

Data Table 6-21, MAXDOSE-SR Representative Person Dose Using Goat Milk Pathway		
By Pathway		
Pathway	Representative Person Dose (mrem)^(a)	Percent of Total Dose
Plume	2.9E-04	0.49%
Ground	8.0E-03	13.77%
Inhalation	1.7E-02	29.28%
Vegetation	1.7E-02	28.25%
Goat Milk	1.6E-02	27.40%
Meat	4.8E-04	0.82%
Total	5.8E-02	100.0%
By Radionuclide		
Radionuclide	Representative Person Dose (mrem)(a)	Percent of Total Dose (b)
Gases and Vapors		
H-3	4.1E-02	69.64%
C-14	9.2E-05	0.16%
Kr-85	6.9E-04	1.17%
I-129	2.9E-04	0.49%
Particulates		
Am-241	1.9E-05	0.03%
Cs-137	1.1E-02	18.48%
Pu-238	2.1E-04	0.36%
Pu-239	1.3E-03	2.28%
Pu-240	1.2E-05	0.02%
Sr-90	3.9E-05	0.07%
Alpha	1.9E-03	3.32%
Non-Volatile Beta	2.3E-03	3.99%
Total	5.8E-02	100.0%
a. Committed effective dose		
b. Radionuclides contributing 0.01% or more of the total dose		