

**TABLE C-3: Quarterly Cesium-137, Americium-241, Plutonium-238, Plutonium-239/40
& Strontium-90 Concentrations in Compositied Air Filters**

<i>Group and Location</i>	<i>Date</i>	<i>Analyte</i>	<i>Result ± Uncertainty (1s)</i>			<i>Result ± Uncertainty (1s)</i>		
			<i>(x 10⁻¹⁸ μCi/mL)</i>			<i>(x 10⁻¹³ Bq/mL)</i>		
BOUNDARY								
ARCO								
	6/30/2003	AMERICIUM-241	2.71	±	1.05	1.00	±	0.39
	6/30/2003	CESIUM-137	3.82	±	96.00	1.41	±	35.52
	6/30/2003	PLUTONIUM-238	-0.51	±	0.50	-0.19	±	0.19
	6/30/2003	PLUTONIUM-239/40	1.02	±	0.75	0.38	±	0.28
ATOMIC CITY								
	6/30/2003	AMERICIUM-241	1.26	±	0.80	0.47	±	0.30
	6/30/2003	CESIUM-137	-11.20	±	219.50	-4.14	±	81.22
	6/30/2003	PLUTONIUM-238	0.48	±	0.49	0.18	±	0.18
	6/30/2003	PLUTONIUM-239/40	0.48	±	1.10	0.18	±	0.41
BLACKFOOT NOAA Q/A-1								
	6/30/2003	AMERICIUM-241	4.33	±	1.65	1.60	±	0.61
	6/30/2003	CESIUM-137	-146.00	±	149.50	-54.02	±	55.32
	6/30/2003	PLUTONIUM-238	0.00	±	1.00	0.00	±	0.37
	6/30/2003	PLUTONIUM-239/40	0.00	±	1.15	0.00	±	0.43
BLUE DOME								
	6/30/2003	AMERICIUM-241	1.46	±	0.85	0.54	±	0.31
	6/30/2003	CESIUM-137	-101.00	±	201.50	-37.37	±	74.56
	6/30/2003	PLUTONIUM-238	1.54	±	0.90	0.57	±	0.33
	6/30/2003	PLUTONIUM-239/40	0.00	±	0.65	0.00	±	0.24
FAA TOWER								
	6/30/2003	CESIUM-137	55.50	±	133.00	20.54	±	49.21
	6/30/2003	STRONTIUM-90	-11.50	±	31.00	-4.26	±	11.47

HOWE								
	6/30/2003	CESIUM-137	358.00	±	246.00	132.46	±	91.02
	6/30/2003	STRONTIUM-90	-0.94	±	22.00	-0.35	±	8.14
MONTEVIEW								
	6/30/2003	CESIUM-137	44.20	±	232.00	16.35	±	85.84
	6/30/2003	STRONTIUM-90	-18.90	±	24.50	-6.99	±	9.07
MUD LAKE								
	6/30/2003	AMERICIUM-241	1.05	±	2.10	0.39	±	0.78
	6/30/2003	CESIUM-137	-139.00	±	206.00	-51.43	±	76.22
	6/30/2003	PLUTONIUM-238	0.40	±	1.40	0.15	±	0.52
	6/30/2003	PLUTONIUM-239/40	1.60	±	1.60	0.59	±	0.59
(MUD LAKE) Q/A-2								
	6/30/2003	AMERICIUM-241	0.74	±	0.90	0.27	±	0.33
	6/30/2003	CESIUM-137	58.70	±	92.50	21.72	±	34.23
	6/30/2003	PLUTONIUM-238	0.00	±	0.65	0.00	±	0.24
	6/30/2003	PLUTONIUM-239/40	0.52	±	0.50	0.19	±	0.19
DISTANT								
BLACKFOOT, CMS								
	6/30/2003	AMERICIUM-241	1.22	±	0.60	0.45	±	0.22
	6/30/2003	CESIUM-137	-125.00	±	116.00	-46.25	±	42.92
	6/30/2003	PLUTONIUM-238	-0.47	±	0.48	-0.17	±	0.18
	6/30/2003	PLUTONIUM-239/40	1.42	±	1.25	0.53	±	0.46
CRATERS OF THE MOON								
	6/30/2003	CESIUM-137	-223.00	±	341.50	-82.51	±	126.36
	6/30/2003	STRONTIUM-90	-7.91	±	31.00	-2.93	±	11.47
DUBOIS								
	6/30/2003	AMERICIUM-241	1.36	±	0.48	0.50	±	0.18
	6/30/2003	CESIUM-137	-40.30	±	142.00	-14.91	±	52.54
	6/30/2003	PLUTONIUM-238	-0.84	±	0.43	-0.31	±	0.16
	6/30/2003	PLUTONIUM-239/40	3.35	±	1.70	1.24	±	0.63
IDAHO FALLS								
	6/30/2003	CESIUM-137	106.00	±	130.00	39.22	±	48.10
	6/30/2003	STRONTIUM-90	9.78	±	28.00	3.62	±	10.36

REXBURG, CMS								
	6/30/2003	CESIUM-137	-48.20	±	136.00	-17.83	±	50.32
	6/30/2003	STRONTIUM-90	31.10	±	26.00	11.51	±	9.62
INEEL								
EFS								
	6/30/2003	CESIUM-137	-253.00	±	130.50	-93.61	±	48.29
	6/30/2003	STRONTIUM-90	21.40	±	27.00	7.92	±	9.99
MAIN GATE								
	6/30/2003	AMERICIUM-241	0.00	±	0.75	0.00	±	0.28
	6/30/2003	CESIUM-137	297.00	±	268.50	109.89	±	99.35
	6/30/2003	PLUTONIUM-238	0.00	±	0.40	0.00	±	0.15
	6/30/2003	PLUTONIUM-239/40	1.97	±	0.80	0.73	±	0.30
VAN BUREN								
	6/30/2003	CESIUM-137	-54.40	±	274.50	-20.13	±	101.57
	6/30/2003	STRONTIUM-90	4.17	±	25.50	1.54	±	9.44
OUT OF STATE								
JACKSON, WYOMING								
	6/30/2003	AMERICIUM-241	1.29	±	0.80	0.48	±	0.30
	6/30/2003	CESIUM-137	-18.70	±	94.00	-6.92	±	34.78
	6/30/2003	PLUTONIUM-238	0.40	±	0.70	0.15	±	0.26
	6/30/2003	PLUTONIUM-239/40	1.58	±	0.80	0.58	±	0.30