

Data Table 6-19, MAXDOSE-SR Representative Person Dose Using Cow Milk Pathway		
By Pathway		
Pathway	Representative Person Dose (mrem)(a)	Percent of Total Dose
Plume	2.9E-04	0.55%
Ground	8.0E-03	15.49%
Inhalation	1.7E-02	32.95%
Vegetation	1.7E-02	31.80%
Cow Milk	9.5E-03	18.29%
Meat	4.8E-04	0.92%
Total	5.2E-02	100.0%
By Radionuclide		
Radionuclide	Representative Person Dose (mrem)(a)	Percent of Total Dose (b)
<i>Gases and Vapors</i>		
H-3	3.6E-02	69.09%
C-14	8.9E-05	0.17%
K-85	2.9E-04	0.55%
I-129	5.8E-04	1.12%
<i>Particulates</i>		
Am-241	1.9E-05	0.04%
Cs-137	9.1E-03	17.47%
Pu-238	2.1E-04	0.40%
Pu-239	1.3E-03	2.56%
Pu-240	1.2E-05	0.02%
Pu-241	5.7E-06	0.01%
Sr-90	3.8E-05	0.07%
Alpha	1.9E-03	3.73%
Non-Volatile Beta	2.5E-03	4.75%
Total	5.2E-02	100.0%
a. Committed effective dose		
b. Radionuclides contributing 0.01% or more of the total dose		