

Data Table 6-25, Radioactive Atmospheric Releases and MEI Doses for NESHAP				
(CAP88 PC Dose Calculations for 2013 NESHAP Report to EPA)				
Radionuclide	Releases (Curies)		Maximally Exposed Individual Dose	Percent of Dose
	0 m	61 m	(mrem)	
H-3(oxide.)	2.09E+02	2.09E+04	2.17E-02	0.6
Cs-137	7.70E-02	2.65E-05	7.96E-03	0.2
Unidentified Beta	4.10E-02	6.68E-04	3.29E-03	0.09
H-3(elem.)	0.00E+00	3.17E+03	2.65E-03	0.07
I-129	1.15E-04	1.29E-03	8.24E-04	0.02
Unidentified Alpha	1.25E-03	1.72E-06	7.90E-04	0.02
Pu-239	8.52E-04	5.85E-06	5.40E-04	0.01
Kr-85	0.00E+00	1.51E+04	2.20E-04	0.01
Pu-238	1.42E-04	5.52E-06	8.46E-05	0.002
Sr-90	4.78E-04	1.00E-05	3.86E-05	0.001
U-234	2.06E-05	7.91E-06	1.87E-05	0.0005
C-14	7.10E-09	1.14E-01	1.81E-05	0.0005
Am-241	1.12E-05	4.80E-06	7.78E-06	0.0002
Pu-240	7.68E-06	0.00E+00	4.85E-06	0.0001
Pu-241	2.07E-04	0.00E+00	2.41E-06	0.0001
U-238	2.04E-05	9.64E-06	1.64E-06	0.00004
Co-60	8.49E-06	0.00E+00	5.96E-07	0.00002
Np-237	1.53E-06	0.00E+00	5.11E-07	0.00001
Ra-226	3.01E-07	0.00E+00	1.35E-07	0.000004
F-18	3.60E-02	0.00E+00	1.17E-07	0.000003
Cm-244	2.78E-07	8.87E-08	1.12E-07	0.000003
Ra-228	3.01E-07	0.00E+00	7.14E-08	0.000002
Nb-94	2.42E-07	0.00E+00	6.67E-08	0.000002
U-235	9.12E-07	9.05E-08	6.67E-08	0.000002
Sn-126	1.70E-07	0.00E+00	6.42E-08	0.000002
Th-230	0.00E+00	9.71E-08	5.32E-08	0.000001
U-236	3.01E-08	0.00E+00	2.82E-08	0.000001
Cs-134	4.31E-07	0.00E+00	2.00E-08	0.000001
Eu-154	3.55E-07	0.00E+00	1.81E-08	0.0000005
Ru-106	3.04E-06	0.00E+00	1.07E-08	0.0000003
Y-90	4.78E-04	0.00E+00	1.02E-08	0.0000003
Sb-125	1.18E-06	0.00E+00	8.33E-09	0.0000002
Pu-242	1.38E-08	0.00E+00	8.27E-09	0.0000002
Tc-99	4.09E-07	0.00E+00	6.13E-09	0.0000002
Pb-212	8.43E-07	0.00E+00	1.42E-09	0.00000004
Th-232	4.79E-14	1.04E-09	7.94E-10	0.00000002
Th-231	2.12E-04	0.00E+00	6.90E-10	0.00000002
U-233	3.47E-10	0.00E+00	3.95E-10	0.00000001
Pm-147	2.89E-06	0.00E+00	2.74E-10	0.00000001
Pa-233	1.42E-06	0.00E+00	2.47E-10	0.00000001
Zr-95	1.22E-07	0.00E+00	2.11E-10	0.00000001
Sm-151	2.89E-06	0.00E+00	1.89E-10	0.00000000
Eu-155	1.18E-07	0.00E+00	1.81E-10	0.00000000
Nb-95	3.63E-07	0.00E+00	1.77E-10	0.00000000
U-232	2.23E-10	0.00E+00	1.72E-10	0.00000000
Sb-126	1.70E-07	0.00E+00	1.14E-10	0.000000003
Se-79	4.90E-09	0.00E+00	8.67E-11	0.000000002
Th-228	0.00E+00	1.71E-10	5.26E-11	0.000000001
Ce-144	2.00E-08	0.00E+00	3.68E-11	0.000000001
Ni-63	5.62E-09	0.00E+00	1.33E-12	0.00000000003
Y-91	7.98E-10	0.00E+00	3.08E-13	0.00000000001
Sr-89	4.12E-10	0.00E+00	2.19E-13	0.00000000001
Ru-103	5.11E-10	0.00E+00	2.05E-13	0.00000000001
Ag-110m	1.48E-11	0.00E+00	1.70E-13	0.00000000000
Ni-59	5.76E-11	0.00E+00	6.73E-15	0.0000000000002
Ce-141	4.94E-11	0.00E+00	5.76E-15	0.0000000000002
Sn-123	6.66E-12	0.00E+00	5.09E-15	0.0000000000001
Pm-148m	1.90E-12	0.00E+00	3.12E-15	0.0000000000001
Pr-144	2.00E-08	0.00E+00	4.22E-16	0.00000000000001
Te-127	1.04E-11	0.00E+00	1.22E-17	0.000000000000003
Cm-242	1.89E-16	0.00E+00	9.83E-18	0.0000000000000003
Tl-208	1.41E-06	0.00E+00	8.15E-18	0.0000000000000002
Rh-106	1.19E-08	0.00E+00	2.01E-18	0.0000000000000001
Te-129	1.05E-12	0.00E+00	3.43E-19	0.00000000000000001
TOTAL	2.09E+02	3.92E+04	3.82E-02	100.00%