

**CAMECO RESOURCES
CROW BUTTE OPERATION**



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August 20, 2008

United States Nuclear Regulatory Commission
Region IV
Material Radiation Protection Section
611 Ryan Plaza Drive
Suite 400
Arlington, Texas 76011-4005

Subject: Semiannual Radiological Effluent and Environmental Monitoring Report
 Source Materials License No. SUA-1534, Docket No. 40-8943

Dear Sir or Madam:

Enclosed please find one copy of the Semiannual Radiological Effluent and Environmental Monitoring Report for the Crow Butte Uranium Project. The report is provided in accordance with License Condition 12.1 of Source Materials License SUA-1534 and 10 CFR Part 40. This report covers the first and second quarters of 2008.

If you have any questions concerning the report, please feel free to call me at (308) 665-2215.

Sincerely,
CAMECO RESOURCES

Larry Teahon
Manager of Health, Safety and Environmental Affairs

cc: Mr. Keith I. McConnell, Deputy Director
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**CAMECO RESOURCES
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**CROW BUTTE URANIUM PROJECT
RADIOLOGICAL EFFLUENT
AND
ENVIRONMENTAL MONITORING
REPORT**

for

FIRST AND SECOND QUARTERS, 2008

USNRC Source Materials License SUA 1534

**CAMECO RESOURCES
CROW BUTTE OPERATION**



**First Half 2008 Semiannual Radiological Effluent
and Environmental Monitoring Report**

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1 WATER QUALITY MONITORING DATA

1.1 Excursion Monitoring

Biweekly excursion monitoring in the shallow aquifer and perimeter monitor wells was continued in Mine Units 2 through 10 during the first and second quarters of 2008.

PR-8, PR-15, and IJ-13 remain on excursion status. These monitor wells are associated with Mine Units 2 and 3, which are currently undergoing groundwater restoration.

On September 26, 2006, Mine Unit 2 perimeter monitor well PR-15 was placed on excursion status. PR-15 is a baseline restoration well in Mine Unit 1 that was chosen to monitor the boundary of Mine Unit 2 following the approval of restoration. The current restoration activities in Mine Unit 2 adjacent to PR-15 include groundwater transfer and wellfield recirculation. IJ-13 and PR-8, two other baseline restoration wells from Mine Unit 1, have remained on excursion status since December 27, 2002 and December 23, 2003, respectively. Due to the geometry of Mine Units 2 and 3, CBO is of the opinion that PR-15 will continue to exhibit the same trend as IJ-13 and PR-8 until Mine Units 2 and 3 can be fully restored along the perimeter of Mine Unit 1.

On May 15, 2008 and May 30, 2008, Mine Unit 9 perimeter monitor wells CM9-5 and CM9-3 were placed on excursion status. Overproduction in this area was successful in recovering the mining solution. CM9-5 and CM9-3 were removed from excursion status on June 24, 2008 and July 15, 2008, respectively.

Excursion reports have been submitted to NRC as required in License Condition 12.2. Complete excursion monitoring results are available on site for inspection. A summary table for monitor wells on excursion status during the first half of 2008 follows.

Monitor Well ID	Date On Excursion	Date Off Excursion	Biweekly Sampling Resumed	Causal Factor(s)
PR-8	23 Dec 03			Wellfield geometry
IJ-13	27 Dec 03			Wellfield geometry
PR-15	26 Sep 06			Wellfield geometry
CM9-5	15 May 08	24 Jun 08	3 Jul 08	Over injection
CM9-3	30 May 08	15 Jul 08	24 Jul 08	Over injection

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1.2 Water Supply Wells and Surface Water

Summary sheets of quarterly radiological analytical data for the reporting period from all surface waters and water supply wells within one kilometer of the active wellfield boundary are included in Appendix A.

The reported radiological data are within the expected ranges for each well or stream. Samples were obtained from all sample locations with the exceptions noted in Appendix A.

2 OPERATIONAL

2.1 Production Data Summary

Mining operations continued through the first and second quarters of 2008. The average operating production flow rate was 3972 gpm for the first quarter and 3762 gpm for the second quarter. Injection and production totals from the totalizers and the calculated bleed totals for the reporting period are included in Appendix B.

The main injection trunkline is equipped with a continuous pressure sensor. The average and maximum injection pressures for each wellhouse are included in Appendix C in the Wellfield Injection Pressure table. During the second quarter CBO experienced two "power bumps" as a result of thunderstorms moving through the area. The short power outages temporarily stopped well field flow. As flow was restored, scale deposits in the trunkline were agitated and began to circulate in the line which caused the meter runs to plug in numerous wellhouses. The plugged meter runs caused the pressure on the injection manifold in the affected wellhouses to rise above 100 PSI. The pressure exceedance did not cause any leaks or cause any damage to the environment.

2.2 Wastewater Summary

The total volume of wastewater discharged to the ponds was 3,422,856 gallons during the first quarter and 3,126,155 gallons during the second quarter. Currently, all five evaporation ponds contain wastewater.

Wastewater that is not disposed of in the evaporation ponds is injected into the Deep Disposal Well (DDW). Currently, the well is operated on a nearly continuous basis and 22,408,462 gallons of wastewater was injected into the well during the first half of 2008. A summary of the total volume of wastewater injected and the average radionuclide content is contained in Appendix D.

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2.3 Effluent Release

10 CFR §40.65 requires licensees to report quantities of radionuclides in liquid and gaseous effluent releases to the environment. In the Application for Renewal of Source Materials License SUA-1534, submitted December 1995, Table 7.3(A) presented calculations of the annual radon emissions for the Crow Butte Plant. These calculations assumed a 7.04×10^{-4} Curies/m³ radon release from leaching operations and the radon release calculations for the first half of 2008 use this release rate estimate.

During the first quarter production occurred at an average flow rate of 3,972 gpm (15,036 lpm). Production was maintained nearly continuously for 91 days during the first quarter with an operating factor of 98.8 %. The production flow for the first quarter results in a calculated radon release of 987 Curies. During the second quarter production occurred at an average flow rate of 3,762 gpm (14,241 lpm). Production was maintained nearly continuously for 91 days during the second quarter with an operating factor of 100%. The production flow for the second quarter results in a calculated radon release of 946 Curies. Calculations for radon release from production operations are shown in Appendix E.

Additional wells were brought on line during the first half of 2008. Calculations for the start-up of 11.93 acres of a new wellfield are shown in Appendix E. The calculated radon released from start-up of 11.93 acres is 15 Curies.

The total radon emission due to leaching operations from the Crow Butte plant for the first half of 2008 was 1,948 Curies. This calculated release rate is comparable with the releases estimated in CBO's License Renewal Application.

Radon gas is also released from restoration activities. For restoration water that is treated by ion exchange only, the radon concentration is 0.697 μ Ci/l. Of the total restoration production flow it is assumed that 25% of the radon is released through wellfield loss and 10% of the remaining radon is released during pressurized ion exchange treatment. For water that is treated by reverse osmosis, it is assumed that 100% of the remaining radon is released. For water treated by reverse osmosis the radon concentration is 0.470 μ Ci/l after adjusting for wellfield loss and ion exchange loss.

During the first half of 2008, a total of 41,348,709 gallons (156,521,403 l) of restoration water was produced from Mine Units 2, 3, 4, and 5. Based upon an estimated radon concentration of 0.697 μ Ci/l, the total amount of radon in the restoration solution was calculated to be 109 Curies as shown in Appendix E. The estimated release of radon through wellfield loss at 25% of this total was 27 Curies. The plant loss for ion exchange treatment of the restoration water is estimated at 10% of the remaining radon, or 8 Curies.

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Of the total amount of restoration water produced in the first half of 2008, 0 gallons (0 l) of the water was treated by reverse osmosis. An additional 3.1 acres of wellfields were placed in restoration during the first half of 2008. The calculated radon released from start-up of 3.1 acres is 4 Curies. Calculations for the start-up of 3.1 acres of a wellfield placed in restoration are shown in Appendix E.

Based upon the calculations shown in Appendix E, the total estimated semiannual radon emission for the first half of 2008 from restoration activities was 39 Curies. This resulted in a total estimated radon release from the Crow Butte project during the first half of 2008 of 1,987 Curies.

2.4 Restoration

Restoration activities resumed in Mine Units 2, 3, 4, and 5 during the first half of 2008. The restoration circuit was shut off on August 9, 2007 so that additional IX and R.O. treatment could be added to the circuit. Restoration injection and production totals are included in Appendix B. Restoration injection pressures are included in Appendix C.

3 ENVIRONMENTAL MONITORING

3.1 Air Monitor Stations

Seven air monitoring stations are used to monitor the Crow Butte Plant. Ambient radon-222 concentrations and radionuclide concentrations in air for each monitoring site are listed in Appendix F. All air monitoring results were within expected historical ranges.

3.2 TLD Monitors

Environmental TLD monitors are located at each air monitoring station. The results of the area TLD monitors fall within the expected ranges and are listed in Appendix G.

Appendix A

Private Well and Surface Water Radiological Monitoring Results

First and Second Quarter, 2008

CROW BUTTE RESOURCES, INC.

PRIVATE WELL AND SURFACE WATER RADIOLOGICAL MONITORING RESULTS

FIRST QUARTER, 2008

SAMPLE ID	DATE SAMPLED	URANIUM mg/l	URANIUM μ Ci/ml	RADIUM-226 pCi/l	RADIUM-226 precision \pm
Well #8	2/25/2008	0.0156	1.06E-08	ND	0.082
Well #11	2/20/2008	0.0088	6.00E-09	ND	0.12
Well #12	2/25/2008	0.0036	2.40E-09	ND	0.11
Well #26	2/15/2008	0.0066	4.50E-09	ND	0.11
Well #28	2/25/2008	0.0066	4.40E-09	ND	0.12
Well #41	2/20/2008	0.0069	4.70E-09	ND	0.11
Well #61	2/15/2008	0.0003	2.00E-10	3.1	0.36
Well #63	2/15/2008	0.0162	1.09E-08	0.19	0.13
Well #66	2/15/2008	0.0186	1.26E-08	ND	0.12
Well #125	2/20/2008	0.0073	4.90E-09	ND	0.1
Well #129	2/22/2008	0.0072	4.90E-09	ND	0.084
Well #131	2/15/2008	0.0048	3.30E-09	ND	0.13
Well #133	2/15/2008	0.009	6.10E-09	ND	0.12
Well #134	2/22/2008	0.0116	7.80E-09	ND	0.096
Well #135	2/22/2008	0.0176	1.19E-08	ND	0.099
Well #138	2/20/2008	0.0167	1.13E-08	0.43	0.16
Well #140	2/25/2008	0.0116	7.90E-09	ND	0.12
Well #435	2/20/2008	0.0072	4.90E-09	ND	0.11
Drinking Water	2/20/2008	0.0077	5.20E-09	ND	0.084
Stream S-1	2/22/2008	0.0046	3.10E-09	ND	0.079
Stream S-2	2/22/2008	0.0044	3.00E-09	ND	0.1
Stream S-5	3/27/2008	0.0056	3.80E-09	ND	0.077
Stream E-1 & E-2	3/27/2008	0.088	5.96E-08	ND	0.074
Stream E-5	3/27/2008	0.0201	1.36E-08	ND	0.13
Impoundment I-3	3/27/2008	0.119	8.08E-08	ND	0.083
Impoundment I-4	3/27/2008	0.179	1.21E-07	ND	0.078
Impoundment I-5	3/27/2008	0.0142	9.60E-09	ND	0.084
Reporting Limit		0.0003	2.00E-10	0.2	-

ND-Not detected at the reporting limit

CROW BUTTE RESOURCES, INC.

PRIVATE WELL AND SURFACE WATER RADIOLOGICAL MONITORING RESULTS

SECOND QUARTER, 2008

SAMPLE ID	DATE SAMPLED	URANIUM mg/l	URANIUM μ Ci/ml	RADIUM-226 pCi/l	RADIUM-226 precision \pm
Well #8	6/6/2008	0.0137	9.30E-09	ND	0.1
Well #11	6/13/2008	0.0087	5.90E-09	0.2	0.1
Well #12	6/13/2008	0.0043	2.80E-09	ND	0.08
Well #26	6/6/2008	0.0063	4.30E-09	ND	0.1
Well #28	6/25/2008	0.0066	4.40E-09	ND	0.200
Well #41	6/6/2008	0.0083	5.60E-09	ND	0.1
Well #61	6/6/2008	ND	ND	3.5	0.3
Well #63	6/6/2008	0.0163	1.10E-08	ND	0.1
Well #66	6/6/2008	0.0213	1.40E-08	0.2	0.1
Well #125	6/13/2008	0.0062	4.20E-09	ND	0.1
Well #129	6/27/2008	0.0074	5.00E-09	ND	0.1
Well #131	6/13/2008	0.0050	3.40E-09	ND	0.1
Well #133	6/6/2008	0.0094	6.40E-09	ND	0.1
Well #134	6/20/2008	0.0090	6.50E-09	ND	0.1
Well #135	6/20/2008	0.0167	1.10E-08	ND	0.1
Well #138	6/13/2008	0.0158	1.10E-08	ND	0.09
Well #140	6/25/2008	0.0111	7.50E-09	ND	0.1
Well #435	6/6/2008	0.0076	5.20E-09	ND	0.09
Drinking Water Well	6/13/2008	0.0078	5.40E-09	ND	0.09
Stream S-1	6/27/2008	0.0041	2.80E-09	ND	0.1
Stream S-2	6/27/2008	0.0038	2.60E-09	ND	0.1
Stream S-5	6/26/2008	0.0045	3.10E-09	ND	0.1
Stream E-1 & E-2	6/26/2008	0.0132	8.90E-09	ND	0.2
Stream E-5	6/20/2008	0.0027	1.80E-09	ND	0.1
Impoundment I-3	6/20/2008	0.0336	2.30E-08	ND	0.1
Impoundment I-4	6/20/2008	0.0105	7.10E-09	ND	0.09
Impoundment I-5	6/23/2008	0.0040	3.00E-09	ND	0.2
Reporting Limit		0.0003	2.00E-10	0.2	-

ND-Not detected at the reporting limit

Appendix B

Plant Production and Waste Totals

First and Second Quarter, 2008

WASTE VOLUME
Second Quarter 2008

TOTALIZER	PLANT TO PONDS	PLANT TO DDW	RESTORATION TO DDW	CLEAN WATER INTO PLANT	DDW TOTAL INJECTED	TRUCKS TO POND
April	808,340	1,510,951	2,213,973	N/A	3,724,924	281,575
May	1,164,210	1,574,988	2,075,372	N/A	3,650,360	154,250
June	579,030	2,131,808	1,814,968	N/A	3,946,776	138,750
TOTAL GAL. EQQ	2,551,580	5,217,747	6,104,313	0	11,322,060	574,575

TOTAL 2nd QTR VOLUME DISCHARGED TO WASTE PONDS = 3,126,155 GALLONS
 TOTAL 2nd QTR VOLUME DISCHARGED TO DEEP WELL = 11,322,060 GALLONS
 TOTAL 2nd QTR VOLUME DISCHARGED TO WASTE PONDS + DPWELL = 14,448,215 GALLONS
 TOTAL 2nd QTR VOLUME WF BLEED FROM WELLFIELDS = 13,873,640 GALLONS

WELLFIELD BLEED

Second Quarter 2008	April	May	June
MONTH BLEED	1.4%	1.7%	1.7%

PLANT FLOW

Second Quarter 2008
 AVERAGE OPERATING FLOW RATE = 3,762 GPM EQQ
 TOTAL GALLONS PRODUCED = 492,910,399 GALLONS EQQ
 TOTAL GALLONS INJECTED = 485,141,072 GALLONS EQQ

	TOTAL GALS. PRODUCED	TOTAL GALS. INJECTED	HOURS IN MONTH	HOURS IN PRODUCTION	AVERAGE PROD. GPM	AVERAGE COM INJ GPM	AVERAGE REST INJ GPM	HRS. DOWN TIME
Prev. YTD	520,445,763	513,482,486	2,184	2,159				25
April	166,985,603	171,629,589	720	720	3,865	3,973	92	0
May	166,925,364	157,222,889	744	744	3,739	3,522	148	0
June	158,999,432	156,288,594	720	720	3,681	3,618	144	0
EQQ TOTAL	492,910,399	485,141,072	2,184	2,184	3,762	3,702	128	0
YTD TOTAL	1,013,356,162	998,623,558	4,368	4,343	3,867	3,870	107	25

	TOTAL MUUI GALS PRODUCED	TOTAL MUHII GALS PRODUCED	TOTAL MUUV GALS PRODUCED	TOTAL MUUV GALS PRODUCED	MUUI BLEED TO WASTE	MUUII BLEED TO WASTE	MUUIII BLEED TO WASTE	MUUIV BLEED TO WASTE
Prev. YTD	0	4,155,687	5,094,895	9,175,596	0	0	158,614	1,323,188
April	0	313,236	2,772,130	3,098,971	0	0	17,558	341,306
May	0	1,095,524	3,225,646	4,370,518	0	0	43,048	445,943
June	0	854,831	2,385,422	4,806,253	0	0	35,159	-98,526
EQQ TOTAL	0	2,263,591	8,383,198	12,275,742	0	0	95,765	688,723
YTD TOTAL	0	6,419,278	13,478,093	21,451,338	0	0	254,379	2,011,911

TOTAL BRINE GALS PRODUCED	TOTAL PERM GALS PRODUCED	COMM BLEED TO RO FEED
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0
0	0	0

Appendix C

Wellfield Injection Pressures

First and Second Quarter, 2008

WELLFIELD INJECTION PRESSURE - PSI
First Quarter 2008

	WF HOUSE #3		WF HOUSE #4		WF HOUSE #5		WF HOUSE #6		WF HOUSE #7	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	6	12	0	9	0	0	25	27	11	17
February	5	12	1	10	0	0	26	35	12	42
March	6	12	0	0	0	0	16	34	33	49
AVERAGE	6	12	0	10	0	0	22	35	19	49
	WF HOUSE #9		WF HOUSE #9		WF HOUSE #10		WF HOUSE #11		WF HOUSE #12	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	18	20	5	37	0	0	0	0	7	38
February	16	18	40	60	0	2	0	0	41	63
March	5	16	44	52	0	2	0	0	45	52
AVERAGE	13	20	29	60	0	2	0	0	31	63
	WF HOUSE #13		WF HOUSE #14		WF HOUSE #15		WF HOUSE #16		WF HOUSE #17	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	4	32	0	6	1	7	2	50	39	82
February	35	65	0	0	1	32	15	66	34	79
March	39	49	0	0	1	28	14	62	33	83
AVERAGE	26	65	0	6	1	32	10	62	35	83
	WF HOUSE #18		WF HOUSE #19		WF HOUSE #20		WF HOUSE #21		WF HOUSE #22	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	8	69	7	58	77	95	67	90	96	98
February	54	70	60	74	84	99	58	80	98	99
March	57	66	64	74	77	96	66	74	95	99
AVERAGE	39	70	43	74	79	99	61	90	96	99
	WF HOUSE #23		WF HOUSE #24		WF HOUSE #25		WF HOUSE #26		WF HOUSE #27	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	0	10	7	21	20	98	98	99	0	0
February	2	63	9	40	13	98	94	99	0	0
March	0	.6	0	0	0	0	93	99	0	0
AVERAGE	1	63	5	40	11	98	95	99	0	0
	WF HOUSE #28		WF HOUSE #29		WF HOUSE #30		WF HOUSE #31		WF HOUSE #32	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	0	0	70	72	62	70	36	38	2	58
February	0	0	72	74	64	68	37	65	42	53
March	0	0	65	75	58	72	34	48	45	54
AVERAGE	0	0	69	75	61	72	36	65	29	58
	WF HOUSE #33		WF HOUSE #34		WF HOUSE #35		WF HOUSE #36		WF HOUSE #37	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	49	51	96	98	98	99	98	99	98	99
February	50	54	98	99	99	99	98	99	91	99
March	45	54	92	99	96	99	94	99	94	99
AVERAGE	48	54	95	99	98	99	97	99	94	99
	WF HOUSE #38		WF HOUSE #39		WF HOUSE #40		WF HOUSE #41		WF HOUSE #42	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	98	99	98	99	95	99	95	99	98	99
February	91	99	92	99	91	99	98	99	98	99
March	94	99	95	99	95	99	88	99	89	99
AVERAGE	95	99	95	99	95	99	95	99	95	99
	WF HOUSE #43		WF HOUSE #44		WF HOUSE #45		WF HOUSE #46		WF HOUSE #46A	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
January	95	98	97	99	87	94	99	99	98	99
February	96	99	95	99	90	93	92	99	94	99
March	85	99	87	99	80	94	96	99	96	99
AVERAGE	92	99	93	99	85	94	95	99	96	99
	WF HOUSE #47		WF HOUSE #47A		WF HOUSE #48		WF HOUSE #49			
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM		
January	68	71	39	52	97	99	0	0		
February	69	91	48	70	98	99	0	0		
March	56	79	36	97	96	99	68	98		
AVERAGE	64	91	41	97	97	99	29	98		

WELLFIELD INJECTION PRESSURE - PSI
Second Quarter 2008

	WF HOUSE #3		WF HOUSE #4		WF HOUSE #5		WF HOUSE #6		WF HOUSE #7	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	5	12	0	12	0	0	7	28	7	40
May	4	12	0	0	0	0	0	0	24	30
June	8	12	0	0	0	0	18	25	22	30
AVERAGE	6	12	0	12	0	0	8	28	18	40
	WF HOUSE #8		WF HOUSE #9		WF HOUSE #10		WF HOUSE #11		WF HOUSE #12	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	2	20	42	61	0	0	0	0	46	63
May	0	0	45	55	0	2	0	0	46	60
June	12	47	43	90	0	5	0	0	43	60
AVERAGE	5	47	43	90	0	5	0	0	45	63
	WF HOUSE #13		WF HOUSE #14		WF HOUSE #15		WF HOUSE #16		WF HOUSE #17	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	40	58	0	0	0	0	0	0	24	75
May	40	50	0	6	0	2	0	3	30	41
June	38	55	0	6	0	0	0	5	17	25
AVERAGE	39	58	0	6	0	2	0	5	24	75
	WF HOUSE #18		WF HOUSE #19		WF HOUSE #20		WF HOUSE #21		WF HOUSE #22	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	58	74	65	80	47	70	61	97	98	99
May	57	65	64	74	52	62	71	83	91	99
June	53	70	60	79	50	66	74	83	85	96
AVERAGE	56	74	63	80	50	70	69	97	91	99
	WF HOUSE #23		WF HOUSE #24		WF HOUSE #25		WF HOUSE #26		WF HOUSE #27	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	0	0	0	0	0	0	96	99	0	0
May	0	0	0	0	0	0	82	90	1	30
June	0	0	0	0	0	0	52	93	0	0
AVERAGE	0	0	0	0	0	0	77	99	0	30
	WF HOUSE #28		WF HOUSE #29		WF HOUSE #30		WF HOUSE #31		WF HOUSE #32	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	0	0	72	76	63	65	35	41	48	51
May	0	0	68	71	60	70	34	47	45	48
June	0	0	54	69	51	60	25	45	35	47
AVERAGE	0	0	65	76	58	70	31	47	43	51
	WF HOUSE #33		WF HOUSE #34		WF HOUSE #35		WF HOUSE #36		WF HOUSE #37	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	48	52	98	99	97	99	98	99	97	99
May	46	49	89	97	92	99	89	98	90	98
June	36	47	91	94	91	92	91	93	91	93
AVERAGE	43	52	93	99	93	99	93	99	93	99
	WF HOUSE #38		WF HOUSE #39		WF HOUSE #40		WF HOUSE #41		WF HOUSE #42	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	98	99	97	99	98	99	98	99	99	99
May	92	96	92	98	90	97	92	99	93	98
June	92	99	92	94	91	93	91	96	88	93
AVERAGE	94	99	94	99	93	99	94	99	93	99
	WF HOUSE #43		WF HOUSE #44		WF HOUSE #45		WF HOUSE #46		WF HOUSE #46A	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	98	99	96	99	91	98	98	99	97	99
May	93	99	91	99	89	93	92	98	88	98
June	83	92	76	90	52	91	91	96	92	94
AVERAGE	91	99	88	99	77	98	94	99	92	99
	WF HOUSE #47		WF HOUSE #47A		WF HOUSE #48		WF HOUSE #49		WF HOUSE #51	
	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM	AVERAGE	MAXIMUM
April	68	98	19	67	98	99	96	99	0	0
May	66	70	18	92	93	99	92	98	90	91
June	33	67	10	28	70	99	90	93	91	92
AVERAGE	56	98	15	92	87	99	93	99	90	92

The above table summarizes data taken at the regular twice daily pressure check intervals.
 Upset operation conditions exist momentarily after a shutdown or power outage when pressure regulating valves become plugged with debris and malfunction. The pressures below were observed and reported during upset operation conditions.
 6/4/08 Wellhouses 34, 36, 37, 38, 39,40 Reached 105psi during upset operation conditions.
 6/11/08 Wellhouse 36 Reached 102 psi during upset operation conditions.
 6/19/08 Wellhouse 38 Reached 110 psi during upset operation conditions.

Appendix D

Deep Disposal Well Injection Radiological Data

First and Second Quarter, 2008

**Crow Butte Uranium Mine
Deep Disposal Well Injection Radiological Data**

Month	Total Gallons Injected	Average Natural Uranium (mg/l)	Total Natural Uranium Injected (mg)	Total Natural Uranium Injected (uCi)	Average Radium-226 (pCi/l)	Total Radium-226 Injected (uCi)
January-08	5,132,667	3	5.83E+07	3.95E+04	669	1.30E+04
February-08	3,388,598	4	5.13E+07	3.47E+04	751	9.63E+03
March-08	2,565,135	5	4.85E+07	3.29E+04	795	7.72E+03
April-08	3,724,924	3	4.23E+07	2.86E+04	818	1.15E+04
May-08	3,650,359	4	5.53E+07	3.74E+04	818	1.13E+04
June-08	3,946,776	3	4.48E+07	3.03E+04	739	1.10E+04
Totals	22,408,459		3.01E+08	2.03E+05		6.42E+04

Appendix E

Radon Release Calculations

First and Second Quarter, 2008

Radon Effluent Release Calculation (Production and Startup)

First Quarter 2008 Radon Release from Leaching Operations:

<i>Curies/M3</i>	<i>Production Flow (liters)</i>	<i>Radon-222 Decay Constant</i>	<i>Operating Days</i>	<i>Operating Factor</i>	<i>M3/liter conversion</i>	<i>Hours/Day Conversion</i>	<i>Minutes/Hour Conversion</i>	<i>Total Radon Release from Leaching</i>
7.04E-04	15,036	0.72	91	98.8%	0.001	24	60	987

Second Quarter 2008 Radon Release from Leaching Operations:

<i>Curies/M3</i>	<i>Production Flow (liters)</i>	<i>Radon-222 Decay Constant</i>	<i>Operating Days</i>	<i>Operating Factor</i>	<i>M3/liter conversion</i>	<i>Hours/Day Conversion</i>	<i>Minutes/Hour Conversion</i>	<i>Total Radon Release from Leaching</i>
7.04E-04	14,241	0.72	91	100.0%	0.001	24	60	946

First Half 2008 Radon Release From Startup:

<i>Curies/M3</i>	<i>Total Acres of New Wellfield</i>	<i>Meter3/Acre Conversion</i>	<i>Orebody Thickness (meters)</i>	<i>Porosity</i>	<i>Total Radon Release from Startup</i>
7.04E-04	11.9	4,074	1.52	0.29	15

Total Estimated Radon Release from Production: 1,948

Radon Effluent Release Calculation (Restoration)

First Half 2008 Radon Release From Restoration:

<i>Total Restoration Flow (liters)</i>	<i>Microcuries/liter</i>	<i>Curies/Microcurie</i>	<i>Production Potential</i>
156,521,403	0.697	1.00E-06	109

Wellfield Loss (25% of Production Potential):	27
---	----

Ion Exchange Loss (10% of Production Potential minus Wellfield Loss):	8
---	---

Reverse Osmosis Loss (100% of remaining activity at 0.470 microcuries/liter)	0
--	---

<i>Total Reverse Osmosis Flow (liters)</i>	<i>Microcuries/liter</i>	<i>Curies/Microcurie</i>
0	0.470	1.00E-06

First Half 2008 Radon Release From Startup of New Restoration:

<i>Curies/M3</i>	<i>Total Acres of New Wellfield</i>	<i>Meter3/Acre Conversion</i>	<i>Orebody Thickness (meters)</i>	<i>Porosity</i>	<i>Total Radon Release from Startup</i>
7.04E-04	3.1	4074	1.52	0.29	4

Total Estimated Radon Release from Restoration: 39

Total Estimated Radon Release, First Half 2008: 1,987

Appendix F
Environmental Air Monitoring Results
First and Second Quarter, 2008

Crow Butte Resources, Inc.
Crow Butte Uranium Project

Track Etch Cup Ambient Radon Concentrations

Air Monitoring Station

No.

Period: January 2, 2008 to July 7, 2008

	Gross Count	Average Radon Concentration (x 10 ⁻⁹ μCi/ml)	Accuracy (x 10 ⁻⁹ μCi/ml)	Percent Effluent Concentration
AM-1	167.2	0.9	0.07	9.0%
AM-2	229.2	1.2	0.08	12.0%
AM-3	145.9	0.8	0.07	8.0%
AM-4	179.0	1.0	0.07	10.0%
AM-5	221.7	1.2	0.08	12.0%
AM-6	159.8	0.9	0.07	9.0%
AM-8	234.6	1.3	0.08	13.0%
AB-1 (AM-1 Duplicate)	156.6	0.8	0.06	8.0%
AB-2 (AM-2 Duplicate)	205.7	1.1	0.08	11.0%
AB-6 (AM-6 Duplicate)	160.8	0.9	0.07	9.0%
LLD (x 10 ⁻⁹ μCi/ml)				0.2
Effluent Concentration Limit, 10 CFR 20 App B Column 2:				10



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
 PROJECT: 2nd Quarter 2008 Environmental Air Composites
 REPORT DATE: August 13, 2008
 SAMPLE ID: AM-1

Quarter/Date Sampled	Air Volume	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08040257-001 01/02/2008 - 04/02/2008	Air Volume in mLs 5.56E+09	^{nat} U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
		²²⁶ Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	8.86E-15	1.15E-15	2.00E-15	6.00E-13	1.48E+00

Quarter/Date Sampled	Air Volume	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08070537-001 04/02/2008 - 06/20/2008	Air Volume in mLs 4.79E+09	^{nat} U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
		²²⁶ Ra	< 1.00E-16	1.46E-16	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	5.68E-15	3.41E-15	2.00E-15	6.00E-13	9.47E-01

NOTE: Pb210 calculation conservatively based on MDC result.

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
PROJECT: 2nd Quarter 2008 Environmental Air Composites
REPORT DATE: August 13, 2008
SAMPLE ID: AM-2

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08040257-002 01/02/2008 - 04/02/2008 Air Volume in mLs 5.15E+09		^{nat} U	1.36E-16	N/A	1.00E-16	9.00E-14	1.51E-01
		²²⁶ Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.20E-14	1.38E-15	2.00E-15	6.00E-13	2.00E+00

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08070537-002 04/02/2008 - 07/07/2008 Air Volume in mLs 5.46E+09		^{nat} U	1.47E-16	N/A	1.00E-16	9.00E-14	1.63E-01
		²²⁶ Ra	< 1.00E-16	1.28E-16	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.30E-14	3.17E-15	2.00E-15	6.00E-13	2.17E+00

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
PROJECT: 2nd Quarter 2008 Environmental Air Composites
REPORT DATE: August 13, 2008
SAMPLE ID: AM-3

Quarter/Date Sampled	Air Volume	Radionuclide	Concentration $\mu\text{Ci}/\text{mL}$	Error Estimate $\mu\text{Ci}/\text{mL}$	L.L.D. $\mu\text{Ci}/\text{mL}$	Effluent Conc.* $\mu\text{Ci}/\text{mL}$	% Effluent Concentration
C08040257-003	01/02/2008 - 04/02/2008 Air Volume in mLs 5.24E+09	^{nat} U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
		²²⁶ Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.98E-14	1.77E-15	2.00E-15	6.00E-13	3.31E+00

Quarter/Date Sampled	Air Volume	Radionuclide	Concentration $\mu\text{Ci}/\text{mL}$	Error Estimate $\mu\text{Ci}/\text{mL}$	L.L.D. $\mu\text{Ci}/\text{mL}$	Effluent Conc.* $\mu\text{Ci}/\text{mL}$	% Effluent Concentration
C08070537-003	04/02/2008 - 07/07/2008 Air Volume in mLs 5.57E+09	^{nat} U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
		²²⁶ Ra	< 1.00E-16	1.26E-16	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.13E-14	3.09E-15	2.00E-15	6.00E-13	1.88E+00

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
PROJECT: 2nd Quarter 2008 Environmental Air Composites
REPORT DATE: August 13, 2008
SAMPLE ID: AM-4

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08040257-004 01/02/2008 - 04/02/2008 Air Volume in mLs 5.70E+09		^{nat} U	2.46E-16	N/A	1.00E-16	9.00E-14	2.73E-01
		²²⁶ Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.50E-14	1.49E-15	2.00E-15	6.00E-13	2.50E+00

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08070537-004 04/02/2008 - 07/07/2008 Air Volume in mLs 5.66E+09		^{nat} U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
		²²⁶ Ra	< 1.00E-16	1.24E-16	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	7.96E-15	2.98E-15	2.00E-15	6.00E-13	1.33E+00

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
PROJECT: 2nd Quarter 2008 Environmental Air Composites
REPORT DATE: August 13, 2008
SAMPLE ID: AM-5

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08040257-005 01/02/2008 - 04/02/2008 Air Volume in mLs 5.12E+09		^{nat} U	3.12E-16	N/A	1.00E-16	9.00E-14	3.47E-01
		²²⁶ Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.46E-14	1.54E-15	2.00E-15	6.00E-13	2.44E+00

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08070537-005 04/02/2008 - 07/07/2008 Air Volume in mLs 5.43E+09		^{nat} U	2.03E-16	N/A	1.00E-16	9.00E-14	2.25E-01
		²²⁶ Ra	< 1.00E-16	1.29E-16	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	7.72E-15	3.11E-15	2.00E-15	6.00E-13	1.29E+00

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
PROJECT: 2nd Quarter 2008 Environmental Air Composites
REPORT DATE: August 13, 2008
SAMPLE ID: AM-6

Quarter/Date Sampled	Air Volume	Radionuclide	Concentration $\mu\text{Ci}/\text{mL}$	Error Estimate $\mu\text{Ci}/\text{mL}$	L.L.D. $\mu\text{Ci}/\text{mL}$	Effluent Conc.* $\mu\text{Ci}/\text{mL}$	% Effluent Concentration
C08040257-006 01/02/2008 - 04/02/2008	Air Volume in mLs 5.44E+09	^{235}U	1.29E-16	N/A	1.00E-16	9.00E-14	1.43E-01
		^{226}Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		^{210}Pb	1.50E-14	1.52E-15	2.00E-15	6.00E-13	2.50E+00

Quarter/Date Sampled	Air Volume	Radionuclide	Concentration $\mu\text{Ci}/\text{mL}$	Error Estimate $\mu\text{Ci}/\text{mL}$	L.L.D. $\mu\text{Ci}/\text{mL}$	Effluent Conc.* $\mu\text{Ci}/\text{mL}$	% Effluent Concentration
C08070537-006 04/02/2008 - 07/07/2008	Air Volume in mLs 5.69E+09	^{235}U	< 1.00E-16	N/A	1.00E-16	9.00E-14	< 1.11E-01
		^{226}Ra	< 1.00E-16	1.23E-16	1.00E-16	9.00E-13	< 1.11E-02
		^{210}Pb	4.94E-15	2.92E-15	2.00E-15	6.00E-13	8.23E-01

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210



HIGH VOLUME AIR SAMPLING REPORT

CLIENT: CROW BUTTE RESOURCES
PROJECT: 2nd Quarter 2008 Environmental Air Composites
REPORT DATE: August 13, 2008
SAMPLE ID: AM-8

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08040257-007 01/02/2008 - 04/02/2008 Air Volume in mLs 5.25E+09		²³⁵ U	3.24E-16	N/A	1.00E-16	9.00E-14	3.60E-01
		²²⁶ Ra	< 1.00E-16	N/A	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.04E-14	1.28E-15	2.00E-15	6.00E-13	1.74E+00

Quarter/Date Sampled Volume	Air	Radionuclide	Concentration μCi/mL	Error Estimate μCi/mL	L.L.D. μCi/mL	Effluent Conc.* μCi/mL	% Effluent Concentration
C08070537-007 04/02/2008 - 07/07/2008 Air Volume in mLs 5.46E+09		²³⁵ U	1.83E-16	N/A	1.00E-16	9.00E-14	2.04E-01
		²²⁶ Ra	< 1.00E-16	1.47E-16	1.00E-16	9.00E-13	< 1.11E-02
		²¹⁰ Pb	1.18E-14	3.15E-15	2.00E-15	6.00E-13	1.96E+00

LLD's are from Reg. Guide 4.14

*Effluent Concentration from the NEW 10 CFR Part 20 - Appendix B - Table 2

Year for Natural Uranium

Week for Radium-226

Day for Lead-210

Appendix G
Environmental TLD Monitoring Results
First and Second Quarter, 2008

LANDAUER

Landauer, Inc. 2 Science Road Glenwood, Illinois 60425-1586 Telephone: (708) 755-7000 Facsimile: (708) 755-7016

ENVIRONMENTAL / LOW LEVEL DOSIMETRY REPORT

ADDRESS

CROW BUTTE RESOURCES
ATTN : RHONDA GRANTHAM
PO BOX 169
CRAWFORD, NE 69339

ACCOUNT NO. SERIES CODE

306192

**CORRECTED
REPORT**

FOR EXPOSURE PERIOD 01/01/2008

NET CUMULATIVE TOTALS (MILLIREMS)

LOCATION ID NUMBER	IDENTIFIER (CLIENT SUPPLIED)	NOTE CODE	EXPOSURE OF DOSIMETER (MILLIREMS AMBIENT DOSE EQUIVALENT)	CALENDAR QUARTER	YEAR TO DATE	PERMANENT	ADJUST-MENTS	NUMBER OF DOSIMETERS REPORTED	INCEPTION DATE OF PERM. TOTAL
000X9	DEPLOY		GROSS						
01001	AM-1		28.9	0.0	0.0	0.0			/ /
01002	AM-2		34.4	0.0	0.0	0.0			/ /
01003	AM-6		35.0	0.0	0.0	0.0			/ /
01008	AM-8		37.0	0.0	0.0	0.0			/ /
01009	AM-3		37.1	0.0	0.0	0.0			/ /
01010	AM-4		34.8	0.0	0.0	0.0			/ /
01011	AM-5		35.9	0.0	0.0	0.0			/ /
			34.5	0.0	0.0	0.0			/ /
			NET						

G.C. Release	Process No.	Reported Date	Date Processed	Date Received	Minimum Detectable Dose In This Process, Millirems Ambient Dose Equivalent	ONLY PAGE
am	100005	06/12/2008	04/14/2008	04/09/2008	0.10	1

LANDAUER

Landauer, Inc. 2 Science Road Glenwood, Illinois 60425-1586 Telephone: (708) 755-7000 Facsimile: (708) 755-7016

ENVIRONMENTAL / LOW LEVEL DOSIMETRY REPORT

ADDRESS
 CROW BUTTE RESOURCES
 ATTN: RHONDA GRANTHAM
 PO BOX 169
 CRAWFORD, NE 69339

ACCOUNT NO. SERIES CODE
 306192

CORRECTED
 REPORT

FOR EXPOSURE PERIOD 04/01/2008

LOCATION ID NUMBER	IDENTIFIER (CLIENT SUPPLIED)	NOTE CODE	EXPOSURE OF DOSIMETER (MILLIREMS AMBIENT DOSE EQUIVALENT)	NET CUMULATIVE TOTALS (MILLIREMS)				ADJUST-MENTS	NUMBER OF DOSIMETERS REPORTED	INCEPTION DATE OF PERM. TOTAL
				CALENDAR QUARTER	YEAR TO DATE	PERMANENT	PERM. TOTAL			
000X9	TRANSIT		GROSS							
01001	AM-1		35.1	0.0						/
01002	AM-2		41.3	6.2	0.0	0.0	0.0			/
01003	AM-6		44.0	8.9	0.0	0.0	0.0			/
01008	AM-8		42.5	7.4	0.0	0.0	0.0			/
01009	AM-3		47.9	12.8	0.0	0.0	0.0			/
01010	AM-4		43.3	8.2	0.0	0.0	0.0			/
01011	AM-5		38.5	3.4	0.0	0.0	0.0			/
			38.9	3.8	0.0	0.0	0.0			/

G.C. Release	Process No.	Reported Date	Date Processed	Date Received	Minimum Detectable Dose In This Process, Millirems Ambient Dose Equivalent	ONLY PAGE
am	197001	07/29/2008	07/17/2008	07/15/2008	0.10	1