

Data Table 6-22, POPDOSE-SR Population Dose from Airborne Releases		
By Pathway		
Pathway	Population Dose (person-rem)(a)	Percent of Total Dose
Plume	2.1E-02	0.94%
Ground	6.1E-01	27.99%
Inhalation	1.3E+00	58.09%
Vegetation	5.1E-02	2.33%
Cow Milk	2.3E-01	10.38%
Meat	5.5E-03	0.25%
Total	2.2E+00	100.0%
By Radionuclide		
Radionuclide	Population Dose (person-rem)(a)	Percent of Total Dose (b)
Gases and Vapors		
H-3	1.4E+00	61.82%
C-14	9.4E-04	0.04%
Kr-85	2.1E-02	0.94%
I-129	7.4E-03	0.34%
Particulates		
Am-241	1.0E-03	0.05%
Cs-137	6.2E-01	28.39%
Pu-238	1.0E-02	0.47%
Pu-239	6.4E-02	2.94%
Pu-240	5.7E-04	0.03%
Pu-241	2.8E-04	0.01%
Sr-90	8.9E-04	0.04%
Alpha	9.3E-02	4.28%
Non-Volatile Beta	1.5E-02	0.66%
Total	2.2E+00	100.0%
a. Committed effective dose		
b. Radionuclides contributing 0.01% or more of the total dose		