	4314.2	< 0.4
04/30/02	14	1595	112.5	7.9	4314	< 0.4
05/06/02	15.4	1695	118.4	7.9	4314.2	< 0.4
05/13/02	12.8	1520	105.7	7.9	4314.4	< 0.4
05/20/02	14.8	1667	113.7	8	4314.3	< 0.4
05/28/02	14.5	1642	113.6	7.9	4314.3	< 0.4
06/04/02	14.1	1603	110.8	7.9	4314.6	< 0.4
06/10/02	14.3	1648	111.1	8.2	4314.6	< 0.4
06/17/02	14.3	1672	113.4	7.9	4314.9	< 0.4
06/24/02	13.2	1582	102	8.1	4314.7	< 0.4

Monitor Well ID: SSM41 Location: Irigaray Project, PU # 4						
Sample Date	Chloride (UCL 24.9 mg/l)	Conductivity (UCL 2566 umhos)	Alkalinity (UCL 126.8 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	37.7	2395	141.1	7.7	4309.1	< 0.4
04/08/02	36.6	2455	131.8	7.7	4309.1	< 0.4
04/14/02	37.3	2477	130.8	7.7	4309.2	< 0.4
04/22/02	37	2485	139	7.8	4309.4	< 0.4
04/30/02	37.5	2451	139.7	7.6	4309	< 0.4
05/06/02	36.8	2472	136.2	7.6	4309.5	< 0.4
05/13/02	37.1	2494	135.4	7.7	4309.4	< 0.4
05/20/02	36.7	2472	135.6	7.7	4309.6	< 0.4
05/28/02	37.6	2495	138.3	7.7	4309.6	< 0.4
06/04/02	37.5	2445	138	7.7	4309.7	< 0.4
06/10/02	37.4	2492	136.2	7.8	4309.7	< 0.4
06/17/02	37.3	2468	140.7	7.7	4309.7	< 0.4
06/24/02	37	2483	134.5	7.7	4309.7	< 0.4

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COGEMA Mining, Inc. Irigaray and Christensen Projects

Monitor Well ID: SSM42 Location: Irigaray Project, PU # 3						
Sample Date	Chloride (UCL 23.3 mg/l)	Conductivity (UCL 1571 umhos)	Alkalinity (UCL 213.2 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	61.5	2136	151.4	7.8	4303	< 0.4
04/08/02	61.7	2165	150.8	7.8	4303	< 0.4
04/14/02	61	2152	148	7.8	4303.1	< 0.4
04/22/02	59.8	2144	159.2	7.9	4303.1	< 0.4
04/30/02	60.1	2110	158	7.8	4303.2	< 0.4
05/06/02	60.7	2135	164.7	7.8	4303.3	< 0.4
05/13/02	60.3	2112	158.3	7.9	4303.4	< 0.4
05/20/02	60.3	2121	155.2	7.9	4303.3	< 0.4
05/28/02	60.8	2138	160.3	7.8	4303.3	< 0.4
06/04/02	62.3	2086	164.5	7.8	4303.4	< 0.4
06/10/02	62	2141	157.7	7.8	4303.5	< 0.4
06/17/02	62.6	2142	166.7	7.8	4303	< 0.4
06/24/02	59.4	2136	151.2	7.8	4303.5	< 0.4

Monitor Well ID: SSM43 Location: Irigaray Project, PU # 1						
Sample Date	Chloride (UCL 25.6 mg/l)	Conductivity (UCL 1456 umhos)	Alkalinity (UCL 170.4 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	39	1687	144.8	8	4307.5	< 0.4
04/08/02	37.7	1725	136	7.9	4307.6	< 0.4
04/14/02	37.2	1722	133.1	7.9	4307.7	< 0.4
04/22/02	37.1	1729	141.7	8	4307.8	< 0.4
04/30/02	36.8	1702	139.2	7.8	4307.7	< 0.4
05/06/02	37.6	1715	141.9	7.9	4308	< 0.4
05/13/02	36.7	1724	137.3	7.9	4308.1	< 0.4
05/20/02	37.4	1720	139.3	8	4308.1	< 0.4
05/28/02	37.9	1737	141	7.9	4308.1	< 0.4
06/04/02	37.1	1690	137.9	7.9	4308.2	< 0.4
06/10/02	37.8	1721	144.1	8	4308.1	< 0.4
06/17/02	37.1	1726	141	7.9	4308.2	< 0.4
06/24/02	36.1	1721	134.2	7.9	4308.2	< 0.4

Monitor Well ID: DM10 Location: Irigaray Project, PU # 6						
Sample Date	Chloride (UCL 16.4 mg/l)	Conductivity (UCL 606 umhos)	Alkalinity (UCL 107.5 mg/l)	pH	Water Level Elevation	Uranium as U ₃ O ₈
04/01/02	29.8	799	198.5	8.3	4306.5	< 0.4
04/08/02	30.4	816	199	8.2	4307	< 0.4
04/14/02	30.9	816	202.8	8.2	4307.5	< 0.4
04/22/02	31.2	820	211	8.3	4307.8	< 0.4
04/30/02	30.6	804	208	8.2	4307.8	< 0.4
05/06/02	30.6	815	216.9	8.3	4308.6	< 0.4
05/13/02	30.8	813	206.8	8.1	4308.6	< 0.4
05/20/02	31.6	816	213.2	8.3	4309.1	< 0.4
05/28/02	31	821	203.3	8.2	4309.1	< 0.4
06/04/02	31.1	801	205.6	8.3	4309.2	< 0.4
06/10/02	31	819	202	8.3	4308.6	< 0.4
06/17/02	30.8	810	205	8.2	4309.6	< 0.4
06/24/02	29.8	808	192.7	8.2	4309.8	< 0.4