

Attachment I:

MILDOS-AREA Data Input File for Sample ISL Site

```
&INDATA
IFTODO=2*1,8*0,
IRTYPE=8*0,40*-1,
JC=1,0,1,2*0,2*1,0,1,0,
FRADON=0.86,0.06,0.04,0.04,
IPACT=9*0,1,
NSORCE=10,
PACT= 51.,2*0, 0.21,2*0, 1.3,2*0, 1.3,2*0,
QAJUST= 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0,
        1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0, 1,9*0,
        1,9*0, 1,9*0, 10*1, 10*1,
SORCE=
    0.0, 0.0, 20.0, 0.0,1.46E-1,3*7.3E-4,0.0,1101,1,17.0,
    0.0, 0.0, 0.0, 0.0, 4*0.0, 1.9, 1102, 1, 0.0,
    -0.341,-0.092, 0.0, 0.0, 4*0.0, 153., 1203, 1, 0.0,
    -6.629,-0.377, 0.0, 0.0, 4*0.0, 1.9, 1304, 1, 0.0,
    -6.708,-0.595, 0.0, 0.0, 4*0.0, 64., 1305, 1, 0.0,
    -7.0, 1.2, 0.0, 0.06, 4*0.0, 0.027, 2001, 3, 0.0,
    -5.3, -1.3, 0.0, 0.050, 4*0.0, 49.0, 2002, 3, 0.0,
    -1.2, 0.3, 0.0, 0.055, 4*0.0, 93.0, 2003, 3, 0.0,
    -0.23, 0.5, 0.0, 0.10 4*0.0, 110.0, 2004, 3, 0.0,
    -0.776,-1.354, 0.0, 1, 4*1.0, 1.0, 6001, 3, 0.0,
FAS= 3*-1.,
SRNS=1.3,1,1,
HDP=50.0,
FREQ =
.00038, .00011, .00021, .00009, .00018, 2*.00013,
.00006, .00027, 2*.00006, .00009, .00006, .0001,
.00006, .0001, .00021, 2*.00027, 2*.00021, 2*.00007,
.00014, .00041, 2*.00014, .00021, .00014, 0,
.00014, 65*0, .00181, .00115, .0014, .00158,
.00168, .0006, .00128, .00095, .00361, .00176,
.00068, .00096, .00093, .00058, .00107, .00056,
.00199, .00103, .00151, .00116, .00082, .00062,
.00082, .00123, .00253, .00123, .0011, .00082,
.00158, .00055, .00103, .00089, 2*.00082, 2*.00055,
.00021, .00007, .00034, .00075, .00199, .00041,
.00062, .00041, .00048, .00069, .00055, .00027,
48*0, .00068, .00053, .00067, .00052, .0006,
.00032, .00062, .00074, .00171, .00068, .00056,
.00034, .00028, .00029, .00059, .00028, .00329,
.00219, .00206, 2*.00096, .00062, .0011, .00089,
.00514, .00212, .00069, .00075, .00151, .00103,
2*.00089, .00404, .00253, .00233, .00137, .00048,
.00007, .00055, .00281, .01062, .00288, .00103,
.00116, .00411, .00377, .00315, .00185, 2*.00027,
.00034, .00027, 3*0, .00069, .00226, .00014,
2*.00021, .00116, .00158, .00075, .00021, 12*0,
.00007, .00021, .00007, 17*0, .00709, .00308,
.00332, .00296, .0026, .00169, .0022, .00229,
.0073, .00197, .0021, .00129, .00175, .00136,
.0018, .00166, .02028, .00849, .00692, .00377,
.00233, .00199, .00397, .00514, .02124, .00617,
.00377, .00356, .00466, .00411, .005, .00507,
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.02041, .01103, .00527, .0026, .0013, .00103,
.00349, .01048, .05747, .01178, .00432, .00486,
.01671, .0163, .01075, .00692, .00836, .00849,
.0063, .00158, .00027, .00041, .00151, .0087,
.05439, .01212, .00185, .00322, .03213, .05556,
.02466, .00425, .00075, .00062, .00041, .00007,
0, .00007, 0, .00055, .00459, .00123,
.00014, .00027, .00699, .01932, .00521, .00062,
2*0, .00007, 5*0, .00014, 2*0, .00007,
.00178, .00384, .00069, .00021, .01075, .00438,
.00503, .0052, .00552, .00354, .00582, .00553,
.02371, .00944, .00799, .00475, .00635, .00556,
.00604, .00493, .01226, .00329, .00356, .00308,
.00185, .00178, .00267, .00521, .02048, .00856,
.00541, .00527, .00644, .0063, .00562, .00377,
.0061, .00178, .0011, .00048, .00014, 2*.00007,
.0013, .00767, .00116, .00096, .00158, .00788,
.00795, .00349, .00151, 144*0,
DMM=150, DMA=1550,
FFORI=0.5, FFORP=0.5, FHAYI=0.5, FHAYP=0.5,
FPR=320,1400,230,
IPOP =
572, 286, 401, 515, 221, 3178,
6078, 4842, 7011, 7959, 9705, 9708,
1145, 286, 1603, 1288, 221, 4073,
6789, 9505, 12220, 14591, 15101, 15552,
1145, 1288, 1402, 258, 779, 4073,
6789, 9505, 12220, 13210, 12551, 14482,
1145, 1431, 1202, 1545, 221, 883,
1472, 3921, 8870, 14092, 15611, 16542,
572, 1431, 2003, 258, 221, 883,
1472, 2060, 2649, 3238, 5900, 8403,
572, 1431, 2003, 773, 221, 883,
1472, 2060, 2649, 3238, 3826, 4415,
572, 143, 21, 26, 221, 883,
1472, 2060, 2707, 3677, 4761, 6404,
916, 215, 21, 26, 221, 883,
1472, 2060, 3296, 4995, 5904, 6812,
286, 143, 200, 26, 221, 883,
1472, 2060, 2721, 4995, 5904, 6812,
12, 15, 21, 26, 221, 883,
2068, 3870, 3656, 4995, 5904, 6812,
12, 15, 21, 26, 221, 1360,
3460, 4844, 6143, 6304, 6368, 6812,
12, 15, 21, 26, 370, 2076,
3460, 4844, 4789, 4665, 4838, 5162,
114, 15, 21, 26, 519, 2076,
3460, 4844, 2809, 3214, 3798, 4382,
114, 15, 21, 26, 519, 2009,
2904, 3677, 4427, 4092, 3798, 4382,
229, 15, 21, 44, 519, 1476,
2348, 3287, 4226, 5166, 5841, 6384,
286, 15, 21, 26, 260, 1409,
2348, 3287, 4226, 6121, 7718, 7256,
PAJUST=10*1,
IADD=8,
XRECEP=
0.989, 1.338, 0,
1.467, 0.114, 0,
1.012,-1.269, 0,
0.182,-2.607, 0,
-3.184, 1.269, 0,
-2.274,-0.08, 0,
-4.434,-1.464, 0,
-6.333, 1.978, 0,

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NSTEP=2,TSTART=1997,TSTEP=10,10,8*0,
ACTRAT=2.5,
IPSOL=3*3,4*2,
PTSZ=1.5,3.0,7.7,54.0,0.3,
PTSZFC=0.0,1.0,2*0.0,1.0,5*0.0,0.3,0.7,
&END
SAMPLE ISL FACILITY          GENERIC MET STATION
Yellowcake Dryer
Plant IX- Radon
Settling Pond P1
Satellite Facility
Settling Pond P2
New Wellfield 1
Prod. Wellfield 2
Prod. Wellfield 3
Rest. Wellfield 4
Irrigation Plot
Resident 1
Resident 2
Resident 3
Resident 4
Grazing Area 5
Resident 6
Resident 7
Resident 8
10-Year Action Period
10-Year Restoration
&NWAREA
NEX=0, NAS = 3, NNODE = 8,
NODE= 8,3,1,2, 7,4,8,3, 6,5,7,4,
XS = -0.776E3, -0.547E3, -0.466E3, -0.520E3,
      -0.669E3, -0.830E3, -0.952E3, -0.911E3,
YS = -1.354E3, -1.368E3, -1.556E3, -1.772E3,
      -1.839E3, -1.825E3, -1.704E3, -1.448E3,
&END

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Attachment II:

MILDOS-AREA Output File for Sample ISL Site

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REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

CODE: MILDOS-AREA (02/97)
DATA: sampisl.dat

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JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM FREQWS=0.19110,0.24865,0.28024,0.23216,0.04119,0.00680
MPH N NNE NE ENE E ESE SE SSE S SSW SW WSW W WNW NW NNW TOTALS

STABILITY CLASS 1

1.5	0.0380	0.0110	0.0210	0.0090	0.0180	0.0130	0.0130	0.0060	0.0270	0.0060	0.0060	0.0090	0.0060	0.0100	0.0060	0.0100	0.2090
5.5	0.0210	0.0270	0.0270	0.0210	0.0210	0.0070	0.0070	0.0140	0.0410	0.0140	0.0140	0.0210	0.0140	0.0000	0.0140	0.0000	0.2630
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0590	0.0380	0.0480	0.0300	0.0390	0.0200	0.0200	0.0200	0.0680	0.0200	0.0200	0.0300	0.0200	0.0100	0.0200	0.0100	0.4720

STABILITY CLASS 2

1.5	0.1810	0.1150	0.1400	0.1580	0.1680	0.0600	0.1280	0.0950	0.3610	0.1760	0.0680	0.0960	0.0930	0.0580	0.1070	0.0560	2.0600
5.5	0.1990	0.1030	0.1510	0.1160	0.0820	0.0620	0.0820	0.1230	0.2530	0.1230	0.1100	0.0820	0.1580	0.0550	0.1030	0.0890	1.8910
10.0	0.0820	0.0820	0.0550	0.0550	0.0210	0.0070	0.0340	0.0750	0.1990	0.0410	0.0620	0.0410	0.0480	0.0690	0.0550	0.0270	0.9530
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.4620	0.3000	0.3460	0.3290	0.2710	0.1290	0.2440	0.2930	0.8130	0.3400	0.2400	0.2190	0.2990	0.1820	0.2650	0.1720	4.9040

STABILITY CLASS 3

1.5	0.0680	0.0530	0.0670	0.0520	0.0600	0.0320	0.0620	0.0740	0.1710	0.0680	0.0560	0.0340	0.0280	0.0290	0.0590	0.0280	0.9410
5.5	0.3290	0.2190	0.2060	0.0960	0.0960	0.0620	0.1100	0.0890	0.5140	0.2120	0.0690	0.0750	0.1510	0.1030	0.0890	0.0890	2.5090
10.0	0.4040	0.2530	0.2330	0.1370	0.0480	0.0070	0.0550	0.2810	1.0620	0.2880	0.1030	0.1160	0.4110	0.3770	0.3150	0.1850	4.2750
15.5	0.0270	0.0270	0.0340	0.0270	0.0000	0.0000	0.0000	0.0690	0.2260	0.0140	0.0210	0.0210	0.1160	0.1580	0.0750	0.0210	0.8360
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0070	0.0210	0.0070	0.0000	0.0350
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.8280	0.5520	0.5400	0.3120	0.2040	0.1010	0.2270	0.5130	1.9730	0.5820	0.2490	0.2460	0.7130	0.6880	0.5450	0.3230	8.5960

STABILITY CLASS 4

1.5	0.7090	0.3080	0.3320	0.2960	0.2600	0.1690	0.2200	0.2290	0.7300	0.1970	0.2100	0.1290	0.1750	0.1360	0.1800	0.1660	4.4460
5.5	2.0280	0.8490	0.6920	0.3770	0.2330	0.1990	0.3970	0.5140	2.1240	0.6170	0.3770	0.3560	0.4660	0.4110	0.5000	0.5070	10.6470
10.0	2.0410	1.1030	0.5270	0.2600	0.1300	0.1030	0.3490	1.0480	5.7470	1.1780	0.4320	0.4860	1.6710	1.6300	1.0750	0.6920	18.4720
15.5	0.8360	0.8490	0.6300	0.1580	0.0270	0.0410	0.1510	0.8700	5.4390	1.2120	0.1850	0.3220	3.2130	5.5560	2.4660	0.4250	22.3800
21.5	0.0750	0.0620	0.0410	0.0070	0.0000	0.0070	0.0000	0.0550	0.4590	0.1230	0.0140	0.0270	0.6990	1.9320	0.5210	0.0620	4.0840
28.0	0.0000	0.0000	0.0070	0.0000	0.0000	0.0000	0.0000	0.0000	0.0140	0.0000	0.0000	0.0070	0.1780	0.3840	0.0690	0.0210	0.6800
ALL	5.6890	3.1710	2.2290	1.0980	0.6500	0.5190	1.1170	2.7160	14.5130	3.3270	1.2180	1.3270	6.4020	10.0490	4.8110	1.8730	60.7090

STABILITY CLASS 5

1.5	1.0750	0.4380	0.5030	0.5200	0.5520	0.3540	0.5820	0.5530	2.3710	0.9440	0.7990	0.4750	0.6350	0.5560	0.6040	0.4930	11.4540
5.5	1.2260	0.3290	0.3560	0.3080	0.1850	0.1780	0.2670	0.5210	2.0480	0.8560	0.5410	0.5270	0.6440	0.6300	0.5620	0.3770	9.5550
10.0	0.6100	0.1780	0.1100	0.0480	0.0140	0.0070	0.0070	0.1300	0.7670	0.1160	0.0960	0.1580	0.7880	0.7950	0.3490	0.1510	4.3240
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	2.9110	0.9450	0.9690	0.8760	0.7510	0.5390	0.8560	1.2040	5.1860	1.9160	1.4360	1.1600	2.0670	1.9810	1.5150	1.0210	25.3330

STABILITY CLASS 6

1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
5.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
ALL	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000

ALL	9.9490	5.0060	4.1320	2.6450	1.9150	1.3080	2.4640	4.7460	22.5530	6.1850	3.1630	2.9820	9.5010	12.9100	7.1560	3.3990	100.0140	

REGION: SAMPLE ISL FACILITY
 METSET: GENERIC MET STATION

CODE: MILDOS-AREA (02/97)
 DATA: sampisl.dat

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```
-----INDIVIDUAL RECEPTOR LOCATION DATA, 8 LOCATIONS INPUT THIS RUN-----
 I      LOCATION NAMES      X(KM)  Y(KM)  Z(M)  DIST(KM)  TYPE      I      LOCATION NAMES      X(KM)  Y(KM)  Z(M)  DIST(KM)  TYPE
-----
```

I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE
1	Resident 1	0.99	1.34	0.00	1.66	0	5	Grazing Area 5	-3.18	1.27	0.00	3.43	0
2	Resident 2	1.47	0.11	0.00	1.47	0	6	Resident 6	-2.27	-0.08	0.00	2.28	0
3	Resident 3	1.01	-1.27	0.00	1.62	0	7	Resident 7	-4.43	-1.46	0.00	4.67	0
4	Resident 4	0.18	-2.61	0.00	2.61	0	8	Resident 8	-6.33	1.98	0.00	6.63	0

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MISCELLANEOUS INPUTABLE PARAMETER VALUES

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DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
150.0	1550.0	1997.00	0.50	0.50	0.50	0.50	320.00	1400.00	230.00	2.50

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IPACT EQUALS 0, 0, 0, 0, 0, 0, 0, 0, 0, 0, 1,

JC EQUALS 1, 0, 1, 0, 0, 1, 1, 0, 1, 0

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TIME STEP DATA... STEP NAMES LENGTH, YRS IFTODO
```

STEP	STEP NAMES	LENGTH, YRS	IFTODO
1	10-Year Action Perio	10.00	1
2	10-Year Restoration	10.00	1

XRHO EQUALS 1.5, 2.5, 3.5, 4.5, 7.5, 15.0, 25.0, 35.0, 45.0, 55.0, 65.0, 75.0,

HDP EQUALS 50.0

REGION: SAMPLE ISL FACILITY
 METSET: GENERIC MET STATION

CODE: MILDOS-AREA (02/97)
 DATA: sampisl.dat

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POPULATION DISTRIBUTION

KILOMETERS	N 0.0	NNE 22.5	NE 45.0	ENE 67.5	E 90.0	ESE 112.5	SE 135.0	SSE 157.5	S 180.0	SSW 202.5	SW 225.0	WSW 247.5	W 270.0	WNW 292.5	NW 315.0	NNW 337.5
1.0- 2.0	572	1145	1145	1145	572	572	572	916	286	12	12	12	114	114	229	286
2.0- 3.0	286	286	1288	1431	1431	1431	143	215	143	15	15	15	15	15	15	15
3.0- 4.0	401	1603	1402	1202	2003	2003	21	21	200	21	21	21	21	21	21	21
4.0- 5.0	515	1288	258	1545	258	773	26	26	26	26	26	26	26	26	44	26
5.0-10.0	221	221	779	221	221	221	221	221	221	221	221	370	519	519	519	260
10.0-20.0	3178	4073	4073	883	883	883	883	883	883	883	1360	2076	2076	2009	1476	1409
20.0-30.0	6078	6789	6789	1472	1472	1472	1472	1472	1472	2068	3460	3460	3460	2904	2348	2348
30.0-40.0	4842	9505	9505	3921	2060	2060	2060	2060	2060	3870	4844	4844	4844	3677	3287	3287
40.0-50.0	7011	12220	12220	8870	2649	2649	2707	3296	2721	3656	6143	4789	2809	4427	4226	4226
50.0-60.0	7959	14591	13210	14092	3238	3238	3677	4995	4995	4995	6304	4665	3214	4092	5166	6121
60.0-70.0	9705	15101	12551	15611	5900	3826	4761	5904	5904	5904	6368	4838	3798	3798	5841	7718
70.0-80.0	9708	15552	14482	16542	8403	4415	6404	6812	6812	6812	6812	5162	4382	4382	6384	7256
1.0-80.0	50476	82374	77702	66935	29090	23543	22947	26821	25723	28483	35586	30278	25278	25984	29556	32973

TOTAL 1-80 KM POPULATION IS 613749 PERSONS

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

CODE: MILDOS-AREA (02/97)
DATA: sampisl.dat

PAGE 5
03/14/97

FINITE ELEMENT DATA FOR SOURCE NO. 10: IPX= 1 ID= 6001

AREA SOURCE ELEMENT NO. =	1	NODES=	8	3	1	2
AREA SOURCE ELEMENT NO. =	2	NODES=	7	4	8	3
AREA SOURCE ELEMENT NO. =	3	NODES=	6	5	7	4

NODAL COORDINATES (M):

NODE NO. =	1	XS=	-7.7600E+02	YS=	-1.3540E+03
NODE NO. =	2	XS=	-5.4700E+02	YS=	-1.3680E+03
NODE NO. =	3	XS=	-4.6600E+02	YS=	-1.5560E+03
NODE NO. =	4	XS=	-5.2000E+02	YS=	-1.7720E+03
NODE NO. =	5	XS=	-6.6900E+02	YS=	-1.8390E+03
NODE NO. =	6	XS=	-8.3000E+02	YS=	-1.8250E+03
NODE NO. =	7	XS=	-9.5200E+02	YS=	-1.7040E+03
NODE NO. =	8	XS=	-9.1100E+02	YS=	-1.4480E+03

NUMBER OF SOURCES=10

NO.	KM X	KM Y	M Z	KM2 AREA	U-238	Th-230	CI/YEAR Ra-226	Pb-210	Rn-222	ID	PSIZE SET	M/SEC EXIT VEL	SOURCE NAME
1	0.00	0.00	20.00	0.0000	1.46E-01	7.30E-04	7.30E-04	7.30E-04	0.00E+00	1101	1	1.70E+01	Yellowcake Dryer
2	0.00	0.00	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00	1102	1	0.00E+00	Plant IX- Radon
3	-0.34	-0.09	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.53E+02	1203	1	0.00E+00	Settling Pond P1
4	-6.63	-0.38	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.90E+00	1304	1	0.00E+00	Satellite Facility
5	-6.71	-0.60	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.40E+01	1305	1	0.00E+00	Settling Pond P2
6	-7.00	1.20	0.00	0.0600	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.70E-02	2001	3	0.00E+00	New Wellfield 1
7	-5.30	-1.30	0.00	0.0500	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.90E+01	2002	3	0.00E+00	Prod. Wellfield 2
8	-1.20	0.30	0.00	0.0550	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.30E+01	2003	3	0.00E+00	Prod. Wellfield 3
9	-0.23	0.50	0.00	0.1000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.10E+02	2004	3	0.00E+00	Rest. Wellfield 4
10	-0.78	-1.35	0.00	0.1853	9.12E-03	3.76E-05	2.32E-04	2.32E-04	7.60E+00	6001	3	0.00E+00	Irrigation Plot

INPUT TAILS ACTIVITIES, PCI/G

SET	URANIUM	THORIUM	RADIUM	LEAD
1	5.10E+01	2.10E-01	1.30E+00	1.30E+00
2	0.00E+00	0.00E+00	0.00E+00	0.00E+00
3	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AMAD AND FRACTIONAL DISTRIBUTION

SET	1.5	3.0	7.7	54.0
1	0.000	1.000	0.000	0.000
2	1.000	0.000	0.000	0.000
3	0.000	0.000	0.300	0.700

PARTICULATE SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 10.00YRS	TSTEP 2 10.00YRS	TSTEP 3 0.00YRS	TSTEP 4 0.00YRS	TSTEP 5 0.00YRS	TSTEP 6 0.00YRS	TSTEP 7 0.00YRS	TSTEP 8 0.00YRS	TSTEP 9 0.00YRS	TSTEP10 0.00YRS
1	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 10.00YRS	TSTEP 2 10.00YRS	TSTEP 3 0.00YRS	TSTEP 4 0.00YRS	TSTEP 5 0.00YRS	TSTEP 6 0.00YRS	TSTEP 7 0.00YRS	TSTEP 8 0.00YRS	TSTEP 9 0.00YRS	TSTEP10 0.00YRS
1	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	1.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

10 1.000E+00 1.000E+00 1.000E+00 1.000E+00 1.000E+00 1.000E+00 1.000E+00 1.000E+00 1.000E+00 1.000E+00

INHALATION DOSE CONVERSION FACTORS, MREM/YR PER PCI/M3, FOR AGE GROUP OF INFANT

AMAD= 1.5 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	3.42E+03	3.85E+03	4.68E+03	6.49E+02	1.74E+02	4.10E+00	8.80E+02
BONE	4.84E+01	5.41E+01	2.17E+04	5.92E+02	5.47E+02	7.03E-02	2.10E+02
AVG. LUNG	2.69E+04	3.08E+04	3.10E+04	4.17E+03	5.07E+01	5.96E+01	3.36E+03
LIVER	3.51E-01	3.23E-01	1.16E+02	4.42E+01	2.83E+03	1.32E+00	2.54E+02
KIDNEY	4.67E+01	5.23E+01	1.21E+01	1.68E+01	1.08E+03	3.48E+01	1.32E+03
AMAD= 3.0 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	2.08E+03	2.33E+03	3.05E+03	4.63E+02	1.90E+02	3.25E+00	7.26E+02
BONE	3.56E+01	3.98E+01	1.57E+04	6.64E+02	5.94E+02	8.98E-02	2.37E+02
AVG. LUNG	1.70E+04	1.94E+04	1.96E+04	2.63E+03	5.51E+01	3.77E+01	2.12E+03
LIVER	2.48E-01	2.38E-01	8.41E+01	4.95E+01	3.08E+03	1.69E+00	2.88E+02
KIDNEY	3.44E+01	3.86E+01	8.73E+00	1.88E+01	1.16E+03	4.13E+01	1.49E+03
AMAD= 7.7 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	1.11E+03	1.25E+03	1.85E+03	3.08E+02	2.28E+02	2.91E+00	7.61E+02
BONE	3.60E+01	4.02E+01	1.18E+04	8.37E+02	7.46E+02	1.27E-01	3.00E+02
AVG. LUNG	7.50E+03	8.38E+03	8.46E+03	1.14E+03	6.67E+01	1.78E+01	9.16E+02
LIVER	2.30E-01	2.47E-01	7.57E+01	6.37E+01	3.71E+03	2.30E+00	3.52E+02
KIDNEY	3.71E+01	4.20E+01	7.71E+00	2.51E+01	1.39E+03	5.34E+01	1.85E+03
AMAD=54.0 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	2.49E+00	2.74E+00	5.25E+02	1.45E+02	2.17E+02	1.82E+00	4.98E+02
BONE	2.04E+01	2.28E+01	6.11E+03	7.79E+02	7.13E+02	1.40E-01	2.66E+02
AVG. LUNG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.38E+01	0.00E+00	0.00E+00
LIVER	1.09E-01	1.40E-01	3.92E+01	5.93E+01	3.55E+03	2.53E+00	3.12E+02
KIDNEY	2.10E+01	2.38E+01	3.99E+00	2.34E+01	1.32E+03	4.75E+01	1.64E+03
AMAD= 0.3 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	6.97E+03	7.81E+03	9.06E+03	1.18E+03	1.75E+02	6.52E+00	1.30E+03
BONE	8.37E+01	9.35E+01	4.21E+04	5.42E+02	5.39E+02	4.04E-02	1.75E+02
AVG. LUNG	5.84E+04	6.67E+04	6.73E+04	9.03E+03	5.00E+01	1.21E+02	7.29E+03
LIVER	6.15E-01	5.35E-01	2.06E+02	3.64E+01	2.80E+03	7.62E-01	1.98E+02
KIDNEY	7.63E+01	8.55E+01	2.12E+01	1.43E+01	1.09E+03	2.51E+01	1.10E+03

INHALATION DOSE CONVERSION FACTORS, MREM/YR PER PCI/M3, FOR AGE GROUP OF CHILD

AMAD= 1.5 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	1.64E+03	1.84E+03	2.58E+03	1.62E+02	8.37E+01	1.97E+00	2.05E+02
BONE	3.23E+01	3.60E+01	1.91E+04	1.86E+02	4.00E+02	5.14E-02	2.27E+01
AVG. LUNG	1.32E+04	1.47E+04	1.49E+04	1.18E+03	2.30E+01	2.70E+01	9.53E+02
LIVER	1.62E-01	1.46E-01	6.50E+01	9.12E+00	1.18E+03	5.53E-01	6.00E+01
KIDNEY	2.04E+01	2.29E+01	7.00E+00	4.42E+00	4.98E+02	1.61E+01	3.19E+02
AMAD= 3.0 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	9.97E+02	1.12E+03	1.68E+03	1.16E+02	9.11E+01	1.56E+00	1.69E+02
BONE	2.38E+01	2.66E+01	1.38E+04	2.09E+02	4.35E+02	6.57E-02	2.57E+01
AVG. LUNG	8.32E+03	9.31E+03	9.39E+03	7.45E+02	2.50E+01	1.71E+01	6.01E+02
LIVER	1.14E-01	1.08E-01	4.70E+01	1.02E+01	1.29E+03	7.07E-01	6.78E+01
KIDNEY	1.51E+01	1.69E+01	5.07E+00	4.95E+00	5.37E+02	1.91E+01	3.61E+02
AMAD= 7.7 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	5.33E+02	5.97E+02	9.93E+02	6.72E+01	1.10E+02	1.40E+00	1.56E+02
BONE	1.46E+01	1.51E+01	8.90E+03	2.43E+02	4.88E+02	8.34E-02	3.00E+01
AVG. LUNG	3.59E+03	4.02E+03	4.05E+03	3.22E+02	2.76E+01	7.36E+00	2.60E+02
LIVER	7.77E-02	8.02E-02	3.31E+01	1.24E+01	1.47E+03	9.15E-01	7.97E+01
KIDNEY	1.14E+01	1.28E+01	3.59E+00	5.99E+00	6.14E+02	2.35E+01	4.26E+02
AMAD=54.0 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	1.19E+00	1.31E+00	2.81E+02	3.15E+01	1.04E+02	8.77E-01	1.02E+02
BONE	8.28E+00	8.54E+00	4.61E+03	2.26E+02	4.67E+02	9.15E-02	2.66E+01
AVG. LUNG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.64E+01	0.00E+00	0.00E+00
LIVER	3.67E-02	4.54E-02	1.71E+01	1.15E+01	1.41E+03	1.00E+00	7.07E+01
KIDNEY	6.46E+00	7.24E+00	1.86E+00	5.58E+00	5.82E+02	2.09E+01	3.78E+02
AMAD= 0.3 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	3.34E+03	3.74E+03	5.00E+03	3.06E+02	8.76E+01	3.26E+00	3.24E+02
BONE	6.17E+01	6.89E+01	3.71E+04	1.77E+02	4.09E+02	3.06E-02	2.01E+01
AVG. LUNG	2.86E+04	3.20E+04	3.22E+04	2.56E+03	2.33E+01	5.66E+01	2.07E+03
LIVER	3.07E-01	2.68E-01	1.26E+02	8.39E+00	1.24E+03	3.39E-01	5.29E+01
KIDNEY	3.91E+01	4.38E+01	1.36E+01	3.92E+00	5.12E+02	1.18E+01	2.80E+02

INHALATION DOSE CONVERSION FACTORS, MREM/YR PER PCI/M3, FOR AGE GROUP OF TEENAGE

AMAD= 1.5 μ m	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	8.55E+02	9.62E+02	1.77E+03	9.20E+01	9.06E+01	2.13E+00	9.38E+01
BONE	4.15E+01	4.63E+01	1.97E+04	7.02E+02	9.58E+02	1.23E-01	1.46E+01
AVG.LUNG	6.88E+03	7.69E+03	7.76E+03	5.21E+02	9.51E+00	1.12E+01	4.20E+02
LIVER	8.43E-02	7.30E-02	3.76E+01	5.30E+00	5.07E+02	2.37E-01	2.73E+01
KIDNEY	1.17E+01	1.31E+01	4.28E+00	5.89E+00	2.39E+02	7.74E+00	1.65E+02
AMAD= 3.0 μ m	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	5.20E+02	5.83E+02	1.16E+03	6.56E+01	9.87E+01	1.69E+00	7.74E+01
BONE	3.06E+01	3.41E+01	1.43E+04	7.87E+02	1.04E+03	1.57E-01	1.65E+01
AVG.LUNG	4.34E+03	4.85E+03	4.90E+03	3.29E+02	1.03E+01	7.06E+00	2.65E+02
LIVER	5.95E-02	5.38E-02	2.72E+01	5.94E+00	5.51E+02	3.03E-01	3.08E+01
KIDNEY	8.61E+00	9.64E+00	3.10E+00	6.60E+00	2.58E+02	9.18E+00	1.87E+02
AMAD= 7.7 μ m	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	2.78E+02	3.12E+02	6.62E+02	5.88E+01	1.10E+02	1.40E+00	7.18E+01
BONE	2.47E+01	2.77E+01	9.08E+03	9.49E+02	1.22E+03	2.08E-01	2.03E+01
AVG.LUNG	1.87E+03	2.09E+03	2.11E+03	1.42E+02	1.24E+01	3.30E+00	1.15E+02
LIVER	3.89E-02	3.86E-02	1.73E+01	7.11E+00	6.61E+02	4.10E-01	3.75E+01
KIDNEY	6.18E+00	6.92E+00	1.97E+00	8.61E+00	3.07E+02	1.18E+01	2.27E+02
AMAD=54.0 μ m	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	6.22E-01	6.85E-01	1.88E+02	2.76E+01	1.04E+02	8.77E-01	4.70E+01
BONE	1.40E+01	1.57E+01	4.70E+03	8.83E+02	1.17E+03	2.29E-01	1.80E+01
AVG.LUNG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E+01	0.00E+00	0.00E+00
LIVER	1.83E-02	2.19E-02	8.98E+00	6.62E+00	6.32E+02	4.50E-01	3.33E+01
KIDNEY	3.50E+00	3.92E+00	1.02E+00	8.02E+00	2.91E+02	1.05E+01	2.02E+02
AMAD= 0.3 μ m	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	1.74E+03	1.95E+03	3.44E+03	1.58E+02	8.76E+01	3.26E+00	1.48E+02
BONE	7.49E+01	8.37E+01	3.83E+04	6.46E+02	1.01E+03	7.54E-02	1.27E+01
AVG.LUNG	1.49E+04	1.67E+04	1.68E+04	1.13E+03	9.99E+00	2.42E+01	9.11E+02
LIVER	1.54E-01	1.28E-01	6.64E+01	4.76E+00	5.33E+02	1.45E-01	2.48E+01
KIDNEY	2.05E+01	2.29E+01	7.56E+00	4.76E+00	2.56E+02	5.91E+00	1.50E+02

INHALATION DOSE CONVERSION FACTORS, MREM/YR PER PCI/M3, FOR AGE GROUP OF ADULT

AMAD= 1.5 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	7.13E+02	8.02E+02	1.61E+03	5.41E+01	6.97E+01	1.64E+00	5.87E+01
BONE	2.30E+01	2.57E+01	1.97E+04	2.19E+02	5.64E+02	7.24E-02	5.82E+00
AVG.LUNG	5.73E+03	6.41E+03	6.47E+03	3.47E+02	7.92E+00	9.32E+00	2.80E+02
LIVER	7.03E-02	6.09E-02	3.42E+01	2.94E+00	4.23E+02	1.97E-01	1.82E+01
KIDNEY	9.73E+00	1.09E+01	3.89E+00	2.94E+00	1.99E+02	6.45E+00	1.10E+02

AMAD= 3.0 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	4.34E+02	4.85E+02	1.05E+03	3.86E+01	7.59E+01	1.30E+00	4.84E+01
BONE	1.70E+01	1.90E+01	1.43E+04	2.46E+02	6.12E+02	9.26E-02	6.58E+00
AVG.LUNG	3.62E+03	4.05E+03	4.08E+03	2.19E+02	8.61E+00	5.88E+00	1.77E+02
LIVER	4.96E-02	4.48E-02	2.47E+01	3.30E+00	4.59E+02	2.52E-01	2.05E+01
KIDNEY	7.17E+00	8.03E+00	2.81E+00	3.30E+00	2.15E+02	7.65E+00	1.25E+02

AMAD= 7.7 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	2.32E+02	2.60E+02	6.62E+02	2.80E+01	8.45E+01	1.08E+00	4.23E+01
BONE	1.12E+01	1.26E+01	9.08E+03	2.79E+02	6.78E+02	1.16E-01	7.51E+00
AVG.LUNG	1.56E+03	1.75E+03	1.76E+03	9.46E+01	9.53E+00	2.54E+00	7.63E+01
LIVER	2.99E-02	2.97E-02	1.58E+01	3.74E+00	5.08E+02	3.16E-01	2.34E+01
KIDNEY	4.75E+00	5.32E+00	1.79E+00	3.74E+00	2.36E+02	9.04E+00	1.42E+02

AMAD=54.0 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	5.18E-01	5.71E-01	1.88E+02	1.31E+01	8.03E+01	6.75E-01	2.77E+01
BONE	6.37E+00	7.12E+00	4.70E+03	2.60E+02	6.48E+02	1.27E-01	6.66E+00
AVG.LUNG	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.11E+00	0.00E+00	0.00E+00
LIVER	1.41E-02	1.68E-02	8.16E+00	3.49E+00	4.86E+02	3.46E-01	2.08E+01
KIDNEY	2.69E+00	3.01E+00	9.29E-01	3.49E+00	2.24E+02	8.05E+00	1.26E+02

AMAD= 0.3 µm	U-238	U-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
EFFECTIV	1.45E+03	1.63E+03	3.12E+03	9.86E+01	7.30E+01	2.72E+00	9.27E+01
BONE	4.41E+01	4.92E+01	3.83E+04	2.09E+02	5.92E+02	4.44E-02	5.29E+00
AVG.LUNG	1.24E+04	1.39E+04	1.40E+04	7.53E+02	8.33E+00	2.02E+01	6.07E+02
LIVER	1.40E-01	1.16E-01	6.64E+01	2.80E+00	4.44E+02	1.21E-01	1.65E+01
KIDNEY	1.86E+01	2.08E+01	7.56E+00	2.80E+00	2.13E+02	4.93E+00	1.00E+02

EXTERNAL WHOLE BODY DOSE CONVERSION FACTORS

	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214
GROUND, MR/YR PER PCI/M2	3.70E-06	6.12E-07	9.47E-07	2.27E-06	5.03E-08	1.10E-08	3.16E-05	1.85E-04
CLOUD, MR/YR PER PCI/M3	1.23E-04	3.59E-06	4.90E-05	1.43E-05	2.83E-06	6.34E-07	1.67E-03	1.16E-02
WORKING LEVEL CONCENTRATION FACTORS, WL PER PCI/M3	1.03E-06	5.07E-06	3.73E-06

INGESTION DOSE CONVERSION FACTORS, MREM PER PCI INGESTED

AGE GROUP	TISSUE	U-238	U-234	Th-234	Th-230	Ra-226	Pb-210	Bi-210	Po-210
INFANT	EFFECTIV	1.61E-02	1.79E-02	8.57E-04	2.51E-02	2.11E-02	3.11E-02	3.88E-05	7.95E-02
INFANT	BONE	4.49E-02	5.43E-02	9.24E-07	4.39E-02	1.09E-01	1.86E-01	6.00E-07	3.29E-02
INFANT	LIVER	2.72E-04	3.15E-04	4.93E-07	3.74E-03	8.48E-03	3.62E-01	7.52E-06	4.48E-02
INFANT	KIDNEY	4.93E-02	5.71E-02	4.38E-07	3.53E-04	3.32E-03	1.35E-01	2.86E-04	2.23E-01
CHILD	EFFECTIV	9.95E-04	1.14E-03	5.30E-05	1.53E-03	2.38E-03	8.67E-03	1.08E-05	9.12E-03
CHILD	BONE	4.86E-03	5.43E-03	1.00E-07	3.32E-03	2.50E-02	7.86E-02	2.53E-07	2.07E-03
CHILD	LIVER	3.74E-05	4.20E-05	6.78E-08	1.45E-04	1.32E-03	8.81E-02	1.83E-06	6.88E-03
CHILD	KIDNEY	6.01E-03	6.75E-03	5.34E-08	1.54E-05	6.44E-04	3.54E-02	7.48E-05	3.44E-02
TEENAGE	EFFECTIV	7.90E-04	8.80E-04	4.22E-05	1.20E-03	4.22E-03	1.12E-02	1.40E-05	4.85E-03
TEENAGE	BONE	1.83E-02	2.05E-02	3.77E-07	3.32E-03	1.09E-01	2.35E-01	7.57E-07	1.65E-03
TEENAGE	LIVER	2.13E-05	2.39E-05	3.85E-08	5.94E-05	8.14E-04	4.75E-02	9.87E-07	3.68E-03
TEENAGE	KIDNEY	3.85E-03	4.33E-03	3.43E-08	6.80E-06	1.02E-03	2.18E-02	4.62E-05	2.04E-02
ADULT	EFFECTIV	2.55E-04	2.84E-04	1.36E-05	5.46E-04	1.32E-03	5.10E-03	6.36E-06	1.94E-03
ADULT	BONE	3.74E-03	4.18E-03	7.70E-08	1.33E-03	2.53E-02	8.10E-02	2.61E-07	4.22E-04
ADULT	LIVER	8.51E-06	9.55E-06	1.54E-08	2.20E-05	3.39E-04	2.26E-02	4.70E-07	1.60E-03
ADULT	KIDNEY	1.54E-03	1.73E-03	1.37E-08	2.52E-06	3.39E-04	1.04E-02	2.20E-05	9.29E-03

ENVIRONMENTAL CONCENTRATION FACTORS						
CONCENTRATION FACTOR	FOOD TYPE	U-238	Th-230	Ra-226	Pb-210	
BIV, DIMENSIONLESS	ED.ABG.	2.50E-03	4.20E-03	1.40E-02	4.00E-03	
BIV, DIMENSIONLESS	POTATO	2.50E-03	4.20E-03	3.00E-03	4.00E-03	
BIV, DIMENSIONLESS	BELOW G.	2.50E-03	4.20E-03	1.40E-02	4.00E-03	
BIV, DIMENSIONLESS	FORAGE	2.50E-03	4.20E-03	1.80E-02	2.80E-02	
BIV, DIMENSIONLESS	ST. FEED	2.50E-03	4.20E-03	8.20E-02	3.60E-02	
FBI, PCI/KG PER PCI/DAY	MEAT	3.40E-04	2.00E-04	5.10E-04	7.10E-04	
FMI, PCI/L PER PCI/DAY	MILK	6.10E-04	5.00E-06	5.90E-04	1.20E-04	
FRACTION IN ED PORTION	ED.ABG.	1.00E+00	1.00E+00	1.00E+00	1.00E+00	
FRACTION IN ED PORTION	POTATO	1.00E-01	1.00E-01	1.00E-01	1.00E-01	
FRACTION IN ED PORTION	BELOW G.	1.00E-01	1.00E-01	1.00E-01	1.00E-01	
FRACTION IN ED PORTION	FORAGE	1.00E+00	1.00E+00	1.00E+00	1.00E+00	
FRACTION IN ED PORTION	ST. FEED	1.00E+00	1.00E+00	1.00E+00	1.00E+00	

TIME STEP DEPENDENT VARIABLES										
NO.	TIME STEP NAME	PAJUST	GFACT				TFACT			
			U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	10-Year Action Perio	1.000E+00	2.947E+08	2.947E+08	2.941E+08	2.542E+08	1.624E+00	1.624E+00	1.624E+00	1.620E+00
2	10-Year Restoration	1.000E+00	2.947E+08	2.947E+08	2.941E+08	2.542E+08	1.624E+00	1.624E+00	1.624E+00	1.620E+00

XPFACT=2.640E+02 GPFAC(4)=1.707E+09 1.707E+09 1.679E+09 6.943E+08 TPFAC(4)=1.638E+00 1.638E+00 1.638E+00 1.624E+00

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.196E-02	5.980E-05	6.018E-05	6.003E-05	2.725E+01	2.437E+01	9.336E+00	3.697E+00	3.514E-06	8.622E-05
2.5	6.583E-03	3.290E-05	3.318E-05	3.309E-05	1.278E+01	1.222E+01	6.688E+00	3.882E+00	6.080E-06	6.097E-05
3.5	4.093E-03	2.046E-05	2.066E-05	2.061E-05	8.324E+00	8.154E+00	5.251E+00	3.649E+00	8.577E-06	4.863E-05
4.5	2.773E-03	1.386E-05	1.402E-05	1.398E-05	6.007E+00	5.947E+00	4.216E+00	3.223E+00	1.044E-05	3.952E-05
7.5	1.167E-03	5.833E-06	5.917E-06	5.902E-06	3.035E+00	3.032E+00	2.476E+00	2.103E+00	1.311E-05	2.352E-05
15.0	3.155E-04	1.576E-06	1.609E-06	1.605E-06	1.178E+00	1.179E+00	1.088E+00	9.915E-01	1.371E-05	1.043E-05
25.0	1.112E-04	5.556E-07	5.698E-07	5.684E-07	5.999E-01	6.002E-01	5.837E-01	5.587E-01	1.323E-05	5.662E-06
35.0	5.553E-05	2.773E-07	2.854E-07	2.847E-07	3.785E-01	3.787E-01	3.751E-01	3.675E-01	1.243E-05	3.663E-06
45.0	3.323E-05	1.659E-07	1.712E-07	1.708E-07	2.654E-01	2.655E-01	2.650E-01	2.626E-01	1.166E-05	2.597E-06
55.0	2.214E-05	1.106E-07	1.144E-07	1.141E-07	1.985E-01	1.986E-01	1.989E-01	1.983E-01	1.097E-05	1.953E-06
65.0	1.583E-05	7.902E-08	8.188E-08	8.167E-08	1.551E-01	1.552E-01	1.557E-01	1.557E-01	1.036E-05	1.530E-06
75.0	1.188E-05	5.929E-08	6.151E-08	6.136E-08	1.251E-01	1.252E-01	1.257E-01	1.259E-01	9.831E-06	1.236E-06

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	2.180E+04	1.089E+02	1.112E+02	1.112E+02	0.000E+00	1.305E+02	1.305E+02	1.305E+02	2.680E+00	
2.5	1.201E+04	5.996E+01	6.159E+01	6.159E+01	0.000E+00	7.127E+01	7.127E+01	7.127E+01	4.637E+00	
3.5	7.470E+03	3.730E+01	3.847E+01	3.847E+01	0.000E+00	4.493E+01	4.493E+01	4.493E+01	6.541E+00	
4.5	5.063E+03	2.527E+01	2.615E+01	2.615E+01	0.000E+00	3.086E+01	3.086E+01	3.086E+01	7.959E+00	
7.5	2.132E+03	1.064E+01	1.107E+01	1.107E+01	0.000E+00	1.347E+01	1.347E+01	1.347E+01	9.995E+00	
15.0	5.767E+02	2.877E+00	3.018E+00	3.018E+00	0.000E+00	3.951E+00	3.951E+00	3.951E+00	1.046E+01	
25.0	2.032E+02	1.014E+00	1.065E+00	1.065E+00	0.000E+00	1.540E+00	1.540E+00	1.540E+00	1.009E+01	
35.0	1.014E+02	5.056E-01	5.315E-01	5.315E-01	0.000E+00	8.315E-01	8.315E-01	8.315E-01	9.480E+00	
45.0	6.061E+01	3.024E-01	3.178E-01	3.178E-01	0.000E+00	5.281E-01	5.281E-01	5.281E-01	8.890E+00	
55.0	4.037E+01	2.014E-01	2.118E-01	2.118E-01	0.000E+00	3.691E-01	3.691E-01	3.691E-01	8.364E+00	
65.0	2.884E+01	1.439E-01	1.512E-01	1.512E-01	0.000E+00	2.742E-01	2.742E-01	2.742E-01	7.903E+00	
75.0	2.163E+01	1.079E-01	1.134E-01	1.134E-01	0.000E+00	2.125E-01	2.125E-01	2.125E-01	7.497E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	1.201E-04	6.000E-07	6.141E-07	6.231E-07
2.5	6.616E-05	3.304E-07	3.401E-07	3.575E-07
3.5	4.116E-05	2.055E-07	2.124E-07	2.376E-07
4.5	2.790E-05	1.393E-07	1.444E-07	1.753E-07
7.5	1.175E-05	5.864E-08	6.113E-08	1.003E-07
15.0	3.178E-06	1.586E-08	1.666E-08	5.776E-08
25.0	1.120E-06	5.586E-09	5.880E-09	4.554E-08
35.0	5.585E-07	2.786E-09	2.935E-09	4.022E-08
45.0	3.340E-07	1.666E-09	1.755E-09	3.672E-08
55.0	2.224E-07	1.110E-09	1.170E-09	3.407E-08
65.0	1.589E-07	7.929E-10	8.351E-10	3.192E-08
75.0	1.192E-07	5.947E-10	6.260E-10	3.012E-08

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	4.257E-03	2.128E-05	2.133E-05	2.128E-05	8.309E+00	7.386E+00	3.171E+00	1.625E+00	2.639E-06	2.975E-05
2.5	2.266E-03	1.133E-05	1.137E-05	1.134E-05	4.365E+00	4.125E+00	2.190E+00	1.398E+00	3.325E-06	2.056E-05
3.5	1.400E-03	7.000E-06	7.062E-06	7.044E-06	2.829E+00	2.748E+00	1.652E+00	1.175E+00	3.811E-06	1.559E-05
4.5	9.516E-04	4.754E-06	4.843E-06	4.830E-06	2.032E+00	2.001E+00	1.308E+00	9.862E-01	4.123E-06	1.237E-05
7.5	4.085E-04	2.039E-06	2.116E-06	2.111E-06	1.028E+00	1.025E+00	7.768E-01	6.288E-01	4.484E-06	7.340E-06
15.0	1.166E-04	5.816E-07	6.169E-07	6.154E-07	3.985E-01	3.987E-01	3.527E-01	3.084E-01	4.297E-06	3.349E-06
25.0	4.356E-05	2.171E-07	2.334E-07	2.328E-07	1.948E-01	1.949E-01	1.856E-01	1.729E-01	3.864E-06	1.787E-06
35.0	2.259E-05	1.125E-07	1.220E-07	1.217E-07	1.212E-01	1.213E-01	1.188E-01	1.144E-01	3.535E-06	1.154E-06
45.0	1.383E-05	6.891E-08	7.514E-08	7.495E-08	8.461E-02	8.466E-02	8.397E-02	8.235E-02	3.274E-06	8.201E-07
55.0	9.352E-06	4.657E-08	5.110E-08	5.097E-08	6.336E-02	6.339E-02	6.326E-02	6.265E-02	3.064E-06	6.197E-07
65.0	6.742E-06	3.357E-08	3.696E-08	3.686E-08	4.960E-02	4.963E-02	4.968E-02	4.947E-02	2.886E-06	4.875E-07
75.0	5.088E-06	2.533E-08	2.797E-08	2.790E-08	4.010E-02	4.012E-02	4.023E-02	4.019E-02	2.733E-06	3.952E-07

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	7.737E+03	3.867E+01	3.892E+01	3.892E+01	0.000E+00	4.477E+01	4.477E+01	4.477E+01	2.013E+00	
2.5	4.121E+03	2.059E+01	2.081E+01	2.081E+01	0.000E+00	2.407E+01	2.407E+01	2.407E+01	2.536E+00	
3.5	2.556E+03	1.276E+01	1.317E+01	1.317E+01	0.000E+00	1.535E+01	1.535E+01	1.535E+01	2.906E+00	
4.5	1.748E+03	8.714E+00	9.302E+00	9.302E+00	0.000E+00	1.089E+01	1.089E+01	1.089E+01	3.144E+00	
7.5	7.577E+02	3.768E+00	4.248E+00	4.248E+00	0.000E+00	5.060E+00	5.060E+00	5.060E+00	3.419E+00	
15.0	2.177E+02	1.080E+00	1.272E+00	1.272E+00	0.000E+00	1.588E+00	1.588E+00	1.588E+00	3.277E+00	
25.0	8.127E+01	4.031E-01	4.790E-01	4.790E-01	0.000E+00	6.334E-01	6.334E-01	6.334E-01	2.947E+00	
35.0	4.205E+01	2.086E-01	2.479E-01	2.479E-01	0.000E+00	3.439E-01	3.439E-01	3.439E-01	2.696E+00	
45.0	2.569E+01	1.275E-01	1.511E-01	1.511E-01	0.000E+00	2.181E-01	2.181E-01	2.181E-01	2.497E+00	
55.0	1.734E+01	8.605E-02	1.020E-01	1.020E-01	0.000E+00	1.522E-01	1.522E-01	1.522E-01	2.337E+00	
65.0	1.248E+01	6.192E-02	7.309E-02	7.309E-02	0.000E+00	1.124E-01	1.124E-01	1.124E-01	2.201E+00	
75.0	9.399E+00	4.665E-02	5.487E-02	5.487E-02	0.000E+00	8.664E-02	8.664E-02	8.664E-02	2.084E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	4.263E-05	2.131E-07	2.149E-07	2.223E-07
2.5	2.271E-05	1.135E-07	1.149E-07	1.246E-07
3.5	1.409E-05	7.034E-08	7.273E-08	8.398E-08
4.5	9.631E-06	4.802E-08	5.137E-08	6.361E-08
7.5	4.175E-06	2.076E-08	2.346E-08	3.685E-08
15.0	1.200E-06	5.954E-09	7.023E-09	1.990E-08
25.0	4.478E-07	2.222E-09	2.645E-09	1.423E-08
35.0	2.317E-07	1.149E-09	1.369E-09	1.197E-08
45.0	1.416E-07	7.024E-10	8.341E-10	1.065E-08
55.0	9.557E-08	4.742E-10	5.633E-10	9.755E-09
65.0	6.876E-08	3.412E-10	4.036E-10	9.061E-09
75.0	5.179E-08	2.571E-10	3.030E-10	8.500E-09

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	6.901E-03	3.406E-05	4.481E-05	4.469E-05	1.197E+01	1.100E+01	4.796E+00	2.233E+00	2.860E-06	4.397E-05
2.5	3.629E-03	1.804E-05	2.068E-05	2.063E-05	6.623E+00	6.427E+00	3.697E+00	2.263E+00	4.199E-06	3.381E-05
3.5	2.180E-03	1.089E-05	1.116E-05	1.114E-05	4.368E+00	4.322E+00	2.879E+00	2.034E+00	5.279E-06	2.664E-05
4.5	1.467E-03	7.331E-06	7.444E-06	7.425E-06	3.227E+00	3.212E+00	2.338E+00	1.792E+00	6.174E-06	2.185E-05
7.5	6.121E-04	3.059E-06	3.093E-06	3.085E-06	1.645E+00	1.645E+00	1.380E+00	1.173E+00	7.388E-06	1.307E-05
15.0	1.636E-04	8.178E-07	8.264E-07	8.244E-07	6.157E-01	6.160E-01	5.814E-01	5.378E-01	7.290E-06	5.588E-06
25.0	5.681E-05	2.839E-07	2.870E-07	2.863E-07	3.162E-01	3.163E-01	3.114E-01	3.024E-01	7.018E-06	3.033E-06
35.0	2.779E-05	1.389E-07	1.405E-07	1.401E-07	1.999E-01	2.000E-01	1.994E-01	1.973E-01	6.590E-06	1.953E-06
45.0	1.625E-05	8.123E-08	8.223E-08	8.202E-08	1.400E-01	1.401E-01	1.403E-01	1.399E-01	6.164E-06	1.378E-06
55.0	1.059E-05	5.290E-08	5.360E-08	5.346E-08	1.046E-01	1.047E-01	1.050E-01	1.051E-01	5.784E-06	1.032E-06
65.0	7.402E-06	3.699E-08	3.750E-08	3.741E-08	8.162E-02	8.167E-02	8.201E-02	8.218E-02	5.452E-06	8.064E-07
75.0	5.442E-06	2.719E-08	2.759E-08	2.752E-08	6.576E-02	6.579E-02	6.609E-02	6.628E-02	5.162E-06	6.501E-07

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	1.610E+04	7.652E+01	1.720E+02	1.720E+02	0.000E+00	1.807E+02	1.807E+02	1.807E+02	2.181E+00	
2.5	7.396E+03	3.606E+01	5.806E+01	5.806E+01	0.000E+00	6.315E+01	6.315E+01	6.315E+01	3.203E+00	
3.5	4.032E+03	2.007E+01	2.216E+01	2.216E+01	0.000E+00	2.558E+01	2.558E+01	2.558E+01	4.026E+00	
4.5	2.690E+03	1.342E+01	1.419E+01	1.419E+01	0.000E+00	1.673E+01	1.673E+01	1.673E+01	4.708E+00	
7.5	1.117E+03	5.578E+00	5.767E+00	5.767E+00	0.000E+00	7.070E+00	7.070E+00	7.070E+00	5.634E+00	
15.0	2.982E+02	1.489E+00	1.528E+00	1.528E+00	0.000E+00	2.015E+00	2.015E+00	2.015E+00	5.560E+00	
25.0	1.034E+02	5.165E-01	5.271E-01	5.271E-01	0.000E+00	7.777E-01	7.777E-01	7.777E-01	5.352E+00	
35.0	5.054E+01	2.525E-01	2.573E-01	2.573E-01	0.000E+00	4.157E-01	4.157E-01	4.157E-01	5.026E+00	
45.0	2.956E+01	1.476E-01	1.504E-01	1.504E-01	0.000E+00	2.613E-01	2.613E-01	2.613E-01	4.701E+00	
55.0	1.924E+01	9.613E-02	9.790E-02	9.790E-02	0.000E+00	1.808E-01	1.808E-01	1.808E-01	4.411E+00	
65.0	1.345E+01	6.721E-02	6.843E-02	6.843E-02	0.000E+00	1.331E-01	1.331E-01	1.331E-01	4.158E+00	
75.0	9.889E+00	4.940E-02	5.029E-02	5.029E-02	0.000E+00	1.024E-01	1.024E-01	1.024E-01	3.936E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	8.870E-05	4.217E-07	9.499E-07	9.561E-07
2.5	4.075E-05	1.987E-07	3.206E-07	3.324E-07
3.5	2.222E-05	1.106E-07	1.224E-07	1.379E-07
4.5	1.483E-05	7.395E-08	7.836E-08	9.668E-08
7.5	6.157E-06	3.074E-08	3.184E-08	5.393E-08
15.0	1.643E-06	8.205E-09	8.435E-09	3.028E-08
25.0	5.697E-07	2.846E-09	2.911E-09	2.396E-08
35.0	2.785E-07	1.391E-09	1.421E-09	2.119E-08
45.0	1.629E-07	8.136E-10	8.303E-10	1.932E-08
55.0	1.060E-07	5.297E-10	5.406E-10	1.789E-08
65.0	7.414E-08	3.704E-10	3.779E-10	1.673E-08
75.0	5.449E-08	2.722E-10	2.777E-10	1.576E-08

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.501E-03	7.495E-06	7.806E-06	7.786E-06	2.838E+01	2.257E+01	5.583E+00	1.716E+00	1.647E-06	5.796E-05
2.5	9.089E-04	4.543E-06	4.570E-06	4.558E-06	5.684E+00	5.572E+00	3.204E+00	1.743E+00	2.343E-06	2.848E-05
3.5	5.762E-04	2.881E-06	2.889E-06	2.882E-06	3.617E+00	3.572E+00	2.450E+00	1.630E+00	2.918E-06	2.218E-05
4.5	3.890E-04	1.945E-06	1.949E-06	1.944E-06	3.913E+00	3.778E+00	2.326E+00	1.505E+00	3.223E-06	2.130E-05
7.5	1.562E-04	7.810E-07	7.822E-07	7.802E-07	3.520E+00	3.365E+00	1.656E+00	9.386E-01	3.605E-06	1.536E-05
15.0	3.621E-05	1.810E-07	1.813E-07	1.808E-07	3.328E-01	3.329E-01	3.254E-01	3.154E-01	4.110E-06	3.169E-06
25.0	1.052E-05	5.261E-08	5.270E-08	5.256E-08	1.356E-01	1.357E-01	1.355E-01	1.347E-01	3.635E-06	1.329E-06
35.0	4.547E-06	2.273E-08	2.278E-08	2.272E-08	7.849E-02	7.854E-02	7.879E-02	7.884E-02	3.249E-06	7.744E-07
45.0	2.488E-06	1.244E-08	1.247E-08	1.244E-08	5.273E-02	5.276E-02	5.299E-02	5.312E-02	2.966E-06	5.212E-07
55.0	1.578E-06	7.888E-09	7.907E-09	7.887E-09	3.848E-02	3.850E-02	3.868E-02	3.880E-02	2.748E-06	3.805E-07
65.0	1.101E-06	5.503E-09	5.516E-09	5.502E-09	2.952E-02	2.954E-02	2.968E-02	2.978E-02	2.569E-06	2.920E-07
75.0	8.152E-07	4.076E-09	4.086E-09	4.076E-09	2.347E-02	2.349E-02	2.360E-02	2.368E-02	2.418E-06	2.322E-07

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	2.805E+03	1.393E+01	1.616E+01	1.616E+01	0.000E+00	3.404E+01	3.404E+01	3.404E+01	1.256E+00	
2.5	1.655E+03	8.270E+00	8.427E+00	8.427E+00	0.000E+00	1.284E+01	1.284E+01	1.284E+01	1.787E+00	
3.5	1.048E+03	5.235E+00	5.281E+00	5.281E+00	0.000E+00	8.110E+00	8.110E+00	8.110E+00	2.226E+00	
4.5	7.069E+02	3.533E+00	3.553E+00	3.553E+00	0.000E+00	6.546E+00	6.546E+00	6.546E+00	2.458E+00	
7.5	2.837E+02	1.418E+00	1.422E+00	1.422E+00	0.000E+00	4.087E+00	4.087E+00	4.087E+00	2.749E+00	
15.0	6.574E+01	3.286E-01	3.291E-01	3.291E-01	0.000E+00	5.928E-01	5.928E-01	5.928E-01	3.134E+00	
25.0	1.910E+01	9.550E-02	9.560E-02	9.560E-02	0.000E+00	2.031E-01	2.031E-01	2.031E-01	2.772E+00	
35.0	8.255E+00	4.127E-02	4.132E-02	4.132E-02	0.000E+00	1.035E-01	1.035E-01	1.035E-01	2.477E+00	
45.0	4.517E+00	2.258E-02	2.261E-02	2.261E-02	0.000E+00	6.440E-02	6.440E-02	6.440E-02	2.262E+00	
55.0	2.864E+00	1.432E-02	1.434E-02	1.434E-02	0.000E+00	4.483E-02	4.483E-02	4.483E-02	2.096E+00	
65.0	1.998E+00	9.987E-03	1.000E-02	1.000E-02	0.000E+00	3.340E-02	3.340E-02	3.340E-02	1.959E+00	
75.0	1.480E+00	7.397E-03	7.407E-03	7.407E-03	0.000E+00	2.601E-02	2.601E-02	2.601E-02	1.844E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	1.545E-05	7.675E-08	8.926E-08	9.397E-08
2.5	9.122E-06	4.557E-08	4.653E-08	5.344E-08
3.5	5.773E-06	2.885E-08	2.916E-08	3.784E-08
4.5	3.895E-06	1.947E-08	1.962E-08	2.924E-08
7.5	1.563E-06	7.815E-09	7.852E-09	1.865E-08
15.0	3.623E-07	1.811E-09	1.817E-09	1.414E-08
25.0	1.053E-07	5.262E-10	5.279E-10	1.143E-08
35.0	4.549E-08	2.274E-10	2.281E-10	9.973E-09
45.0	2.489E-08	1.244E-10	1.249E-10	9.022E-09
55.0	1.578E-08	7.889E-11	7.917E-11	8.324E-09
65.0	1.101E-08	5.504E-11	5.522E-11	7.762E-09
75.0	8.154E-09	4.076E-11	4.090E-11	7.294E-09

TIME STEP NUMBER 1, 10-Year Action Perio

DURATION IN YRS IS... 10.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	6.319E+01	9.063E+00	5.233E+02	1.269E+00	1.683E+00	2.885E+02
GROUND	5.593E-01	5.593E-01	5.593E-01	5.593E-01	5.593E-01	5.593E-01
CLOUD	1.199E+00	1.199E+00	1.199E+00	1.199E+00	1.199E+00	1.199E+00
VEG. ING	1.624E-01	2.144E+00	1.624E-01	2.248E-01	7.380E-01	1.624E-01
MEAT ING	5.925E-02	7.630E-01	5.925E-02	1.253E-01	2.365E-01	5.925E-02
MILK ING	1.667E-02	1.724E-01	1.667E-02	5.716E-03	7.403E-02	1.667E-02
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	6.519E+01	1.390E+01	5.253E+02	3.383E+00	4.490E+00	2.905E+02

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	4.134E+00	5.622E+01	9.397E-01	4.134E+00	4.134E+00	2.704E+01
TOTALS	4.134E+00	5.622E+01	9.397E-01	4.134E+00	4.134E+00	2.704E+01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	6.319E+01	9.063E+00	5.233E+02	1.269E+00	1.683E+00	2.885E+02
GROUND	5.593E-01	5.593E-01	5.593E-01	5.593E-01	5.593E-01	5.593E-01
CLOUD	1.199E+00	1.199E+00	1.199E+00	1.199E+00	1.199E+00	1.199E+00
VEG. ING	1.624E-01	2.144E+00	1.624E-01	2.248E-01	7.380E-01	1.624E-01
MEAT ING	5.925E-02	7.630E-01	5.925E-02	1.253E-01	2.365E-01	5.925E-02
MILK ING	1.667E-02	1.724E-01	1.667E-02	5.716E-03	7.403E-02	1.667E-02
RNPLUS50	4.134E+00	5.622E+01	9.397E-01	4.134E+00	4.134E+00	2.704E+01
TOTALS	6.932E+01	7.012E+01	5.263E+02	7.516E+00	8.624E+00	3.176E+02

			INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS				GROUND CONCENTRATIONS, PCI/M2			
			AIRBORNE CONCENTRATIONS, PCI/M3							
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	Resident 1	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	Resident 1	2	2.491E-03	1.245E-05	1.245E-05	1.242E-05	4.520E+03	2.260E+01	2.255E+01	2.255E+01
1	Resident 1	3	3.071E-06	1.265E-08	7.828E-08	7.808E-08	5.573E+00	2.295E-02	1.418E-01	1.418E-01
1	Resident 1	4	1.621E-06	6.674E-09	4.131E-08	4.121E-08	2.573E+01	1.059E-01	6.545E-01	6.545E-01
	CONCENTRATION TOTALS		2.496E-03	1.247E-05	1.257E-05	1.254E-05	4.552E+03	2.273E+01	2.335E+01	2.335E+01
2	Resident 2	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	Resident 2	2	3.838E-03	1.919E-05	1.919E-05	1.914E-05	6.965E+03	3.483E+01	3.475E+01	3.475E+01
2	Resident 2	3	1.255E-06	5.169E-09	3.200E-08	3.192E-08	2.278E+00	9.380E-03	5.795E-02	5.795E-02
2	Resident 2	4	7.291E-07	3.002E-09	1.859E-08	1.854E-08	1.158E+01	4.766E-02	2.944E-01	2.944E-01
	CONCENTRATION TOTALS		3.840E-03	1.920E-05	1.924E-05	1.919E-05	6.979E+03	3.488E+01	3.511E+01	3.511E+01
3	Resident 3	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	Resident 3	2	2.767E-03	1.384E-05	1.383E-05	1.380E-05	5.022E+03	2.511E+01	2.505E+01	2.505E+01
3	Resident 3	3	3.310E-05	1.363E-07	8.438E-07	8.416E-07	6.007E+01	2.474E-01	1.528E+00	1.528E+00
3	Resident 3	4	2.659E-05	1.095E-07	6.778E-07	6.761E-07	4.221E+02	1.738E+00	1.074E+01	1.074E+01
	CONCENTRATION TOTALS		2.827E-03	1.408E-05	1.536E-05	1.532E-05	5.504E+03	2.709E+01	3.732E+01	3.732E+01
4	Resident 4	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	Resident 4	2	2.898E-03	1.449E-05	1.449E-05	1.445E-05	5.260E+03	2.630E+01	2.624E+01	2.624E+01
4	Resident 4	3	5.959E-05	2.454E-07	1.519E-06	1.515E-06	1.081E+02	4.453E-01	2.751E+00	2.751E+00
4	Resident 4	4	5.000E-05	2.059E-07	1.275E-06	1.271E-06	7.938E+02	3.269E+00	2.019E+01	2.019E+01
	CONCENTRATION TOTALS		3.008E-03	1.494E-05	1.728E-05	1.724E-05	6.162E+03	3.001E+01	4.919E+01	4.919E+01
5	Grazing Area 5	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	Grazing Area 5	2	3.920E-04	1.960E-06	1.960E-06	1.955E-06	7.113E+02	3.556E+00	3.549E+00	3.549E+00
5	Grazing Area 5	3	7.065E-07	2.909E-09	1.801E-08	1.796E-08	1.282E+00	5.279E-03	3.261E-02	3.261E-02
5	Grazing Area 5	4	3.241E-07	1.334E-09	8.260E-09	8.239E-09	5.145E+00	2.118E-02	1.309E-01	1.309E-01
	CONCENTRATION TOTALS		3.930E-04	1.964E-06	1.986E-06	1.981E-06	7.177E+02	3.583E+00	3.712E+00	3.712E+00
6	Resident 6	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	Resident 6	2	9.885E-04	4.943E-06	4.942E-06	4.930E-06	1.794E+03	8.969E+00	8.951E+00	8.951E+00
6	Resident 6	3	1.139E-06	4.690E-09	2.903E-08	2.896E-08	2.067E+00	8.510E-03	5.257E-02	5.257E-02
6	Resident 6	4	6.238E-07	2.569E-09	1.590E-08	1.586E-08	9.903E+00	4.078E-02	2.519E-01	2.519E-01
	CONCENTRATION TOTALS		9.903E-04	4.950E-06	4.987E-06	4.975E-06	1.806E+03	9.019E+00	9.255E+00	9.255E+00
7	Resident 7	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	Resident 7	2	4.130E-04	2.065E-06	2.065E-06	2.060E-06	7.495E+02	3.748E+00	3.740E+00	3.740E+00
7	Resident 7	3	8.384E-08	3.452E-10	2.137E-09	2.132E-09	1.521E-01	6.265E-04	3.870E-03	3.870E-03
7	Resident 7	4	3.483E-08	1.434E-10	8.877E-10	8.855E-10	5.529E-01	2.277E-03	1.406E-02	1.406E-02
	CONCENTRATION TOTALS		4.131E-04	2.066E-06	2.068E-06	2.063E-06	7.502E+02	3.750E+00	3.758E+00	3.758E+00
8	Resident 8	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	Resident 8	2	1.495E-04	7.475E-07	7.475E-07	7.456E-07	2.713E+02	1.356E+00	1.354E+00	1.354E+00
8	Resident 8	3	8.759E-08	3.607E-10	2.233E-09	2.227E-09	1.589E-01	6.545E-04	4.043E-03	4.043E-03
8	Resident 8	4	2.989E-08	1.231E-10	7.619E-10	7.600E-10	4.746E-01	1.954E-03	1.207E-02	1.207E-02
	CONCENTRATION TOTALS		1.496E-04	7.480E-07	7.505E-07	7.486E-07	2.719E+02	1.359E+00	1.370E+00	1.370E+00

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 1, 10-Year Action Perio

DURATION IN YRS IS... 10.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

NO.	AIRBORNE CONCENTRATIONS, PCI/M3							GROUND CONCENTRATIONS, PCI/M2				
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	6.589E+00	6.373E+00	3.415E+00	1.779E+00	2.628E-06	7.712E-09	9.661E-13	3.052E-05	5.047E+00	5.047E+00	5.047E+00	2.004E+00
2	8.187E+00	7.286E+00	3.137E+00	1.595E+00	2.569E-06	8.451E-09	1.142E-12	2.936E-05	5.771E+00	5.771E+00	5.771E+00	1.959E+00
3	6.889E+00	6.294E+00	2.979E+00	1.595E+00	2.684E-06	8.414E-09	1.041E-12	2.754E-05	4.985E+00	4.985E+00	4.985E+00	2.047E+00
4	5.437E+00	5.294E+00	3.139E+00	1.980E+00	3.949E-06	1.069E-08	9.973E-13	2.875E-05	4.193E+00	4.193E+00	4.193E+00	3.011E+00
5	2.731E+00	2.712E+00	1.928E+00	1.315E+00	2.520E-06	5.462E-09	3.347E-13	1.747E-05	2.148E+00	2.148E+00	2.148E+00	1.922E+00
6	7.579E+00	7.326E+00	3.755E+00	1.853E+00	2.271E-06	4.011E-09	2.411E-13	3.349E-05	5.802E+00	5.802E+00	5.802E+00	1.732E+00
7	6.752E+00	5.504E+00	2.335E+00	1.367E+00	3.204E-06	9.216E-09	7.482E-13	2.261E-05	4.360E+00	4.360E+00	4.360E+00	2.443E+00
8	3.607E+00	3.506E+00	2.233E+00	1.539E+00	4.115E-06	1.460E-08	1.600E-12	2.067E-05	2.777E+00	2.777E+00	2.777E+00	3.138E+00

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

NUMBER 1 NAME=Resident 1 X= 1.0KM, Y= 1.3KM, Z= 0.0M, DIST= 1.7KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	2.50E-03	2.50E-03	1.25E-05	1.26E-05	3.05E-05	1.52E-05	1.25E-05	1.25E-05
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	4.16E-02	4.99E-02	4.16E-04	1.40E-05	2.77E-02	2.53E-05	3.14E-07	1.39E-05

SUM OF FRACTIONS EQUALS 1.20E-01

NUMBER 2 NAME=Resident 2 X= 1.5KM, Y= 0.1KM, Z= 0.0M, DIST= 1.5KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	3.84E-03	3.84E-03	1.92E-05	1.92E-05	2.94E-05	2.18E-05	1.92E-05	1.92E-05
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	6.40E-02	7.68E-02	6.40E-04	2.14E-05	2.67E-02	3.63E-05	4.80E-07	2.13E-05

SUM OF FRACTIONS EQUALS 1.68E-01

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

NUMBER 3 NAME=Resident 3 X= 1.0KM, Y= -1.3KM, Z= 0.0M, DIST= 1.6KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	2.83E-03	2.83E-03	1.41E-05	1.54E-05	2.75E-05	1.80E-05	1.53E-05	1.53E-05
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	4.71E-02	5.65E-02	4.69E-04	1.71E-05	2.50E-02	3.00E-05	3.83E-07	1.70E-05

SUM OF FRACTIONS EQUALS 1.29E-01

NUMBER 4 NAME=Resident 4 X= 0.2KM, Y= -2.6KM, Z= 0.0M, DIST= 2.6KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	3.01E-03	3.01E-03	1.49E-05	1.73E-05	2.87E-05	2.12E-05	1.73E-05	1.72E-05
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	5.01E-02	6.02E-02	4.98E-04	1.92E-05	2.61E-02	3.53E-05	4.31E-07	1.92E-05

SUM OF FRACTIONS EQUALS 1.37E-01

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

NUMBER 5 NAME=Grazing Area 5 X= -3.2KM, Y= 1.3KM, Z= 0.0M, DIST= 3.4KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222 (WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	3.93E-04	3.93E-04	1.96E-06	1.99E-06	1.75E-05	4.50E-06	1.99E-06	1.98E-06
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	6.55E-03	7.86E-03	6.55E-05	2.21E-06	1.59E-02	7.50E-06	4.97E-08	2.20E-06

SUM OF FRACTIONS EQUALS 3.04E-02

NUMBER 6 NAME=Resident 6 X= -2.3KM, Y= -0.1KM, Z= 0.0M, DIST= 2.3KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222 (WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	9.90E-04	9.90E-04	4.95E-06	4.99E-06	3.35E-05	7.25E-06	4.98E-06	4.97E-06
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	1.65E-02	1.98E-02	1.65E-04	5.54E-06	3.04E-02	1.21E-05	1.24E-07	5.53E-06

SUM OF FRACTIONS EQUALS 6.69E-02

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 10.0

NUMBER 7 NAME=Resident 7 X= -4.4KM, Y= -1.5KM, Z= 0.0M, DIST= 4.7KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	4.13E-04	4.13E-04	2.07E-06	2.07E-06	2.26E-05	5.27E-06	2.07E-06	2.06E-06
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	6.89E-03	8.26E-03	6.89E-05	2.30E-06	2.06E-02	8.78E-06	5.18E-08	2.29E-06

SUM OF FRACTIONS EQUALS 3.58E-02

NUMBER 8 NAME=Resident 8 X= -6.3KM, Y= 2.0KM, Z= 0.0M, DIST= 6.6KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	1.50E-04	1.50E-04	7.48E-07	7.50E-07	2.07E-05	4.86E-06	7.63E-07	7.49E-07
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	2.49E-03	2.99E-03	2.49E-05	8.34E-07	1.88E-02	8.11E-06	1.91E-08	8.32E-07

SUM OF FRACTIONS EQUALS 2.43E-02

TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	3.678E-05	1.681E-07	5.502E-07	5.491E-07	1.636E-01	1.597E-01	9.970E-02	6.662E-02	1.318E-07	9.184E-07
2.5	2.333E-05	1.052E-07	3.817E-07	3.808E-07	1.212E-01	1.197E-01	8.290E-02	6.188E-02	1.749E-07	7.744E-07
3.5	1.609E-05	7.196E-08	2.778E-07	2.772E-07	9.328E-02	9.272E-02	6.869E-02	5.452E-02	2.049E-07	6.471E-07
4.5	1.180E-05	5.245E-08	2.112E-07	2.107E-07	7.437E-02	7.414E-02	5.762E-02	4.741E-02	2.250E-07	5.453E-07
7.5	5.830E-06	2.563E-08	1.109E-07	1.106E-07	4.368E-02	4.367E-02	3.707E-02	3.208E-02	2.512E-07	3.526E-07
15.0	2.034E-06	8.813E-09	4.167E-08	4.157E-08	1.954E-02	1.955E-02	1.817E-02	1.665E-02	2.492E-07	1.743E-07
25.0	8.420E-07	3.621E-09	1.788E-08	1.783E-08	9.738E-03	9.744E-03	9.501E-03	9.122E-03	2.276E-07	9.223E-08
35.0	4.677E-07	2.003E-09	1.013E-08	1.011E-08	6.081E-03	6.085E-03	6.034E-03	5.921E-03	2.085E-07	5.894E-08
45.0	3.009E-07	1.285E-09	6.601E-09	6.585E-09	4.245E-03	4.247E-03	4.241E-03	4.206E-03	1.930E-07	4.157E-08
55.0	2.139E-07	9.115E-10	4.741E-09	4.730E-09	3.203E-03	3.205E-03	3.210E-03	3.199E-03	1.803E-07	3.151E-08
65.0	1.587E-07	6.754E-10	3.536E-09	3.528E-09	2.492E-03	2.494E-03	2.502E-03	2.501E-03	1.694E-07	2.458E-08
75.0	1.229E-07	5.223E-10	2.750E-09	2.743E-09	2.005E-03	2.006E-03	2.014E-03	2.017E-03	1.601E-07	1.980E-08

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	1.910E+04	9.527E+01	9.946E+01	9.946E+01	0.000E+00	9.958E+01	9.958E+01	9.958E+01	1.810E+00	
2.5	1.053E+04	5.253E+01	5.549E+01	5.549E+01	0.000E+00	5.558E+01	5.558E+01	5.558E+01	3.091E+00	
3.5	6.562E+03	3.271E+01	3.484E+01	3.484E+01	0.000E+00	3.491E+01	3.491E+01	3.491E+01	4.329E+00	
4.5	4.451E+03	2.218E+01	2.377E+01	2.377E+01	0.000E+00	2.383E+01	2.383E+01	2.383E+01	5.249E+00	
7.5	1.877E+03	9.350E+00	1.013E+01	1.013E+01	0.000E+00	1.017E+01	1.017E+01	1.017E+01	6.568E+00	
15.0	5.089E+02	2.533E+00	2.790E+00	2.790E+00	0.000E+00	2.806E+00	2.806E+00	2.806E+00	6.862E+00	
25.0	1.794E+02	8.926E-01	9.866E-01	9.866E-01	0.000E+00	9.944E-01	9.944E-01	9.944E-01	6.608E+00	
35.0	8.949E+01	4.453E-01	4.928E-01	4.928E-01	0.000E+00	4.976E-01	4.976E-01	4.976E-01	6.207E+00	
45.0	5.352E+01	2.663E-01	2.946E-01	2.946E-01	0.000E+00	2.980E-01	2.980E-01	2.980E-01	5.819E+00	
55.0	3.565E+01	1.774E-01	1.965E-01	1.965E-01	0.000E+00	1.991E-01	1.991E-01	1.991E-01	5.474E+00	
65.0	2.547E+01	1.267E-01	1.402E-01	1.402E-01	0.000E+00	1.422E-01	1.422E-01	1.422E-01	5.171E+00	
75.0	1.910E+01	9.504E-02	1.051E-01	1.051E-01	0.000E+00	1.066E-01	1.066E-01	1.066E-01	4.905E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	8.585E-07	3.702E-09	1.801E-08	1.836E-08
2.5	5.638E-07	2.413E-09	1.224E-08	1.274E-08
3.5	3.920E-07	1.671E-09	8.668E-09	9.262E-09
4.5	2.862E-07	1.217E-09	6.399E-09	7.059E-09
7.5	1.362E-07	5.768E-10	3.093E-09	3.839E-09
15.0	4.318E-08	1.822E-10	9.988E-10	1.744E-09
25.0	1.565E-08	6.597E-11	3.630E-10	1.045E-09
35.0	7.882E-09	3.322E-11	1.830E-10	8.081E-10
45.0	4.703E-09	1.982E-11	1.092E-10	6.878E-10
55.0	3.168E-09	1.335E-11	7.363E-11	6.144E-10
65.0	2.236E-09	9.424E-12	5.190E-11	5.601E-10
75.0	1.662E-09	7.009E-12	3.855E-11	5.188E-10

TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	8.963E-06	4.283E-08	9.052E-08	9.038E-08	7.750E-02	7.626E-02	4.866E-02	3.053E-02	4.981E-08	4.391E-07
2.5	5.339E-06	2.514E-08	6.267E-08	6.255E-08	4.215E-02	4.177E-02	2.931E-02	2.094E-02	4.848E-08	2.698E-07
3.5	5.153E-06	2.316E-08	8.603E-08	8.584E-08	2.908E-02	2.888E-02	2.120E-02	1.629E-02	5.089E-08	1.980E-07
4.5	5.672E-06	2.467E-08	1.139E-07	1.136E-07	2.375E-02	2.362E-02	1.772E-02	1.417E-02	5.688E-08	1.670E-07
7.5	4.256E-06	1.809E-08	9.534E-08	9.511E-08	1.436E-02	1.434E-02	1.149E-02	9.609E-03	6.615E-08	1.089E-07
15.0	1.844E-06	7.754E-09	4.328E-08	4.317E-08	6.316E-03	6.319E-03	5.630E-03	4.963E-03	6.695E-08	5.357E-08
25.0	8.336E-07	3.492E-09	1.986E-08	1.981E-08	3.150E-03	3.152E-03	3.003E-03	2.801E-03	6.147E-08	2.892E-08
35.0	4.796E-07	2.006E-09	1.151E-08	1.148E-08	1.965E-03	1.966E-03	1.925E-03	1.854E-03	5.650E-08	1.870E-08
45.0	3.142E-07	1.313E-09	7.570E-09	7.551E-09	1.371E-03	1.372E-03	1.360E-03	1.334E-03	5.241E-08	1.328E-08
55.0	2.269E-07	9.469E-10	5.486E-09	5.472E-09	1.037E-03	1.038E-03	1.035E-03	1.024E-03	4.908E-08	1.014E-08
65.0	1.693E-07	7.061E-10	4.101E-09	4.091E-09	8.075E-04	8.079E-04	8.085E-04	8.046E-04	4.619E-08	7.932E-09
75.0	1.316E-07	5.489E-10	3.194E-09	3.186E-09	6.502E-04	6.506E-04	6.522E-04	6.513E-04	4.370E-08	6.406E-09

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	6.751E+03	3.373E+01	3.414E+01	3.414E+01	0.000E+00	3.420E+01	3.420E+01	3.420E+01	1.322E+00	
2.5	3.600E+03	1.798E+01	1.834E+01	1.834E+01	0.000E+00	1.837E+01	1.837E+01	1.837E+01	1.655E+00	
3.5	2.246E+03	1.119E+01	1.194E+01	1.194E+01	0.000E+00	1.196E+01	1.196E+01	1.196E+01	1.893E+00	
4.5	1.550E+03	7.702E+00	8.787E+00	8.787E+00	0.000E+00	8.805E+00	8.805E+00	8.805E+00	2.049E+00	
7.5	6.825E+02	3.374E+00	4.264E+00	4.264E+00	0.000E+00	4.275E+00	4.275E+00	4.275E+00	2.232E+00	
15.0	1.986E+02	9.779E-01	1.333E+00	1.333E+00	0.000E+00	1.338E+00	1.338E+00	1.338E+00	2.142E+00	
25.0	7.434E+01	3.657E-01	5.067E-01	5.067E-01	0.000E+00	5.092E-01	5.092E-01	5.092E-01	1.927E+00	
35.0	3.847E+01	1.892E-01	2.622E-01	2.622E-01	0.000E+00	2.638E-01	2.638E-01	2.638E-01	1.763E+00	
45.0	2.349E+01	1.156E-01	1.594E-01	1.594E-01	0.000E+00	1.605E-01	1.605E-01	1.605E-01	1.633E+00	
55.0	1.586E+01	7.802E-02	1.077E-01	1.077E-01	0.000E+00	1.085E-01	1.085E-01	1.085E-01	1.528E+00	
65.0	1.139E+01	5.608E-02	7.682E-02	7.682E-02	0.000E+00	7.746E-02	7.746E-02	7.746E-02	1.439E+00	
75.0	8.572E+00	4.221E-02	5.748E-02	5.748E-02	0.000E+00	5.799E-02	5.799E-02	5.799E-02	1.363E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	1.548E-07	6.967E-10	2.567E-09	2.710E-09
2.5	1.028E-07	4.548E-10	1.886E-09	2.027E-09
3.5	1.356E-07	5.779E-10	3.004E-09	3.149E-09
4.5	1.736E-07	7.279E-10	4.117E-09	4.277E-09
7.5	1.338E-07	5.567E-10	3.280E-09	3.470E-09
15.0	5.240E-08	2.174E-10	1.298E-09	1.496E-09
25.0	2.070E-08	8.582E-11	5.136E-10	6.968E-10
35.0	1.071E-08	4.440E-11	2.657E-10	4.346E-10
45.0	6.431E-09	2.667E-11	1.595E-10	3.164E-10
55.0	4.350E-09	1.804E-11	1.079E-10	2.549E-10
65.0	3.045E-09	1.263E-11	7.549E-11	2.139E-10
75.0	2.243E-09	9.304E-12	5.556E-11	1.865E-10

TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	5.169E-04	2.137E-06	1.297E-05	1.293E-05	1.023E+00	7.202E-01	1.371E-01	2.818E-02	9.674E-09	1.542E-06
2.5	1.303E-04	5.413E-07	3.207E-06	3.199E-06	3.505E-01	2.971E-01	9.619E-02	3.168E-02	1.805E-08	9.119E-07
3.5	1.647E-05	7.082E-08	3.495E-07	3.486E-07	1.368E-01	1.306E-01	6.602E-02	3.396E-02	3.770E-08	5.960E-07
4.5	7.618E-06	3.341E-08	1.468E-07	1.464E-07	9.492E-02	9.312E-02	5.715E-02	3.667E-02	6.656E-08	5.225E-07
7.5	2.543E-06	1.132E-08	4.501E-08	4.491E-08	4.153E-02	4.147E-02	3.288E-02	2.681E-02	1.199E-07	3.094E-07
15.0	6.674E-07	2.975E-09	1.172E-08	1.169E-08	1.452E-02	1.453E-02	1.334E-02	1.207E-02	1.360E-07	1.276E-07
25.0	2.328E-07	1.038E-09	4.097E-09	4.087E-09	6.238E-03	6.242E-03	6.111E-03	5.890E-03	1.251E-07	5.938E-08
35.0	1.189E-07	5.282E-10	2.132E-09	2.127E-09	3.674E-03	3.676E-03	3.659E-03	3.611E-03	1.138E-07	3.581E-08
45.0	7.255E-08	3.213E-10	1.324E-09	1.321E-09	2.485E-03	2.486E-03	2.488E-03	2.479E-03	1.046E-07	2.442E-08
55.0	4.949E-08	2.185E-10	9.193E-10	9.172E-10	1.836E-03	1.837E-03	1.843E-03	1.842E-03	9.716E-08	1.811E-08
65.0	3.570E-08	1.573E-10	6.708E-10	6.692E-10	1.409E-03	1.410E-03	1.416E-03	1.418E-03	9.087E-08	1.392E-08
75.0	2.702E-08	1.188E-10	5.128E-10	5.116E-10	1.122E-03	1.123E-03	1.128E-03	1.131E-03	8.554E-08	1.109E-08

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	1.850E+04	8.508E+01	2.632E+02	2.632E+02	0.000E+00	2.638E+02	2.638E+02	2.638E+02	1.399E+00	
2.5	7.473E+03	3.565E+01	7.665E+01	7.665E+01	0.000E+00	7.689E+01	7.689E+01	7.689E+01	2.057E+00	
3.5	3.610E+03	1.788E+01	2.175E+01	2.175E+01	0.000E+00	2.185E+01	2.185E+01	2.185E+01	2.597E+00	
4.5	2.380E+03	1.183E+01	1.325E+01	1.325E+01	0.000E+00	1.333E+01	1.333E+01	1.333E+01	3.054E+00	
7.5	9.821E+02	4.894E+00	5.237E+00	5.237E+00	0.000E+00	5.270E+00	5.270E+00	5.270E+00	3.686E+00	
15.0	2.615E+02	1.304E+00	1.374E+00	1.374E+00	0.000E+00	1.385E+00	1.385E+00	1.385E+00	3.651E+00	
25.0	9.056E+01	4.518E-01	4.709E-01	4.709E-01	0.000E+00	4.759E-01	4.759E-01	4.759E-01	3.510E+00	
35.0	4.425E+01	2.208E-01	2.294E-01	2.294E-01	0.000E+00	2.323E-01	2.323E-01	2.323E-01	3.293E+00	
45.0	2.587E+01	1.291E-01	1.339E-01	1.339E-01	0.000E+00	1.359E-01	1.359E-01	1.359E-01	3.079E+00	
55.0	1.684E+01	8.406E-02	8.721E-02	8.721E-02	0.000E+00	8.866E-02	8.866E-02	8.866E-02	2.888E+00	
65.0	1.178E+01	5.877E-02	6.093E-02	6.093E-02	0.000E+00	6.205E-02	6.205E-02	6.205E-02	2.722E+00	
75.0	8.656E+00	4.320E-02	4.478E-02	4.478E-02	0.000E+00	4.567E-02	4.567E-02	4.567E-02	2.576E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	2.513E-05	1.036E-07	6.384E-07	6.368E-07
2.5	5.829E-06	2.405E-08	1.474E-07	1.471E-07
3.5	5.908E-07	2.463E-09	1.436E-08	1.443E-08
4.5	2.320E-07	9.758E-10	5.440E-09	5.626E-09
7.5	6.192E-08	2.635E-10	1.380E-09	1.737E-09
15.0	1.346E-08	5.769E-11	2.901E-10	6.975E-10
25.0	3.957E-09	1.708E-11	8.249E-11	4.576E-10
35.0	1.832E-09	7.930E-12	3.772E-11	3.789E-10
45.0	1.044E-09	4.524E-12	2.135E-11	3.350E-10
55.0	6.791E-10	2.943E-12	1.389E-11	3.053E-10
65.0	4.696E-10	2.036E-12	9.578E-12	2.822E-10
75.0	3.436E-10	1.491E-12	7.000E-12	2.636E-10

TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	1.703E-05	7.218E-08	3.858E-07	3.848E-07	1.739E-01	1.636E-01	7.841E-02	3.753E-02	3.591E-08	7.060E-07
2.5	2.670E-06	1.226E-08	3.862E-08	3.854E-08	7.817E-02	7.697E-02	4.816E-02	2.835E-02	3.937E-08	4.292E-07
3.5	1.320E-06	6.238E-09	1.498E-08	1.496E-08	3.646E-02	3.630E-02	2.716E-02	1.940E-02	3.979E-08	2.474E-07
4.5	8.162E-07	3.902E-09	8.199E-09	8.186E-09	2.129E-02	2.126E-02	1.758E-02	1.410E-02	4.056E-08	1.636E-07
7.5	3.036E-07	1.468E-09	2.677E-09	2.674E-09	1.068E-02	1.068E-02	9.980E-03	9.236E-03	5.585E-08	9.606E-08
15.0	6.962E-08	3.371E-10	6.011E-10	6.003E-10	4.153E-03	4.155E-03	4.092E-03	3.997E-03	6.063E-08	3.994E-08
25.0	2.077E-08	1.002E-10	1.885E-10	1.882E-10	1.925E-03	1.927E-03	1.927E-03	1.918E-03	5.537E-08	1.891E-08
35.0	9.299E-09	4.462E-11	8.967E-11	8.953E-11	1.165E-03	1.165E-03	1.169E-03	1.171E-03	5.033E-08	1.150E-08
45.0	5.232E-09	2.501E-11	5.272E-11	5.264E-11	7.977E-04	7.981E-04	8.017E-04	8.037E-04	4.629E-08	7.884E-09
55.0	3.396E-09	1.618E-11	3.543E-11	3.537E-11	5.951E-04	5.955E-04	5.982E-04	6.001E-04	4.308E-08	5.885E-09
65.0	2.395E-09	1.139E-11	2.538E-11	2.534E-11	4.578E-04	4.581E-04	4.603E-04	4.619E-04	4.033E-08	4.528E-09
75.0	1.788E-09	8.499E-12	1.917E-11	1.914E-11	3.648E-04	3.650E-04	3.668E-04	3.681E-04	3.800E-08	3.608E-09

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2									
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	
1.5	2.548E+03	1.256E+01	1.671E+01	1.671E+01	0.000E+00	1.684E+01	1.684E+01	1.684E+01	8.286E-01	
2.5	1.449E+03	7.232E+00	7.513E+00	7.513E+00	0.000E+00	7.574E+00	7.574E+00	7.574E+00	1.170E+00	
3.5	9.146E+02	4.568E+00	4.644E+00	4.644E+00	0.000E+00	4.673E+00	4.673E+00	4.673E+00	1.450E+00	
4.5	6.167E+02	3.081E+00	3.113E+00	3.113E+00	0.000E+00	3.130E+00	3.130E+00	3.130E+00	1.599E+00	
7.5	2.473E+02	1.236E+00	1.241E+00	1.241E+00	0.000E+00	1.249E+00	1.249E+00	1.249E+00	1.796E+00	
15.0	5.728E+01	2.863E-01	2.866E-01	2.866E-01	0.000E+00	2.899E-01	2.899E-01	2.899E-01	2.046E+00	
25.0	1.664E+01	8.319E-02	8.323E-02	8.323E-02	0.000E+00	8.476E-02	8.476E-02	8.476E-02	1.811E+00	
35.0	7.192E+00	3.595E-02	3.597E-02	3.597E-02	0.000E+00	3.690E-02	3.690E-02	3.690E-02	1.619E+00	
45.0	3.936E+00	1.967E-02	1.969E-02	1.969E-02	0.000E+00	2.032E-02	2.032E-02	2.032E-02	1.478E+00	
55.0	2.495E+00	1.247E-02	1.249E-02	1.249E-02	0.000E+00	1.296E-02	1.296E-02	1.296E-02	1.370E+00	
65.0	1.741E+00	8.700E-03	8.709E-03	8.709E-03	0.000E+00	9.072E-03	9.072E-03	9.072E-03	1.281E+00	
75.0	1.289E+00	6.444E-03	6.450E-03	6.450E-03	0.000E+00	6.739E-03	6.739E-03	6.739E-03	1.205E+00	

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	6.156E-07	2.555E-09	1.521E-08	1.528E-08
2.5	5.999E-08	2.597E-10	1.235E-09	1.350E-09
3.5	2.381E-08	1.061E-10	4.202E-10	5.386E-10
4.5	1.334E-08	6.035E-11	2.140E-10	3.352E-10
7.5	4.232E-09	1.960E-11	5.724E-11	2.247E-10
15.0	8.717E-10	4.094E-12	1.048E-11	1.924E-10
25.0	2.458E-10	1.159E-12	2.855E-12	1.689E-10
35.0	1.070E-10	5.041E-13	1.255E-12	1.522E-10
45.0	5.900E-11	2.776E-13	6.975E-13	1.396E-10
55.0	3.778E-11	1.775E-13	4.516E-13	1.297E-10
65.0	2.626E-11	1.234E-13	3.127E-13	1.213E-10
75.0	1.939E-11	9.118E-14	2.300E-13	1.142E-10

TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	2.868E-01	8.224E-02	2.047E+00	2.671E-02	2.174E-02	4.510E+00
GROUND	4.960E-01	4.960E-01	4.960E-01	4.960E-01	4.960E-01	4.960E-01
CLOUD	2.014E-02	2.014E-02	2.014E-02	2.014E-02	2.014E-02	2.014E-02
VEG. ING	1.033E-02	1.392E-01	1.033E-02	1.305E-02	4.636E-02	1.033E-02
MEAT ING	5.374E-03	6.754E-02	5.374E-03	1.383E-02	1.902E-02	5.374E-03
MILK ING	1.084E-03	1.147E-02	1.084E-03	6.198E-04	4.549E-03	1.084E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	8.197E-01	8.167E-01	2.580E+00	5.704E-01	6.079E-01	5.043E+00

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	6.540E-02	8.894E-01	1.487E-02	6.540E-02	6.540E-02	4.278E-01
TOTALS	6.540E-02	8.894E-01	1.487E-02	6.540E-02	6.540E-02	4.278E-01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	2.868E-01	8.224E-02	2.047E+00	2.671E-02	2.174E-02	4.510E+00
GROUND	4.960E-01	4.960E-01	4.960E-01	4.960E-01	4.960E-01	4.960E-01
CLOUD	2.014E-02	2.014E-02	2.014E-02	2.014E-02	2.014E-02	2.014E-02
VEG. ING	1.033E-02	1.392E-01	1.033E-02	1.305E-02	4.636E-02	1.033E-02
MEAT ING	5.374E-03	6.754E-02	5.374E-03	1.383E-02	1.902E-02	5.374E-03
MILK ING	1.084E-03	1.147E-02	1.084E-03	6.198E-04	4.549E-03	1.084E-03
RNPLUS50	6.540E-02	8.894E-01	1.487E-02	6.540E-02	6.540E-02	4.278E-01
TOTALS	8.851E-01	1.706E+00	2.594E+00	6.358E-01	6.732E-01	5.470E+00

			INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS				GROUND CONCENTRATIONS, PCI/M2			
			AIRBORNE CONCENTRATIONS, PCI/M3							
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	Resident 1	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	Resident 1	2	3.935E-06	1.967E-08	1.955E-08	1.955E-08	3.935E+03	1.967E+01	1.955E+01	1.955E+01
1	Resident 1	3	3.076E-06	1.267E-08	7.840E-08	7.820E-08	1.043E+01	4.292E-02	2.646E-01	2.646E-01
1	Resident 1	4	1.643E-06	6.766E-09	4.188E-08	4.177E-08	4.813E+01	1.982E-01	1.222E+00	1.222E+00
CONCENTRATION TOTALS			8.654E-06	3.910E-08	1.398E-07	1.395E-07	3.994E+03	1.991E+01	2.104E+01	2.104E+01
2	Resident 2	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	Resident 2	2	6.064E-06	3.031E-08	3.012E-08	3.012E-08	6.064E+03	3.031E+01	3.012E+01	3.012E+01
2	Resident 2	3	1.257E-06	5.177E-09	3.205E-08	3.197E-08	4.261E+00	1.755E-02	1.082E-01	1.082E-01
2	Resident 2	4	7.392E-07	3.044E-09	1.884E-08	1.879E-08	2.165E+01	8.915E-02	5.497E-01	5.497E-01
CONCENTRATION TOTALS			8.060E-06	3.854E-08	8.101E-08	8.089E-08	6.090E+03	3.042E+01	3.078E+01	3.078E+01
3	Resident 3	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	Resident 3	2	4.372E-06	2.185E-08	2.172E-08	2.172E-08	4.372E+03	2.185E+01	2.172E+01	2.172E+01
3	Resident 3	3	3.316E-05	1.365E-07	8.451E-07	8.430E-07	1.124E+02	4.627E-01	2.853E+00	2.853E+00
3	Resident 3	4	2.696E-05	1.110E-07	6.871E-07	6.854E-07	7.896E+02	3.251E+00	2.005E+01	2.005E+01
CONCENTRATION TOTALS			6.449E-05	2.694E-07	1.554E-06	1.550E-06	5.274E+03	2.557E+01	4.462E+01	4.462E+01
4	Resident 4	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	Resident 4	2	4.579E-06	2.289E-08	2.275E-08	2.275E-08	4.579E+03	2.289E+01	2.275E+01	2.275E+01
4	Resident 4	3	5.969E-05	2.458E-07	1.521E-06	1.518E-06	2.023E+02	8.329E-01	5.135E+00	5.135E+00
4	Resident 4	4	5.069E-05	2.087E-07	1.292E-06	1.289E-06	1.485E+03	6.114E+00	3.769E+01	3.769E+01
CONCENTRATION TOTALS			1.150E-04	4.774E-07	2.836E-06	2.829E-06	6.266E+03	2.984E+01	6.558E+01	6.558E+01
5	Grazing Area 5	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	Grazing Area 5	2	6.192E-07	3.096E-09	3.076E-09	3.076E-09	6.192E+02	3.096E+00	3.076E+00	3.076E+00
5	Grazing Area 5	3	7.076E-07	2.914E-09	1.804E-08	1.799E-08	2.398E+00	9.874E-03	6.088E-02	6.088E-02
5	Grazing Area 5	4	3.285E-07	1.353E-09	8.373E-09	8.353E-09	9.623E+00	3.962E-02	2.443E-01	2.443E-01
CONCENTRATION TOTALS			1.655E-06	7.362E-09	2.949E-08	2.942E-08	6.313E+02	3.145E+00	3.381E+00	3.381E+00
6	Resident 6	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	Resident 6	2	1.562E-06	7.808E-09	7.758E-09	7.758E-09	1.562E+03	7.808E+00	7.758E+00	7.758E+00
6	Resident 6	3	1.141E-06	4.697E-09	2.908E-08	2.900E-08	3.866E+00	1.592E-02	9.815E-02	9.815E-02
6	Resident 6	4	6.324E-07	2.604E-09	1.612E-08	1.608E-08	1.852E+01	7.627E-02	4.702E-01	4.702E-01
CONCENTRATION TOTALS			3.335E-06	1.511E-08	5.295E-08	5.284E-08	1.584E+03	7.900E+00	8.327E+00	8.327E+00
7	Resident 7	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	Resident 7	2	6.525E-07	3.262E-09	3.242E-09	3.242E-09	6.525E+02	3.262E+00	3.242E+00	3.242E+00
7	Resident 7	3	8.397E-08	3.458E-10	2.140E-09	2.135E-09	2.846E-01	1.172E-03	7.224E-03	7.224E-03
7	Resident 7	4	3.531E-08	1.454E-10	8.999E-10	8.977E-10	1.034E+00	4.258E-03	2.625E-02	2.625E-02
CONCENTRATION TOTALS			7.718E-07	3.753E-09	6.282E-09	6.274E-09	6.538E+02	3.268E+00	3.275E+00	3.275E+00
8	Resident 8	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	Resident 8	2	2.362E-07	1.181E-09	1.173E-09	1.173E-09	2.362E+02	1.181E+00	1.173E+00	1.173E+00
8	Resident 8	3	8.773E-08	3.612E-10	2.236E-09	2.230E-09	2.973E-01	1.224E-03	7.548E-03	7.548E-03
8	Resident 8	4	3.031E-08	1.248E-10	7.724E-10	7.705E-10	8.877E-01	3.655E-03	2.253E-02	2.253E-02
CONCENTRATION TOTALS			3.542E-07	1.667E-09	4.182E-09	4.174E-09	2.374E+02	1.186E+00	1.203E+00	1.203E+00

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

CODE: MILDOS-AREA (02/97)
DATA: sampisl.dat

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TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

NO.	INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS											
	AIRBORNE CONCENTRATIONS, PCI/M3							GROUND CONCENTRATIONS, PCI/M2				
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	7.431E-02	7.335E-02	5.050E-02	3.548E-02	7.676E-08	1.848E-10	1.244E-14	4.639E-07	5.809E-02	5.809E-02	5.809E-02	1.337E+00
2	7.777E-02	7.666E-02	4.981E-02	3.170E-02	5.288E-08	1.006E-10	5.391E-15	4.497E-07	6.071E-02	6.071E-02	6.071E-02	1.290E+00
3	1.720E-01	1.553E-01	6.606E-02	3.033E-02	2.826E-08	3.119E-11	9.892E-16	6.081E-07	1.230E-01	1.230E-01	1.230E-01	1.327E+00
4	2.765E-01	2.391E-01	8.661E-02	3.263E-02	2.230E-08	1.851E-11	4.478E-16	8.071E-07	1.894E-01	1.894E-01	1.894E-01	1.938E+00
5	3.979E-02	3.956E-02	3.012E-02	2.283E-02	5.814E-08	1.592E-10	1.194E-14	2.786E-07	3.134E-02	3.134E-02	3.134E-02	1.271E+00
6	9.259E-02	9.082E-02	5.426E-02	3.028E-02	3.727E-08	5.414E-11	2.307E-15	4.816E-07	7.193E-02	7.193E-02	7.193E-02	1.133E+00
7	3.475E-02	3.470E-02	2.833E-02	2.201E-02	5.561E-08	1.500E-10	1.109E-14	2.615E-07	2.748E-02	2.748E-02	2.748E-02	1.601E+00
8	1.222E-02	1.222E-02	1.113E-02	1.009E-02	5.650E-08	3.079E-10	4.398E-14	1.067E-07	9.680E-03	9.680E-03	9.680E-03	2.045E+00

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

NUMBER 1 NAME=Resident 1 X= 1.0KM, Y= 1.3KM, Z= 0.0M, DIST= 1.7KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	8.65E-06	8.65E-06	3.91E-08	1.40E-07	4.64E-07	2.16E-07	1.40E-07	1.40E-07
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	1.44E-04	1.73E-04	1.30E-06	1.55E-07	4.22E-04	3.60E-07	3.49E-09	1.55E-07

SUM OF FRACTIONS EQUALS 7.41E-04

NUMBER 2 NAME=Resident 2 X= 1.5KM, Y= 0.1KM, Z= 0.0M, DIST= 1.5KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	8.06E-06	8.06E-06	3.85E-08	8.10E-08	4.50E-07	1.34E-07	8.10E-08	8.09E-08
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	1.34E-04	1.61E-04	1.28E-06	9.00E-08	4.09E-04	2.23E-07	2.02E-09	8.99E-08

SUM OF FRACTIONS EQUALS 7.06E-04

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

NUMBER 3 NAME=Resident 3 X= 1.0KM, Y= -1.3KM, Z= 0.0M, DIST= 1.6KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	6.45E-05	6.45E-05	2.69E-07	1.55E-06	6.08E-07	1.58E-06	1.55E-06	1.55E-06
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	1.07E-03	1.29E-03	8.98E-06	1.73E-06	5.53E-04	2.63E-06	3.88E-08	1.72E-06

SUM OF FRACTIONS EQUALS 2.93E-03

NUMBER 4 NAME=Resident 4 X= 0.2KM, Y= -2.6KM, Z= 0.0M, DIST= 2.6KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	1.15E-04	1.15E-04	4.77E-07	2.84E-06	8.07E-07	2.85E-06	2.83E-06	2.83E-06
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	1.92E-03	2.30E-03	1.59E-05	3.15E-06	7.34E-04	4.75E-06	7.07E-08	3.14E-06

SUM OF FRACTIONS EQUALS 4.98E-03

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

NUMBER 5 NAME=Grazing Area 5 X= -3.2KM, Y= 1.3KM, Z= 0.0M, DIST= 3.4KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222 (WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	1.66E-06	1.66E-06	7.36E-09	2.95E-08	2.79E-07	8.76E-08	2.96E-08	2.94E-08
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	2.76E-05	3.31E-05	2.45E-07	3.28E-08	2.53E-04	1.46E-07	7.39E-10	3.27E-08

SUM OF FRACTIONS EQUALS 3.14E-04

NUMBER 6 NAME=Resident 6 X= -2.3KM, Y= -0.1KM, Z= 0.0M, DIST= 2.3KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222 (WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	3.33E-06	3.33E-06	1.51E-08	5.30E-08	4.82E-07	9.01E-08	5.29E-08	5.28E-08
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	5.56E-05	6.67E-05	5.04E-07	5.88E-08	4.38E-04	1.50E-07	1.32E-09	5.87E-08

SUM OF FRACTIONS EQUALS 5.61E-04

REGION: SAMPLE ISL FACILITY
METSET: GENERIC MET STATION

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TIME STEP NUMBER 2, 10-Year Restoration DURATION IN YRS IS... 10.0

NUMBER 7 NAME=Resident 7 X= -4.4KM, Y= -1.5KM, Z= 0.0M, DIST= 4.7KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	7.72E-07	7.72E-07	3.75E-09	6.28E-09	2.61E-07	6.19E-08	6.42E-09	6.27E-09
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	1.29E-05	1.54E-05	1.25E-07	6.98E-09	2.38E-04	1.03E-07	1.61E-10	6.97E-09

SUM OF FRACTIONS EQUALS 2.66E-04

NUMBER 8 NAME=Resident 8 X= -6.3KM, Y= 2.0KM, Z= 0.0M, DIST= 6.6KM, IRTYPE= 0

RESULTS OF ALC CHECK AT THIS LOCATION

	U-238	U-234	Th-230	Ra-226	Rn-222(WL)	Pb-210	Bi-210	Po-210
CONC., PCI/M3	3.54E-07	3.54E-07	1.67E-09	4.18E-09	1.07E-07	6.07E-08	4.48E-09	4.17E-09
ALC, PCI/M3	6.00E-02	5.00E-02	3.00E-02	9.00E-01	1.10E-03	6.00E-01	4.00E+01	9.00E-01
FRACTION OF ALC	5.90E-06	7.08E-06	5.56E-08	4.65E-09	9.70E-05	1.01E-07	1.12E-10	4.64E-09

SUM OF FRACTIONS EQUALS 1.10E-04

Program execution time = 24.16 seconds