



March 27, 2003

LICENSE SUA-1341
DOCKET NO. 40-8502

Mr. Dan Gillen, Chief
Fuel Cycle Licensing Branch, FCSS
U. S. Nuclear Regulatory Commission
Mail Stop T-8A33
Two White Flint North
11545 Rockville Pike
Rockville, MD 20852-2738

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 9 monitor wells which remained on excursion status during the first quarter of 2003. 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.

Seven of these wells are located at the Irigaray Project (IR) where groundwater restoration has been completed. The other 3 wells are located at the Christensen Project which is undergoing groundwater restoration. Each well is summarized below and a table is attached listing their weekly sample analysis data and water level elevations. Normal historical fluctuations of most excursion parameters were observed, except where noted.

Interior Unit 1 Sand Monitor Wells - Irigaray Project

SSM3 (IR Production Unit 2) has been on excursion status since August 28, 1996. On March 25, chloride was 66.7 (UCL 38.5), conductivity was 1906 (UCL 1451) and alkalinity was 151.4 (UCL 219.1).

SSM18 (IR Production Unit 8) has been on excursion status since September 11, 1996. On March 25, chloride was 19.0 (UCL 14.7), conductivity was 1934 (UCL 1849) and alkalinity was 149.9 (UCL 119.4).

SSM40 (IR Production Unit 8) has been on excursion status since March 6, 1994. On March 25, chloride was 13.8 (UCL 13.6), conductivity was 1702 (UCL 1672) and alkalinity was 116.6 (UCL 109.2).

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Mr. Dan Gillen
March 27, 2003
Page 2 of 2

SSM41 (IR Production Unit 4) has been on excursion status since November 17, 1998. On March 25, chloride was 37.8 (UCL 24.9), conductivity was 2459 (UCL 2566) and alkalinity was 138.7 (UCL 126.8).

SSM42 (IR Production Unit 3) has been on excursion status since October 10, 1990. On March 25, chloride was 49.6 (UCL 23.3), conductivity was 1713 (UCL 1571) and alkalinity was 169.0 (UCL 213.2). Chloride and conductivity continue showing slow decreasing trends. Note that on January 2, 2002, chloride was 72.8 and conductivity was 2368.

SSM43 (IR Production Unit 1) has been on excursion status since October 11, 1989. On March 25, chloride was 39.6 (UCL 25.6), conductivity was 1702 (UCL 1456) and alkalinity was 146.1 (UCL 170.4).

Interior Deep Sand Monitor Well - Irigaray Project

DM10 (IR Production Unit 6) has been on excursion status since February 2, 1994. On March 25, chloride was 31.0 (UCL 16.4), conductivity was 808 (UCL 606) and alkalinity was 209.9 (UCL 107.5).

Perimeter Ore Zone Monitor Wells - Christensen Project

5MW54 (CR Mine Unit 5) has been on excursion status since November 19, 2002. On March 25, chloride was 15.3 (UCL 22.7), conductivity was 728 (UCL 1004) and alkalinity was 91.1 (UCL 134.6). Corrective recovery in the wellfield area near 5MW54 has shown positive results and it will likely be removed from excursion status soon. Note that a sample could not be obtained on March 11 due to pump problems.

5MW8 (CR Mine Unit 5) has been on excursion status since December 16, 2002. On March 25, chloride was 37.8 (UCL 23.0), conductivity was 1341 (UCL 1423) and alkalinity was 309 (UCL 122.5). Corrective recovery in the wellfield area near 5MW8 continued during the month, however, no significant changes were noted.

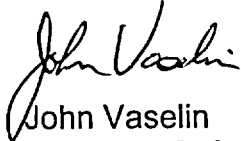
Interior Shallow Sand Monitor Well - Christensen Project

MW68S (CR Mine Unit 2) has been on excursion status since March 3, 2003. On March 25, chloride was 19.5 (UCL 16.4), conductivity was 2415 (UCL 606) and alkalinity was 235.2 (UCL 107.5). Corrective recovery in the wellfield area near 5MW8 has shown positive results and it will likely be removed from excursion status soon.

Mr. Dan Gillen
March 27, 2003
Page 3 of 3

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

Sincerely,

A handwritten signature in black ink, appearing to read "John Vasein". The signature is written in a cursive style with a large initial "J".

John Vasein
Radiation Safety Officer

cc: Donna Wichersi/COGEMA

WP\2003MEMO\NRC-EX-1

Monitor Wells on Excursion Status Page 1 of 4
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
01/06/03	67.2	1918	155.1	7.7	4311.1	< 0.4
01/13/03	66.3	1932	151.6	7.8	4311.3	< 0.4
01/21/03	66.5	1911	153.9	7.9	4311.2	< 0.4
01/27/03	67	1925	155.2	7.8	4311.2	< 0.4
02/03/03	66.1	1917	152.3	7.7	4311.5	< 0.4
02/10/03	66.8	1905	154	7.9	4311.7	< 0.4
02/18/03	66.3	1914	154.8	7.9	4311.7	< 0.4
02/24/03	66.3	1920	149.8	7.8	4311.5	< 0.4
03/03/03	67.1	1890	155	7.8	4311.7	< 0.4
03/11/03	66.9	1904	152.8	7.8	4311.7	< 0.4
03/17/03	67.3	1924	151.2	7.8	4311	< 0.4
03/25/03	66.7	1906	151.4	7.9	4311	< 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
01/06/03	19.3	1948	153.5	7.8	4314.9	< 0.4
01/13/03	18.6	1922	148.2	7.8	4314.9	< 0.4
01/21/03	19	1917	151.2	7.8	4315	< 0.4
01/27/03	19	1915	150.8	7.8	4315.1	< 0.4
02/03/03	19.1	1925	150.6	7.7	4315.2	< 0.4
02/10/03	18.6	1920	147.2	7.8	4315.2	< 0.4
02/18/03	19.2	1899	152.8	7.9	4314.4	< 0.4
02/24/03	18.3	1908	145.2	7.8	4315.2	< 0.4
03/03/03	19.3	1880	150.2	7.9	4315.4	< 0.4
03/11/03	20.2	1929	158.7	7.8	4314.5	< 0.4
03/17/03	19.7	1949	153.1	7.8	4314	< 0.4
03/25/03	19	1934	149.9	7.9	4314	< 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
01/06/03	14.4	1655	114.3	8	4316.5	< 0.4
01/13/03	13.9	1663	109.2	8	4316.7	< 0.4
01/21/03	13.6	1638	108.6	8.1	4316.7	< 0.4
01/27/03	13.7	1633	109.8	8.1	4316.8	< 0.4
02/03/03	14.3	1629	113.4	7.9	4317	< 0.4
02/10/03	14	1648	111	8.2	4317	< 0.4
02/18/03	13.7	1615	111.4	8.3	4316.9	< 0.4
02/24/03	14.7	1704	112.3	8.1	4317	< 0.4
03/03/03	14.5	1690	113.7	7.8	4317	< 0.4
03/11/03	13.7	1648	116.5	8.1	4316.8	< 0.4
03/17/03	14.1	1654	116.9	8	4317	< 0.4
03/25/03	13.8	1702	116.6	8	4317	< 0.4

Monitor Wells on Excursion Status Page 2 of 4
COGEMA Mining, Inc. Irigaray and Christensen Projects

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
01/06/03	38.2	2482	140.2	7.8	4311.9	< 0.4
01/13/03	37.6	2492	136.9	7.7	4312	< 0.4
01/21/03	37.5	2456	139.4	7.8	4312	< 0.4
01/27/03	37.2	2472	138.8	7.9	4310	< 0.4
02/03/03	38.3	2465	140.3	7.7	4312	< 0.4
02/10/03	36.6	2469	135.6	7.9	4310	< 0.4
02/18/03	37.6	2470	138.6	7.9	4312.1	< 0.4
02/24/03	37.7	2460	138.7	7.8	4312.1	< 0.4
03/03/03	37.3	2423	137.7	8	4312.2	< 0.4
03/11/03	37.1	2435	135.9	8	4312.3	< 0.4
03/17/03	37.8	2456	138.3	7.8	4312	< 0.4
03/25/03	37.8	2459	138.7	7.9	4312	< 0.4

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
01/06/03	53.4	1889	163.2	7.9	4304.5	< 0.4
01/13/03	53.9	1880	169.3	7.9	4304.5	< 0.4
01/21/03	53.3	1821	172	8	4304.6	< 0.4
01/27/03	50.8	1823	162.1	8	4304.5	< 0.4
02/03/03	52.7	1822	170.9	7.9	4304.5	< 0.4
02/10/03	52.7	1820	171.2	8	4304.7	< 0.4
02/18/03	51.2	1785	173.1	8.1	4304.8	< 0.4
02/24/03	51	1765	170.1	7.9	4304.8	< 0.4
03/03/03	50.9	1745	170	8	4304.7	< 0.4
03/11/03	50.3	1724	169	8	4304.8	< 0.4
03/17/03	50.1	1724	168.9	8	4304	< 0.4
03/25/03	49.6	1713	169	8	4304	< 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
01/06/03	39.1	1726	144.8	8	4310	< 0.4
01/13/03	38.2	1733	140.3	8	4310.1	< 0.4
01/21/03	38.6	1710	142.5	8	4310.1	< 0.4
01/27/03	38.2	1698	141.5	8.1	4310.2	< 0.4
02/03/03	39.3	1722	145.5	8	4310.6	< 0.4
02/10/03	38.2	1722	140.7	8.1	4310.8	< 0.4
02/18/03	38.4	1702	142	8.1	4310.5	< 0.4
02/24/03	39.5	1714	145.7	8	4310.6	< 0.4
03/03/03	39.5	1714	140.2	8.1	4310.7	< 0.4
03/11/03	39.7	1702	146.6	8.1	4310.3	< 0.4
03/17/03	38.7	1717	140.1	7.9	4310	< 0.4
03/25/03	39.6	1702	146.1	8.1	4310	< 0.4

Monitor Wells on Excursion Status Page 3 of 4
COGEMA Mining, Inc. Irigaray and Christensen Projects

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
01/06/03	31.4	810	206.6	8.2	4315	< 0.4
01/13/03	31.7	813	208.2	8.3	4315.1	< 0.4
01/21/03	31.5	800	213.8	8.4	4315.2	< 0.4
01/27/03	31.4	807	206.5	8.3	4315.5	< 0.4
02/03/03	31.3	808	209.4	8.2	4315.6	< 0.4
02/10/03	31.3	790	206.9	8.4	4315.7	< 0.4
02/18/03	30.8	803	208.5	8.4	4315.8	< 0.4
02/24/03	31.4	804	209.4	8.2	4309.4	< 0.4
03/03/03	30.7	782	207.1	8.4	4316	< 0.4
03/11/03	31.1	792	205.6	8.6	4316.3	< 0.4
03/17/03	31	801	204.1	8.2	4316	< 0.4
03/25/03	31	808	209.9	8.3	4315	< 0.4

Monitor Well ID: 5MW54		Location: Christensen Project, MU # 5				
Sample Date	Chloride (UCL 22.7 mg/l)	Conductivity (UCL 1004 umhos)	Alkalinity (UCL 134.3 mg/l)	pH	Water Level Elevation	U ₃ O ₈
01/06/03	32.2	1179	303.6	7.5	4522.3	< 0.4
01/13/03	39.9	1267	376.2	7.5	4516.7	< 0.4
01/21/03	9.9	692	125.6	8.3	4528.1	< 0.4
01/27/03	9.9	712	131.4	8.4	4528.1	< 0.4
02/03/03	25.1	1032	276.2	7.7	4521.2	< 0.4
02/10/03	33.6	1154	319.4	7.4	4516.1	< 0.4
02/18/03	46.8	1468	431.4	7.6	4504.2	< 0.4
02/24/03	37	936	210.6	8.4	4498.3	< 0.4
03/03/03	19.2	722	127.4	9.2	4495.3	< 0.4
03/11/03					4495	
03/17/03	15.5	745	111.5	9.6	4493	< 0.4
03/25/03	15.3	728	91.1	10.1	4493	< 0.4

Monitor Well ID: 5MW8		Location: Christensen Project, MU # 5				
Sample Date	Chloride (UCL 23.0 mg/l)	Conductivity (UCL 1423 umhos)	Alkalinity (UCL 122.5 mg/l)	pH	Water Level Elevation	U ₃ O ₈
01/06/03	49.4	1677	479.6	7.6	4530.5	< 0.4
01/13/03	49	1657	479.6	7.5	4533.9	< 0.4
01/21/03	44	1545	412.2	7.5	4534	< 0.4
01/27/03	42.4	1421	382.8	7.5	4534	< 0.4
02/03/03	35.4	1348	302.8	7.5	4536.1	< 0.4
02/10/03	34.6	1223	294.6	7.6	4535.6	< 0.4
02/18/03	40.6	1351	339.2	7.8	4542	< 0.4
02/24/03	42.2	1349	344	7.7	4542.5	< 0.4
03/03/03	38.4	1307	307.8	7.5	4541.7	< 0.4
03/11/03	39.6	1308	319.2	7.6	4541.1	< 0.4
03/17/03	37.4	1310	304.2	7.7	4540	< 0.4
03/25/03	37.8	1341	309	7.6	4540	< 0.4

Monitor Wells on Excursion Status Page 4 of 4
COGEMA Mining, Inc. Irigaray and Christensen Projects

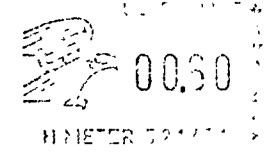
Monitor Well ID: MW68S Location: Christensen Project, MU # 2						
Sample Date	Chloride (UCL 23.5 mg/l)	Conductivity (UCL 3560 umhos)	Alkalinity (UCL 304 mg/l)	pH	Water Level Elevation	Uranium as U₃O₈
03/03/03	30.4	2546	354.6	7.3	4574.8	< 0.4
03/04/03	26.2	2446	310	7.1	4574.8	< 0.4
03/11/03	26.1	2469	309.6	7.3	4575.2	< 0.4
03/17/03	18.1	2392	224.6	7.4	4575	< 0.4
03/25/03	19.5	2415	235.2	7.4	4575	< 0.4

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COGEMA

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