

April 15, 2011

LICENSE SUA-1341  
DOCKET NO. 40-8502

Attn: Document Control Desk  
U.S. Nuclear Regulatory Commission  
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,  
11545 Rockville Pike  
Rockville, MD 20852-2738

**RE: Quarterly Progress Report of Monitor Wells on Excursion Status – 1st Qtr. 2011.**

Dear Mr. McConnell:

This letter serves as the quarterly progress report required by License Sections 11.2 and 12.2, for all of Uranium One U.S.A., Inc Wyoming operation wells on excursion status through the end of the first quarter of 2011. Uranium One had three wells on excursion status at the Christensen Ranch project site during the past quarter.

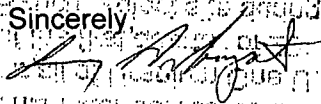
At Christensen Ranch, well 5MW66 remained on excursion status through March, 2011. 5MW66 is being sampled on a weekly basis and will continue until three consecutive weekly samples show no more than one upper control limit (UCL) is exceeded. 5 MW66 meet this requirement on February 23, 2011 and to date all three (UCLs) have not been exceeded. 5MW66 will be terminated from excursion status in the April 2011.

Monitor well 2MW89 was confirmed on excursion status on March 9, 2011 and is being sampled a weekly basis till three consecutive weekly samples show no more than one upper control limit (UCL) is being exceeded. 2MW89 is a perimeter monitor well in Mine Unit 2 of a restored well field. Corrective action began on March 21, 2011 with the pumping of two adjacent recovery wells. Monitor well 4MW1 was also confirmed on excursion status on March 23, 2011. 4MW1 is a perimeter monitor in Mine Unit 4 a restored well field. Corrective action began on March 29, 2011 with the pumping of one adjacent recovery well. Sampling is being done on a weekly basis and will continue until three consecutive weekly samples show no more than one upper control limit (UCL) is being exceeded.

The attached Tables show the sample analysis for 5MW66, 2MW89 and 4MW1.

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

Sincerely,

  
Larry Arbogast  
Radiation Safety Officer

cc: Jon Winter Uranium One

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FSME21

MONITOR WELL ID 5MW 66

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.	ppm
3/24/2010	37	1407	259.1	7.5	4635	2.6
* 3/31/2010						
4/6/2010	38.2	1405	319	7.4	4635.2	2.7
* 4/14/2010						
4/21/2010	36.2	1400	297.8	7.4	4635.7	2.26
4/27/2010	38.3	1386	306.4	7.5	4635.2	2.2
* 5/5/2010						
5/11/2010	37.2	1392	335.2	7.2	4635	2.2
* 5/18/2010						
5/25/2010	40	1394	352.8	7.1	4634	2.3
6/3/2010	42	1383	360.2	7.2	4634.5	2.2
6/9/2010	35.2	1380	328.2	7.3	4634	2.1
6/15/2010	36.2	1371	314.2	7	4632.6	2
6/21/2010	43.8	1378	318.8	6.9	4634.1	2.1
6/29/2010	35.8	1412	327.4	6.8	4635.3	2.5
7/7/2010	36.2	1397	313.8	7.2	4633.3	2.2
7/12/2010	36.6	1385	324.4	7.1	4633.5	2.2
7/20/2010	31.6	1386	309.2	7.2	4631.9	2.1
7/27/2010	38	1395	322.4	7.3	4631.4	1.8
8/3/2010	34.8	1384	346	7.4	4631.9	2.1
8/9/2010	37.2	1393	348	7.6	4634.7	1.9
8/18/2010	34.4	1394	328.2	6.9	4632.6	2.1
8/25/2010	38.2	1391	370.2	6.8	4633.3	2.5
8/31/2010	38.4	1379	352	7	4632.6	2
9/9/2010	37.6	1378	360.6	7.3	4631.5	2.2
9/13/2010	37.2	1386	348.2	7.4	4631.9	2.1
9/22/2010	36.6	1382	356.8	7.8	4630.8	1.9
9/28/2010	32.6	1376	317.8	7.3	4633.3	2.2
10/6/2010	33.9	1380	345	7	4632.5	2
10/13/2010	38.6	1371	363.4	7.3	4629.5	2.1
10/19/2010	36.6	1378	350.4	7.2	4629.5	2.8
10/27/2010	36	1370	334.8	7.3	4633.8	2.2
11/2/2010	33	1370	320.4	7.4	4622.7	1.8
11/9/2010	31.8	1372	312.4	7.1	4630.5	1.8
11/16/2010	32.6	1330	320.8	6.8	4622.4	2.3
11/22/2010	32.6	1360	315	6.9	4623.6	2
11/29/2010	32.6	1350	328	6.9	4629.4	1.9
12/8/2010	25.6	1162	134.3	7	NA	1.9
12/13/2010	25.2	1132	195.3	7.1	NA	0.95
12/20/2010	25.2	1112	192.4	7.1	NA	0.9
12/28/2010	27.8	1091	185.2	7.1	NA	0.57
1/3/2011	29.3	1109	177.6	7.2	NA	1
1/10/2011	23.7	1110	153.5	7.2	NA	0.4
1/17/2011	22.9	1112	154.7	7.6	NA	1
1/24/2011	24.5	1080	193	7.4	NA	1
2/1/2011	22.5	1095	185.9	7.5	NA	1.1
2/7/2011	22	1098	198.2	7.7	NA	1
2/14/2011	21.7	1085	188.1	7.1	NA	1.3
2/23/2011	20.1	986	124.4	8	4620.8	<0.4
2/28/2011	20.6	990	129.4	7.5	4614.7	<0.4
3/7/2011	19.3	985	130	8	4614.3	<0.4
3/14/2011	20.9	985	125.7	8	4617.1	<0.4
3/21/2011	21.2	991	135.9	8.1	4616.7	<0.4
3/28/2011	20.3	985	136.1	8.1	4618.7	<0.4
4/4/2011	19.4	983	137.9	8.1	4623.6	<0.4
4/11/2011	19.2	983	128.5	8.1	4627.9	<0.4

Christensen Ranch Site 2MW89

2MW89	CHLORIDE	CONDUCTIVITY	ALKALINITY	Ph	U <sub>3</sub> O <sub>8</sub>
<b>UCL</b>	13.6 mg/l	823 mmhos	121.3 mg/l		
Date:					
3/8/2011	15	765	142	8.2	<.4
3/9/2011	14.5	763	137.8	8.3	<.4
3/14/2011	14.4	759	137.5	8.2	<.4
3/21/2011	15.5	760	148.2	8.4	<.4
3/28/2011	14.7	760	147.9	8.4	<.4
4/4/2011	14.5	762	145.8	8.4	<.4
4/11/2011	14.5	748	130.9	8.4	<.4

