Data Table 6-27, CAP88 MEI Dose Compared to MAXDOSE-SR

	Individual Dose Commitment at Site Boundary from Atmospheric Releases			
	CAP88 PC Maximally Exposed Individual		MAXDOSE-SR Representative Person	
	Millirem (a)	Percent of Dose	Millirem (a)	Percent of Dose(d)
By Pathway				
Plume	2.20E-04	0.58	2.86E-04	0.55
Ground	4.65E-03	12.18	8.04E-03	15.47
Inhalation	5.32E-03	13.91	1.71E-02	32.89
Food (b)	2.79E-02	73.08	2.65E-02	50.92
Total	**3.82E-02**		**5.20E-02**	
By Radionuclide				
Gases and Vapors				
H-3 (c)	2.44E-02	63.71	3.59E-02	69.06
C-14	1.81E-05	0.05	8.88E-05	0.17
Kr-85	2.20E-04	0.58	2.86E-04	0.55
I-129	8.24E-04	2.16	5.84E-04	1.12
Particulates				
Am-241	7.78E-06	0.02	1.94E-05	0.04
Cs-137	7.96E-03	20.83	9.08E-03	17.47
Pu-238	8.46E-05	0.22	2.09E-04	0.40
Pu-239	5.40E-04	1.41	1.33E-03	2.56
Pu-240	4.85E-06	0.01	1.19E-05	0.02
Pu-241	2.41E-06	0.01	5.72E-06	0.01
Sr-90	3.86E-05	0.10	3.82E-05	0.07
Alpha	7.90E-04	2.07	1.94E-03	3.73
Non-Volatile Beta	6.68E-04	1.75	2.47E-03	4.75

a. Committed effective dose

b. Meat, milk, and vegetables

c. Dose from tritium in foods calculated with absolute humidity of 12.9 g water/cubic meter of air

d. Radionuclides contributing 0.01% or more from MAXDOSE-SR output.