

April 19, 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 and State Materials &  
Environmental Management Programs  
11545 Rockville Pike  
Rockville, Maryland 20852-2738

**Subject: Termination of the excursion status for monitor well 5MW 66.**

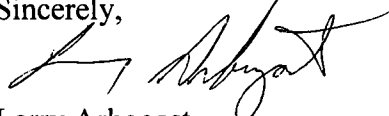
Dear Mr. McConnell:

This letter serves as notification that the excursion status for monitor well 5MW 66 of Mine Unit 5 at the Christensen Ranch Project has been terminated. 5MW66 was returned to excursion status initiated on March 24, 2010. Corrective pumping was successful in reversing the excursion. As per License Section 11.2, an excursion is considered ended when not more than one Upper Control Limit (UCL) is exceeded for 3 consecutive weekly samples. 5MW66 met these criteria's on February 23, 2011. Uranium One continued sampling 5MW66 on a weekly basis to see if any upward trends in parameters would return.

The attached table provides the analytical sampling data for the weekly samples.

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

Sincerely,



Larry Arbogast  
Radiation Safety Officer

cc: Jon Winter

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