



March 2, 2009

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

U. S. Nuclear Regulatory Commission
Mr. Keith I. McConnell, Deputy Director
Decommissioning and Uranium Recovery
Licensing Directorate
Division of Waste Management & Environmental Protection
Office of Federal & State Materials &
Environmental Management Programs
Mail Stop T-8 F5
11545 Rockville Pike
Rockville, MD 20852-2738

RE: 2008 Annual Effluent and Monitoring Report

Dear Mr. McConnell

Attachment 1 to the Annual ALARA Audit Report in Appendix 3 of the referenced report was inadvertently omitted. Two copies of the attachment are enclosed. Please insert the attachment as the final page in Appendix 3.

Sincerely,

Larry Arbogast
Radiation Safety Officer

cc: D. Blair Spitzberg – NRC, Region IV
M. Rogaczewski - WDEQ, Sheridan WY.
Tom Hardgrove - COGEMA

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Attachment 1 - WYOMING OPERATIONS

EXPOSURE AND MONITORING DATA 2008

	Action Levels	JANUARY Maximum Values	FEBRUARY Maximum Values	MARCH Maximum Values	APRIL Maximum Values	MAY Maximum Values	JUNE Maximum Values
<u>Employee Urine</u>	15 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l
<u>Alpha Contamination Survey</u>							
Irigaray Site Christensen Ranch	100 dpm/100cm2	38. dpm/100cm2 9.4 dpm/100cm2	14. dpm/100cm2 20. dpm/100cm2	24. dpm/100cm2 13. dpm/100cm2	56. dpm/100cm2 11.1 dpm/100cm2	12.2 dpm/100cm2 11.6 dpm/100cm2	6.0 dpm/100cm2 5.6 dpm/100cm2
<u>Airborne Uranium</u>							
Irigaray Site Christensen Ranch	1.18 E-10 uCi/ml 1.25 E-10 uCi/ml	1.8 E-13 uCi/ml 3.1 E-13 uCi/ml	6.2 E-13 uCi/ml 4.7 E-12 uCi/ml	5.7 E-12 uCi/ml 1.1 E-12 uCi/ml	9.7 E-13 uCi/ml 6.3 E-13 uCi/ml	2.66E-12 uCi/ml 3.34E-12 uCi/ml	9.05E-13 uCi/ml 1.06E-12 uCi/ml
<u>Radon Daughters</u>							
Irigaray Site Christensen Ranch	0.08 Working Level	0.01 Working Level 0.01 Working Level	0.007 Working Level 0.02 Working Level	0.009 Working Level 0.005 Working Level	0.009 Working Level 0.007 Working Level	0.009 Working Level 0.011 Working Level	0.002 Working Level 0.008 Working Level
<u>External Gamma</u> N/D = No Data							
Irigaray Site Christensen Ranch	> 2.0 mR/hour	N/D N/D	1.6 mR/Hr 1.4 mR/Hr	N/D N/D	N/D N/D	N/D N/D	1.8 1.2

	Action Levels	JULY Maximum Values	AUGUST Maximum Values	SEPTEMBER Maximum Values	OCTOBER Maximum Values	NOVEMBER Maximum Values	DECEMBER Maximum Values
<u>Employee Urine</u>	15 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l	<5 ug/l
<u>Alpha Contamination Survey</u>							
Irigaray Site Christensen Ranch	100 dpm/100cm2	18 dpm/100cm2 7.0 dpm/100cm2	14 dpm/100cm2 8.0 dpm/100cm2	14 dpm/100cm2 10.0 dpm/100cm2	20.5 dpm/100cm2 12.2 dpm/100cm2	30.6 dpm/100cm2 12.6 dpm/100cm2	48.0 dpm/100cm2 19.0 dpm/100cm2
<u>Airborne Uranium</u>							
Irigaray Site Christensen Ranch	1.18 E-10 uCi/ml 1.25 E-10 uCi/ml	5.91E-13 uCi/ml 4.22E-13 uCi/ml	8.02 E-12 uCi/ml 1.35 E-12 uCi/ml	3.8 E-12 uCi/ml 2.15 E-12 uCi/ml	2.03 E-12 uCi/ml 6.33 E-13 uCi/ml	4.90 E-12 uCi/ml 1.14 E-12 uCi/ml	5.91 E-13 uCi/ml 8.02 E-13 uCi/ml
<u>Radon Daughters</u>							
Irigaray Site Christensen Ranch	0.08 Working Level	0.009 Working Level 0.01 Working Level	0.01 Working Level 0.02 Working Level	0.015 Working Level 0.006 Working Level	0.008 Working Level 0.02 Working Level	0.009 Working Level 0.009 Working Level	0.015 Working Level 0.008 Working Level
<u>External Gamma (quarterly)</u> N/D = No Data							
Irigaray Site Christensen Ranch	>2.0 mrem/hour	N/D N/D	N/D N/D	1.8 mR/Hr 1.5mR/Hr	1.6 mR/Hr 1.4mR/Hr	2.6 mR/Hr 1.2 mR/Hr	3.2 mR/Hr 1.2 mR/Hr

N/D = Not Determined

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