

Table 4.2. Major sources of radiological airborne emissions at ORNL, 1995 (in curies)^a

Isotope	Stack			
	2026	3020	3039	7911
³ H	4.1E-01		2.4E+01	4.7E+01
⁷ Be	3.2E-08	2.7E-07	5.2E-05	8.1E-04
⁴⁰ K	3.8E-07	4.5E-07	2.5E-06	
⁴¹ Ar				1.7E+03
⁶⁰ Co	2.4E-08	1.9E-07	1.8E-05	
⁸⁵ Kr				9.1E+00
^{85m} Kr				9.7E+00
⁸⁷ Kr				1.4E+01
⁸⁸ Kr				5.0E+00
⁸⁹ Kr				1.9E-01
⁹⁰ Sr	5.3E-06	4.8E-07	4.8E-05	1.9E-05
¹²⁹ I				2.1E-05
¹³¹ I	2.1E-05		3.7E-05	1.6E-01
¹³² I				4.7E-02
¹³³ I	8.8E-06	5.5E-06	5.7E-04	6.5E-01
¹³⁵ I	1.2E-04	2.1E-04	1.2E-03	1.8E+00
^{131m} Xe				6.4E+00
¹³³ Xe				1.2E-01
^{133m} Xe				6.2E-01
¹³⁵ Xe	8.5E-07	1.7E-06	6.8E-05	9.4E+01
^{135m} Xe				3.8E+02
¹³⁷ Xe				5.0E+01
¹³⁸ Xe				2.7E+02
¹³⁴ Cs				8.8E-07
¹³⁷ Cs	2.8E-05	1.2E-06	1.9E-04	3.8E-05
¹³⁸ Cs				9.1E+02
^{137m} Ba	2.8E-05	1.2E-06	1.9E-04	3.8E-05
¹⁴⁰ Ba				5.8E-05
⁷⁵ Se	1.9E-06			
¹⁹¹ Os		1.9E-05	1.4E-01	
²¹² Pb	2.2E-01	3.6E-01	1.1E+00	3.7E-01
²²⁸ Th	1.1E-07	2.9E-08	1.2E-07	8.3E-08
²³⁰ Th	4.7E-08	3.8E-08	1.7E-07	1.4E-07
²³² Th	1.9E-08	2.8E-08	8.9E-08	7.3E-08
²³⁴ U	3.5E-06	5.6E-08	1.4E-05	8.8E-06
²³⁵ U	7.7E-09	1.4E-09	1.0E-08	
²³⁸ U	1.6E-07	2.6E-08	5.8E-08	4.8E-08
²³⁸ Pu	7.8E-07	5.4E-09	6.6E-06	
²³⁹ Pu	2.4E-06	5.5E-08	1.1E-05	1.2E-08
²⁴¹ Am	1.5E-06	6.6E-08	6.5E-06	1.5E-07
²⁴⁴ Cm	2.5E-05	2.7E-08	1.0E-04	5.8E-07

^a 1 Ci = 3.7E+10 Bq.