Attachment 2. Onsite Population Dose Calculations

Population Centered on E54900, N75100

	0-1	1-2	2-3	3-4	4-5	5-10
S	0	10	277	0	1086	0
SSW	0	92	539	0	0	0
SW	0	0	0	0	0	527
WSW	47	0	0	0	0	0
W	131	0	0	637	0	0
WNW	729	15	0	34	0	0
NW	950	15	0	0	0	7634
NNW	130	0	0	0	0	0
N	0	0	0	0	0	68
NNE	0	0	0	0	0	0
NE	0	705	369	0	0	0
ENE	22	2786	119	0	0	0
E	23	443	0	0	0	0
ESE	14	0	0	0	0	21
SE	7	0	0	0	0	94
SSE	0	19	1359	0	0	248
	2053	4085	2663	671	1086	8592

x/q From MAXDOSE-SR

	.5-1	1-2	2-3	3-4	4-5	5-10
S	2.31E-07	6.59E-08	2.90E-08	1.77E-08	1.24E-08	6.40E-09
SSW	1.04E-06	3.13E-07	1.35E-07	7.98E-08	5.46E-08	2.68E-08
SW	1.76E-06	5.33E-07	2.26E-07	1.33E-07	9.03E-08	4.35E-08
WSW	1.12E-06	3.38E-07	1.43E-07	8.42E-08	5.72E-08	2.77E-08
W	8.69E-07	2.62E-07	1.12E-07	6.64E-08	4.53E-08	2.21E-08
WNW	9.37E-07	2.87E-07	1.25E-07	7.43E-08	5.10E-08	2.49E-08
NW	1.06E-06	3.27E-07	1.42E-07	8.43E-08	5.78E-08	2.81E-08
NNW	1.32E-06	4.09E-07	1.77E-07	1.05E-07	7.15E-08	3.47E-08
N	1.56E-06	4.82E-07	2.09E-07	1.24E-07	8.49E-08	4.12E-08
NNE	1.43E-06	4.41E-07	1.91E-07	1.13E-07	7.73E-08	3.76E-08
NE	1.45E-06	4.44E-07	1.91E-07	1.13E-07	7.74E-08	3.77E-08
ENE	1.60E-06	4.88E-07	2.11E-07	1.25E-07	8.55E-08	4.18E-08
E	1.01E-06	3.02E-07	1.28E-07	7.53E-08	5.12E-08	2.48E-08
ESE	8.46E-07	2.54E-07	1.08E-07	6.33E-08	4.30E-08	2.08E-08
SE	6.42E-07	1.95E-07	8.40E-08	4.97E-08	3.39E-08	1.65E-08
SSE	5.19E-07	1.58E-07	6.90E-08	4.13E-08	2.85E-08	1.41E-08

B5*I5*2000*2.5*0.000095*3000000000/365/24/3600

person rem 2.04E-01

0-1	1-2	2-3	3-4	4-5	5-10
0.00E+00	2.98E-05	3.63E-04	0.00E+00	6.08E-04	0.00E+00
0.00E+00	1.30E-03	3.29E-03	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.14E-03	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00
3.09E-02	1.95E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00
4.55E-02	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-03
7.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.41E-02	3.18E-03	0.00E+00	0.00E+00	0.00E+00
1.59E-03	6.14E-02	1.13E-03	0.00E+00	0.00E+00	0.00E+00
1.05E-03	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05
0.00E+00	1.36E-04	4.24E-03	0.00E+00	0.00E+00	1.58E-04
9.50E-02	8.35E-02	1.22E-02	2.03E-03	6.08E-04	1.11E-02

B5*I5*2000*2.5*0.000095*3000000000/365/24/3600

person rem 2.04E-01

0-1	1-2	2-3	3-4	4-5	5-10
0.00E+00	2.98E-05	3.63E-04	0.00E+00	6.08E-04	0.00E+00
0.00E+00	1.30E-03	3.29E-03	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.04E-03
2.38E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.14E-03	0.00E+00	0.00E+00	1.91E-03	0.00E+00	0.00E+00
3.09E-02	1.95E-04	0.00E+00	1.14E-04	0.00E+00	0.00E+00
4.55E-02	2.22E-04	0.00E+00	0.00E+00	0.00E+00	9.69E-03
7.75E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.27E-04
0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	1.41E-02	3.18E-03	0.00E+00	0.00E+00	0.00E+00
1.59E-03	6.14E-02	1.13E-03	0.00E+00	0.00E+00	0.00E+00
1.05E-03	6.05E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00
5.35E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.97E-05
2.03E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.01E-05
0.00E+00	1.36E-04	4.24E-03	0.00E+00	0.00E+00	1.58E-04
9.50E-02	8.35E-02	1.22E-02	2.03E-03	6.08E-04	1.11E-02