Prepared For:

Power Resources, Inc.
Casper, Wyoming

MILDOS-AREA
Model Results for the
PRI Gas Hills Project

Prepared by:

Shepherd Miller, Inc.
Ft. Collins, Colorado

January 1997

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Power Resources, Inc.
Casper, Wyoming

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Model Results for the PRI Gas Hills Project

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January 1997

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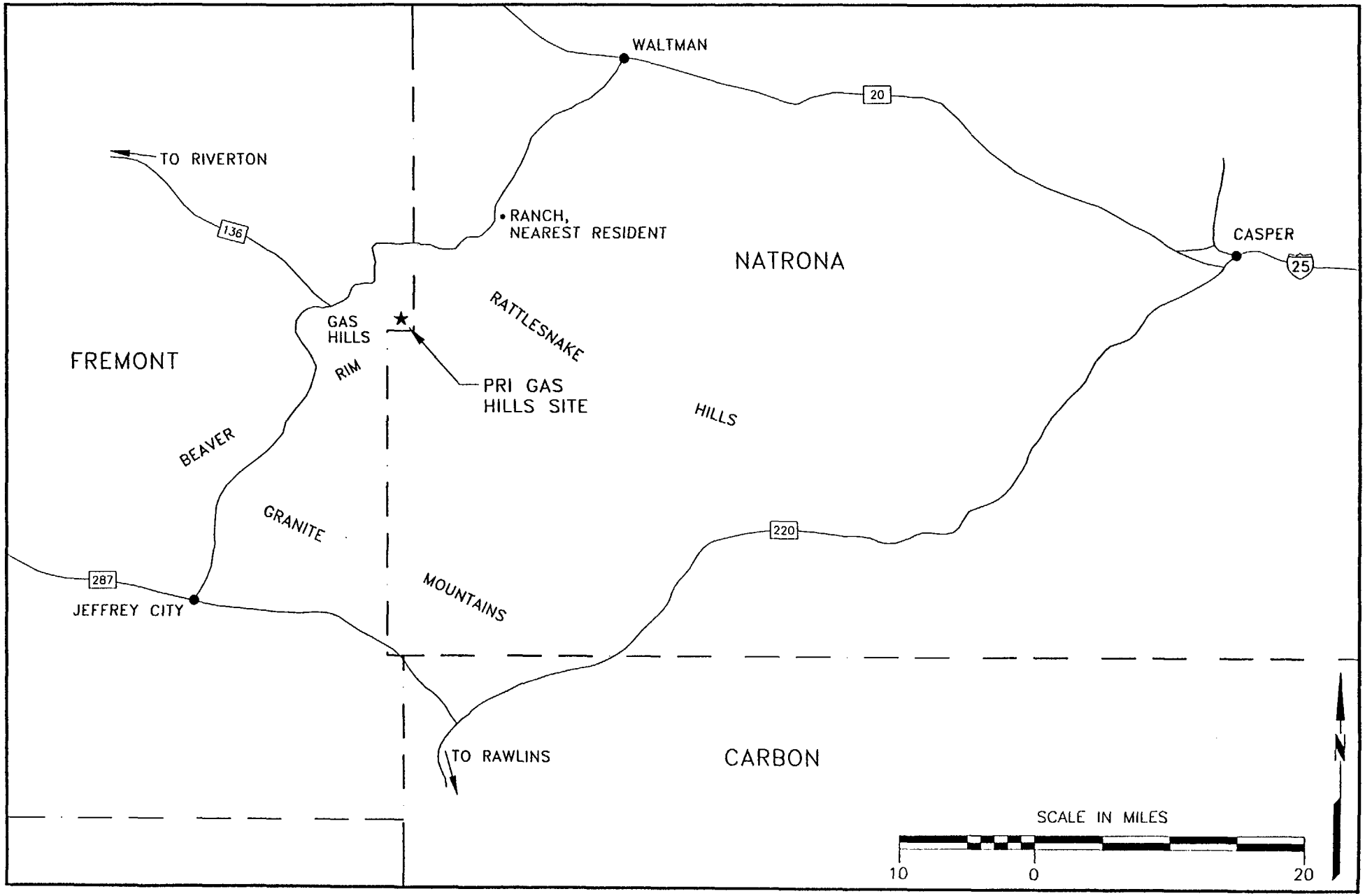
1.0 INTRODUCTION

Power Resources, Inc. (PRI) has submitted an Operation Plan for an in situ leach project (PRI 1996) in the Gas Hills of Fremont County in central Wyoming (Figure 1). The process will use native ground water to which a carbonate reagent and an oxidant are added as a lixiviant to leach uranium from the ore zone. The lixiviant will be injected into the ore zone through a series of injection wells and the uranium will complex with the lixiviant. The pregnant lixiviant will be pumped out of the ore zone through a production well. The solution will be piped to an ion exchange facility where the uranium will be extracted from solution by passing it over an ion exchange resin. The loaded ion exchange resin will be transported to another facility, initially to the Highland Uranium Project, to be processed into yellowcake.

The barren lixiviant will be fortified with an oxidant and a carbonate complexer ion and reinjected into the ore zone. Approximately 1% of the solution will be removed as "purge" in order to maintain a cone of depression to prevent release of the lixiviant beyond the well fields. The purge will be treated for removal of residual uranium and will have its volume reduced by reverse osmosis (RO). The brine from the RO process will be impounded in evaporation ponds. The permeate will be surface discharged or returned to the aquifer.

Ground water restoration will take place in at least two stages. The first phase will be a ground water sweep during which water will be extracted from the mine unit with no reinjection. The waste water will be treated in the same manner as the purge. The permeate will be surface discharged. During the second phase, ground water will be withdrawn, purified, and reinjected into the aquifer.

Due to the nature of the process, the potential for radionuclide releases is much lower for in situ facilities than for conventional uranium mills. For this particular facility, the only airborne radionuclide release of concern is radon gas. Since the ion exchange resin will be transported off site for processing into yellowcake, there will be no significant particulate radionuclide releases.



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INCORPORATED

FIGURE 1
LOCATION MAP
PRI GAS HILLS ISL SITE

Date:	JULY 1996
Project:	06-434
File:	LOC-MAP

The evaporation ponds will be wet for the duration of the project and, therefore, will not be a source of airborne particulates.

The system to be used at the PRI Gas Hills Project is closed with the exception of vents on the mine unit wells and the ion exchange facility. Some additional release of radon will take place when the loaded ion exchange resin is transferred for transport. Radon will also be released from the purge and restoration waters during treatment.

Radon concentrations at the site boundaries and at the nearest residence were calculated using MILDOS-AREA. The input parameter values used in the analysis are described in Section 2

The source terms used in this analysis were calculated using the method described by the U.S. Nuclear Regulatory Commission (NRC) in Regulatory Guide 3.56 (NRC 1987) and in NUREG 4088 (NRC 1984) for estimating the radon release from in situ mining operations. This method, which accounts for all of the radon emanating from the ore into the lixiviant or restoration water, is conservative since it is highly unlikely that all of the radon absorbed by the water will be released to the atmosphere. Thus, concentrations reported by MILDOS-AREA are likely conservatively high.

2.0 MILDOS INPUT

The MILDOS input parameter values were derived based on information supplied by PRI in written form and during a meeting on January 3, 1997 at the Shepherd Miller, Inc. Fort Collins, Colorado office. The input values derive from site and regional mapping, publicly available data, and planned site operations data.

2.1 Population Parameters

The site is located in the remote Gas Hills in Fremont County, approximately 25 miles north-northeast of Jeffrey City and 45 miles east of Riverton (Figure 1). The nearest resident to the site lives approximately 11 miles (18 km) to the north-northeast on a ranch. The estimated population distribution within a 50-mile (80-kilometer) radius of the site is shown in Table 2.1. The population estimates in Table 2.1 are based on census data for communities where available, estimates for communities where census data is unavailable, and an assumed four persons per household for individual ranches. Riverton comprises 84 percent of the total estimated population within 50 miles of the site.

2.2 Meteorological Data

A meteorological station was established at the Lucky Mc uranium mill site in the Gas Hills. Wind data from this station include wind speed and direction in discontinuous intervals from the late 1970s and early 1980s. The wind data do not include sigma-theta measurements or estimated percent cloud cover and thus do not allow the computation of a wind speed and direction frequency distribution in Pasquill atmospheric stability classes. However, a complete data set is available for the Casper airport, located 56 miles northeast of the site.

Lidstone and Anderson, Inc. conducted a comparison (Attachment 1) of the Lucky Mc wind data with the Casper airport wind data and concluded that "the Casper Airport wind direction and wind speed data can be used to estimate the corresponding conditions in the Gas Hills." Lidstone

Table 2.1 Population Distribution Within 80 Kilometers of the Site

Compass Direction	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	Totals
Distance from Site (km)																	
1.0 - 2.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0 - 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0 - 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0 - 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0 - 10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0 - 20.0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
20.0 - 30.0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
30.0 - 40.0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	4	4	20
40.0 - 50.0	8	29	10	0	0	0	0	10	0	100	4	0	4	4	4	5	178
50.0 - 60.0	8	12	70	0	0	0	0	0	0	0	20	5	0	0	4	10	129
60.0 - 70.0	8	12	9	0	0	0	0	50	230	0	12	12	4	0	685	8	1,030
70.0 - 80.0	4	0	8	5	80	0	10	0	0	0	8	8	9000	200	16	16	9,355
Totals	**36**	**61**	**101**	**5**	**80**	**0**	**10**	**60**	**230**	**100**	**44**	**25**	**9008**	**204**	**713**	**43**	**10,720**

and Anderson, Inc. noted that the predominant wind direction at both sites is from the southwest quarter of the compass (SW, SSW, and WSW directions) and that the highest wind speeds at both sites tend to come from the same southwest quarter. Therefore, the 1972 to 1976 Casper airport data set used for MILDOS modeling at PRI's Highland Uranium Project was determined by Shepherd Miller, Inc. to be appropriate for use at the Gas Hills site.

2.3 Receptor Locations

Nineteen receptors were evaluated through the MILDOS model: the permit boundary at the 16 points of the compass, the nearest resident (which is also the nearest downwind resident), and the nearest communities of Jeffrey City and Waltman. Northing, easting and elevation for each of these 19 receptors were obtained from site mapping or USGS topographical maps and were input to the model relative to the northing, easting and elevation of the Carol Shop. (The Carol Shop is not a source of radiological constituents nor is it a receptor from the regulatory perspective, but is included in the model input as a receptor because it is considered as the site center.)

2.4 Source Terms

As noted previously, the only airborne radionuclide of concern at the PRI Gas Hills Project is radon. Source terms for radon were calculated using the equations given in NUREG 4088 (NRC 1984) and expected operations data supplied by PRI.

2.4.1 Production

The characteristics of the ore and the process were assumed to be as follows:

Ore Grade	0.15%
Ra-226 Concentration (R)	423 pCi/g
Operating Days (D)	365 days/year
Formation Thickness (T)	6.1 meters
Formation Porosity (p)	0.27
Lixiviant Residence Time (t_l)	30 days
Restoration Fluid Residence Time (t_r)	30 days
Emanating Power of the Ore (E)	0.20
Density of the Rock (ρ)	1.78 g/cm^3

The radon release per cubic meter (G) was calculated using the following equation (NRC 1984):

$$G = [RE\rho(1 - p)/p][(10^6\ cm^3/m^3)(10^{-12}\ Ci/pCi)]$$

$$G = [(423\ pCi/g)(0.20)(1.78\ g/cm^3)(1.00 - 0.27)/(0.27)]10^{-6}\ cm^3\text{-}Ci/pCi\text{-}m^3]$$
$$= 4.07 \times 10^{-4}\ Ci/m^3$$

The annual release rate (Y) for each satellite and its associated mine units was calculated using the following equation (NRC 1984):

$$Y = GMeD(1.44 \times 10^3\ min/day)(10^{-3}\ m^3/L)$$

where: M = Lixiviant flow rate in L/min

e = equilibrium fraction $(1 - e^{-0.693t/3.83\ days})$

= 0.99 for 30 day fluid residence time

$$Y = (4.07 \times 10^{-4}\ Ci/m^3)(0.99)(365\ days)(1.44\ min\text{-}m^3/day\text{-}L)[M]$$
$$= [0.210\ Ci\text{-}min/L\text{-}year][M]$$

The lixiviant flow rates at the satellites were taken from the Gas Hills Project Operations Plan, Table OP-7 (PRI 1996).

The total annual radon release during production was apportioned between the satellite and the active mine units. Release from the satellite was assumed to account for 50 percent of the total release. For the purpose of determining source terms, release from the purge water from all mine units during production, approximately 1 percent of the satellite flow rate, was attributed to Satellite #1 since it included the water treatment facility. The mine unit was assumed to account for the remainder, or approximately 49 percent of the total calculated annual release.

No radon releases were attributed to soaking prior to production, as described in NUREG 4088, since the mine units at the PRI Gas Hills Project will not be soaked.

2.4.2 Restoration

The radon source terms for restoration were calculated in the same manner as the source terms for the period of production. The ground water sweep and restoration flow rates were taken from Table OP-7 (PRI 1996). The total restoration volumes, based on the flow rates, were comparable to the estimated required restoration volumes given in Table OP-8 of the Operations Plan (PRI 1996).

NUREG 4088 describes removal of one pore volume of water from each mine unit prior to the start of restoration. That pore volume is included in the ground water sweep volumes given in Table OP-7. Therefore, no additional release was attributed specifically to extraction of one pore volume prior to restoration as described in NUREG 4088. All of the radon releases during restoration were attributed to Satellite #1 which includes the waste water treatment facility.

The calculated annual radon release and the releases attributable to each mine unit and satellite (source terms) are given in Table 2.2. The average source term for each two-year period was used in the MILDOS analysis.

Table 2.2 Source Terms Used in the MILDOS Analysis for Satellites and Mine Units

Year	Sat. #1 Ci/y	Mine Unit 1 (Ci/y)	Mine Unit 2 (Ci/y)	Mine Unit 4A (Ci/y)	Mine Unit 4B (Ci/y)	Sat. 2 (Ci/y)	Mine Unit 3A (Ci/y)	Mine Unit 3B (Ci/y)
1998	1634	1566	0	0	0	0	0	0
1999	2842	649	2078	0	0	0	0	0
2000	3241	740	2370	0	0	0	0	0
2001	3241	740	2370	0	0	0	0	0
2002	2380	0	2073	0	0	1033	275	1033
2003	1890	0	1593	0	0	1470	392	1470
2004	2911	0	0	2081	73	976	260	976
2005	3128	0	0	2662	94	362	97	362
2006	2461	0	0	1863	66	0	0	0
2007	1858	0	0	1304	46	0	0	0
2008	1341	0	0	0	0	0	0	0
2009	1047	0	0	0	0	0	0	0
2010	641	0	0	0	0	0	0	0
2011	238	0	0	0	0	0	0	0
2012	0	0	0	0	0	0	0	0
2013	0	0	0	0	0	0	0	0

2.4.3 RO Brine Evaporation and Storage Ponds

The brine from the RO process will be pumped to evaporation and storage ponds. The brine will remain wet throughout the production and restoration periods. The radon release rate was estimated on the basis of data provided by PRI and a standard flux assumed for uranium mill tailings, 1.0 pCi/m^2-s/pCi/g Ra-226. Since the brine will be wet during production and restoration years, this value was reduced to 0.35 pCi/m^2-s/pCi/g for the production and restoration years.

Based on information provided by PRI, the average Ra-226 concentration in the brine is not expected to exceed 200 pCi/g (R_p). Two of the evaporation ponds will have a total area of 1.0 acre each; the other two will have areas of 5.5 acres each. The total emission rates for the ponds (Y_p), per acre, were calculated as follows:

$$Y_p = (R_p)(A)(1.0\ pCi/m^2\text{-}s/pCi/g)(3.16 \times 10^7\ s/year)$$

$$Y_p = (200\ pCi/g)(4.05 \times 10^3 m^2/acre)(1.0\ pCi/m^2\text{-}s/pCi/g\ Ra\text{-}226)(3.16 \times 10^7\ s/year)$$
$$= 2.6 \times 10^{13}\ pCi/year\text{-}acre = 26\ Ci/y\text{-}acre$$

2.5 Time Steps

In order to accommodate the variation in source terms, seven time steps were defined for the mine units and satellites starting in 1998. MILDOS requires a minimum of two years per time step; therefore, source terms were averaged for each two-year period starting with 1998. Eight two-year time steps were designated for the evaporation ponds to allow for a two-year period when the ponds would dry out prior to disposal of the brine.

The source terms for the mine units and satellites were set at a nominal value of 1000 pCi/y. This value was adjusted in MILDOS by the time step multipliers to give the calculated source term for each source and time step. For time steps when the mine units and satellites were not in use, the multiplier was zero.

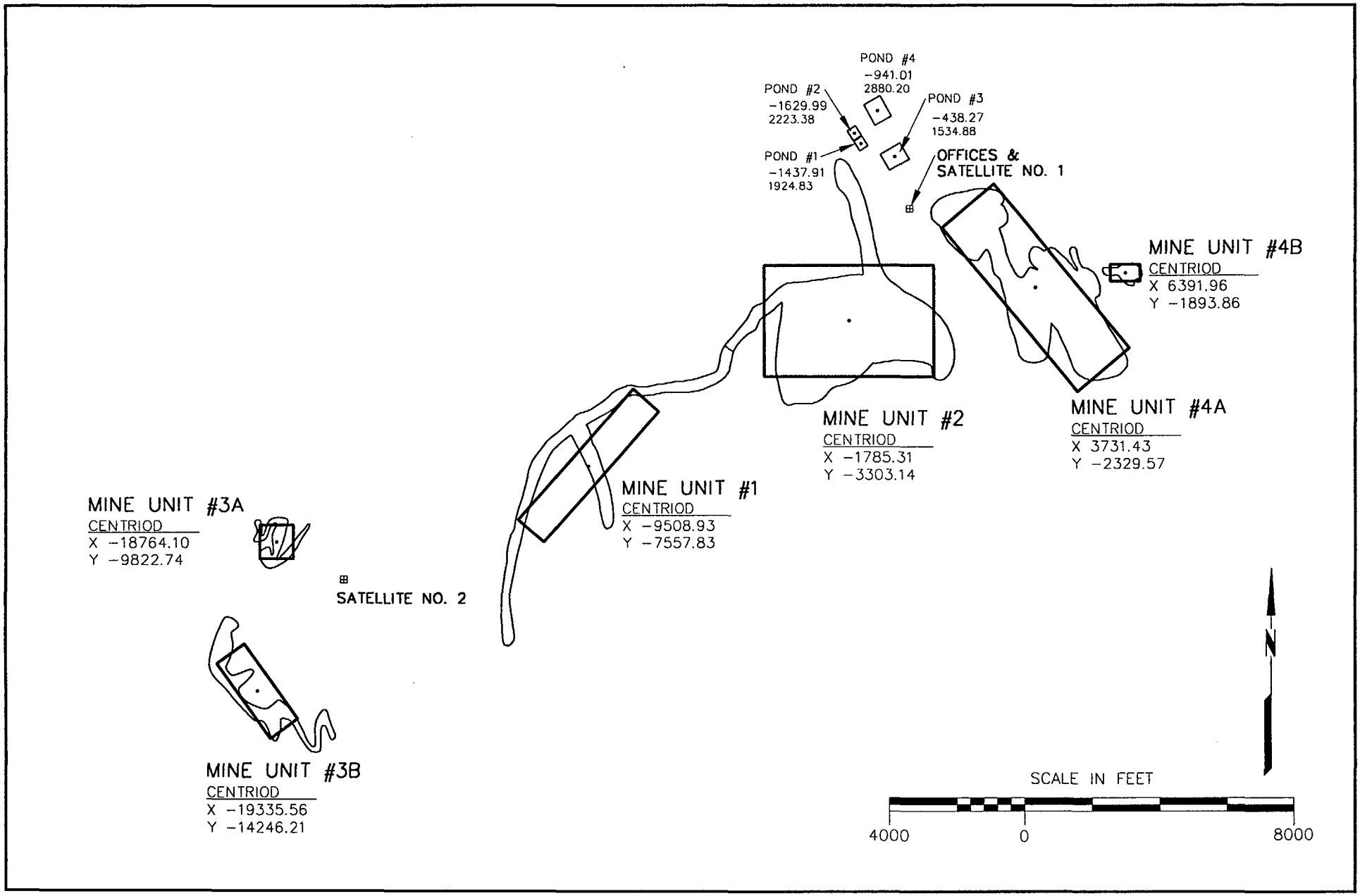
2.6 Other Input Assumptions

Information obtained from PRI defined two satellites and four mine units. Two of the mine units contained two non-contiguous areas. Each of the satellites and the non-contiguous areas of the mine units were defined as separate sources, for a total of eight satellites and mine units sources.

The location coordinates for the satellites, mine units, and evaporation ponds were obtained from maps supplied by PRI. The mine units are irregularly shaped; therefore, the centroids were estimated through AutoCAD and used as the horizontal (x, y) coordinates. The source areas were also calculated through AutoCAD. For the purpose of defining coordinates for input into MILDOS as area sources, a rectangular area equivalent to the mine unit area and with the same centroid was projected (Figure 2). (For Mine Unit #3, the centroid was outside the boundary of the unit.) The vertical (z) coordinates were estimated from the contour lines on the area maps supplied by PRI. All coordinates were based on satellite #1 (the Carol shop) having coordinate values of 0,0,0.

The satellites and the three smaller mine unit areas were treated as point sources. The three larger mine areas shown in Figure 2 were treated as area sources. Due to the limitations on the number of sources (MILDOS-AREA will handle 10), the code was run separately for the evaporation ponds. The estimated doses for the ponds were added to the estimated doses for the mine units and satellites for each time step.

The exit velocity for the point sources was assumed to be 0.2 m/s for consistency with a previous MILDOS analysis performed for the Highland Uranium Project.



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INCORPORATED

FIGURE 2
PROJECTED MINE UNIT AREAS AND CENTROIDS
PRI GAS HILLS ISL SITE

Date:	JAN. 1997
Project:	06-434
File:	MINEUNIT

3.0 RESULTS

The results of the MILDOS dose assessment are summarized in Tables 3.1 and 3.2. The results are given in detail in the MILDOS outputs attached (Attachments 2 and 3). The concentrations, as a fraction of the Effluent Concentration Limit (ECL) for radon, are given in detail in Attachment 4, and were computed separately using spreadsheets. The Effluent Limit Concentration for radon with daughters in equilibrium, given in Appendix B, Table 2 of 10 CFR 20, is 0.1 pCi/L, or based on a factor of 300 reduction from the derived air concentration for occupational exposure, 0.0011 Working Level (WL).

All estimated concentrations of radon at the site boundaries and human receptors were less than 0.1 pCi/L (1×10^{-4} pCi/m^3); radon daughter concentrations were all below 0.0011 WL.

Table 3.1 Estimated Radon Daughter Concentrations (WL) as a Fraction of the Effluent Concentration Limit at Boundaries and Receptors

Receptor	1998	2000	2002	2004	2006	2008	2010	2012
N Boundary	0.034	0.042	0.051	0.058	0.032	0.013	0.007	0.008
NNE Boundary	0.101	0.141	0.118	0.154	0.099	0.045	0.019	0.012
NE Boundary	0.087	0.130	0.115	0.142	0.090	0.031	0.014	0.011
ENE Boundary	0.156	0.238	0.198	0.244	0.159	0.062	0.028	0.021
E boundary	0.246	0.373	0.288	0.386	0.256	0.096	0.039	0.014
ESE Boundary	0.140	0.219	0.192	0.225	0.138	0.032	0.013	0.006
SE boundary	0.112	0.157	0.154	0.161	0.090	0.022	0.009	0.006
SSE boundary	0.192	0.266	0.233	0.273	0.166	0.059	0.024	0.012
S boundary	0.169	0.229	0.211	0.201	0.113	0.038	0.016	0.009
SSW Boundary	0.196	0.262	0.251	0.229	0.126	0.053	0.022	0.010
SW Boundary	0.048	0.062	0.163	0.105	0.027	0.010	0.004	0.003
WSW Boundary	0.051	0.066	0.089	0.106	0.056	0.022	0.010	0.006
W Boundary	0.183	0.250	0.203	0.269	0.177	0.092	0.037	0.017
WNW Boundary	0.042	0.053	0.068	0.074	0.042	0.021	0.012	0.017
NW Boundary	0.037	0.049	0.056	0.060	0.034	0.017	0.007	0.005
NNW Boundary	0.030	0.040	0.046	0.048	0.027	0.013	0.005	0.003
Nearest Res.	0.006	0.008	0.009	0.011	0.006	0.002	0.001	*
Waltman	0.002	0.002	0.002	0.003	0.002	*	*	*
Jeffrey City	0.002	0.003	0.003	0.004	0.002	*	*	*

* Less than 0.001

4.0 REFERENCES

Nuclear Regulatory Commission. 1984. Methods for Estimating Radioactive and Toxic Airborne Source Terms for Uranium Milling Operations. NUREG/CR-4088. Office of Nuclear Regulatory Research.

Nuclear Regulatory Commission. 1987. Methods for Estimating Radioactive and Toxic Airborne Source Terms for Uranium Milling Operations. Regulatory Guide 3.59.

Nuclear Regulatory Commission. 1980. Final Generic Environmental Impact Statement on Uranium Milling, Volume III. NUREG-0706. Office of Nuclear Material Safety and Safeguards.

Power Resources Inc. Gas Hills Project Operations Plan. December 1996.

ATTACHMENT 1

LIDSTONE & ANDERSON, INC.

Water Resources and Environmental Consultants

760 Whalers Way, Suite B-200
Fort Collins, CO 80525

January 13, 1997

Mr. Paul Hildenbrand
Power Resources Inc.
800 Werner Court
Suite 230
Casper, WY 82601

Re: Wind Data Analysis: PRI Gas Hills Project

Dear Paul,

Enclosed is the letter report entitled *Wind Data Comparison: Lucky Mc Mine vs Casper Airport, Wyoming.* This report summarizes the wind data analysis conducted to determine the validity of using long-term data measured at the Casper Airport in MILDOS modeling at the Gas Hills Project site.

As presented in the letter report, there appears to be a high correlation between wind direction and wind speed data at the two sites. We utilized a qualitative analytical approach for the data review. Statistically, R^2 values were not overly impressive. We generated a composite year of data from the data you provided. This composite year was then evaluated on a quarterly and annual basis. Each quarter showed good correlation between the two site with the exception of the first quarter. This is a result of limited data for that quarter (23 days in January, 1983).

The wind roses generated on a quarterly and annual basis show that the predominate wind direction is from the southwest quarter of the compass (i.e, SSW, SW and WSW compass bearings). This is true at both sites. The highest magnitudes are also measured in those directions on the average.

We have concluded from this evaluation that use of the Casper Airport data is justified for MILDOS modeling and would be an improvement over use of the partial record available from the Lucky Mc Mine site.

(970) 226-0120 FAX: (970) 226-0121 E-MAIL: LAWater@FortNet.org

Branch Office: Box 27, Savery, Wyoming 82332

If you have any questions regarding this report, methodologies, or conclusions, please do not hesitate to give me a call.

Sincerely,
LIDSTONE & ANDERSON, INC

Jay D. Schug
Senior Hydrologist

JDS:tlt

Enclosure

cc: Doug Beahm, BRS
Kent Bruxvoort, Shepherd-Miller

WIND DATA COMPARISON:
CASPER AIRPORT VS LUCKY MC MINE, WYOMING

1. Introduction

As part of PRI's application to the Nuclear Regulatory Commission (NRC) for licensing of their Gas Hills in-situ uranium mining project, atmospheric dispersion modeling (MILDOS) is to be conducted. Input parameters to the model include various atmospheric and meteorologic characteristics of the site. Data measured over long term periods are available for many of the parameters. However, wind data are not typically recorded.

Wind measurements were made at the Lucky Mc Mine site in the late 1970's and early 1980's during the "boom" in the Gas Hills uranium mining district. However, these data were recorded intermittently with significant gaps in the record and it is our understanding that existing weather stations in the vicinity do not record wind data. A weather station located at the Casper Airport, approximately 56 miles northeast, represents the nearest reliable source of consistent wind measurements.

The purpose of this investigation is to compare the available wind data recorded at the Lucky Mc Mine site with the Casper Airport data to determine if Casper data are representative of the Gas Hills.

2. Method

Hourly wind direction and velocity data recorded at the Lucky Mc Mine weather station were reviewed and tabulated. The period of overall record for the data extends from 1977 through 1983. Raw data were available only for the period 1980 through 1983. Information for the period 1977 through 1979 was limited to summary information only. For the purpose of this investigation, raw data were required to correlate wind characteristics in the Gas Hills with those of Casper for a given time period. Therefore, only the data recorded between 1980 and 1983 were used (Table 1).

Wind data were obtained for the weather station located at the Casper Airport from the National Climatic Data Center (NCDC) in Asheville, North Carolina. These data represent 3-hour average values for the same time periods as were available at the Lucky Mc Mine site.

As stated above, the purpose of this investigation was to determine the validity of improving MILDOS modeling in the Gas Hills with the longer period of record available at the Casper Airport. The method presented in the NRC position statement (Regulatory Guide 3.63, March, 1988) was generally followed for consistency.

That document states that for ***siting evaluations*** the minimum amount of meteorological data required is:

"that amount of data gathered on a continuing basis for a consecutive 12-month period that is representative of long-term (e.g. 30 years) meteorological conditions in the site vicinity."

No period in the data record spanned a consecutive 12-month period. Therefore, a composite year was generated using the partial series available for the Lucky Mc Mine site. A similar composite year was then made for the Casper Airport data. This method allowed a direct comparison of data recorded for the same periods at the two sites. The composite was then evaluated on a quarterly as well as an annual basis. For each time period, quarterly and annual relative frequencies of observations were computed for each of the 16 compass directions. The data within each compass direction was then broken into the six stability classes. Weighted mean wind velocities were computed from each of the frequency tables.
The results of the frequency analyses are presented in Table 2.

Wind roses were generated for each of the periods analyzed to allow qualitative comparison of the data. The quarterly wind direction and wind speed roses are depicted in Figures 1 and 2 respectively. Annual wind roses are presented in Figure 3.

3. Results and Discussion

Comparison of the wind direction data shows that the distribution of wind direction is generally the same at the two sites. Winds occur from the southwest and south-southwest the majority of the time. The first quarter of the composite data set did not show a reasonable correlation. Where most composite quarters average 60 days or more of well distributed data, the first quarter data set is limited in population and distribution. The predominant wind direction is from the southwest with typically 30 to 50 percent of all measurements falling within this quadrant (SSW, SW, and WSW).

Wind speed data also show similar distributions between the two sites, however, the magnitude of the data at the Lucky Mc Mine site are generally 15% to 20% higher. Each point on the wind speed rose represents the weighted average speed for a given direction interval. As with the comparison of the first quarter direction data, the first quarter wind speed data show the poorest correlation. The other three quarters show similar distribution of wind speed between the two sites. The strongest winds are generally from the southwest quarter of the compass. However, the variability in wind velocity is generally less than the variability in wind direction. That is, the average wind speed for each point of the compass does not vary significantly.

On an annual basis, the data from the two sites show similar distributions for both wind direction and wind speed (Figure 3). Qualitative comparison of the Casper Airport composite year with the long term (1965 - 1974) average shows a similar relationship. This indicates that the composite year is representative of the long term condition (Table 3 presents the long-term average data for the Casper Airport).

In summary, it can be concluded that the Casper Airport wind direction and wind speed data can be used to estimate the corresponding conditions in the Gas Hills. This conclusion is based upon a composite year data set, generated from three years of intermittent Lucky Mc Mine data. The composite year (Lucky Mc Mine data) was compared to data recorded on the same days at the Casper Airport weather station. A qualitative comparison of the wind rose data shows that wind blows predominantly from the same direction at the two sites throughout a typical year. Wind speed data show a similar configuration as the wind direction data (i.e., the highest winds correspond with the predominant wind direction). However, the Casper wind speed is typically 15% to 20% lower in magnitude than the corresponding Lucky Mc Mine data.

Finally, the average annual wind direction rose at the Lucky Mc Mine was compared to average annual data for selected Wyoming stations (Figure 4). In addition to being the closest weather station to the site, wind conditions at the Casper Airport most closely approximate conditions in the Gas Hills.

Table 1. Dates of Available Wind Direction and Velocity Data, Lucky Mc Mine.

Year/Dates	No. Days	Quarter
1980		
April 11-30	20	2
May 16-23	8	2
June 2-9	8	2
July 3-11	9	3
August 5-31	27	3
1981		
October 1-31	31	4
November 1-30	30	4
December 1-31	31	4
1982		
August 24-31	7	3
September 1-30	30	3
November 16-29	13	4
December 1-31	31	4
1983		
January 1-5,14-31	23	1

Table 2. Lucky Mc Mine (Gas Hills) and Casper Wind Data.

Wind Direction	First Quarter		Second Quarter		Third Quarter		Fourth Quarter		Annual Estimate	
	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)
	Lucky Mc Mine Data Summary									
N	1.58	16.66	2.18	8.58	2.26	8.02	4.25	10.80	2.83	10.12
NNE	2.76	13.34	1.70	10.47	4.85	9.55	7.44	8.65	4.97	9.87
NE	1.78	15.55	5.30	12.45	7.24	10.26	4.75	7.92	5.41	10.48
ENE	1.97	10.26	8.57	12.84	7.04	9.96	2.33	8.74	5.07	10.04
E	1.58	15.87	7.16	11.88	9.31	11.10	2.26	10.55	5.63	11.64
ESE	1.38	19.66	7.47	12.92	7.50	10.33	0.80	8.34	4.47	11.23
SE	0.20	15.84	10.44	11.26	7.76	9.64	0.80	9.05	4.89	10.47
SSE	0.20	2.71	5.76	11.57	3.68	9.13	1.82	10.69	2.95	9.24
S	2.17	15.89	7.32	11.27	5.82	10.17	3.51	12.44	4.82	11.82
SSW	0.99	16.06	11.83	11.86	13.64	13.65	19.65	15.70	13.80	14.36
SW	1.58	13.21	12.62	12.56	13.51	12.15	21.47	15.10	14.56	13.34
WSW	11.44	12.95	4.97	10.79	5.36	10.08	9.71	14.73	7.52	12.12
W	14.40	15.56	3.74	8.43	3.49	9.53	6.13	14.67	5.78	11.84
WNW	25.25	24.69	3.57	6.93	3.75	9.21	4.97	12.19	6.81	11.78
NW	28.60	26.42	4.83	8.01	2.65	8.57	4.89	11.51	6.98	11.70
NNW	4.14	17.32	2.49	5.91	2.14	8.54	5.19	11.69	3.47	10.28
	Casper Airport									
N	0.95	6.71	4.62	9.14	7.23	8.90	4.10	8.23	4.96	8.36
NNE	1.23	4.92	2.73	7.50	5.72	9.46	2.43	8.10	3.65	8.09
NE	1.23	5.55	4.62	6.00	5.41	8.44	3.20	6.43	3.95	7.09
ENE	0.55	5.00	5.67	10.31	4.53	8.77	1.46	6.17	3.04	7.50
E	1.23	6.14	7.98	11.76	4.06	8.90	0.97	8.11	3.04	8.50
ESE	1.09	5.90	3.15	6.77	1.77	7.57	0.90	6.73	1.53	6.95
SE	0.55	4.75	1.68	5.38	1.40	7.11	0.21	4.50	0.92	5.73
SSE	0.41	5.00	0.63	8.50	0.62	5.88	0.35	4.00	0.50	5.42
S	1.36	11.04	2.52	9.46	3.49	9.68	1.25	6.86	2.34	8.99
SSW	23.60	17.63	13.45	13.09	12.49	12.64	12.23	9.71	14.31	12.58
SW	40.79	15.12	18.28	11.47	19.88	11.74	39.05	14.03	29.13	12.98
WSW	10.23	9.71	12.61	9.63	12.33	9.59	17.16	9.94	13.54	9.72
W	8.73	7.82	9.45	8.68	7.86	8.44	6.74	8.31	7.81	8.32
WNW	4.77	7.24	4.83	7.11	5.62	6.88	3.89	8.89	4.86	7.60
NW	2.73	6.92	4.41	7.50	4.06	7.17	3.27	7.56	3.63	7.29
NNW	0.55	5.80	3.36	5.94	3.54	7.42	2.78	7.13	2.80	6.91

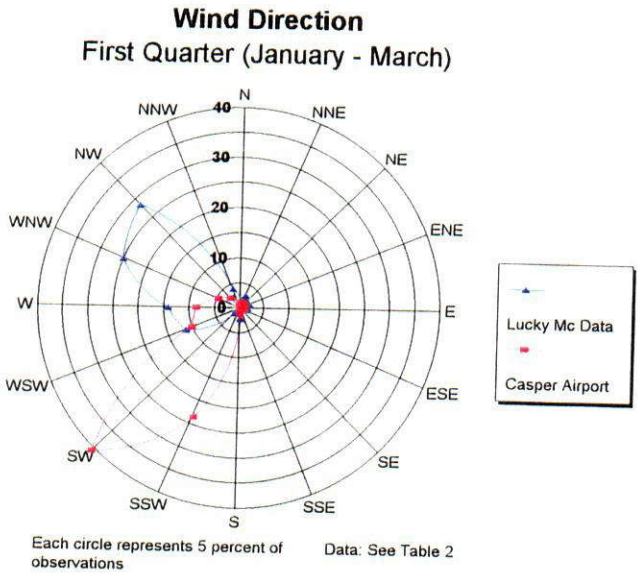
Table 3. Long-Term Average Wind Data for Casper Airport.

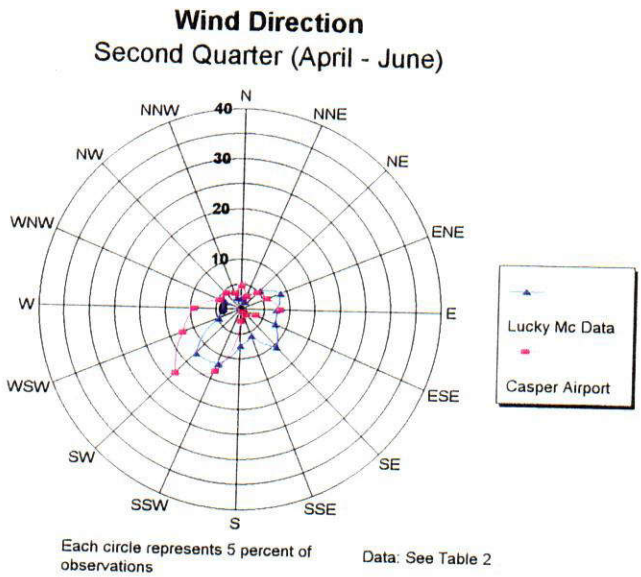
Wind Direction	January		February		March		April		May		June		July	
	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)
N	4.6%	8.6	3.5%	8.2	4.0%	11.4	6.0%	11	6.3%	9.1	4.2%	9.1	4.9%	7.8
NNE	8.4%	10	4.0%	9.6	5.3%	11.5	8.0%	12.3	9.4%	10.7	6.6%	8.6	9.6%	8.7
NE	3.2%	9.7	3.5%	10.7	4.6%	10.1	5.4%	10.3	5.8%	9.8	4.8%	8.7	4.5%	8.1
ENE	3.1%	7.3	2.5%	8.1	3.7%	8.9	3.6%	9.9	4.3%	9.2	3.9%	8.3	3.3%	8.5
E	6.0%	6.8	1.9%	7.6	4.6%	9.2	4.9%	10.9	8.3%	9.9	7.2%	9.3	6.9%	9.1
ESE	2.0%	6.3	1.0%	5.9	1.9%	7.9	3.2%	8.9	3.5%	10.2	3.4%	8.7	3.7%	8.6
SE	1.5%	5.1	0.6%	6.3	0.8%	8.2	1.6%	6.8	2.3%	7.4	2.3%	8.4	2.7%	7.6
SSE	2.0%	4.4	0.4%	5	0.4%	5.2	1.5%	7.1	1.9%	6.7	2.5%	7.7	3.0%	6.8
S	2.0%	10.6	0.9%	7.4	1.1%	8.3	1.5%	9.4	2.1%	8.5	2.2%	8.2	3.4%	7.8
SSW	8.0%	20	23.4%	17.4	14.4%	15.9	9.7%	13.8	6.0%	12.5	8.8%	11.4	9.5%	11
SW	11.7%	18.4	22.1%	16.4	16.9%	15.4	12.2%	14.3	8.5%	12.4	7.8%	11.7	7.3%	10.1
WSW	13.3%	14.1	17.8%	12.9	19.0%	13.2	15.5%	13	11.7%	10.9	12.2%	10.6	11.0%	9.7
W	16.3%	11.5	10.0%	10.3	10.9%	11.6	12.2%	12.1	12.0%	11	15.7%	10.4	13.0%	9.1
WNW	5.7%	10	2.8%	9	3.8%	11	4.5%	11.5	4.8%	10.7	4.0%	9.7	3.7%	8.3
NW	4.1%	7.4	2.1%	8	2.5%	9.3	2.7%	10.4	3.8%	10.1	3.6%	8.4	3.2%	8
NNW	4.5%	7.2	2.1%	8.7	3.1%	8.4	4.5%	8.8	5.2%	8.4	6.2%	8.5	5.4%	7.3
Calm	3.6%		1.4%		3.2%		3.0%		4.1%		4.6%		5.4%	

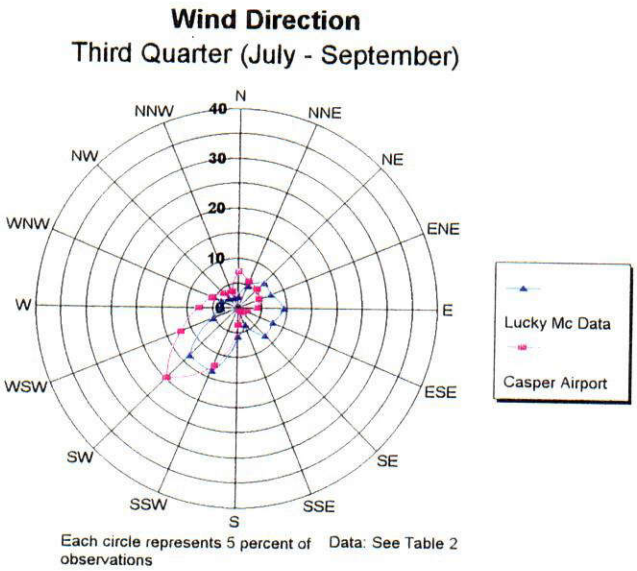
Wind Direction	August		September		October		November		December		Annual	
	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)	Frequency (percent)	Velocity (knots)
N	4.7%	7.8	4.6%	7.4	2.9%	7.7	3.3%	7.7	2.5%	7.9	4.1%	8.8
NNE	8.2%	8.3	8.4%	9.8	7.5%	9.6	5.4%	8.3	5.0%	9.9	6.8%	9.8
NE	4.2%	8.1	3.2%	9.2	3.6%	8.8	2.8%	8.1	1.8%	8.2	3.9%	9.2
ENE	3.5%	6.9	3.1%	8	2.9%	7.7	1.0%	7.1	1.1%	6.6	2.9%	8.3
E	7.9%	8.6	6.0%	8.8	4.4%	8.4	2.5%	7.5	1.4%	6.5	4.8%	9
ESE	3.8%	8.5	2.0%	9	1.4%	7.5	1.0%	5.9	1.0%	5.7	2.3%	8.4
SE	2.5%	7.6	1.5%	7.3	1.4%	5.4	0.8%	5.2	0.6%	5.1	1.5%	7.1
SSE	2.2%	6.8	2.0%	5.2	0.6%	5.2	0.4%	5.6	0.3%	5	1.3%	6.5
S	2.6%	8.1	2.0%	8.6	1.6%	7.3	0.3%	7.7	0.4%	13.2	1.5%	8.3
SSW	8.6%	11.4	8.0%	13.3	10.1%	13.8	17.7%	16.4	20.5%	18.4	13.3%	15.8
SW	9.0%	11.2	11.7%	12.6	17.8%	14.5	21.8%	15.4	28.9%	17.1	16.0%	15.2
WSW	10.4%	9.7	13.3%	10.5	16.9%	11.5	21.3%	13.1	18.3%	13.1	15.3%	12.1
W	13.0%	8.8	16.3%	10.1	16.8%	9.9	11.4%	9.9	10.1%	9.4	12.5%	10.3
WNW	4.2%	8.7	5.7%	9.2	4.1%	9.3	2.8%	7.7	2.1%	9.5	3.7%	9.6
NW	4.2%	8	4.1%	9	2.5%	9	2.1%	7.1	2.1%	6.8	2.9%	8.6
NNW	6.3%	7.2	4.5%	7.7	3.3%	7	3.1%	5.8	1.9%	6.7	4.1%	7.7
Calm	4.8%		3.6%		2.1%		2.3%		1.9%		3.1%	

Sources:

1. Climatography of the United States No. 90 (1965-1974)
2. Airport Climatological Summary
3. Casper, Wyoming
4. Natrona County
5. International Airport
6. NOAA/Environmental Data and Information Service/NCDC Asheville, NC, June 1979







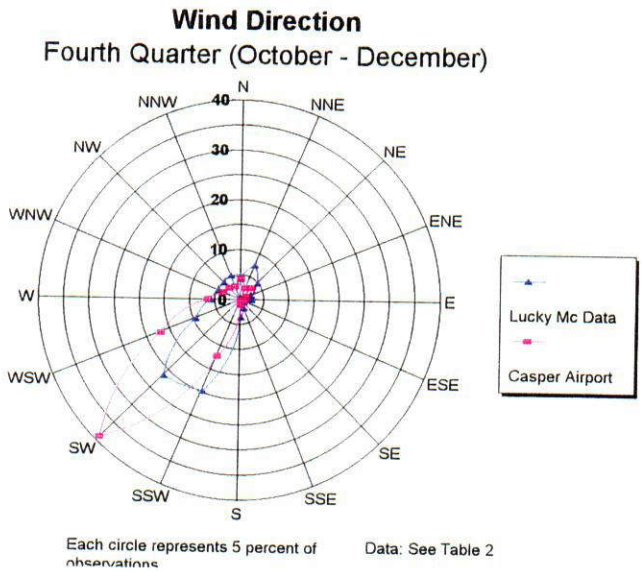
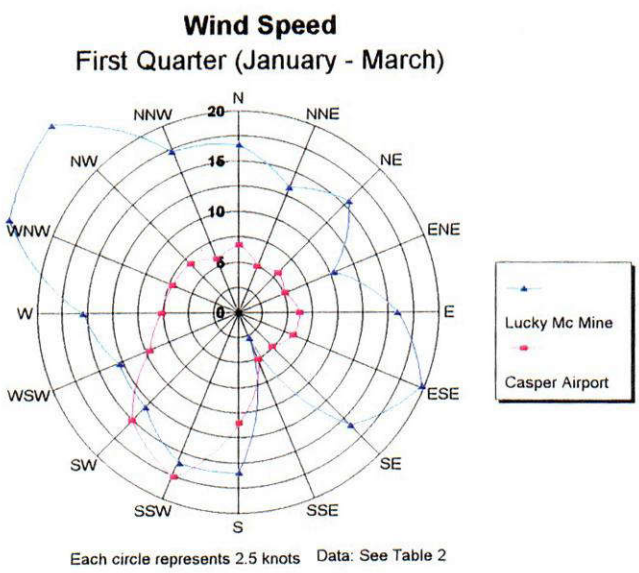
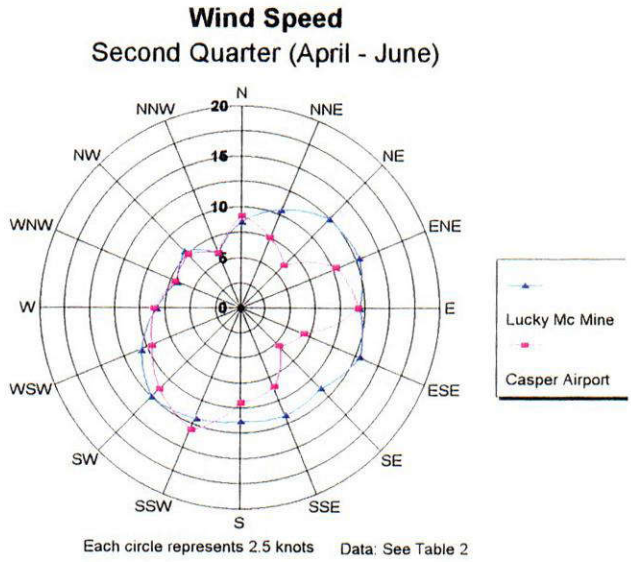
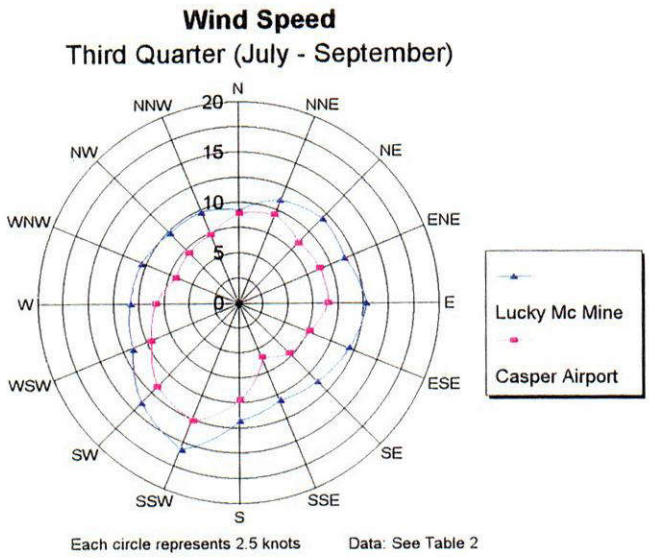


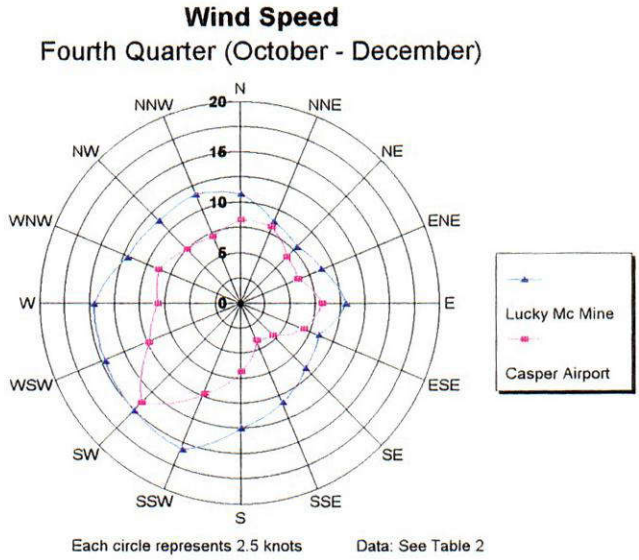
Figure 1. Quarterly Wind Roses: Wind Direction

C-01



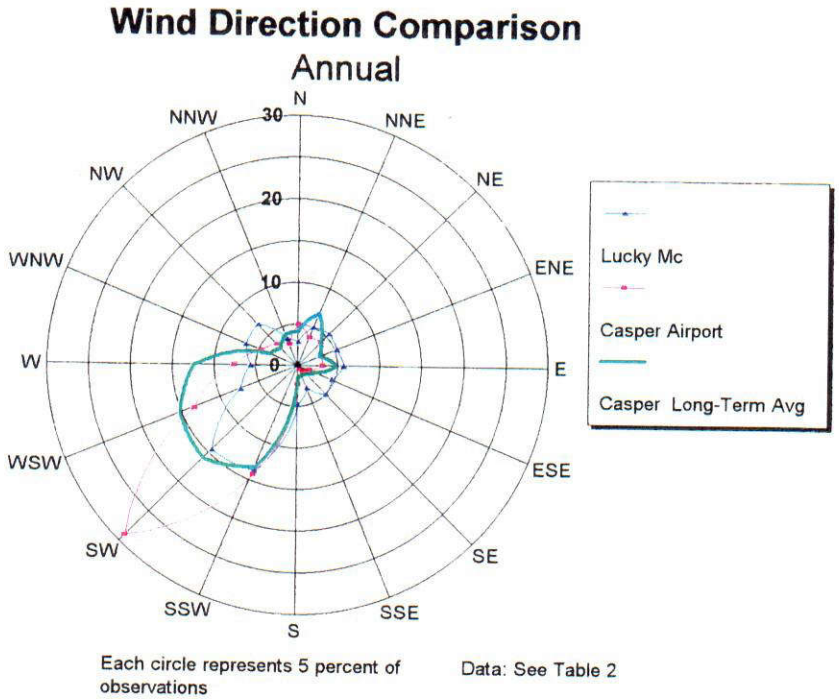






C-02

Figure 2. Quarterly Wind Roses: Wind Speed



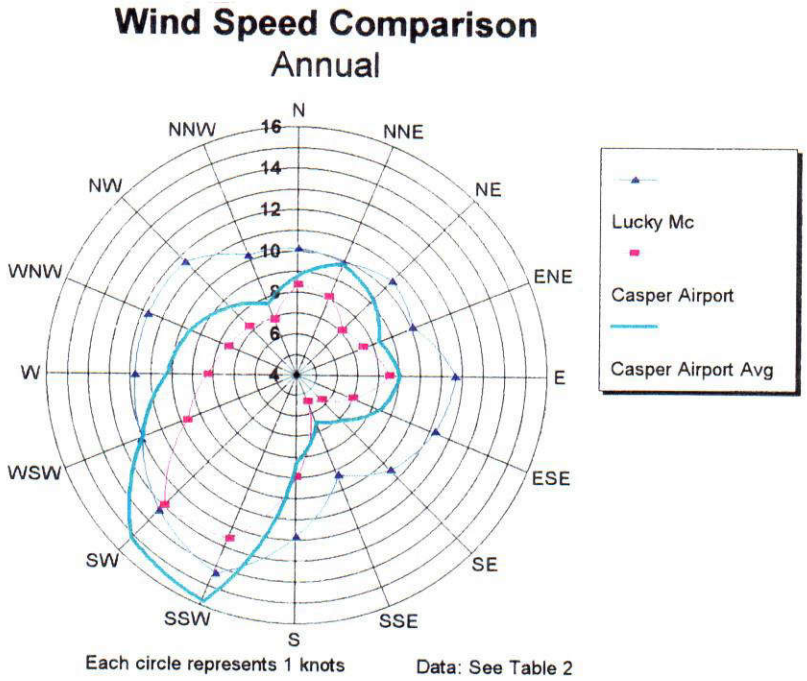


Figure 3. Annual Wind Roses

C-03

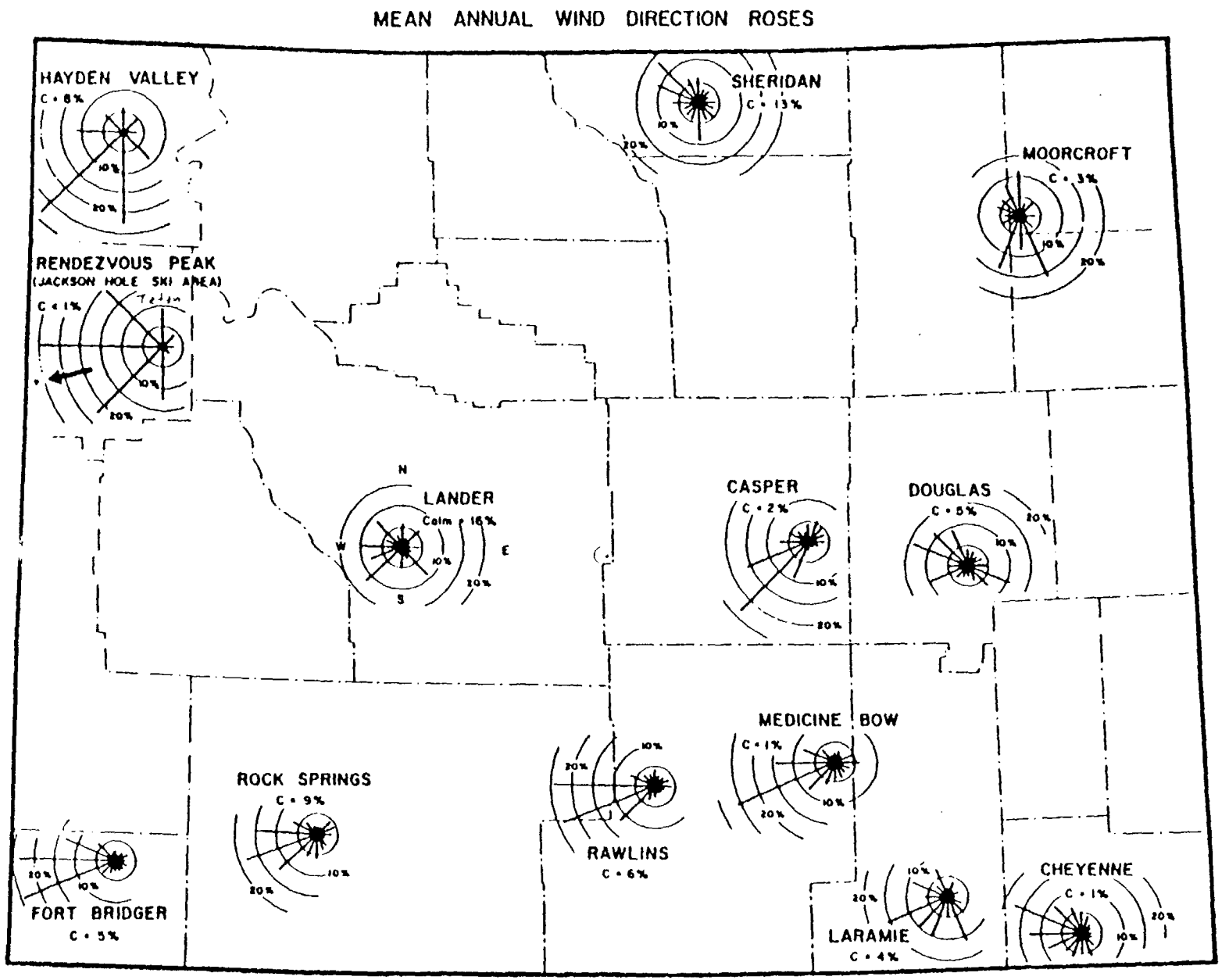


Figure 4. Average Annual Wind Direction Roses for Selected Wyoming Stations
(Source: The Wyoming Climate Atlas, by Brooks E. Martner)

ATTACHMENT 2

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REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 3
METSET: Casper, Wyoming DATA: c:\m\97\asa.dat 01/20/97
JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM
FREQWS=0.03677,0.19773,0.28054,0.27739,0.13952,0.06801

MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTALS
STABILITY CLASS 1																	
1.5	0.0000	0.0025	0.0013	0.0000	0.0051	0.0013	0.0051	0.0145	0.0119	0.0038	0.0025	0.0051	0.0076	0.0025	0.0013	0.0038	0.0683
5.5	0.0000	0.0137	0.0068	0.0000	0.0274	0.0068	0.0274	0.0342	0.0205	0.0205	0.0137	0.0274	0.0411	0.0137	0.0068	0.0205	0.2805
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	0.0000	0.0162	0.0081	0.0000	0.0325	0.0081	0.0325	0.0487	0.0324	0.0243	0.0162	0.0325	0.0487	0.0162	0.0081	0.0243	0.3488
STABILITY CLASS 2																	
1.5	0.0549	0.0333	0.0206	0.0190	0.0560	0.0422	0.0354	0.0934	0.0496	0.0545	0.0359	0.0454	0.0439	0.0143	0.0269	0.0391	0.6644
5.5	0.0411	0.1438	0.0753	0.0548	0.1507	0.0685	0.0753	0.1575	0.0685	0.2260	0.0822	0.1096	0.1849	0.0890	0.0616	0.1233	1.7121
10.0	0.0205	0.0616	0.0342	0.0479	0.0890	0.0411	0.0342	0.0685	0.0411	0.0959	0.0274	0.1507	0.1233	0.0411	0.0000	0.0959	0.9724
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	0.1165	0.2387	0.1301	0.1217	0.2957	0.1518	0.1449	0.3194	0.1592	0.3764	0.1455	0.3057	0.3521	0.1444	0.0885	0.2583	3.3489
STABILITY CLASS 3																	
1.5	0.0160	0.0278	0.0034	0.0303	0.0123	0.0027	0.0032	0.0182	0.0020	0.0127	0.0096	0.0157	0.0212	0.0020	0.0029	0.0253	0.2053
5.5	0.0548	0.1986	0.1027	0.0616	0.1575	0.0822	0.0959	0.1233	0.0616	0.1712	0.0753	0.0479	0.2123	0.0616	0.0890	0.1233	1.7188
10.0	0.1096	0.2945	0.0616	0.0616	0.2466	0.1370	0.0616	0.1164	0.0959	0.6164	0.5479	0.5479	0.5822	0.1301	0.1986	0.2329	4.0408
15.5	0.0137	0.0205	0.0205	0.0000	0.0411	0.0068	0.0068	0.0068	0.0274	0.2740	0.1781	0.1370	0.2123	0.0342	0.0411	0.0479	1.0682
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0685	0.0479	0.0205	0.0411	0.0000	0.0137	0.0000	0.1917
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0137	0.0137	0.0137	0.0068	0.0000	0.0000	0.0000	0.0479
ALL	0.1941	0.5414	0.1882	0.1535	0.4575	0.2287	0.1675	0.2647	0.1869	1.1565	0.8725	0.7827	1.0759	0.2279	0.3453	0.4294	7.2727
STABILITY CLASS 4																	
1.5	0.0237	0.0197	0.0099	0.0032	0.0117	0.0022	0.0018	0.0028	0.0013	0.0028	0.0015	0.0160	0.0105	0.0164	0.0095	0.0105	0.1435
5.5	0.1096	0.2329	0.1164	0.1301	0.1918	0.0890	0.0753	0.1164	0.0548	0.1164	0.0616	0.0822	0.1438	0.0959	0.1027	0.1438	1.8627
10.0	0.2397	0.6712	0.3425	0.1918	0.4110	0.1096	0.0411	0.1301	0.0959	0.3151	0.4247	0.4247	0.5411	0.0753	0.1370	0.3425	4.4933
15.5	0.3356	1.3288	0.4315	0.1918	0.7945	0.0822	0.1438	0.0959	0.0753	2.5068	2.6301	1.2329	1.7260	0.4589	0.2671	0.3904	12.6916
21.5	0.1575	0.3562	0.0753	0.0205	0.1644	0.0137	0.0137	0.0068	0.0342	2.6849	1.8219	0.6507	0.8288	0.1712	0.0890	0.1096	7.1984
28.0	0.0205	0.0342	0.0137	0.0000	0.0274	0.0000	0.0068	0.0000	0.0137	1.6161	1.1301	0.5137	0.4178	0.0753	0.0137	0.0205	3.9035
ALL	0.8866	2.6430	0.9893	0.5374	1.6008	0.2967	0.2825	0.3520	0.2752	7.2421	6.0699	2.9202	3.6680	0.8930	0.6190	1.0173	30.2930
STABILITY CLASS 5																	
1.5	0.0400	0.0785	0.0335	0.0258	0.0416	0.0115	0.0272	0.0089	0.0017	0.0237	0.0131	0.0335	0.0489	0.0272	0.0260	0.0381	0.4792
5.5	0.1781	0.4521	0.1918	0.1849	0.2055	0.0685	0.0890	0.0274	0.0274	0.1507	0.0959	0.1918	0.2055	0.0890	0.0685	0.2671	2.4932
10.0	0.5068	1.2397	0.5616	0.4384	0.8082	0.1575	0.0548	0.1644	0.0753	0.7260	0.7671	1.3082	1.2192	0.2329	0.2534	0.6370	9.1505
15.5	0.2671	1.3973	0.5068	0.2329	0.7123	0.0685	0.0137	0.0205	0.0959	3.6027	3.6781	1.8151	1.1027	0.1370	0.0548	0.2740	13.9794
21.5	0.0753	0.3288	0.0274	0.0274	0.0479	0.0000	0.0000	0.0205	0.0137	3.3151	1.9178	0.3904	0.2808	0.0342	0.0068	0.0753	6.5614
28.0	0.0342	0.0342	0.0000	0.0000	0.0137	0.0000	0.0000	0.0000	0.0000	1.6370	0.8904	0.1096	0.1096	0.0068	0.0000	0.0137	2.8492
ALL	1.1015	3.5306	1.3211	0.9094	1.8292	0.3060	0.1847	0.2417	0.2140	9.4552	7.3624	3.8486	2.9667	0.5271	0.4095	1.3052	35.5129
STABILITY CLASS 6																	
1.5	0.1205	0.1812	0.0758	0.0552	0.1429	0.0201	0.0808	0.1123	0.0447	0.1383	0.0776	0.1880	0.3943	0.1556	0.0835	0.2456	2.1164
5.5	0.7123	1.1849	0.5890	0.3904	0.6096	0.1918	0.1164	0.2603	0.2329	0.5411	0.6164	1.1781	2.1918	0.8014	0.7055	1.3836	11.7055
10.0	0.3014	0.4658	0.1986	0.2329	0.6644	0.0753	0.0548	0.0342	0.0822	0.8082	1.2877	2.6301	1.8493	0.1370	0.2877	0.2877	9.3973
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	1.1342	1.8319	0.8634	0.6785	1.4169	0.2872	0.2520	0.4068	0.3598	1.4876	1.9817	3.9962	4.4354	1.0940	1.0767	1.9169	23.2192
ALL	3.4329	8.8018	3.5002	2.4005	5.6326	1.2785	1.0641	1.6333	1.227519.742116.448211.885912.5468	2.9026	2.5471	4.9514	99.9955				

----------INDIVIDUAL RECEPTOR LOCATION DATA, 20 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
1	CAROL SHOP	0.00	0.00	0.00	0.00	10	11	SSW PERM BNDRY	-1.12	-2.71	173.70	2.93	10
2	N PERM BNDRY	0.00	2.49	0.00	2.49	10	12	SW PERM BNDRY	-5.56	-5.56	182.90	7.86	10
3	NNE PERM BNDRY	1.02	2.50	33.50	2.70	10	13	WSW PERM BNDRY	-2.17	-0.90	0.00	2.35	10
4	NE PERM BNDRY	2.51	2.51	64.00	3.55	10	14	W PERM BNDRY	-1.01	0.00	6.10	1.01	10
5	ENE PERM BNDRY	2.54	1.04	112.80	2.74	10	15	WNW PERM BNDRY	-1.02	0.42	-9.10	1.10	10
6	E PERM BNDRY	2.57	0.00	128.00	2.57	10	16	NW PERM BNDRY	-0.85	0.85	-21.30	1.20	10
7	ESE PERM BNDRY	2.59	-1.07	173.70	2.80	10	17	NNW PERM BNDRY	-0.63	1.53	-30.50	1.65	10
8	SE PERM BNDRY	2.22	-2.22	152.40	3.14	10	18	NEAREST RES & DWND	13.34	12.70	-115.80	18.42	10
9	SSE PERM BNDRY	0.96	-2.33	155.40	2.52	10	19	WALTMAN	25.53	29.21	-238.00	38.79	10
10	S PERM BNDRY	0.00	-2.34	185.90	2.34	10	20	JEFFERY CITY	-24.77	-32.51	-131.00	40.87	10

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
400.0	2400.0	1998.00	0.50	0.50	0.50	0.50	3120.00	345.00	134.00	2.50

IPACT EQUALS 0, 1, 2, 3, 0, 0, 0, 0,

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

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1	After 2.00 Years	2.00	1
2	After 4.00 Years	2.00	1
3	After 6.00 Years	2.00	1
4	After 8.00 Years	2.00	1
5	After 10.0 Years	2.00	1
6	After 12.0 Years	2.00	1
7	After 14.0 Years	2.00	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

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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2.0- 3.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5.0-10.0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10.0-20.0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20.0-30.0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30.0-40.0	4	4	4	0	0	0	0	0	0	0	0	0	0	0	4	4
40.0-50.0	8	29	10	0	0	0	0	10	0	100	4	0	4	4	4	5
50.0-60.0	8	12	70	0	0	0	0	0	0	0	20	5	0	0	4	10
60.0-70.0	8	12	9	0	0	0	0	50	230	0	12	12	4	0	685	8
70.0-80.0	4	0	8	5	80	0	10	0	0	0	8	8	9000	200	16	16
1.0-80.0	36	61	101	5	80	0	10	60	230	100	44	25	9008	204	713	43

TOTAL 1-80 KM POPULATION IS 10720 PERSONS

NUMBER OF SOURCES= 8

NO.	KM X	KM Y	M Z	KM2 AREA	CI/YEAR U-238	Th-230	Ra-226	Pb-210	Rn-222	PSIZE ID	M/SEC SET	EXIT VEL	SOURCE NAME
1	0.00	0.00	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03	1101	1	2.00E-01	Satellite #1
2	-2.90	-2.30	39.62	0.4769	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.51E+02	2201	1	0.00E+00	Mine Unit #1
3	-0.54	-1.01	82.29	1.5233	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.81E+02	2301	1	0.00E+00	Mine Unit #2
4	1.14	-0.71	30.48	1.1665	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.68E+02	2401	1	0.00E+00	Mine Unit #4A
5	1.95	-0.58	60.96	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03	1501	1	0.00E+00	Mine Unit #4B
6	-5.11	-3.34	9.14	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03	1601	1	2.00E-01	Satellite #2
7	-5.72	-2.99	-9.14	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03	1701	1	0.00E+00	Mine Unit #3A
8	-5.89	-4.34	36.57	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.00E+03	1801	1	0.00E+00	Mine Unit #3B

INPUT TAILS ACTIVITIES, PCI/G

SET	URANIUM	THORIUM	RADIUM	LEAD
1	0.00E+00	0.00E+00	0.00E+00	0.00E+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, 7 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 2.00YRS	TSTEP 2 2.00YRS	TSTEP 3 2.00YRS	TSTEP 4 2.00YRS	TSTEP 5 2.00YRS	TSTEP 6 2.00YRS	TSTEP 7 2.00YRS	TSTEP 8 0.00YRS	TSTEP 9 0.00YRS	TSTEP10 0.00YRS
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	0.000E+00	0.000E+00
2	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	0.000E+00
3	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	0.000E+00
4	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	0.000E+00
5	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	0.000E+00
6	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	0.000E+00
7	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	0.000E+00
8	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	0.000E+00

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 7 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 2.00YRS	TSTEP 2 2.00YRS	TSTEP 3 2.00YRS	TSTEP 4 2.00YRS	TSTEP 5 2.00YRS	TSTEP 6 2.00YRS	TSTEP 7 2.00YRS	TSTEP 8 0.00YRS	TSTEP 9 0.00YRS	TSTEP10 0.00YRS
1	2.238E+00	3.241E+00	2.135E+00	3.020E+00	2.160E+00	1.194E+00	4.400E-01	0.000E+00	0.000E+00	0.000E+00
2	7.350E+00	4.910E+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	2.160E+00	4.930E+00	3.810E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	0.000E+00	0.000E+00	0.000E+00	6.440E+00	4.300E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	0.000E+00	0.000E+00	0.000E+00	8.400E-02	5.600E-02	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	0.000E+00	0.000E+00	1.252E+00	6.690E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	0.000E+00	0.000E+00	3.340E-01	1.790E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	0.000E+00	0.000E+00	8.930E-01	4.780E-01	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+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 µm	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 µm	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 µm	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 µm	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 µm	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 U-238	GFACT Th-230	GFACT Ra-226	GFACT Pb-210	TFACT U-238	TFACT Th-230	TFACT Ra-226	TFACT Pb-210
1	After 2.00 Years	1.155E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00
2	After 4.00 Years	1.170E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00
3	After 6.00 Years	1.200E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00
4	After 8.00 Years	0.000E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00
5	After 10.0 Years	0.000E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00
6	After 12.0 Years	0.000E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00
7	After 14.0 Years	0.000E+00	6.225E+07	6.225E+07	6.223E+07	6.037E+07	1.622E+00	1.622E+00	1.622E+00	1.618E+00

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

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.980E+01	1.741E+01	4.934E+00	1.810E+00	2.222E-06	4.970E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.126E+01	1.056E+01	3.841E+00	1.771E+00	3.221E-06	3.695E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.919E+00	7.624E+00	3.225E+00	1.662E+00	4.052E-06	3.041E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.166E+00	6.017E+00	2.834E+00	1.564E+00	4.780E-06	2.640E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.031E+00	3.010E+00	1.788E+00	1.131E+00	5.247E-06	1.639E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.110E+00	1.110E+00	8.687E-01	6.686E-01	5.363E-06	8.041E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.969E-01	4.972E-01	4.486E-01	3.938E-01	5.078E-06	4.256E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.887E-01	2.889E-01	2.759E-01	2.576E-01	4.757E-06	2.657E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.923E-01	1.924E-01	1.885E-01	1.818E-01	4.479E-06	1.832E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.393E-01	1.393E-01	1.382E-01	1.357E-01	4.242E-06	1.350E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.065E-01	1.066E-01	1.064E-01	1.054E-01	4.037E-06	1.042E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.464E-02	8.469E-02	8.483E-02	8.455E-02	3.859E-06	8.327E-07

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.379E+01	1.379E+01	1.379E+01	4.025E-01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.360E+00	8.360E+00	8.360E+00	5.833E-01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.039E+00	6.039E+00	6.039E+00	7.338E-01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.766E+00	4.766E+00	4.766E+00	8.656E-01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.384E+00	2.384E+00	2.384E+00	9.502E-01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.789E-01	8.789E-01	8.789E-01	9.712E-01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.938E-01	3.938E-01	3.938E-01	9.196E-01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.288E-01	2.288E-01	2.288E-01	8.614E-01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.524E-01	1.524E-01	1.524E-01	8.111E-01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.104E-01	1.104E-01	1.104E-01	7.682E-01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.439E-02	8.439E-02	8.439E-02	7.311E-01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.708E-02	6.708E-02	6.708E-02	6.988E-01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.667E-09
2.5	0.000E+00	0.000E+00	0.000E+00	9.662E-09
3.5	0.000E+00	0.000E+00	0.000E+00	1.216E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.434E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.574E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.609E-08
25.0	0.000E+00	0.000E+00	0.000E+00	1.523E-08
35.0	0.000E+00	0.000E+00	0.000E+00	1.427E-08
45.0	0.000E+00	0.000E+00	0.000E+00	1.344E-08
55.0	0.000E+00	0.000E+00	0.000E+00	1.273E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.211E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.158E-08

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.414E+02	1.187E+02	3.111E+01	1.078E+01	9.304E-06	3.202E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.581E+01	6.123E+01	2.261E+01	1.053E+01	1.565E-05	2.170E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.076E+01	3.939E+01	1.783E+01	9.576E+00	2.027E-05	1.667E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.878E+01	2.829E+01	1.477E+01	8.636E+00	2.375E-05	1.362E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.485E+01	1.481E+01	9.896E+00	6.674E+00	3.009E-05	9.032E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.203E+00	6.206E+00	5.294E+00	4.329E+00	3.540E-05	4.938E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.252E+00	3.254E+00	3.073E+00	2.813E+00	3.688E-05	2.942E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+00	2.115E+00	2.068E+00	1.984E+00	3.667E-05	2.006E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.528E+00	1.528E+00	1.516E+00	1.486E+00	3.593E-05	1.480E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.176E+00	1.177E+00	1.175E+00	1.164E+00	3.503E-05	1.151E-05
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.445E-01	9.451E-01	9.465E-01	9.430E-01	3.410E-05	9.289E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.814E-01	7.818E-01	7.843E-01	7.838E-01	3.318E-05	7.705E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.400E+01	9.400E+01	9.400E+01	1.685E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.850E+01	4.850E+01	4.850E+01	2.834E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.120E+01	3.120E+01	3.120E+01	3.670E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.240E+01	2.240E+01	2.240E+01	4.300E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.173E+01	1.173E+01	1.173E+01	5.449E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.915E+00	4.915E+00	4.915E+00	6.411E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.577E+00	2.577E+00	2.577E+00	6.680E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+00	1.675E+00	1.675E+00	6.641E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.211E+00	1.211E+00	1.211E+00	6.506E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.323E-01	9.323E-01	9.323E-01	6.344E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.485E-01	7.485E-01	7.485E-01	6.175E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.192E-01	6.192E-01	6.192E-01	6.009E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	2.791E-08
2.5	0.000E+00	0.000E+00	0.000E+00	4.694E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.080E-08
4.5	0.000E+00	0.000E+00	0.000E+00	7.124E-08
7.5	0.000E+00	0.000E+00	0.000E+00	9.027E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.062E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.107E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.100E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.078E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.023E-07
75.0	0.000E+00	0.000E+00	0.000E+00	9.954E-08

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.251E+01	4.575E+01	1.314E+01	4.808E+00	4.335E-06	1.317E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.794E+01	2.613E+01	9.991E+00	4.730E+00	6.415E-06	9.522E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.686E+01	1.623E+01	7.440E+00	4.025E+00	7.490E-06	6.946E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.085E+01	1.065E+01	5.635E+00	3.334E+00	8.191E-06	5.197E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.330E+00	6.311E+00	4.249E+00	2.898E+00	1.190E-05	3.885E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.544E+00	2.545E+00	2.207E+00	1.837E+00	1.485E-05	2.066E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.222E+00	1.223E+00	1.168E+00	1.085E+00	1.471E-05	1.123E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.558E-01	7.562E-01	7.441E-01	7.209E-01	1.409E-05	7.241E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.306E-01	5.309E-01	5.284E-01	5.209E-01	1.348E-05	5.169E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.005E-01	4.007E-01	4.008E-01	3.984E-01	1.291E-05	3.931E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.168E-01	3.170E-01	3.178E-01	3.173E-01	1.240E-05	3.121E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.590E-01	2.592E-01	2.601E-01	2.603E-01	1.194E-05	2.557E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.623E+01	3.623E+01	3.623E+01	7.851E-01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.070E+01	2.070E+01	2.070E+01	1.162E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.286E+01	1.286E+01	1.286E+01	1.357E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.433E+00	8.433E+00	8.433E+00	1.483E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.999E+00	4.999E+00	4.999E+00	2.156E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.016E+00	2.016E+00	2.016E+00	2.689E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.683E-01	9.683E-01	9.683E-01	2.663E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.990E-01	5.990E-01	5.990E-01	2.552E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.205E-01	4.205E-01	4.205E-01	2.440E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.174E-01	3.174E-01	3.174E-01	2.338E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.510E-01	2.510E-01	2.510E-01	2.246E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.053E-01	2.053E-01	2.053E-01	2.163E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.301E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.924E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.247E-08
4.5	0.000E+00	0.000E+00	0.000E+00	2.457E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.571E-08
15.0	0.000E+00	0.000E+00	0.000E+00	4.455E-08
25.0	0.000E+00	0.000E+00	0.000E+00	4.412E-08
35.0	0.000E+00	0.000E+00	0.000E+00	4.227E-08
45.0	0.000E+00	0.000E+00	0.000E+00	4.043E-08
55.0	0.000E+00	0.000E+00	0.000E+00	3.874E-08
65.0	0.000E+00	0.000E+00	0.000E+00	3.721E-08
75.0	0.000E+00	0.000E+00	0.000E+00	3.583E-08

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.479E+01	5.342E+01	1.330E+01	4.558E+00	3.538E-06	1.395E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.092E+01	2.759E+01	9.173E+00	4.160E+00	5.382E-06	9.044E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.661E+01	1.597E+01	6.953E+00	3.695E+00	6.965E-06	6.549E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.178E+01	1.154E+01	5.793E+00	3.357E+00	8.304E-06	5.377E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.815E+00	5.795E+00	3.700E+00	2.441E+00	1.035E-05	3.383E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.546E+00	2.547E+00	2.110E+00	1.672E+00	1.304E-05	1.956E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.335E+00	1.336E+00	1.249E+00	1.124E+00	1.410E-05	1.190E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.650E-01	8.656E-01	8.432E-01	8.024E-01	1.421E-05	8.160E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.232E-01	6.235E-01	6.177E-01	6.034E-01	1.402E-05	6.025E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.789E-01	4.792E-01	4.783E-01	4.733E-01	1.372E-05	4.684E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.840E-01	3.842E-01	3.848E-01	3.834E-01	1.339E-05	3.777E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.173E-01	3.175E-01	3.185E-01	3.184E-01	1.305E-05	3.130E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.231E+01	4.231E+01	4.231E+01	6.407E-01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.185E+01	2.185E+01	2.185E+01	9.746E-01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+01	1.265E+01	1.265E+01	1.261E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.138E+00	9.138E+00	9.138E+00	1.504E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.590E+00	4.590E+00	4.590E+00	1.875E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.017E+00	2.017E+00	2.017E+00	2.361E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.058E+00	1.058E+00	1.058E+00	2.554E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.856E-01	6.856E-01	6.856E-01	2.574E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.939E-01	4.939E-01	4.939E-01	2.539E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.796E-01	3.796E-01	3.796E-01	2.485E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-01	3.043E-01	3.043E-01	2.425E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.514E-01	2.514E-01	2.514E-01	2.364E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.061E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.615E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.090E-08
4.5	0.000E+00	0.000E+00	0.000E+00	2.491E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.106E-08
15.0	0.000E+00	0.000E+00	0.000E+00	3.911E-08
25.0	0.000E+00	0.000E+00	0.000E+00	4.230E-08
35.0	0.000E+00	0.000E+00	0.000E+00	4.264E-08
45.0	0.000E+00	0.000E+00	0.000E+00	4.206E-08
55.0	0.000E+00	0.000E+00	0.000E+00	4.117E-08
65.0	0.000E+00	0.000E+00	0.000E+00	4.018E-08
75.0	0.000E+00	0.000E+00	0.000E+00	3.916E-08

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

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.	9.850E-03	7.976E-02	1.295E-03	5.982E-02	2.876E-02	4.251E+00
GROUND	5.273E-04	5.273E-04	5.273E-04	5.273E-04	5.273E-04	5.273E-04
CLOUD	3.708E-02	3.708E-02	3.708E-02	3.708E-02	3.708E-02	3.708E-02
VEG. ING	8.205E-02	8.956E-01	8.205E-02	3.123E-01	2.471E-01	8.205E-02
MEAT ING	3.827E-03	4.329E-02	3.827E-03	1.399E-02	1.119E-02	3.827E-03
MILK ING	1.902E-03	1.796E-02	1.902E-03	7.332E-03	5.868E-03	1.902E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.352E-01	1.074E+00	1.267E-01	4.311E-01	3.306E-01	4.376E+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	1.653E+00	1.804E+01	1.653E+00	6.292E+00	4.979E+00	1.653E+00
MEAT ING	2.026E-02	2.292E-01	2.026E-02	7.404E-02	5.922E-02	2.026E-02
MILK ING	3.848E-04	3.634E-03	3.848E-04	1.484E-03	1.187E-03	3.848E-04
RNPLUS50	4.455E+01	6.075E+02	1.012E+01	4.455E+01	4.455E+01	2.835E+02
TOTALS	4.622E+01	6.257E+02	1.180E+01	5.091E+01	4.959E+01	2.852E+02

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	9.850E-03	7.976E-02	1.295E-03	5.982E-02	2.876E-02	4.251E+00
GROUND	5.273E-04	5.273E-04	5.273E-04	5.273E-04	5.273E-04	5.273E-04
CLOUD	3.708E-02	3.708E-02	3.708E-02	3.708E-02	3.708E-02	3.708E-02
VEG. ING	1.735E+00	1.894E+01	1.735E+00	6.604E+00	5.226E+00	1.735E+00
MEAT ING	2.408E-02	2.725E-01	2.408E-02	8.802E-02	7.041E-02	2.408E-02
MILK ING	2.287E-03	2.160E-02	2.287E-03	8.816E-03	7.055E-03	2.287E-03
RNPLUS50	4.455E+01	6.075E+02	1.012E+01	4.455E+01	4.455E+01	2.835E+02
TOTALS	4.636E+01	6.268E+02	1.192E+01	5.135E+01	4.992E+01	2.895E+02

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	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	CAROL SHOP	2	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	CAROL SHOP	3	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	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	N PERM BNDRY	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	N PERM BNDRY	2	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	N PERM BNDRY	3	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	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NNE PERM BNDRY	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	NNE PERM BNDRY	2	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	NNE PERM BNDRY	3	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	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NE PERM BNDRY	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	NE PERM BNDRY	2	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	NE PERM BNDRY	3	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	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ENE PERM BNDRY	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	ENE PERM BNDRY	2	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	ENE PERM BNDRY	3	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	ENE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	E PERM BNDRY	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	E PERM BNDRY	2	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	E PERM BNDRY	3	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	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ESE PERM BNDRY	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	ESE PERM BNDRY	2	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	ESE PERM BNDRY	3	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	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	SE PERM BNDRY	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	SE PERM BNDRY	2	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	SE PERM BNDRY	3	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	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	SSE PERM BNDRY	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
9	SSE PERM BNDRY	2	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	SSE PERM BNDRY	3	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	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	S PERM BNDRY	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
10	S PERM BNDRY	2	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	S PERM BNDRY	3	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	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	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
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	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
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	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
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	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
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	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
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	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
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	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
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	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
18	NEAREST RES & DWND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	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
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	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
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	3.495E+05	5.648E+03	1.211E+01	7.435E-01	1.202E-06	2.848E-09	2.043E-13	5.882E-03	4.474E+03	4.474E+03	4.474E+03	2.177E-01
2	1.131E+01	1.060E+01	3.849E+00	1.772E+00	3.212E-06	9.254E-09	8.716E-13	3.704E-05	8.393E+00	8.393E+00	8.393E+00	5.816E-01
3	4.606E+01	3.875E+01	1.050E+01	4.541E+00	7.904E-06	2.133E-08	1.955E-12	1.101E-04	3.069E+01	3.069E+01	3.069E+01	1.431E+00
4	3.332E+01	3.052E+01	9.585E+00	4.107E+00	8.918E-06	3.166E-08	3.594E-12	9.535E-05	2.417E+01	2.417E+01	2.417E+01	1.615E+00
5	5.647E+01	5.222E+01	1.745E+01	7.763E+00	1.354E-05	3.677E-08	3.387E-12	1.712E-04	4.136E+01	4.136E+01	4.136E+01	2.453E+00
6	7.881E+01	7.395E+01	2.835E+01	1.359E+01	2.233E-05	5.408E-08	4.435E-12	2.706E-04	5.857E+01	5.857E+01	5.857E+01	4.044E+00
7	3.702E+01	3.578E+01	1.650E+01	8.825E+00	1.742E-05	4.849E-08	4.261E-12	1.534E-04	2.834E+01	2.834E+01	2.834E+01	3.155E+00
8	2.885E+01	2.810E+01	1.328E+01	7.172E+00	1.530E-05	4.483E-08	3.937E-12	1.230E-04	2.226E+01	2.226E+01	2.226E+01	2.770E+00
9	5.757E+01	5.474E+01	2.239E+01	1.086E+01	1.634E-05	3.277E-08	1.976E-12	2.104E-04	4.335E+01	4.335E+01	4.335E+01	2.960E+00
10	5.987E+01	5.484E+01	1.928E+01	8.504E+00	1.060E-05	1.711E-08	8.063E-13	1.859E-04	4.344E+01	4.344E+01	4.344E+01	1.919E+00
11	7.346E+01	6.636E+01	2.209E+01	9.423E+00	1.154E-05	1.896E-08	9.309E-13	2.155E-04	5.256E+01	5.256E+01	5.256E+01	2.089E+00
12	1.018E+01	1.005E+01	5.712E+00	3.479E+00	1.138E-05	5.570E-08	8.186E-12	5.229E-05	7.961E+00	7.961E+00	7.961E+00	2.061E+00
13	2.573E+01	2.038E+01	5.335E+00	2.091E+00	2.306E-06	3.282E-09	1.346E-13	5.584E-05	1.614E+01	1.614E+01	1.614E+01	4.176E-01
14	1.210E+02	8.977E+01	1.768E+01	4.707E+00	2.805E-06	2.855E-09	1.127E-13	1.996E-04	7.110E+01	7.110E+01	7.110E+01	5.080E-01
15	2.517E+01	2.004E+01	3.942E+00	1.098E+00	9.279E-07	1.435E-09	7.695E-14	4.473E-05	1.588E+01	1.588E+01	1.588E+01	1.680E-01
16	1.648E+01	1.429E+01	4.071E+00	1.354E+00	1.082E-06	1.543E-09	8.520E-14	4.041E-05	1.132E+01	1.132E+01	1.132E+01	1.960E-01
17	1.155E+01	1.044E+01	3.402E+00	1.353E+00	1.397E-06	2.293E-09	1.401E-13	3.305E-05	8.266E+00	8.266E+00	8.266E+00	2.531E-01
18	1.100E+00	1.100E+00	7.542E-01	4.694E-01	1.734E-06	2.074E-08	9.256E-12	6.708E-06	8.716E-01	8.716E-01	8.716E-01	3.141E-01
19	2.148E-01	2.149E-01	1.897E-01	1.554E-01	7.968E-07	1.383E-08	1.246E-11	1.763E-06	1.702E-01	1.702E-01	1.702E-01	1.443E-01
20	2.471E-01	2.473E-01	2.396E-01	2.260E-01	3.496E-06	1.030E-07	1.011E-10	2.312E-06	1.958E-01	1.958E-01	1.958E-01	6.332E-01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.62E+04	6.48E-04	6.04E-05	3.37E-03	1.31E-03	4.37E+05
INFANT	GROUND	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01
INFANT	CLOUD	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.35E-04	2.67E-04	4.95E-04	4.95E-04	4.37E-04	0.00E+00
INFANT	TOTALS	2.62E+04	1.64E+00	1.64E+00	1.65E+00	1.64E+00	4.37E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.62E+04	4.91E-04	2.82E-05	1.50E-03	6.16E-04	4.37E+05
CHILD	GROUND	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01
CHILD	CLOUD	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01
CHILD	VEG. ING	1.09E-04	4.95E-04	5.83E-04	5.83E-04	4.28E-04	0.00E+00
CHILD	MEAT ING	1.70E-05	7.72E-05	9.09E-05	9.09E-05	6.68E-05	0.00E+00
CHILD	MILK ING	2.17E-05	9.83E-05	1.16E-04	1.16E-04	8.51E-05	0.00E+00
CHILD	TOTALS	2.62E+04	1.64E+00	1.64E+00	1.64E+00	1.64E+00	4.37E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.62E+04	1.21E-03	1.21E-05	6.41E-04	3.08E-04	4.37E+05
TEENAGE	GROUND	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01
TEENAGE	CLOUD	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01
TEENAGE	VEG. ING	1.63E-04	2.40E-03	5.20E-04	5.20E-04	4.30E-04	0.00E+00
TEENAGE	MEAT ING	2.50E-05	3.67E-04	7.94E-05	7.94E-05	6.57E-05	0.00E+00
TEENAGE	MILK ING	2.32E-05	3.41E-04	7.37E-05	7.37E-05	6.10E-05	0.00E+00
TEENAGE	TOTALS	2.62E+04	1.65E+00	1.64E+00	1.64E+00	1.64E+00	4.37E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.62E+04	7.12E-04	1.01E-05	5.34E-04	2.56E-04	4.37E+05
ADULT	GROUND	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01	7.99E-01
ADULT	CLOUD	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01	8.43E-01
ADULT	VEG. ING	9.89E-05	1.14E-03	3.40E-04	3.40E-04	2.77E-04	0.00E+00
ADULT	MEAT ING	1.91E-05	2.21E-04	6.57E-05	6.57E-05	5.35E-05	0.00E+00
ADULT	MILK ING	5.37E-06	6.20E-05	1.84E-05	1.84E-05	1.50E-05	0.00E+00
ADULT	TOTALS	2.62E+04	1.64E+00	1.64E+00	1.64E+00	1.64E+00	4.37E+05

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.48E-01	1.73E-03	1.62E-04	8.99E-03	3.49E-03	1.41E+01
INFANT	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
INFANT	CLOUD	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.60E-04	7.14E-04	1.32E-03	1.32E-03	1.17E-03	0.00E+00
INFANT	TOTALS	8.73E-01	2.62E-02	2.53E-02	3.41E-02	2.85E-02	1.42E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.48E-01	1.31E-03	7.54E-05	4.00E-03	1.64E-03	1.41E+01
CHILD	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
CHILD	CLOUD	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02
CHILD	VEG. ING	2.92E-04	1.32E-03	1.56E-03	1.56E-03	1.14E-03	0.00E+00
CHILD	MEAT ING	4.55E-05	2.06E-04	2.43E-04	2.43E-04	1.78E-04	0.00E+00
CHILD	MILK ING	5.80E-05	2.63E-04	3.09E-04	3.09E-04	2.27E-04	0.00E+00
CHILD	TOTALS	8.72E-01	2.69E-02	2.60E-02	2.99E-02	2.70E-02	1.42E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.48E-01	3.23E-03	3.23E-05	1.71E-03	8.22E-04	1.41E+01
TEENAGE	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
TEENAGE	CLOUD	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02
TEENAGE	VEG. ING	4.37E-04	6.42E-03	1.39E-03	1.39E-03	1.15E-03	0.00E+00
TEENAGE	MEAT ING	6.67E-05	9.82E-04	2.12E-04	2.12E-04	1.76E-04	0.00E+00
TEENAGE	MILK ING	6.19E-05	9.11E-04	1.97E-04	1.97E-04	1.63E-04	0.00E+00
TEENAGE	TOTALS	8.73E-01	3.53E-02	2.56E-02	2.73E-02	2.61E-02	1.42E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.48E-01	1.90E-03	2.69E-05	1.43E-03	6.85E-04	1.41E+01
ADULT	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
ADULT	CLOUD	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02	2.23E-02
ADULT	VEG. ING	2.64E-04	3.05E-03	9.07E-04	9.07E-04	7.39E-04	0.00E+00
ADULT	MEAT ING	5.11E-05	5.91E-04	1.76E-04	1.76E-04	1.43E-04	0.00E+00
ADULT	MILK ING	1.43E-05	1.66E-04	4.93E-05	4.93E-05	4.01E-05	0.00E+00
ADULT	TOTALS	8.72E-01	2.95E-02	2.49E-02	2.63E-02	2.54E-02	1.42E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.46E+00	4.26E-03	3.97E-04	2.21E-02	8.60E-03	5.76E+01
INFANT	GROUND	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03
INFANT	CLOUD	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.87E-04	1.76E-03	3.26E-03	3.26E-03	2.87E-03	0.00E+00
INFANT	TOTALS	3.52E+00	6.95E-02	6.72E-02	8.89E-02	7.50E-02	5.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.46E+00	3.23E-03	1.85E-04	9.83E-03	4.05E-03	5.76E+01
CHILD	GROUND	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03
CHILD	CLOUD	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
CHILD	VEG. ING	7.18E-04	3.25E-03	3.83E-03	3.83E-03	2.82E-03	0.00E+00
CHILD	MEAT ING	1.12E-04	5.07E-04	5.98E-04	5.98E-04	4.39E-04	0.00E+00
CHILD	MILK ING	1.43E-04	6.46E-04	7.61E-04	7.61E-04	5.59E-04	0.00E+00
CHILD	TOTALS	3.52E+00	7.12E-02	6.89E-02	7.86E-02	7.14E-02	5.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.46E+00	7.96E-03	7.95E-05	4.21E-03	2.02E-03	5.76E+01
TEENAGE	GROUND	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03
TEENAGE	CLOUD	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
TEENAGE	VEG. ING	1.07E-03	1.58E-02	3.42E-03	3.42E-03	2.83E-03	0.00E+00
TEENAGE	MEAT ING	1.64E-04	2.42E-03	5.22E-04	5.22E-04	4.32E-04	0.00E+00
TEENAGE	MILK ING	1.52E-04	2.24E-03	4.85E-04	4.85E-04	4.01E-04	0.00E+00
TEENAGE	TOTALS	3.52E+00	9.19E-02	6.80E-02	7.22E-02	6.92E-02	5.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.46E+00	4.68E-03	6.62E-05	3.51E-03	1.69E-03	5.76E+01
ADULT	GROUND	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03	5.49E-03
ADULT	CLOUD	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02	5.80E-02
ADULT	VEG. ING	6.50E-04	7.51E-03	2.23E-03	2.23E-03	1.82E-03	0.00E+00
ADULT	MEAT ING	1.26E-04	1.45E-03	4.32E-04	4.32E-04	3.52E-04	0.00E+00
ADULT	MILK ING	3.53E-05	4.08E-04	1.21E-04	1.21E-04	9.87E-05	0.00E+00
ADULT	TOTALS	3.52E+00	7.76E-02	6.64E-02	6.98E-02	6.75E-02	5.76E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.50E+00	4.81E-03	4.49E-04	2.50E-02	9.70E-03	4.17E+01
INFANT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
INFANT	CLOUD	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.00E-03	1.98E-03	3.67E-03	3.67E-03	3.24E-03	0.00E+00
INFANT	TOTALS	2.56E+00	6.37E-02	6.10E-02	8.56E-02	6.99E-02	4.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.50E+00	3.65E-03	2.10E-04	1.11E-02	4.57E-03	4.17E+01
CHILD	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
CHILD	CLOUD	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02
CHILD	VEG. ING	8.10E-04	3.67E-03	4.33E-03	4.33E-03	3.18E-03	0.00E+00
CHILD	MEAT ING	1.26E-04	5.72E-04	6.75E-04	6.75E-04	4.96E-04	0.00E+00
CHILD	MILK ING	1.61E-04	7.29E-04	8.59E-04	8.59E-04	6.31E-04	0.00E+00
CHILD	TOTALS	2.56E+00	6.55E-02	6.30E-02	7.39E-02	6.58E-02	4.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.50E+00	8.98E-03	8.99E-05	4.76E-03	2.28E-03	4.17E+01
TEENAGE	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
TEENAGE	CLOUD	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02
TEENAGE	VEG. ING	1.21E-03	1.78E-02	3.85E-03	3.85E-03	3.19E-03	0.00E+00
TEENAGE	MEAT ING	1.85E-04	2.73E-03	5.89E-04	5.89E-04	4.88E-04	0.00E+00
TEENAGE	MILK ING	1.72E-04	2.53E-03	5.47E-04	5.47E-04	4.53E-04	0.00E+00
TEENAGE	TOTALS	2.56E+00	8.90E-02	6.20E-02	6.67E-02	6.33E-02	4.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.50E+00	5.28E-03	7.49E-05	3.96E-03	1.90E-03	4.17E+01
ADULT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
ADULT	CLOUD	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02	5.26E-02
ADULT	VEG. ING	7.33E-04	8.47E-03	2.52E-03	2.52E-03	2.05E-03	0.00E+00
ADULT	MEAT ING	1.42E-04	1.64E-03	4.87E-04	4.87E-04	3.97E-04	0.00E+00
ADULT	MILK ING	3.98E-05	4.60E-04	1.37E-04	1.37E-04	1.11E-04	0.00E+00
ADULT	TOTALS	2.56E+00	7.28E-02	6.01E-02	6.40E-02	6.14E-02	4.17E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.24E+00	7.30E-03	6.81E-04	3.79E-02	1.47E-02	7.06E+01
INFANT	GROUND	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03
INFANT	CLOUD	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.52E-03	3.01E-03	5.58E-03	5.58E-03	4.92E-03	0.00E+00
INFANT	TOTALS	4.34E+00	1.16E-01	1.12E-01	1.49E-01	1.26E-01	7.07E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.24E+00	5.54E-03	3.18E-04	1.69E-02	6.94E-03	7.06E+01
CHILD	GROUND	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03
CHILD	CLOUD	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02
CHILD	VEG. ING	1.23E-03	5.58E-03	6.57E-03	6.57E-03	4.83E-03	0.00E+00
CHILD	MEAT ING	1.92E-04	8.69E-04	1.02E-03	1.02E-03	7.53E-04	0.00E+00
CHILD	MILK ING	2.44E-04	1.11E-03	1.30E-03	1.30E-03	9.59E-04	0.00E+00
CHILD	TOTALS	4.34E+00	1.19E-01	1.15E-01	1.32E-01	1.19E-01	7.07E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.24E+00	1.36E-02	1.36E-04	7.22E-03	3.47E-03	7.06E+01
TEENAGE	GROUND	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03
TEENAGE	CLOUD	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02
TEENAGE	VEG. ING	1.84E-03	2.71E-02	5.85E-03	5.85E-03	4.84E-03	0.00E+00
TEENAGE	MEAT ING	2.81E-04	4.14E-03	8.95E-04	8.95E-04	7.41E-04	0.00E+00
TEENAGE	MILK ING	2.61E-04	3.84E-03	8.31E-04	8.31E-04	6.87E-04	0.00E+00
TEENAGE	TOTALS	4.34E+00	1.55E-01	1.14E-01	1.21E-01	1.16E-01	7.07E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.24E+00	8.02E-03	1.14E-04	6.02E-03	2.89E-03	7.06E+01
ADULT	GROUND	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03	7.40E-03
ADULT	CLOUD	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02	9.85E-02
ADULT	VEG. ING	1.11E-03	1.29E-02	3.83E-03	3.83E-03	3.12E-03	0.00E+00
ADULT	MEAT ING	2.16E-04	2.49E-03	7.40E-04	7.40E-04	6.03E-04	0.00E+00
ADULT	MILK ING	6.05E-05	6.99E-04	2.08E-04	2.08E-04	1.69E-04	0.00E+00
ADULT	TOTALS	4.34E+00	1.30E-01	1.11E-01	1.17E-01	1.13E-01	7.07E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.91E+00	1.20E-02	1.12E-03	6.25E-02	2.43E-02	9.85E+01
INFANT	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
INFANT	CLOUD	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.51E-03	4.96E-03	9.20E-03	9.20E-03	8.12E-03	0.00E+00
INFANT	TOTALS	6.10E+00	1.97E-01	1.90E-01	2.51E-01	2.12E-01	9.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.91E+00	9.13E-03	5.24E-04	2.78E-02	1.14E-02	9.85E+01
CHILD	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
CHILD	CLOUD	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
CHILD	VEG. ING	2.03E-03	9.19E-03	1.08E-02	1.08E-02	7.96E-03	0.00E+00
CHILD	MEAT ING	3.16E-04	1.43E-03	1.69E-03	1.69E-03	1.24E-03	0.00E+00
CHILD	MILK ING	4.03E-04	1.83E-03	2.15E-03	2.15E-03	1.58E-03	0.00E+00
CHILD	TOTALS	6.09E+00	2.01E-01	1.95E-01	2.22E-01	2.02E-01	9.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.91E+00	2.25E-02	2.24E-04	1.19E-02	5.72E-03	9.85E+01
TEENAGE	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
TEENAGE	CLOUD	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
TEENAGE	VEG. ING	3.04E-03	4.46E-02	9.65E-03	9.65E-03	7.99E-03	0.00E+00
TEENAGE	MEAT ING	4.64E-04	6.83E-03	1.48E-03	1.48E-03	1.22E-03	0.00E+00
TEENAGE	MILK ING	4.31E-04	6.33E-03	1.37E-03	1.37E-03	1.13E-03	0.00E+00
TEENAGE	TOTALS	6.10E+00	2.60E-01	1.92E-01	2.04E-01	1.96E-01	9.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.91E+00	1.32E-02	1.87E-04	9.92E-03	4.76E-03	9.85E+01
ADULT	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
ADULT	CLOUD	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
ADULT	VEG. ING	1.84E-03	2.12E-02	6.31E-03	6.31E-03	5.14E-03	0.00E+00
ADULT	MEAT ING	3.55E-04	4.11E-03	1.22E-03	1.22E-03	9.94E-04	0.00E+00
ADULT	MILK ING	9.97E-05	1.15E-03	3.42E-04	3.42E-04	2.79E-04	0.00E+00
ADULT	TOTALS	6.09E+00	2.19E-01	1.88E-01	1.98E-01	1.91E-01	9.87E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 7 NAME=ESE PERM BNDRY X= 2.6KM, Y= -1.1KM, Z= 173.7M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 7 NAME=ESE PERM BNDRY X= 2.6KM, Y= -1.1KM, Z= 173.7M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.78E+00	9.39E-03	8.76E-04	4.88E-02	1.90E-02	4.63E+01
INFANT	GROUND	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03
INFANT	CLOUD	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.96E-03	3.87E-03	7.18E-03	7.18E-03	6.33E-03	0.00E+00
INFANT	TOTALS	2.89E+00	1.26E-01	1.20E-01	1.68E-01	1.38E-01	4.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.78E+00	7.12E-03	4.09E-04	2.17E-02	8.92E-03	4.63E+01
CHILD	GROUND	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03
CHILD	CLOUD	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01
CHILD	VEG. ING	1.58E-03	7.17E-03	8.45E-03	8.45E-03	6.21E-03	0.00E+00
CHILD	MEAT ING	2.47E-04	1.12E-03	1.32E-03	1.32E-03	9.68E-04	0.00E+00
CHILD	MILK ING	3.14E-04	1.42E-03	1.68E-03	1.68E-03	1.23E-03	0.00E+00
CHILD	TOTALS	2.89E+00	1.29E-01	1.24E-01	1.45E-01	1.30E-01	4.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.78E+00	1.75E-02	1.75E-04	9.29E-03	4.46E-03	4.63E+01
TEENAGE	GROUND	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03
TEENAGE	CLOUD	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01
TEENAGE	VEG. ING	2.37E-03	3.48E-02	7.53E-03	7.53E-03	6.23E-03	0.00E+00
TEENAGE	MEAT ING	3.62E-04	5.33E-03	1.15E-03	1.15E-03	9.53E-04	0.00E+00
TEENAGE	MILK ING	3.36E-04	4.94E-03	1.07E-03	1.07E-03	8.84E-04	0.00E+00
TEENAGE	TOTALS	2.89E+00	1.75E-01	1.22E-01	1.31E-01	1.25E-01	4.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.78E+00	1.03E-02	1.46E-04	7.74E-03	3.72E-03	4.63E+01
ADULT	GROUND	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03	5.07E-03
ADULT	CLOUD	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01	1.07E-01
ADULT	VEG. ING	1.43E-03	1.66E-02	4.92E-03	4.92E-03	4.01E-03	0.00E+00
ADULT	MEAT ING	2.77E-04	3.20E-03	9.52E-04	9.52E-04	7.76E-04	0.00E+00
ADULT	MILK ING	7.78E-05	8.99E-04	2.67E-04	2.67E-04	2.18E-04	0.00E+00
ADULT	TOTALS	2.89E+00	1.43E-01	1.19E-01	1.26E-01	1.21E-01	4.64E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME=SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME=SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.17E+00	8.25E-03	7.70E-04	4.28E-02	1.66E-02	3.61E+01
INFANT	GROUND	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03
INFANT	CLOUD	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.72E-03	3.40E-03	6.30E-03	6.30E-03	5.56E-03	0.00E+00
INFANT	TOTALS	2.26E+00	1.03E-01	9.81E-02	1.40E-01	1.13E-01	3.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.17E+00	6.25E-03	3.59E-04	1.90E-02	7.83E-03	3.61E+01
CHILD	GROUND	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03
CHILD	CLOUD	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02
CHILD	VEG. ING	1.39E-03	6.30E-03	7.42E-03	7.42E-03	5.45E-03	0.00E+00
CHILD	MEAT ING	2.17E-04	9.82E-04	1.16E-03	1.16E-03	8.50E-04	0.00E+00
CHILD	MILK ING	2.76E-04	1.25E-03	1.47E-03	1.47E-03	1.08E-03	0.00E+00
CHILD	TOTALS	2.26E+00	1.06E-01	1.01E-01	1.20E-01	1.06E-01	3.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.17E+00	1.54E-02	1.54E-04	8.16E-03	3.92E-03	3.61E+01
TEENAGE	GROUND	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03
TEENAGE	CLOUD	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02
TEENAGE	VEG. ING	2.08E-03	3.06E-02	6.61E-03	6.61E-03	5.47E-03	0.00E+00
TEENAGE	MEAT ING	3.18E-04	4.68E-03	1.01E-03	1.01E-03	8.37E-04	0.00E+00
TEENAGE	MILK ING	2.95E-04	4.34E-03	9.38E-04	9.38E-04	7.76E-04	0.00E+00
TEENAGE	TOTALS	2.26E+00	1.46E-01	9.97E-02	1.08E-01	1.02E-01	3.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.16E+00	9.06E-03	1.28E-04	6.80E-03	3.26E-03	3.61E+01
ADULT	GROUND	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03	3.98E-03
ADULT	CLOUD	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02	8.70E-02
ADULT	VEG. ING	1.26E-03	1.45E-02	4.32E-03	4.32E-03	3.52E-03	0.00E+00
ADULT	MEAT ING	2.43E-04	2.81E-03	8.36E-04	8.36E-04	6.81E-04	0.00E+00
ADULT	MILK ING	6.83E-05	7.89E-04	2.35E-04	2.35E-04	1.91E-04	0.00E+00
ADULT	TOTALS	2.26E+00	1.18E-01	9.65E-02	1.03E-01	9.86E-02	3.62E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 9 NAME=SSE PERM BNDRY X= 1.0KM, Y= -2.3KM, Z= 155.4M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 9 NAME=SSE PERM BNDRY X= 1.0KM, Y= -2.3KM, Z= 155.4M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.32E+00	8.81E-03	8.21E-04	4.58E-02	1.78E-02	7.20E+01
INFANT	GROUND	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03
INFANT	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.83E-03	3.63E-03	6.73E-03	6.73E-03	5.94E-03	0.00E+00
INFANT	TOTALS	4.46E+00	1.55E-01	1.50E-01	1.95E-01	1.66E-01	7.21E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.32E+00	6.68E-03	3.83E-04	2.03E-02	8.37E-03	7.20E+01
CHILD	GROUND	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03
CHILD	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
CHILD	VEG. ING	1.49E-03	6.73E-03	7.93E-03	7.93E-03	5.82E-03	0.00E+00
CHILD	MEAT ING	2.32E-04	1.05E-03	1.24E-03	1.24E-03	9.08E-04	0.00E+00
CHILD	MILK ING	2.95E-04	1.34E-03	1.57E-03	1.57E-03	1.16E-03	0.00E+00
CHILD	TOTALS	4.46E+00	1.58E-01	1.54E-01	1.74E-01	1.59E-01	7.21E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.32E+00	1.65E-02	1.64E-04	8.72E-03	4.18E-03	7.20E+01
TEENAGE	GROUND	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03
TEENAGE	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
TEENAGE	VEG. ING	2.22E-03	3.27E-02	7.06E-03	7.06E-03	5.85E-03	0.00E+00
TEENAGE	MEAT ING	3.40E-04	5.00E-03	1.08E-03	1.08E-03	8.94E-04	0.00E+00
TEENAGE	MILK ING	3.15E-04	4.64E-03	1.00E-03	1.00E-03	8.30E-04	0.00E+00
TEENAGE	TOTALS	4.46E+00	2.01E-01	1.52E-01	1.61E-01	1.54E-01	7.21E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.32E+00	9.68E-03	1.37E-04	7.26E-03	3.49E-03	7.20E+01
ADULT	GROUND	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03	7.75E-03
ADULT	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
ADULT	VEG. ING	1.34E-03	1.55E-02	4.62E-03	4.62E-03	3.76E-03	0.00E+00
ADULT	MEAT ING	2.60E-04	3.01E-03	8.93E-04	8.93E-04	7.28E-04	0.00E+00
ADULT	MILK ING	7.30E-05	8.43E-04	2.51E-04	2.51E-04	2.04E-04	0.00E+00
ADULT	TOTALS	4.46E+00	1.72E-01	1.49E-01	1.56E-01	1.51E-01	7.21E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 10 NAME=S PERM BNDRY X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 10 NAME=S PERM BNDRY X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.49E+00	5.71E-03	5.32E-04	2.97E-02	1.15E-02	7.48E+01
INFANT	GROUND	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03
INFANT	CLOUD	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.19E-03	2.36E-03	4.37E-03	4.37E-03	3.85E-03	0.00E+00
INFANT	TOTALS	4.61E+00	1.24E-01	1.21E-01	1.50E-01	1.31E-01	7.50E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.49E+00	4.33E-03	2.48E-04	1.32E-02	5.43E-03	7.48E+01
CHILD	GROUND	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03
CHILD	CLOUD	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01
CHILD	VEG. ING	9.63E-04	4.36E-03	5.14E-03	5.14E-03	3.78E-03	0.00E+00
CHILD	MEAT ING	1.50E-04	6.80E-04	8.02E-04	8.02E-04	5.89E-04	0.00E+00
CHILD	MILK ING	1.91E-04	8.67E-04	1.02E-03	1.02E-03	7.50E-04	0.00E+00
CHILD	TOTALS	4.61E+00	1.26E-01	1.23E-01	1.36E-01	1.26E-01	7.50E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.49E+00	1.07E-02	1.06E-04	5.65E-03	2.71E-03	7.48E+01
TEENAGE	GROUND	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03
TEENAGE	CLOUD	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01
TEENAGE	VEG. ING	1.44E-03	2.12E-02	4.58E-03	4.58E-03	3.79E-03	0.00E+00
TEENAGE	MEAT ING	2.20E-04	3.24E-03	7.00E-04	7.00E-04	5.80E-04	0.00E+00
TEENAGE	MILK ING	2.04E-04	3.01E-03	6.50E-04	6.50E-04	5.38E-04	0.00E+00
TEENAGE	TOTALS	4.61E+00	1.54E-01	1.22E-01	1.27E-01	1.24E-01	7.50E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.49E+00	6.28E-03	8.86E-05	4.71E-03	2.26E-03	7.48E+01
ADULT	GROUND	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03	7.77E-03
ADULT	CLOUD	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01	1.08E-01
ADULT	VEG. ING	8.72E-04	1.01E-02	2.99E-03	2.99E-03	2.44E-03	0.00E+00
ADULT	MEAT ING	1.69E-04	1.95E-03	5.79E-04	5.79E-04	4.72E-04	0.00E+00
ADULT	MILK ING	4.73E-05	5.47E-04	1.63E-04	1.63E-04	1.32E-04	0.00E+00
ADULT	TOTALS	4.61E+00	1.35E-01	1.20E-01	1.24E-01	1.21E-01	7.50E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 11 NAME=SSW PERM BNDRY X= -1.1KM, Y= -2.7KM, Z= 173.7M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 11 NAME=SSW PERM BNDRY X= -1.1KM, Y= -2.7KM, Z= 173.7M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.51E+00	6.22E-03	5.79E-04	3.23E-02	1.26E-02	9.18E+01
INFANT	GROUND	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03
INFANT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.29E-03	2.56E-03	4.75E-03	4.75E-03	4.19E-03	0.00E+00
INFANT	TOTALS	5.64E+00	1.39E-01	1.36E-01	1.67E-01	1.47E-01	9.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.51E+00	4.72E-03	2.70E-04	1.44E-02	5.91E-03	9.18E+01
CHILD	GROUND	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03
CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
CHILD	VEG. ING	1.05E-03	4.75E-03	5.60E-03	5.60E-03	4.11E-03	0.00E+00
CHILD	MEAT ING	1.63E-04	7.41E-04	8.73E-04	8.73E-04	6.41E-04	0.00E+00
CHILD	MILK ING	2.08E-04	9.43E-04	1.11E-03	1.11E-03	8.17E-04	0.00E+00
CHILD	TOTALS	5.64E+00	1.41E-01	1.38E-01	1.52E-01	1.42E-01	9.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.51E+00	1.16E-02	1.16E-04	6.15E-03	2.95E-03	9.18E+01
TEENAGE	GROUND	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03
TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
TEENAGE	VEG. ING	1.57E-03	2.31E-02	4.99E-03	4.99E-03	4.13E-03	0.00E+00
TEENAGE	MEAT ING	2.40E-04	3.53E-03	7.62E-04	7.62E-04	6.31E-04	0.00E+00
TEENAGE	MILK ING	2.23E-04	3.27E-03	7.08E-04	7.08E-04	5.86E-04	0.00E+00
TEENAGE	TOTALS	5.64E+00	1.72E-01	1.37E-01	1.43E-01	1.39E-01	9.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.51E+00	6.84E-03	9.65E-05	5.13E-03	2.46E-03	9.18E+01
ADULT	GROUND	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03	9.40E-03
ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
ADULT	VEG. ING	9.49E-04	1.10E-02	3.26E-03	3.26E-03	2.65E-03	0.00E+00
ADULT	MEAT ING	1.84E-04	2.12E-03	6.31E-04	6.31E-04	5.14E-04	0.00E+00
ADULT	MILK ING	5.15E-05	5.95E-04	1.77E-04	1.77E-04	1.44E-04	0.00E+00
ADULT	TOTALS	5.64E+00	1.51E-01	1.34E-01	1.39E-01	1.36E-01	9.20E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 12 NAME=SW PERM BNDRY X= -5.6KM, Y= -5.6KM, Z= 182.9M, DIST= 7.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 12 NAME=SW PERM BNDRY X= -5.6KM, Y= -5.6KM, Z= 182.9M, DIST= 7.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.66E-01	6.14E-03	5.75E-04	3.19E-02	1.24E-02	1.27E+01
INFANT	GROUND	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03
INFANT	CLOUD	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.28E-03	2.53E-03	4.69E-03	4.69E-03	4.14E-03	0.00E+00
INFANT	TOTALS	8.10E-01	5.13E-02	4.79E-02	7.92E-02	5.91E-02	1.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.65E-01	4.65E-03	2.69E-04	1.42E-02	5.83E-03	1.27E+01
CHILD	GROUND	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03
CHILD	CLOUD	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02
CHILD	VEG. ING	1.03E-03	4.69E-03	5.52E-03	5.52E-03	4.06E-03	0.00E+00
CHILD	MEAT ING	1.61E-04	7.31E-04	8.61E-04	8.61E-04	6.33E-04	0.00E+00
CHILD	MILK ING	2.05E-04	9.31E-04	1.10E-03	1.10E-03	8.06E-04	0.00E+00
CHILD	TOTALS	8.09E-01	5.36E-02	5.04E-02	6.43E-02	5.39E-02	1.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.65E-01	1.15E-02	1.15E-04	6.07E-03	2.91E-03	1.27E+01
TEENAGE	GROUND	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03
TEENAGE	CLOUD	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02
TEENAGE	VEG. ING	1.55E-03	2.28E-02	4.92E-03	4.92E-03	4.07E-03	0.00E+00
TEENAGE	MEAT ING	2.37E-04	3.48E-03	7.52E-04	7.52E-04	6.22E-04	0.00E+00
TEENAGE	MILK ING	2.20E-04	3.23E-03	6.98E-04	6.98E-04	5.78E-04	0.00E+00
TEENAGE	TOTALS	8.09E-01	8.35E-02	4.91E-02	5.51E-02	5.08E-02	1.28E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.65E-01	6.74E-03	9.59E-05	5.06E-03	2.43E-03	1.27E+01
ADULT	GROUND	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03	1.43E-03
ADULT	CLOUD	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02	4.12E-02
ADULT	VEG. ING	9.36E-04	1.08E-02	3.21E-03	3.21E-03	2.62E-03	0.00E+00
ADULT	MEAT ING	1.81E-04	2.09E-03	6.22E-04	6.22E-04	5.07E-04	0.00E+00
ADULT	MILK ING	5.08E-05	5.87E-04	1.75E-04	1.75E-04	1.42E-04	0.00E+00
ADULT	TOTALS	8.08E-01	6.29E-02	4.67E-02	5.17E-02	4.83E-02	1.28E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.93E+00	1.24E-03	1.16E-04	6.46E-03	2.51E-03	3.22E+01
INFANT	GROUND	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03
INFANT	CLOUD	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.59E-04	5.13E-04	9.50E-04	9.50E-04	8.38E-04	0.00E+00
INFANT	TOTALS	1.96E+00	3.21E-02	3.14E-02	3.77E-02	3.37E-02	3.22E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.93E+00	9.43E-04	5.39E-05	2.87E-03	1.18E-03	3.22E+01
CHILD	GROUND	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03
CHILD	CLOUD	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02
CHILD	VEG. ING	2.10E-04	9.49E-04	1.12E-03	1.12E-03	8.22E-04	0.00E+00
CHILD	MEAT ING	3.27E-05	1.48E-04	1.74E-04	1.74E-04	1.28E-04	0.00E+00
CHILD	MILK ING	4.16E-05	1.89E-04	2.22E-04	2.22E-04	1.63E-04	0.00E+00
CHILD	TOTALS	1.96E+00	3.25E-02	3.19E-02	3.47E-02	3.26E-02	3.22E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.93E+00	2.32E-03	2.31E-05	1.23E-03	5.90E-04	3.22E+01
TEENAGE	GROUND	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03
TEENAGE	CLOUD	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02
TEENAGE	VEG. ING	3.13E-04	4.61E-03	9.97E-04	9.97E-04	8.25E-04	0.00E+00
TEENAGE	MEAT ING	4.79E-05	7.05E-04	1.52E-04	1.52E-04	1.26E-04	0.00E+00
TEENAGE	MILK ING	4.45E-05	6.54E-04	1.41E-04	1.41E-04	1.17E-04	0.00E+00
TEENAGE	TOTALS	1.96E+00	3.86E-02	3.16E-02	3.28E-02	3.20E-02	3.22E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.93E+00	1.37E-03	1.93E-05	1.02E-03	4.92E-04	3.22E+01
ADULT	GROUND	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03	2.89E-03
ADULT	CLOUD	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02	2.74E-02
ADULT	VEG. ING	1.90E-04	2.19E-03	6.51E-04	6.51E-04	5.30E-04	0.00E+00
ADULT	MEAT ING	3.67E-05	4.24E-04	1.26E-04	1.26E-04	1.03E-04	0.00E+00
ADULT	MILK ING	1.03E-05	1.19E-04	3.54E-05	3.54E-05	2.88E-05	0.00E+00
ADULT	TOTALS	1.96E+00	3.44E-02	3.11E-02	3.22E-02	3.15E-02	3.22E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 14 NAME=W PERM BNDRY X= -1.0KM, Y= 0.0KM, Z= 6.1M, DIST= 1.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 14 NAME=W PERM BNDRY X= -1.0KM, Y= 0.0KM, Z= 6.1M, DIST= 1.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.08E+00	1.51E-03	1.40E-04	7.85E-03	3.05E-03	1.51E+02
INFANT	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
INFANT	CLOUD	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.15E-04	6.24E-04	1.16E-03	1.16E-03	1.02E-03	0.00E+00
INFANT	TOTALS	9.16E+00	8.46E-02	8.37E-02	9.14E-02	8.65E-02	1.51E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.07E+00	1.15E-03	6.56E-05	3.49E-03	1.44E-03	1.51E+02
CHILD	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
CHILD	CLOUD	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02
CHILD	VEG. ING	2.55E-04	1.15E-03	1.36E-03	1.36E-03	1.00E-03	0.00E+00
CHILD	MEAT ING	3.97E-05	1.80E-04	2.12E-04	2.12E-04	1.56E-04	0.00E+00
CHILD	MILK ING	5.06E-05	2.29E-04	2.70E-04	2.70E-04	1.99E-04	0.00E+00
CHILD	TOTALS	9.16E+00	8.51E-02	8.43E-02	8.78E-02	8.52E-02	1.51E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.07E+00	2.83E-03	2.81E-05	1.50E-03	7.18E-04	1.51E+02
TEENAGE	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
TEENAGE	CLOUD	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02
TEENAGE	VEG. ING	3.81E-04	5.61E-03	1.21E-03	1.21E-03	1.00E-03	0.00E+00
TEENAGE	MEAT ING	5.83E-05	8.57E-04	1.85E-04	1.85E-04	1.53E-04	0.00E+00
TEENAGE	MILK ING	5.41E-05	7.96E-04	1.72E-04	1.72E-04	1.42E-04	0.00E+00
TEENAGE	TOTALS	9.16E+00	9.25E-02	8.40E-02	8.55E-02	8.45E-02	1.51E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.07E+00	1.66E-03	2.34E-05	1.25E-03	5.99E-04	1.51E+02
ADULT	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
ADULT	CLOUD	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02	6.97E-02
ADULT	VEG. ING	2.31E-04	2.67E-03	7.92E-04	7.92E-04	6.45E-04	0.00E+00
ADULT	MEAT ING	4.46E-05	5.16E-04	1.53E-04	1.53E-04	1.25E-04	0.00E+00
ADULT	MILK ING	1.25E-05	1.45E-04	4.30E-05	4.30E-05	3.50E-05	0.00E+00
ADULT	TOTALS	9.16E+00	8.74E-02	8.35E-02	8.47E-02	8.38E-02	1.51E+02

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 15 NAME=WNW PERM BNDRY X= -1.0KM, Y= 0.4KM, Z= -9.1M, DIST= 1.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 15 NAME=WNW PERM BNDRY X= -1.0KM, Y= 0.4KM, Z= -9.1M, DIST= 1.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.89E+00	5.00E-04	4.65E-05	2.60E-03	1.01E-03	3.15E+01
INFANT	GROUND	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
INFANT	CLOUD	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.04E-04	2.06E-04	3.82E-04	3.82E-04	3.37E-04	0.00E+00
INFANT	TOTALS	1.91E+00	1.96E-02	1.93E-02	2.18E-02	2.02E-02	3.15E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.89E+00	3.79E-04	2.17E-05	1.15E-03	4.75E-04	3.15E+01
CHILD	GROUND	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
CHILD	CLOUD	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02
CHILD	VEG. ING	8.43E-05	3.82E-04	4.50E-04	4.50E-04	3.31E-04	0.00E+00
CHILD	MEAT ING	1.31E-05	5.96E-05	7.02E-05	7.02E-05	5.16E-05	0.00E+00
CHILD	MILK ING	1.67E-05	7.59E-05	8.94E-05	8.94E-05	6.57E-05	0.00E+00
CHILD	TOTALS	1.91E+00	1.97E-02	1.95E-02	2.06E-02	1.98E-02	3.15E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.89E+00	9.35E-04	9.31E-06	4.95E-04	2.38E-04	3.15E+01
TEENAGE	GROUND	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
TEENAGE	CLOUD	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02
TEENAGE	VEG. ING	1.26E-04	1.85E-03	4.01E-04	4.01E-04	3.32E-04	0.00E+00
TEENAGE	MEAT ING	1.93E-05	2.84E-04	6.13E-05	6.13E-05	5.07E-05	0.00E+00
TEENAGE	MILK ING	1.79E-05	2.63E-04	5.69E-05	5.69E-05	4.71E-05	0.00E+00
TEENAGE	TOTALS	1.91E+00	2.22E-02	1.94E-02	1.99E-02	1.95E-02	3.15E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.89E+00	5.50E-04	7.76E-06	4.12E-04	1.98E-04	3.15E+01
ADULT	GROUND	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
ADULT	CLOUD	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02	1.60E-02
ADULT	VEG. ING	7.63E-05	8.82E-04	2.62E-04	2.62E-04	2.13E-04	0.00E+00
ADULT	MEAT ING	1.48E-05	1.71E-04	5.07E-05	5.07E-05	4.13E-05	0.00E+00
ADULT	MILK ING	4.14E-06	4.79E-05	1.42E-05	1.42E-05	1.16E-05	0.00E+00
ADULT	TOTALS	1.91E+00	2.05E-02	1.92E-02	1.96E-02	1.93E-02	3.15E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 16 NAME=NW PERM BNDRY X= -0.9KM, Y= 0.9KM, Z= -21.3M, DIST= 1.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 16 NAME=NW PERM BNDRY X= -0.9KM, Y= 0.9KM, Z= -21.3M, DIST= 1.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.24E+00	5.84E-04	5.43E-05	3.03E-03	1.18E-03	2.06E+01
INFANT	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
INFANT	CLOUD	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.21E-04	2.41E-04	4.46E-04	4.46E-04	3.93E-04	0.00E+00
INFANT	TOTALS	1.26E+00	2.15E-02	2.11E-02	2.41E-02	2.22E-02	2.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.24E+00	4.42E-04	2.53E-05	1.35E-03	5.54E-04	2.06E+01
CHILD	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
CHILD	CLOUD	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02
CHILD	VEG. ING	9.84E-05	4.46E-04	5.25E-04	5.25E-04	3.86E-04	0.00E+00
CHILD	MEAT ING	1.53E-05	6.95E-05	8.19E-05	8.19E-05	6.01E-05	0.00E+00
CHILD	MILK ING	1.95E-05	8.85E-05	1.04E-04	1.04E-04	7.66E-05	0.00E+00
CHILD	TOTALS	1.26E+00	2.17E-02	2.14E-02	2.27E-02	2.17E-02	2.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.24E+00	1.09E-03	1.09E-05	5.77E-04	2.77E-04	2.06E+01
TEENAGE	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
TEENAGE	CLOUD	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02
TEENAGE	VEG. ING	1.47E-04	2.16E-03	4.68E-04	4.68E-04	3.87E-04	0.00E+00
TEENAGE	MEAT ING	2.25E-05	3.31E-04	7.15E-05	7.15E-05	5.92E-05	0.00E+00
TEENAGE	MILK ING	2.09E-05	3.07E-04	6.64E-05	6.64E-05	5.49E-05	0.00E+00
TEENAGE	TOTALS	1.26E+00	2.45E-02	2.12E-02	2.18E-02	2.14E-02	2.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.24E+00	6.41E-04	9.04E-06	4.81E-04	2.31E-04	2.06E+01
ADULT	GROUND	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03	2.02E-03
ADULT	CLOUD	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02	1.86E-02
ADULT	VEG. ING	8.90E-05	1.03E-03	3.06E-04	3.06E-04	2.49E-04	0.00E+00
ADULT	MEAT ING	1.72E-05	1.99E-04	5.92E-05	5.92E-05	4.82E-05	0.00E+00
ADULT	MILK ING	4.83E-06	5.58E-05	1.66E-05	1.66E-05	1.35E-05	0.00E+00
ADULT	TOTALS	1.26E+00	2.26E-02	2.10E-02	2.15E-02	2.12E-02	2.06E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 17 NAME=NNW PERM BNDRY X= -0.6KM, Y= 1.5KM, Z= -30.5M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 17 NAME=NNW PERM BNDRY X= -0.6KM, Y= 1.5KM, Z= -30.5M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.66E-01	7.53E-04	7.01E-05	3.91E-03	1.52E-03	1.44E+01
INFANT	GROUND	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
INFANT	CLOUD	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.57E-04	3.11E-04	5.76E-04	5.76E-04	5.08E-04	0.00E+00
INFANT	TOTALS	8.86E-01	2.02E-02	1.98E-02	2.36E-02	2.12E-02	1.45E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.66E-01	5.71E-04	3.27E-05	1.74E-03	7.16E-04	1.44E+01
CHILD	GROUND	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
CHILD	CLOUD	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
CHILD	VEG. ING	1.27E-04	5.75E-04	6.78E-04	6.78E-04	4.98E-04	0.00E+00
CHILD	MEAT ING	1.98E-05	8.97E-05	1.06E-04	1.06E-04	7.77E-05	0.00E+00
CHILD	MILK ING	2.52E-05	1.14E-04	1.35E-04	1.35E-04	9.89E-05	0.00E+00
CHILD	TOTALS	8.86E-01	2.05E-02	2.01E-02	2.18E-02	2.05E-02	1.45E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.66E-01	1.41E-03	1.40E-05	7.45E-04	3.58E-04	1.44E+01
TEENAGE	GROUND	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
TEENAGE	CLOUD	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
TEENAGE	VEG. ING	1.90E-04	2.79E-03	6.04E-04	6.04E-04	5.00E-04	0.00E+00
TEENAGE	MEAT ING	2.90E-05	4.27E-04	9.23E-05	9.23E-05	7.64E-05	0.00E+00
TEENAGE	MILK ING	2.70E-05	3.96E-04	8.57E-05	8.57E-05	7.09E-05	0.00E+00
TEENAGE	TOTALS	8.86E-01	2.42E-02	1.99E-02	2.07E-02	2.02E-02	1.45E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.66E-01	8.28E-04	1.17E-05	6.21E-04	2.98E-04	1.44E+01
ADULT	GROUND	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03	1.48E-03
ADULT	CLOUD	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02	1.77E-02
ADULT	VEG. ING	1.15E-04	1.33E-03	3.95E-04	3.95E-04	3.21E-04	0.00E+00
ADULT	MEAT ING	2.22E-05	2.57E-04	7.64E-05	7.64E-05	6.22E-05	0.00E+00
ADULT	MILK ING	6.24E-06	7.21E-05	2.14E-05	2.14E-05	1.75E-05	0.00E+00
ADULT	TOTALS	8.86E-01	2.16E-02	1.97E-02	2.03E-02	1.98E-02	1.45E+01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 18 NAME=NEAREST RES & DWND X= 13.3KM, Y= 12.7KM, Z=-115.8M, DIST= 18.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 18 NAME=NEAREST RES & DWND X= 13.3KM, Y= 12.7KM, Z=-115.8M, DIST= 18.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.28E-02	9.35E-04	8.92E-05	4.86E-03	1.89E-03	1.38E+00
INFANT	GROUND	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04
INFANT	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.95E-04	3.85E-04	7.15E-04	7.15E-04	6.30E-04	0.00E+00
INFANT	TOTALS	8.87E-02	7.01E-03	6.49E-03	1.13E-02	8.21E-03	1.38E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.27E-02	7.09E-04	4.16E-05	2.16E-03	8.88E-04	1.38E+00
CHILD	GROUND	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04
CHILD	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
CHILD	VEG. ING	1.58E-04	7.14E-04	8.41E-04	8.41E-04	6.18E-04	0.00E+00
CHILD	MEAT ING	2.46E-05	1.11E-04	1.31E-04	1.31E-04	9.64E-05	0.00E+00
CHILD	MILK ING	3.13E-05	1.42E-04	1.67E-04	1.67E-04	1.23E-04	0.00E+00
CHILD	TOTALS	8.86E-02	7.37E-03	6.87E-03	8.99E-03	7.42E-03	1.38E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.27E-02	1.75E-03	1.78E-05	9.25E-04	4.44E-04	1.38E+00
TEENAGE	GROUND	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04
TEENAGE	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
TEENAGE	VEG. ING	2.36E-04	3.47E-03	7.50E-04	7.50E-04	6.20E-04	0.00E+00
TEENAGE	MEAT ING	3.60E-05	5.30E-04	1.15E-04	1.15E-04	9.48E-05	0.00E+00
TEENAGE	MILK ING	3.35E-05	4.92E-04	1.06E-04	1.06E-04	8.80E-05	0.00E+00
TEENAGE	TOTALS	8.87E-02	1.19E-02	6.68E-03	7.59E-03	6.94E-03	1.38E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.26E-02	1.03E-03	1.49E-05	7.71E-04	3.70E-04	1.38E+00
ADULT	GROUND	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04	1.56E-04
ADULT	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
ADULT	VEG. ING	1.43E-04	1.65E-03	4.90E-04	4.90E-04	3.99E-04	0.00E+00
ADULT	MEAT ING	2.76E-05	3.19E-04	9.48E-05	9.48E-05	7.72E-05	0.00E+00
ADULT	MILK ING	7.74E-06	8.95E-05	2.66E-05	2.66E-05	2.17E-05	0.00E+00
ADULT	TOTALS	8.85E-02	8.77E-03	6.32E-03	7.07E-03	6.56E-03	1.38E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.62E-02	4.30E-04	4.16E-05	2.23E-03	8.67E-04	2.68E-01
INFANT	GROUND	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05
INFANT	CLOUD	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.94E-05	1.77E-04	3.28E-04	3.28E-04	2.90E-04	0.00E+00
INFANT	TOTALS	1.81E-02	2.39E-03	2.15E-03	4.34E-03	2.94E-03	2.70E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.62E-02	3.26E-04	1.94E-05	9.91E-04	4.08E-04	2.68E-01
CHILD	GROUND	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05
CHILD	CLOUD	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03
CHILD	VEG. ING	7.24E-05	3.28E-04	3.87E-04	3.87E-04	2.84E-04	0.00E+00
CHILD	MEAT ING	1.13E-05	5.11E-05	6.03E-05	6.03E-05	4.43E-05	0.00E+00
CHILD	MILK ING	1.44E-05	6.51E-05	7.68E-05	7.68E-05	5.64E-05	0.00E+00
CHILD	TOTALS	1.81E-02	2.55E-03	2.32E-03	3.29E-03	2.57E-03	2.70E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.62E-02	8.03E-04	8.31E-06	4.25E-04	2.04E-04	2.68E-01
TEENAGE	GROUND	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05
TEENAGE	CLOUD	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03
TEENAGE	VEG. ING	1.08E-04	1.59E-03	3.44E-04	3.44E-04	2.85E-04	0.00E+00
TEENAGE	MEAT ING	1.66E-05	2.44E-04	5.27E-05	5.27E-05	4.36E-05	0.00E+00
TEENAGE	MILK ING	1.54E-05	2.26E-04	4.89E-05	4.89E-05	4.04E-05	0.00E+00
TEENAGE	TOTALS	1.81E-02	4.64E-03	2.23E-03	2.65E-03	2.35E-03	2.70E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.62E-02	4.72E-04	6.92E-06	3.54E-04	1.70E-04	2.68E-01
ADULT	GROUND	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05	3.07E-05
ADULT	CLOUD	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03	1.75E-03
ADULT	VEG. ING	6.55E-05	7.57E-04	2.25E-04	2.25E-04	1.83E-04	0.00E+00
ADULT	MEAT ING	1.27E-05	1.47E-04	4.35E-05	4.35E-05	3.55E-05	0.00E+00
ADULT	MILK ING	3.56E-06	4.11E-05	1.22E-05	1.22E-05	9.95E-06	0.00E+00
ADULT	TOTALS	1.80E-02	3.20E-03	2.07E-03	2.41E-03	2.18E-03	2.70E-01

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 20 NAME=JEFFERY CITY X= -24.8KM, Y= -32.5KM, Z=-131.0M, DIST= 40.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 1, After 2.00 Years DURATION IN YRS IS... 2.0

NUMBER 20 NAME=JEFFERY CITY X= -24.8KM, Y= -32.5KM, Z=-131.0M, DIST= 40.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.91E-02	1.89E-03	1.88E-04	9.79E-03	3.81E-03	3.09E-01
INFANT	GROUND	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05
INFANT	CLOUD	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.92E-04	7.77E-04	1.44E-03	1.44E-03	1.27E-03	0.00E+00
INFANT	TOTALS	2.21E-02	5.19E-03	4.16E-03	1.38E-02	7.61E-03	3.11E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.88E-02	1.43E-03	8.76E-05	4.35E-03	1.79E-03	3.09E-01
CHILD	GROUND	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05
CHILD	CLOUD	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03
CHILD	VEG. ING	3.18E-04	1.44E-03	1.70E-03	1.70E-03	1.25E-03	0.00E+00
CHILD	MEAT ING	4.95E-05	2.24E-04	2.64E-04	2.64E-04	1.94E-04	0.00E+00
CHILD	MILK ING	6.31E-05	2.86E-04	3.37E-04	3.37E-04	2.47E-04	0.00E+00
CHILD	TOTALS	2.18E-02	5.91E-03	4.91E-03	9.18E-03	6.01E-03	3.11E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.88E-02	3.52E-03	3.75E-05	1.86E-03	8.96E-04	3.09E-01
TEENAGE	GROUND	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05
TEENAGE	CLOUD	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03
TEENAGE	VEG. ING	4.75E-04	6.99E-03	1.51E-03	1.51E-03	1.25E-03	0.00E+00
TEENAGE	MEAT ING	7.27E-05	1.07E-03	2.31E-04	2.31E-04	1.91E-04	0.00E+00
TEENAGE	MILK ING	6.74E-05	9.92E-04	2.14E-04	2.14E-04	1.77E-04	0.00E+00
TEENAGE	TOTALS	2.20E-02	1.51E-02	4.52E-03	6.35E-03	5.04E-03	3.11E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.88E-02	2.07E-03	3.13E-05	1.55E-03	7.47E-04	3.09E-01
ADULT	GROUND	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05	3.62E-05
ADULT	CLOUD	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03	2.49E-03
ADULT	VEG. ING	2.88E-04	3.32E-03	9.87E-04	9.87E-04	8.04E-04	0.00E+00
ADULT	MEAT ING	5.56E-05	6.43E-04	1.91E-04	1.91E-04	1.56E-04	0.00E+00
ADULT	MILK ING	1.56E-05	1.80E-04	5.36E-05	5.36E-05	4.37E-05	0.00E+00
ADULT	TOTALS	2.17E-02	8.75E-03	3.79E-03	5.32E-03	4.28E-03	3.11E-01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.622E+01	2.271E+01	6.249E+00	2.228E+00	2.266E-06	6.339E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.418E+01	1.315E+01	4.695E+00	2.150E+00	3.455E-06	4.537E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.530E+00	9.120E+00	3.830E+00	1.982E+00	4.415E-06	3.620E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.223E+00	7.021E+00	3.296E+00	1.832E+00	5.218E-06	3.077E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.631E+00	3.602E+00	2.137E+00	1.359E+00	6.087E-06	1.961E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.349E+00	1.349E+00	1.061E+00	8.217E-01	6.547E-06	9.832E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.173E-01	6.177E-01	5.599E-01	4.945E-01	6.404E-06	5.319E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.648E-01	3.650E-01	3.497E-01	3.281E-01	6.112E-06	3.373E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.464E-01	2.465E-01	2.421E-01	2.342E-01	5.835E-06	2.355E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.803E-01	1.804E-01	1.793E-01	1.764E-01	5.582E-06	1.753E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.391E-01	1.391E-01	1.391E-01	1.381E-01	5.354E-06	1.363E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.113E-01	1.114E-01	1.116E-01	1.114E-01	5.150E-06	1.096E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.799E+01	1.799E+01	1.799E+01	7.783E-01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+01	1.042E+01	1.042E+01	1.159E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.223E+00	7.223E+00	7.223E+00	1.470E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.561E+00	5.561E+00	5.561E+00	1.736E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.853E+00	2.853E+00	2.853E+00	1.971E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.068E+00	1.068E+00	1.068E+00	2.073E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.892E-01	4.892E-01	4.892E-01	2.000E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.891E-01	2.891E-01	2.891E-01	1.894E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-01	1.953E-01	1.953E-01	1.798E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.429E-01	1.429E-01	1.429E-01	1.713E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.102E-01	1.102E-01	1.102E-01	1.638E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.821E-02	8.821E-02	8.821E-02	1.571E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.799E-09
2.5	0.000E+00	0.000E+00	0.000E+00	1.037E-08
3.5	0.000E+00	0.000E+00	0.000E+00	1.324E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.565E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.826E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.964E-08
25.0	0.000E+00	0.000E+00	0.000E+00	1.921E-08
35.0	0.000E+00	0.000E+00	0.000E+00	1.834E-08
45.0	0.000E+00	0.000E+00	0.000E+00	1.750E-08
55.0	0.000E+00	0.000E+00	0.000E+00	1.675E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.606E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.545E-08

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL	
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.026E+02	1.694E+02	4.381E+01	1.496E+01	1.180E-05	4.524E-04	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.319E+01	8.641E+01	3.134E+01	1.444E+01	2.011E-05	3.017E-04	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.735E+01	5.528E+01	2.458E+01	1.308E+01	2.641E-05	2.303E-04	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.022E+01	3.947E+01	2.026E+01	1.176E+01	3.116E-05	1.873E-04	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.051E+01	2.045E+01	1.348E+01	9.023E+00	3.976E-05	1.231E-04	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.501E+00	8.505E+00	7.206E+00	5.855E+00	4.711E-05	6.713E-05	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.458E+00	4.460E+00	4.199E+00	3.830E+00	4.945E-05	4.017E-05	
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.905E+00	2.907E+00	2.838E+00	2.716E+00	4.945E-05	2.752E-05	
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.106E+00	2.107E+00	2.088E+00	2.044E+00	4.868E-05	2.038E-05	
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.626E+00	1.627E+00	1.624E+00	1.607E+00	4.766E-05	1.590E-05	
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.310E+00	1.310E+00	1.312E+00	1.306E+00	4.656E-05	1.287E-05	
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.086E+00	1.087E+00	1.090E+00	1.089E+00	4.546E-05	1.071E-05	

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.342E+02	1.342E+02	1.342E+02	3.677E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.844E+01	6.844E+01	6.844E+01	6.233E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.379E+01	4.379E+01	4.379E+01	8.137E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.126E+01	3.126E+01	3.126E+01	9.573E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.620E+01	1.620E+01	1.620E+01	1.218E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.736E+00	6.736E+00	6.736E+00	1.439E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.533E+00	3.533E+00	3.533E+00	1.506E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.303E+00	2.303E+00	2.303E+00	1.503E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.669E+00	1.669E+00	1.669E+00	1.476E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.289E+00	1.289E+00	1.289E+00	1.443E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.038E+00	1.038E+00	1.038E+00	1.408E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.609E-01	8.609E-01	8.609E-01	1.372E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	3.540E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.034E-08
3.5	0.000E+00	0.000E+00	0.000E+00	7.922E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.347E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.193E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.413E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.483E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.484E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.460E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.430E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.397E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.364E-07

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.972E+01	6.040E+01	1.711E+01	6.099E+00	4.963E-06	1.717E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.478E+01	3.252E+01	1.250E+01	5.906E+00	7.843E-06	1.189E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.154E+01	2.074E+01	9.562E+00	5.195E+00	9.780E-06	8.922E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.473E+01	1.444E+01	7.608E+00	4.508E+00	1.122E-05	7.026E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.071E+00	8.045E+00	5.408E+00	3.695E+00	1.555E-05	4.949E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.243E+00	3.245E+00	2.808E+00	2.333E+00	1.905E-05	2.628E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.597E+00	1.598E+00	1.524E+00	1.415E+00	1.924E-05	1.465E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E+00	1.003E+00	9.866E-01	9.548E-01	1.868E-05	9.597E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.129E-01	7.133E-01	7.096E-01	6.991E-01	1.806E-05	6.940E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.431E-01	5.434E-01	5.434E-01	5.400E-01	1.744E-05	5.329E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.328E-01	4.330E-01	4.341E-01	4.333E-01	1.687E-05	4.263E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.560E-01	3.562E-01	3.576E-01	3.578E-01	1.633E-05	3.514E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.784E+01	4.784E+01	4.784E+01	1.616E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.576E+01	2.576E+01	2.576E+01	2.482E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.643E+01	1.643E+01	1.643E+01	3.011E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.144E+01	1.144E+01	1.144E+01	3.388E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.372E+00	6.372E+00	6.372E+00	4.787E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.570E+00	2.570E+00	2.570E+00	5.909E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.265E+00	5.920E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.946E-01	7.946E-01	7.946E-01	5.715E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.650E-01	5.650E-01	5.650E-01	5.501E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.304E-01	4.304E-01	4.304E-01	5.296E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.430E-01	3.430E-01	3.430E-01	5.108E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.822E-01	2.822E-01	2.822E-01	4.935E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.489E-08
2.5	0.000E+00	0.000E+00	0.000E+00	2.353E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.934E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.367E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.665E-08
15.0	0.000E+00	0.000E+00	0.000E+00	5.716E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.773E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.604E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.417E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.233E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.060E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.900E-08

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.747E+01	7.235E+01	1.831E+01	6.269E+00	4.680E-06	1.907E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.050E+01	3.677E+01	1.267E+01	5.805E+00	7.547E-06	1.238E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.328E+01	2.240E+01	9.733E+00	5.181E+00	9.896E-06	9.174E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.643E+01	1.610E+01	8.046E+00	4.656E+00	1.174E-05	7.474E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.172E+00	8.147E+00	5.211E+00	3.437E+00	1.478E-05	4.763E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.464E+00	3.466E+00	2.881E+00	2.289E+00	1.805E-05	2.672E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.821E+00	1.822E+00	1.703E+00	1.534E+00	1.932E-05	1.623E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.187E+00	1.187E+00	1.157E+00	1.100E+00	1.948E-05	1.119E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.598E-01	8.603E-01	8.522E-01	8.322E-01	1.926E-05	8.311E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.642E-01	6.646E-01	6.633E-01	6.562E-01	1.892E-05	6.495E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.349E-01	5.352E-01	5.360E-01	5.339E-01	1.852E-05	5.260E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.438E-01	4.440E-01	4.455E-01	4.453E-01	1.810E-05	4.377E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.730E+01	5.730E+01	5.730E+01	1.433E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.912E+01	2.912E+01	2.912E+01	2.258E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.774E+01	1.774E+01	1.774E+01	2.945E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.275E+01	1.275E+01	1.275E+01	3.501E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.452E+00	6.452E+00	6.452E+00	4.390E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.745E+00	2.745E+00	2.745E+00	5.427E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.443E+00	1.443E+00	1.443E+00	5.833E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.404E-01	9.404E-01	9.404E-01	5.881E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.814E-01	6.814E-01	6.814E-01	5.809E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.264E-01	5.264E-01	5.264E-01	5.697E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.239E-01	4.239E-01	4.239E-01	5.570E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.517E-01	3.517E-01	3.517E-01	5.439E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.404E-08
2.5	0.000E+00	0.000E+00	0.000E+00	2.264E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.969E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.523E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.434E-08
15.0	0.000E+00	0.000E+00	0.000E+00	5.415E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.796E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.844E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.779E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.675E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.555E-08
75.0	0.000E+00	0.000E+00	0.000E+00	5.431E-08

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

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.	1.364E-02	1.104E-01	1.793E-03	8.281E-02	3.982E-02	5.940E+00
GROUND	7.779E-04	7.779E-04	7.779E-04	7.779E-04	7.779E-04	7.779E-04
CLOUD	5.179E-02	5.179E-02	5.179E-02	5.179E-02	5.179E-02	5.179E-02
VEG. ING	1.121E-01	1.224E+00	1.121E-01	4.268E-01	3.377E-01	1.121E-01
MEAT ING	5.307E-03	6.004E-02	5.307E-03	1.940E-02	1.552E-02	5.307E-03
MILK ING	2.638E-03	2.491E-02	2.638E-03	1.017E-02	8.138E-03	2.638E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.863E-01	1.472E+00	1.744E-01	5.918E-01	4.538E-01	6.112E+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	2.259E+00	2.465E+01	2.259E+00	8.598E+00	6.804E+00	2.259E+00
MEAT ING	2.809E-02	3.178E-01	2.809E-02	1.027E-01	8.213E-02	2.809E-02
MILK ING	5.337E-04	5.040E-03	5.337E-04	2.058E-03	1.647E-03	5.337E-04
RNPLUS50	6.538E+01	8.916E+02	1.486E+01	6.538E+01	6.538E+01	4.161E+02
TOTALS	6.767E+01	9.166E+02	1.715E+01	7.409E+01	7.227E+01	4.184E+02

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.364E-02	1.104E-01	1.793E-03	8.281E-02	3.982E-02	5.940E+00
GROUND	7.779E-04	7.779E-04	7.779E-04	7.779E-04	7.779E-04	7.779E-04
CLOUD	5.179E-02	5.179E-02	5.179E-02	5.179E-02	5.179E-02	5.179E-02
VEG. ING	2.371E+00	2.588E+01	2.371E+00	9.025E+00	7.141E+00	2.371E+00
MEAT ING	3.340E-02	3.779E-01	3.340E-02	1.221E-01	9.765E-02	3.340E-02
MILK ING	3.171E-03	2.995E-02	3.171E-03	1.223E-02	9.784E-03	3.171E-03
RNPLUS50	6.538E+01	8.916E+02	1.486E+01	6.538E+01	6.538E+01	4.161E+02
TOTALS	6.786E+01	9.180E+02	1.732E+01	7.468E+01	7.272E+01	4.245E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	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	CAROL SHOP	2	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	CAROL SHOP	3	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	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	N PERM BNDRY	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	N PERM BNDRY	2	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	N PERM BNDRY	3	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	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NNE PERM BNDRY	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	NNE PERM BNDRY	2	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	NNE PERM BNDRY	3	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	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NE PERM BNDRY	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	NE PERM BNDRY	2	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	NE PERM BNDRY	3	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	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ENE PERM BNDRY	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	ENE PERM BNDRY	2	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	ENE PERM BNDRY	3	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	ENE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	E PERM BNDRY	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	E PERM BNDRY	2	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	E PERM BNDRY	3	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	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ESE PERM BNDRY	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	ESE PERM BNDRY	2	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	ESE PERM BNDRY	3	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	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	SE PERM BNDRY	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	SE PERM BNDRY	2	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	SE PERM BNDRY	3	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	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	SSE PERM BNDRY	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
9	SSE PERM BNDRY	2	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	SSE PERM BNDRY	3	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	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	S PERM BNDRY	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
10	S PERM BNDRY	2	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	S PERM BNDRY	3	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	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	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
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	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
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	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
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	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
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	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
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	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
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	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
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	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
18	NEAREST RES & DWND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	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
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	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
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	5.062E+05	8.176E+03	1.634E+01	5.762E-01	8.356E-07	1.925E-09	1.458E-13	8.506E-03	6.475E+03	6.475E+03	6.475E+03	3.503E-01
2	1.424E+01	1.321E+01	4.706E+00	2.151E+00	3.444E-06	8.386E-09	6.903E-13	4.549E-05	1.046E+01	1.046E+01	1.046E+01	1.155E+00
3	6.651E+01	5.561E+01	1.453E+01	6.179E+00	9.969E-06	2.332E-08	1.815E-12	1.540E-04	4.405E+01	4.405E+01	4.405E+01	3.114E+00
4	5.080E+01	4.645E+01	1.428E+01	6.050E+00	1.241E-05	3.913E-08	3.842E-12	1.428E-04	3.679E+01	3.679E+01	3.679E+01	3.723E+00
5	8.732E+01	8.059E+01	2.649E+01	1.168E+01	1.913E-05	4.528E-08	3.491E-12	2.609E-04	6.383E+01	6.383E+01	6.383E+01	5.707E+00
6	1.212E+02	1.134E+02	4.269E+01	2.024E+01	3.122E-05	6.615E-08	4.545E-12	4.088E-04	8.985E+01	8.985E+01	8.985E+01	9.350E+00
7	6.026E+01	5.797E+01	2.576E+01	1.349E+01	2.398E-05	5.696E-08	4.223E-12	2.406E-04	4.591E+01	4.591E+01	4.591E+01	7.227E+00
8	4.220E+01	4.091E+01	1.859E+01	9.734E+00	1.812E-05	4.560E-08	3.504E-12	1.727E-04	3.240E+01	3.240E+01	3.240E+01	5.815E+00
9	8.386E+01	7.908E+01	3.100E+01	1.445E+01	1.942E-05	3.450E-08	1.860E-12	2.925E-04	6.263E+01	6.263E+01	6.263E+01	6.223E+00
10	8.632E+01	7.788E+01	2.582E+01	1.076E+01	1.200E-05	1.771E-08	7.778E-13	2.513E-04	6.168E+01	6.168E+01	6.168E+01	3.928E+00
11	9.660E+01	8.778E+01	2.959E+01	1.272E+01	1.592E-05	2.664E-08	1.324E-12	2.879E-04	6.952E+01	6.952E+01	6.952E+01	4.793E+00
12	1.246E+01	1.236E+01	7.486E+00	4.716E+00	1.672E-05	8.637E-08	1.299E-11	6.828E-05	9.789E+00	9.789E+00	9.789E+00	4.911E+00
13	2.869E+01	2.423E+01	7.094E+00	2.872E+00	3.233E-06	4.657E-09	1.925E-13	7.164E-05	1.919E+01	1.919E+01	1.919E+01	9.672E-01
14	1.679E+02	1.238E+02	2.420E+01	6.292E+00	3.311E-06	2.727E-09	8.886E-14	2.736E-04	9.804E+01	9.804E+01	9.804E+01	1.064E+00
15	3.243E+01	2.563E+01	5.006E+00	1.345E+00	9.365E-07	1.173E-09	5.576E-14	5.680E-05	2.030E+01	2.030E+01	2.030E+01	3.232E-01
16	2.124E+01	1.840E+01	5.413E+00	1.802E+00	1.269E-06	1.446E-09	6.639E-14	5.311E-05	1.457E+01	1.457E+01	1.457E+01	4.090E-01
17	1.491E+01	1.346E+01	4.539E+00	1.834E+00	1.750E-06	2.415E-09	1.217E-13	4.371E-05	1.066E+01	1.066E+01	1.066E+01	5.483E-01
18	1.534E+00	1.534E+00	1.042E+00	6.429E-01	2.341E-06	2.759E-08	1.207E-11	9.263E-06	1.215E+00	1.215E+00	1.215E+00	7.110E-01
19	2.984E-01	2.985E-01	2.631E-01	2.149E-01	1.104E-06	1.924E-08	1.720E-11	2.443E-06	2.364E-01	2.364E-01	2.364E-01	3.319E-01
20	3.280E-01	3.282E-01	3.183E-01	3.007E-01	4.686E-06	1.388E-07	1.372E-10	3.074E-06	2.599E-01	2.599E-01	2.599E-01	1.427E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.80E+04	4.51E-04	4.20E-05	2.34E-03	9.09E-04	6.33E+05
INFANT	GROUND	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00
INFANT	CLOUD	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	9.74E-05	1.93E-04	3.58E-04	3.58E-04	3.16E-04	0.00E+00
INFANT	TOTALS	3.80E+04	2.37E+00	2.37E+00	2.37E+00	2.37E+00	6.33E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.80E+04	3.42E-04	1.96E-05	1.04E-03	4.28E-04	6.33E+05
CHILD	GROUND	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00
CHILD	CLOUD	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00
CHILD	VEG. ING	7.73E-05	3.50E-04	4.13E-04	4.13E-04	3.03E-04	0.00E+00
CHILD	MEAT ING	1.23E-05	5.57E-05	6.57E-05	6.57E-05	4.83E-05	0.00E+00
CHILD	MILK ING	1.57E-05	7.10E-05	8.37E-05	8.37E-05	6.15E-05	0.00E+00
CHILD	TOTALS	3.80E+04	2.37E+00	2.37E+00	2.37E+00	2.37E+00	6.33E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.80E+04	8.42E-04	8.40E-06	4.46E-04	2.14E-04	6.33E+05
TEENAGE	GROUND	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00
TEENAGE	CLOUD	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00
TEENAGE	VEG. ING	1.16E-04	1.70E-03	3.68E-04	3.68E-04	3.04E-04	0.00E+00
TEENAGE	MEAT ING	1.80E-05	2.65E-04	5.74E-05	5.74E-05	4.75E-05	0.00E+00
TEENAGE	MILK ING	1.67E-05	2.46E-04	5.32E-05	5.32E-05	4.41E-05	0.00E+00
TEENAGE	TOTALS	3.80E+04	2.37E+00	2.37E+00	2.37E+00	2.37E+00	6.33E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.80E+04	4.95E-04	7.00E-06	3.71E-04	1.78E-04	6.33E+05
ADULT	GROUND	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00	1.16E+00
ADULT	CLOUD	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00	1.21E+00
ADULT	VEG. ING	6.99E-05	8.08E-04	2.40E-04	2.40E-04	1.96E-04	0.00E+00
ADULT	MEAT ING	1.38E-05	1.60E-04	4.75E-05	4.75E-05	3.87E-05	0.00E+00
ADULT	MILK ING	3.88E-06	4.48E-05	1.33E-05	1.33E-05	1.08E-05	0.00E+00
ADULT	TOTALS	3.80E+04	2.37E+00	2.37E+00	2.37E+00	2.37E+00	6.33E+05

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.07E+00	1.86E-03	1.73E-04	9.64E-03	3.75E-03	1.78E+01
INFANT	GROUND	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03
INFANT	CLOUD	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.96E-04	7.85E-04	1.46E-03	1.46E-03	1.28E-03	0.00E+00
INFANT	TOTALS	1.10E+00	3.16E-02	3.06E-02	4.01E-02	3.40E-02	1.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.07E+00	1.41E-03	8.08E-05	4.29E-03	1.76E-03	1.78E+01
CHILD	GROUND	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03
CHILD	CLOUD	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02
CHILD	VEG. ING	3.17E-04	1.44E-03	1.69E-03	1.69E-03	1.24E-03	0.00E+00
CHILD	MEAT ING	5.00E-05	2.27E-04	2.67E-04	2.67E-04	1.96E-04	0.00E+00
CHILD	MILK ING	6.37E-05	2.89E-04	3.40E-04	3.40E-04	2.50E-04	0.00E+00
CHILD	TOTALS	1.10E+00	3.23E-02	3.14E-02	3.56E-02	3.24E-02	1.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.07E+00	3.47E-03	3.46E-05	1.84E-03	8.82E-04	1.78E+01
TEENAGE	GROUND	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03
TEENAGE	CLOUD	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02
TEENAGE	VEG. ING	4.74E-04	6.97E-03	1.51E-03	1.51E-03	1.25E-03	0.00E+00
TEENAGE	MEAT ING	7.34E-05	1.08E-03	2.33E-04	2.33E-04	1.93E-04	0.00E+00
TEENAGE	MILK ING	6.81E-05	1.00E-03	2.17E-04	2.17E-04	1.79E-04	0.00E+00
TEENAGE	TOTALS	1.10E+00	4.15E-02	3.10E-02	3.28E-02	3.15E-02	1.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.07E+00	2.04E-03	2.89E-05	1.53E-03	7.35E-04	1.78E+01
ADULT	GROUND	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03	1.87E-03
ADULT	CLOUD	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02	2.71E-02
ADULT	VEG. ING	2.87E-04	3.31E-03	9.84E-04	9.84E-04	8.02E-04	0.00E+00
ADULT	MEAT ING	5.62E-05	6.49E-04	1.93E-04	1.93E-04	1.57E-04	0.00E+00
ADULT	MILK ING	1.58E-05	1.82E-04	5.42E-05	5.42E-05	4.41E-05	0.00E+00
ADULT	TOTALS	1.10E+00	3.52E-02	3.02E-02	3.17E-02	3.07E-02	1.78E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.99E+00	5.38E-03	5.01E-04	2.79E-02	1.08E-02	8.31E+01
INFANT	GROUND	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03
INFANT	CLOUD	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.14E-03	2.26E-03	4.20E-03	4.20E-03	3.70E-03	0.00E+00
INFANT	TOTALS	5.08E+00	9.48E-02	9.19E-02	1.19E-01	1.02E-01	8.32E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.99E+00	4.08E-03	2.34E-04	1.24E-02	5.11E-03	8.31E+01
CHILD	GROUND	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03
CHILD	CLOUD	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02
CHILD	VEG. ING	9.15E-04	4.15E-03	4.89E-03	4.89E-03	3.59E-03	0.00E+00
CHILD	MEAT ING	1.44E-04	6.54E-04	7.70E-04	7.70E-04	5.66E-04	0.00E+00
CHILD	MILK ING	1.84E-04	8.33E-04	9.81E-04	9.81E-04	7.21E-04	0.00E+00
CHILD	TOTALS	5.08E+00	9.69E-02	9.41E-02	1.06E-01	9.72E-02	8.32E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.99E+00	1.00E-02	1.00E-04	5.32E-03	2.55E-03	8.31E+01
TEENAGE	GROUND	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03
TEENAGE	CLOUD	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02
TEENAGE	VEG. ING	1.37E-03	2.01E-02	4.35E-03	4.35E-03	3.60E-03	0.00E+00
TEENAGE	MEAT ING	2.12E-04	3.11E-03	6.73E-04	6.73E-04	5.57E-04	0.00E+00
TEENAGE	MILK ING	1.96E-04	2.89E-03	6.25E-04	6.25E-04	5.17E-04	0.00E+00
TEENAGE	TOTALS	5.08E+00	1.23E-01	9.30E-02	9.82E-02	9.44E-02	8.32E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.99E+00	5.91E-03	8.35E-05	4.43E-03	2.13E-03	8.31E+01
ADULT	GROUND	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03	7.88E-03
ADULT	CLOUD	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02	7.93E-02
ADULT	VEG. ING	8.28E-04	9.57E-03	2.84E-03	2.84E-03	2.32E-03	0.00E+00
ADULT	MEAT ING	1.62E-04	1.87E-03	5.57E-04	5.57E-04	4.53E-04	0.00E+00
ADULT	MILK ING	4.55E-05	5.25E-04	1.56E-04	1.56E-04	1.27E-04	0.00E+00
ADULT	TOTALS	5.08E+00	1.05E-01	9.08E-02	9.52E-02	9.22E-02	8.32E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.81E+00	6.69E-03	6.25E-04	3.47E-02	1.35E-02	6.35E+01
INFANT	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
INFANT	CLOUD	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.42E-03	2.81E-03	5.21E-03	5.21E-03	4.60E-03	0.00E+00
INFANT	TOTALS	3.90E+00	9.38E-02	9.01E-02	1.24E-01	1.02E-01	6.36E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.81E+00	5.07E-03	2.92E-04	1.54E-02	6.35E-03	6.35E+01
CHILD	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
CHILD	CLOUD	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02
CHILD	VEG. ING	1.14E-03	5.16E-03	6.08E-03	6.08E-03	4.46E-03	0.00E+00
CHILD	MEAT ING	1.79E-04	8.12E-04	9.57E-04	9.57E-04	7.03E-04	0.00E+00
CHILD	MILK ING	2.28E-04	1.03E-03	1.22E-03	1.22E-03	8.95E-04	0.00E+00
CHILD	TOTALS	3.90E+00	9.64E-02	9.28E-02	1.08E-01	9.67E-02	6.36E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.81E+00	1.25E-02	1.25E-04	6.62E-03	3.18E-03	6.35E+01
TEENAGE	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
TEENAGE	CLOUD	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02
TEENAGE	VEG. ING	1.70E-03	2.50E-02	5.41E-03	5.41E-03	4.48E-03	0.00E+00
TEENAGE	MEAT ING	2.63E-04	3.87E-03	8.36E-04	8.36E-04	6.92E-04	0.00E+00
TEENAGE	MILK ING	2.44E-04	3.59E-03	7.76E-04	7.76E-04	6.42E-04	0.00E+00
TEENAGE	TOTALS	3.90E+00	1.29E-01	9.14E-02	9.79E-02	9.33E-02	6.36E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.81E+00	7.35E-03	1.04E-04	5.51E-03	2.65E-03	6.35E+01
ADULT	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
ADULT	CLOUD	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02	7.77E-02
ADULT	VEG. ING	1.03E-03	1.19E-02	3.54E-03	3.54E-03	2.88E-03	0.00E+00
ADULT	MEAT ING	2.01E-04	2.33E-03	6.91E-04	6.91E-04	5.63E-04	0.00E+00
ADULT	MILK ING	5.65E-05	6.53E-04	1.94E-04	1.94E-04	1.58E-04	0.00E+00
ADULT	TOTALS	3.90E+00	1.07E-01	8.88E-02	9.42E-02	9.05E-02	6.36E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.55E+00	1.03E-02	9.61E-04	5.36E-02	2.08E-02	1.09E+02
INFANT	GROUND	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02
INFANT	CLOUD	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.19E-03	4.33E-03	8.04E-03	8.04E-03	7.09E-03	0.00E+00
INFANT	TOTALS	6.71E+00	1.75E-01	1.69E-01	2.22E-01	1.88E-01	1.09E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.55E+00	7.82E-03	4.49E-04	2.38E-02	9.80E-03	1.09E+02
CHILD	GROUND	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02
CHILD	CLOUD	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
CHILD	VEG. ING	1.75E-03	7.95E-03	9.37E-03	9.37E-03	6.88E-03	0.00E+00
CHILD	MEAT ING	2.76E-04	1.25E-03	1.48E-03	1.48E-03	1.08E-03	0.00E+00
CHILD	MILK ING	3.52E-04	1.59E-03	1.88E-03	1.88E-03	1.38E-03	0.00E+00
CHILD	TOTALS	6.71E+00	1.79E-01	1.73E-01	1.96E-01	1.79E-01	1.09E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.55E+00	1.93E-02	1.92E-04	1.02E-02	4.90E-03	1.09E+02
TEENAGE	GROUND	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02
TEENAGE	CLOUD	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
TEENAGE	VEG. ING	2.62E-03	3.86E-02	8.34E-03	8.34E-03	6.90E-03	0.00E+00
TEENAGE	MEAT ING	4.05E-04	5.96E-03	1.29E-03	1.29E-03	1.07E-03	0.00E+00
TEENAGE	MILK ING	3.76E-04	5.53E-03	1.20E-03	1.20E-03	9.90E-04	0.00E+00
TEENAGE	TOTALS	6.71E+00	2.29E-01	1.71E-01	1.81E-01	1.74E-01	1.09E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.55E+00	1.13E-02	1.60E-04	8.50E-03	4.08E-03	1.09E+02
ADULT	GROUND	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02	1.14E-02
ADULT	CLOUD	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
ADULT	VEG. ING	1.59E-03	1.83E-02	5.45E-03	5.45E-03	4.44E-03	0.00E+00
ADULT	MEAT ING	3.10E-04	3.59E-03	1.07E-03	1.07E-03	8.68E-04	0.00E+00
ADULT	MILK ING	8.71E-05	1.01E-03	2.99E-04	2.99E-04	2.44E-04	0.00E+00
ADULT	TOTALS	6.71E+00	1.94E-01	1.67E-01	1.75E-01	1.70E-01	1.09E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.09E+00	1.68E-02	1.57E-03	8.74E-02	3.40E-02	1.51E+02
INFANT	GROUND	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
INFANT	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.57E-03	7.07E-03	1.31E-02	1.31E-02	1.16E-02	0.00E+00
INFANT	TOTALS	9.36E+00	2.93E-01	2.84E-01	3.69E-01	3.14E-01	1.52E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.09E+00	1.28E-02	7.32E-04	3.88E-02	1.60E-02	1.51E+02
CHILD	GROUND	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
CHILD	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
CHILD	VEG. ING	2.86E-03	1.30E-02	1.53E-02	1.53E-02	1.12E-02	0.00E+00
CHILD	MEAT ING	4.51E-04	2.04E-03	2.41E-03	2.41E-03	1.77E-03	0.00E+00
CHILD	MILK ING	5.74E-04	2.60E-03	3.07E-03	3.07E-03	2.25E-03	0.00E+00
CHILD	TOTALS	9.36E+00	2.99E-01	2.90E-01	3.29E-01	3.00E-01	1.52E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.09E+00	3.14E-02	3.14E-04	1.66E-02	7.99E-03	1.51E+02
TEENAGE	GROUND	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
TEENAGE	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
TEENAGE	VEG. ING	4.28E-03	6.30E-02	1.36E-02	1.36E-02	1.13E-02	0.00E+00
TEENAGE	MEAT ING	6.61E-04	9.73E-03	2.10E-03	2.10E-03	1.74E-03	0.00E+00
TEENAGE	MILK ING	6.14E-04	9.03E-03	1.95E-03	1.95E-03	1.62E-03	0.00E+00
TEENAGE	TOTALS	9.36E+00	3.82E-01	2.87E-01	3.03E-01	2.92E-01	1.52E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.09E+00	1.85E-02	2.61E-04	1.39E-02	6.66E-03	1.51E+02
ADULT	GROUND	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
ADULT	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
ADULT	VEG. ING	2.59E-03	2.99E-02	8.89E-03	8.89E-03	7.24E-03	0.00E+00
ADULT	MEAT ING	5.06E-04	5.85E-03	1.74E-03	1.74E-03	1.42E-03	0.00E+00
ADULT	MILK ING	1.42E-04	1.64E-03	4.88E-04	4.88E-04	3.98E-04	0.00E+00
ADULT	TOTALS	9.36E+00	3.25E-01	2.80E-01	2.94E-01	2.85E-01	1.52E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 7 NAME=ESE PERM BNDRY X= 2.6KM, Y= -1.1KM, Z= 173.7M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 7 NAME=ESE PERM BNDRY X= 2.6KM, Y= -1.1KM, Z= 173.7M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.52E+00	1.29E-02	1.20E-03	6.71E-02	2.61E-02	7.53E+01
INFANT	GROUND	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03
INFANT	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.74E-03	5.44E-03	1.01E-02	1.01E-02	8.89E-03	0.00E+00
INFANT	TOTALS	4.70E+00	1.91E-01	1.84E-01	2.50E-01	2.08E-01	7.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.52E+00	9.80E-03	5.62E-04	2.98E-02	1.23E-02	7.53E+01
CHILD	GROUND	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03
CHILD	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
CHILD	VEG. ING	2.20E-03	9.96E-03	1.17E-02	1.17E-02	8.63E-03	0.00E+00
CHILD	MEAT ING	3.46E-04	1.57E-03	1.85E-03	1.85E-03	1.36E-03	0.00E+00
CHILD	MILK ING	4.41E-04	2.00E-03	2.36E-03	2.36E-03	1.73E-03	0.00E+00
CHILD	TOTALS	4.70E+00	1.96E-01	1.89E-01	2.19E-01	1.97E-01	7.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.52E+00	2.42E-02	2.41E-04	1.28E-02	6.14E-03	7.53E+01
TEENAGE	GROUND	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03
TEENAGE	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
TEENAGE	VEG. ING	3.29E-03	4.84E-02	1.05E-02	1.05E-02	8.65E-03	0.00E+00
TEENAGE	MEAT ING	5.08E-04	7.47E-03	1.62E-03	1.62E-03	1.34E-03	0.00E+00
TEENAGE	MILK ING	4.72E-04	6.94E-03	1.50E-03	1.50E-03	1.24E-03	0.00E+00
TEENAGE	TOTALS	4.70E+00	2.60E-01	1.87E-01	1.99E-01	1.90E-01	7.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.52E+00	1.42E-02	2.01E-04	1.07E-02	5.12E-03	7.53E+01
ADULT	GROUND	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03	8.22E-03
ADULT	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
ADULT	VEG. ING	1.99E-03	2.30E-02	6.83E-03	6.83E-03	5.57E-03	0.00E+00
ADULT	MEAT ING	3.89E-04	4.50E-03	1.34E-03	1.34E-03	1.09E-03	0.00E+00
ADULT	MILK ING	1.09E-04	1.26E-03	3.75E-04	3.75E-04	3.05E-04	0.00E+00
ADULT	TOTALS	4.70E+00	2.16E-01	1.82E-01	1.92E-01	1.85E-01	7.55E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME=SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME=SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.17E+00	9.77E-03	9.11E-04	5.07E-02	1.97E-02	5.27E+01
INFANT	GROUND	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03
INFANT	CLOUD	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.08E-03	4.12E-03	7.64E-03	7.64E-03	6.74E-03	0.00E+00
INFANT	TOTALS	3.29E+00	1.39E-01	1.33E-01	1.83E-01	1.51E-01	5.29E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.17E+00	7.41E-03	4.25E-04	2.26E-02	9.28E-03	5.27E+01
CHILD	GROUND	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03
CHILD	CLOUD	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
CHILD	VEG. ING	1.66E-03	7.54E-03	8.89E-03	8.89E-03	6.53E-03	0.00E+00
CHILD	MEAT ING	2.63E-04	1.19E-03	1.40E-03	1.40E-03	1.03E-03	0.00E+00
CHILD	MILK ING	3.35E-04	1.52E-03	1.79E-03	1.79E-03	1.31E-03	0.00E+00
CHILD	TOTALS	3.29E+00	1.42E-01	1.37E-01	1.59E-01	1.43E-01	5.29E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.17E+00	1.83E-02	1.82E-04	9.66E-03	4.64E-03	5.27E+01
TEENAGE	GROUND	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03
TEENAGE	CLOUD	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
TEENAGE	VEG. ING	2.49E-03	3.66E-02	7.92E-03	7.92E-03	6.55E-03	0.00E+00
TEENAGE	MEAT ING	3.85E-04	5.67E-03	1.23E-03	1.23E-03	1.01E-03	0.00E+00
TEENAGE	MILK ING	3.58E-04	5.26E-03	1.14E-03	1.14E-03	9.41E-04	0.00E+00
TEENAGE	TOTALS	3.29E+00	1.90E-01	1.35E-01	1.45E-01	1.38E-01	5.29E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.17E+00	1.07E-02	1.52E-04	8.05E-03	3.87E-03	5.27E+01
ADULT	GROUND	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03	5.80E-03
ADULT	CLOUD	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
ADULT	VEG. ING	1.51E-03	1.74E-02	5.17E-03	5.17E-03	4.21E-03	0.00E+00
ADULT	MEAT ING	2.95E-04	3.41E-03	1.01E-03	1.01E-03	8.25E-04	0.00E+00
ADULT	MILK ING	8.28E-05	9.57E-04	2.84E-04	2.84E-04	2.32E-04	0.00E+00
ADULT	TOTALS	3.29E+00	1.57E-01	1.31E-01	1.39E-01	1.34E-01	5.29E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 9 NAME=SSE PERM BNDRY X= 1.0KM, Y= -2.3KM, Z= 155.4M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 9 NAME=SSE PERM BNDRY X= 1.0KM, Y= -2.3KM, Z= 155.4M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.29E+00	1.05E-02	9.74E-04	5.44E-02	2.11E-02	1.05E+02
INFANT	GROUND	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02
INFANT	CLOUD	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.23E-03	4.42E-03	8.19E-03	8.19E-03	7.22E-03	0.00E+00
INFANT	TOTALS	6.49E+00	2.07E-01	2.02E-01	2.55E-01	2.21E-01	1.05E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.29E+00	7.94E-03	4.55E-04	2.42E-02	9.95E-03	1.05E+02
CHILD	GROUND	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02
CHILD	CLOUD	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
CHILD	VEG. ING	1.78E-03	8.08E-03	9.52E-03	9.52E-03	7.00E-03	0.00E+00
CHILD	MEAT ING	2.81E-04	1.28E-03	1.50E-03	1.50E-03	1.10E-03	0.00E+00
CHILD	MILK ING	3.59E-04	1.62E-03	1.91E-03	1.91E-03	1.41E-03	0.00E+00
CHILD	TOTALS	6.49E+00	2.11E-01	2.06E-01	2.30E-01	2.12E-01	1.05E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.29E+00	1.96E-02	1.95E-04	1.04E-02	4.97E-03	1.05E+02
TEENAGE	GROUND	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02
TEENAGE	CLOUD	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
TEENAGE	VEG. ING	2.67E-03	3.92E-02	8.48E-03	8.48E-03	7.02E-03	0.00E+00
TEENAGE	MEAT ING	4.13E-04	6.07E-03	1.31E-03	1.31E-03	1.09E-03	0.00E+00
TEENAGE	MILK ING	3.83E-04	5.64E-03	1.22E-03	1.22E-03	1.01E-03	0.00E+00
TEENAGE	TOTALS	6.49E+00	2.63E-01	2.04E-01	2.14E-01	2.07E-01	1.05E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.29E+00	1.15E-02	1.62E-04	8.63E-03	4.14E-03	1.05E+02
ADULT	GROUND	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02	1.12E-02
ADULT	CLOUD	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
ADULT	VEG. ING	1.61E-03	1.86E-02	5.54E-03	5.54E-03	4.51E-03	0.00E+00
ADULT	MEAT ING	3.16E-04	3.65E-03	1.09E-03	1.09E-03	8.84E-04	0.00E+00
ADULT	MILK ING	8.87E-05	1.03E-03	3.05E-04	3.05E-04	2.48E-04	0.00E+00
ADULT	TOTALS	6.49E+00	2.27E-01	2.00E-01	2.08E-01	2.02E-01	1.05E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 10 NAME=S PERM BNDRY X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 10 NAME=S PERM BNDRY X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.48E+00	6.47E-03	6.02E-04	3.36E-02	1.31E-02	1.08E+02
INFANT	GROUND	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02
INFANT	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.38E-03	2.73E-03	5.07E-03	5.07E-03	4.47E-03	0.00E+00
INFANT	TOTALS	6.63E+00	1.59E-01	1.55E-01	1.88E-01	1.67E-01	1.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.47E+00	4.91E-03	2.81E-04	1.49E-02	6.15E-03	1.08E+02
CHILD	GROUND	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02
CHILD	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	VEG. ING	1.10E-03	5.00E-03	5.89E-03	5.89E-03	4.33E-03	0.00E+00
CHILD	MEAT ING	1.74E-04	7.89E-04	9.30E-04	9.30E-04	6.83E-04	0.00E+00
CHILD	MILK ING	2.22E-04	1.01E-03	1.18E-03	1.18E-03	8.70E-04	0.00E+00
CHILD	TOTALS	6.63E+00	1.61E-01	1.58E-01	1.73E-01	1.62E-01	1.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.47E+00	1.21E-02	1.20E-04	6.40E-03	3.07E-03	1.08E+02
TEENAGE	GROUND	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02
TEENAGE	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	VEG. ING	1.65E-03	2.43E-02	5.25E-03	5.25E-03	4.34E-03	0.00E+00
TEENAGE	MEAT ING	2.55E-04	3.76E-03	8.12E-04	8.12E-04	6.72E-04	0.00E+00
TEENAGE	MILK ING	2.37E-04	3.49E-03	7.54E-04	7.54E-04	6.24E-04	0.00E+00
TEENAGE	TOTALS	6.63E+00	1.93E-01	1.57E-01	1.63E-01	1.59E-01	1.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.47E+00	7.11E-03	1.00E-04	5.33E-03	2.56E-03	1.08E+02
ADULT	GROUND	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02	1.10E-02
ADULT	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	VEG. ING	9.98E-04	1.15E-02	3.43E-03	3.43E-03	2.79E-03	0.00E+00
ADULT	MEAT ING	1.96E-04	2.26E-03	6.72E-04	6.72E-04	5.47E-04	0.00E+00
ADULT	MILK ING	5.49E-05	6.34E-04	1.89E-04	1.89E-04	1.54E-04	0.00E+00
ADULT	TOTALS	6.63E+00	1.71E-01	1.54E-01	1.59E-01	1.56E-01	1.08E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 11 NAME=SSW PERM BNDRY X= -1.1KM, Y= -2.7KM, Z= 173.7M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 11 NAME=SSW PERM BNDRY X= -1.1KM, Y= -2.7KM, Z= 173.7M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.25E+00	8.58E-03	7.99E-04	4.46E-02	1.73E-02	1.21E+02
INFANT	GROUND	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02
INFANT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.82E-03	3.61E-03	6.69E-03	6.69E-03	5.90E-03	0.00E+00
INFANT	TOTALS	7.42E+00	1.87E-01	1.83E-01	2.26E-01	1.98E-01	1.21E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.25E+00	6.51E-03	3.73E-04	1.98E-02	8.15E-03	1.21E+02
CHILD	GROUND	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02
CHILD	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
CHILD	VEG. ING	1.46E-03	6.61E-03	7.79E-03	7.79E-03	5.73E-03	0.00E+00
CHILD	MEAT ING	2.30E-04	1.04E-03	1.23E-03	1.23E-03	9.02E-04	0.00E+00
CHILD	MILK ING	2.93E-04	1.33E-03	1.56E-03	1.56E-03	1.15E-03	0.00E+00
CHILD	TOTALS	7.42E+00	1.91E-01	1.86E-01	2.06E-01	1.91E-01	1.21E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.25E+00	1.60E-02	1.60E-04	8.49E-03	4.08E-03	1.21E+02
TEENAGE	GROUND	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02
TEENAGE	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
TEENAGE	VEG. ING	2.18E-03	3.21E-02	6.94E-03	6.94E-03	5.74E-03	0.00E+00
TEENAGE	MEAT ING	3.37E-04	4.96E-03	1.07E-03	1.07E-03	8.88E-04	0.00E+00
TEENAGE	MILK ING	3.13E-04	4.60E-03	9.95E-04	9.95E-04	8.24E-04	0.00E+00
TEENAGE	TOTALS	7.42E+00	2.33E-01	1.84E-01	1.93E-01	1.87E-01	1.21E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.25E+00	9.43E-03	1.33E-04	7.07E-03	3.40E-03	1.21E+02
ADULT	GROUND	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02	1.24E-02
ADULT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
ADULT	VEG. ING	1.32E-03	1.53E-02	4.54E-03	4.54E-03	3.69E-03	0.00E+00
ADULT	MEAT ING	2.58E-04	2.98E-03	8.87E-04	8.87E-04	7.23E-04	0.00E+00
ADULT	MILK ING	7.25E-05	8.38E-04	2.49E-04	2.49E-04	2.03E-04	0.00E+00
ADULT	TOTALS	7.42E+00	2.04E-01	1.81E-01	1.88E-01	1.83E-01	1.21E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 12 NAME=SW PERM BNDRY X= -5.6KM, Y= -5.6KM, Z= 182.9M, DIST= 7.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 12 NAME=SW PERM BNDRY X= -5.6KM, Y= -5.6KM, Z= 182.9M, DIST= 7.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.38E-01	9.01E-03	8.46E-04	4.68E-02	1.82E-02	1.56E+01
INFANT	GROUND	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03
INFANT	CLOUD	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.91E-03	3.78E-03	7.02E-03	7.02E-03	6.19E-03	0.00E+00
INFANT	TOTALS	9.97E-01	7.00E-02	6.51E-02	1.11E-01	8.16E-02	1.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.36E-01	6.83E-03	3.95E-04	2.08E-02	8.56E-03	1.56E+01
CHILD	GROUND	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03
CHILD	CLOUD	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02
CHILD	VEG. ING	1.53E-03	6.94E-03	8.18E-03	8.18E-03	6.01E-03	0.00E+00
CHILD	MEAT ING	2.41E-04	1.09E-03	1.29E-03	1.29E-03	9.46E-04	0.00E+00
CHILD	MILK ING	3.07E-04	1.39E-03	1.64E-03	1.64E-03	1.21E-03	0.00E+00
CHILD	TOTALS	9.96E-01	7.35E-02	6.87E-02	8.91E-02	7.40E-02	1.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.36E-01	1.68E-02	1.69E-04	8.91E-03	4.28E-03	1.56E+01
TEENAGE	GROUND	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03
TEENAGE	CLOUD	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02
TEENAGE	VEG. ING	2.29E-03	3.37E-02	7.29E-03	7.29E-03	6.03E-03	0.00E+00
TEENAGE	MEAT ING	3.54E-04	5.20E-03	1.13E-03	1.13E-03	9.31E-04	0.00E+00
TEENAGE	MILK ING	3.28E-04	4.83E-03	1.04E-03	1.04E-03	8.64E-04	0.00E+00
TEENAGE	TOTALS	9.97E-01	1.18E-01	6.69E-02	7.56E-02	6.93E-02	1.56E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.36E-01	9.90E-03	1.41E-04	7.43E-03	3.57E-03	1.56E+01
ADULT	GROUND	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03	1.76E-03
ADULT	CLOUD	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02	5.55E-02
ADULT	VEG. ING	1.39E-03	1.60E-02	4.76E-03	4.76E-03	3.88E-03	0.00E+00
ADULT	MEAT ING	2.71E-04	3.13E-03	9.31E-04	9.31E-04	7.58E-04	0.00E+00
ADULT	MILK ING	7.60E-05	8.79E-04	2.61E-04	2.61E-04	2.13E-04	0.00E+00
ADULT	TOTALS	9.95E-01	8.72E-02	6.33E-02	7.06E-02	6.57E-02	1.56E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.15E+00	1.74E-03	1.62E-04	9.05E-03	3.52E-03	3.59E+01
INFANT	GROUND	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03
INFANT	CLOUD	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.70E-04	7.33E-04	1.36E-03	1.36E-03	1.20E-03	0.00E+00
INFANT	TOTALS	2.19E+00	4.32E-02	4.23E-02	5.12E-02	4.55E-02	3.59E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.15E+00	1.32E-03	7.56E-05	4.02E-03	1.66E-03	3.59E+01
CHILD	GROUND	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03
CHILD	CLOUD	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02
CHILD	VEG. ING	2.97E-04	1.34E-03	1.58E-03	1.58E-03	1.16E-03	0.00E+00
CHILD	MEAT ING	4.67E-05	2.12E-04	2.49E-04	2.49E-04	1.83E-04	0.00E+00
CHILD	MILK ING	5.95E-05	2.69E-04	3.18E-04	3.18E-04	2.33E-04	0.00E+00
CHILD	TOTALS	2.19E+00	4.39E-02	4.30E-02	4.69E-02	4.40E-02	3.59E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.15E+00	3.26E-03	3.24E-05	1.72E-03	8.28E-04	3.59E+01
TEENAGE	GROUND	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03
TEENAGE	CLOUD	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02
TEENAGE	VEG. ING	4.43E-04	6.52E-03	1.41E-03	1.41E-03	1.17E-03	0.00E+00
TEENAGE	MEAT ING	6.85E-05	1.01E-03	2.18E-04	2.18E-04	1.80E-04	0.00E+00
TEENAGE	MILK ING	6.36E-05	9.35E-04	2.02E-04	2.02E-04	1.67E-04	0.00E+00
TEENAGE	TOTALS	2.19E+00	5.25E-02	4.26E-02	4.43E-02	4.31E-02	3.59E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.15E+00	1.92E-03	2.70E-05	1.44E-03	6.90E-04	3.59E+01
ADULT	GROUND	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03	3.43E-03
ADULT	CLOUD	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02	3.73E-02
ADULT	VEG. ING	2.68E-04	3.10E-03	9.21E-04	9.21E-04	7.50E-04	0.00E+00
ADULT	MEAT ING	5.24E-05	6.06E-04	1.80E-04	1.80E-04	1.47E-04	0.00E+00
ADULT	MILK ING	1.47E-05	1.70E-04	5.05E-05	5.05E-05	4.12E-05	0.00E+00
ADULT	TOTALS	2.19E+00	4.66E-02	4.20E-02	4.34E-02	4.24E-02	3.59E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 14 NAME=W PERM BNDRY X= -1.0KM, Y= 0.0KM, Z= 6.1M, DIST= 1.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 14 NAME=W PERM BNDRY X= -1.0KM, Y= 0.0KM, Z= 6.1M, DIST= 1.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.26E+01	1.79E-03	1.66E-04	9.27E-03	3.60E-03	2.10E+02
INFANT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
INFANT	CLOUD	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.80E-04	7.53E-04	1.40E-03	1.40E-03	1.23E-03	0.00E+00
INFANT	TOTALS	1.27E+01	1.14E-01	1.13E-01	1.22E-01	1.16E-01	2.10E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.26E+01	1.35E-03	7.74E-05	4.12E-03	1.70E-03	2.10E+02
CHILD	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
CHILD	CLOUD	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02
CHILD	VEG. ING	3.04E-04	1.38E-03	1.62E-03	1.62E-03	1.19E-03	0.00E+00
CHILD	MEAT ING	4.80E-05	2.17E-04	2.56E-04	2.56E-04	1.88E-04	0.00E+00
CHILD	MILK ING	6.11E-05	2.77E-04	3.26E-04	3.26E-04	2.40E-04	0.00E+00
CHILD	TOTALS	1.27E+01	1.15E-01	1.14E-01	1.18E-01	1.15E-01	2.10E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.26E+01	3.34E-03	3.32E-05	1.77E-03	8.48E-04	2.10E+02
TEENAGE	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
TEENAGE	CLOUD	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02
TEENAGE	VEG. ING	4.55E-04	6.69E-03	1.45E-03	1.45E-03	1.20E-03	0.00E+00
TEENAGE	MEAT ING	7.04E-05	1.04E-03	2.24E-04	2.24E-04	1.85E-04	0.00E+00
TEENAGE	MILK ING	6.53E-05	9.61E-04	2.08E-04	2.08E-04	1.72E-04	0.00E+00
TEENAGE	TOTALS	1.27E+01	1.24E-01	1.13E-01	1.15E-01	1.14E-01	2.10E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.26E+01	1.96E-03	2.76E-05	1.47E-03	7.07E-04	2.10E+02
ADULT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
ADULT	CLOUD	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02	9.40E-02
ADULT	VEG. ING	2.75E-04	3.18E-03	9.45E-04	9.45E-04	7.70E-04	0.00E+00
ADULT	MEAT ING	5.39E-05	6.23E-04	1.85E-04	1.85E-04	1.51E-04	0.00E+00
ADULT	MILK ING	1.51E-05	1.75E-04	5.20E-05	5.20E-05	4.23E-05	0.00E+00
ADULT	TOTALS	1.27E+01	1.17E-01	1.13E-01	1.14E-01	1.13E-01	2.10E+02

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 15 NAME=WNW PERM BNDRY X= -1.0KM, Y= 0.4KM, Z= -9.1M, DIST= 1.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 15 NAME=WNW PERM BNDRY X= -1.0KM, Y= 0.4KM, Z= -9.1M, DIST= 1.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.43E+00	5.05E-04	4.69E-05	2.62E-03	1.02E-03	4.05E+01
INFANT	GROUND	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03
INFANT	CLOUD	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.08E-04	2.14E-04	3.96E-04	3.96E-04	3.50E-04	0.00E+00
INFANT	TOTALS	2.46E+00	2.42E-02	2.39E-02	2.65E-02	2.49E-02	4.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.43E+00	3.83E-04	2.19E-05	1.17E-03	4.80E-04	4.05E+01
CHILD	GROUND	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03
CHILD	CLOUD	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02
CHILD	VEG. ING	8.62E-05	3.90E-04	4.60E-04	4.60E-04	3.38E-04	0.00E+00
CHILD	MEAT ING	1.36E-05	6.17E-05	7.27E-05	7.27E-05	5.34E-05	0.00E+00
CHILD	MILK ING	1.74E-05	7.86E-05	9.27E-05	9.27E-05	6.81E-05	0.00E+00
CHILD	TOTALS	2.46E+00	2.44E-02	2.41E-02	2.53E-02	2.44E-02	4.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.43E+00	9.43E-04	9.39E-06	4.99E-04	2.40E-04	4.05E+01
TEENAGE	GROUND	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03
TEENAGE	CLOUD	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02
TEENAGE	VEG. ING	1.29E-04	1.90E-03	4.10E-04	4.10E-04	3.39E-04	0.00E+00
TEENAGE	MEAT ING	2.00E-05	2.94E-04	6.36E-05	6.36E-05	5.26E-05	0.00E+00
TEENAGE	MILK ING	1.85E-05	2.73E-04	5.90E-05	5.90E-05	4.88E-05	0.00E+00
TEENAGE	TOTALS	2.46E+00	2.69E-02	2.40E-02	2.45E-02	2.42E-02	4.06E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.43E+00	5.55E-04	7.82E-06	4.16E-04	2.00E-04	4.05E+01
ADULT	GROUND	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03	3.63E-03
ADULT	CLOUD	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02	1.99E-02
ADULT	VEG. ING	7.80E-05	9.01E-04	2.68E-04	2.68E-04	2.18E-04	0.00E+00
ADULT	MEAT ING	1.53E-05	1.77E-04	5.26E-05	5.26E-05	4.28E-05	0.00E+00
ADULT	MILK ING	4.29E-06	4.96E-05	1.47E-05	1.47E-05	1.20E-05	0.00E+00
ADULT	TOTALS	2.46E+00	2.52E-02	2.38E-02	2.42E-02	2.40E-02	4.06E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 16 NAME=NW PERM BNDRY X= -0.9KM, Y= 0.9KM, Z= -21.3M, DIST= 1.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 16 NAME=NW PERM BNDRY X= -0.9KM, Y= 0.9KM, Z= -21.3M, DIST= 1.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.59E+00	6.84E-04	6.36E-05	3.55E-03	1.38E-03	2.65E+01
INFANT	GROUND	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03
INFANT	CLOUD	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.46E-04	2.89E-04	5.35E-04	5.35E-04	4.72E-04	0.00E+00
INFANT	TOTALS	1.62E+00	2.83E-02	2.80E-02	3.15E-02	2.92E-02	2.66E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.59E+00	5.19E-04	2.97E-05	1.58E-03	6.50E-04	2.65E+01
CHILD	GROUND	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03
CHILD	CLOUD	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02
CHILD	VEG. ING	1.17E-04	5.28E-04	6.23E-04	6.23E-04	4.57E-04	0.00E+00
CHILD	MEAT ING	1.84E-05	8.34E-05	9.82E-05	9.82E-05	7.22E-05	0.00E+00
CHILD	MILK ING	2.34E-05	1.06E-04	1.25E-04	1.25E-04	9.19E-05	0.00E+00
CHILD	TOTALS	1.62E+00	2.86E-02	2.82E-02	2.98E-02	2.86E-02	2.66E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.59E+00	1.28E-03	1.27E-05	6.77E-04	3.25E-04	2.65E+01
TEENAGE	GROUND	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03
TEENAGE	CLOUD	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02
TEENAGE	VEG. ING	1.74E-04	2.56E-03	5.54E-04	5.54E-04	4.59E-04	0.00E+00
TEENAGE	MEAT ING	2.70E-05	3.97E-04	8.58E-05	8.58E-05	7.10E-05	0.00E+00
TEENAGE	MILK ING	2.50E-05	3.68E-04	7.96E-05	7.96E-05	6.59E-05	0.00E+00
TEENAGE	TOTALS	1.62E+00	3.20E-02	2.81E-02	2.88E-02	2.83E-02	2.66E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.59E+00	7.52E-04	1.06E-05	5.64E-04	2.71E-04	2.65E+01
ADULT	GROUND	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03	2.60E-03
ADULT	CLOUD	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02	2.48E-02
ADULT	VEG. ING	1.05E-04	1.22E-03	3.62E-04	3.62E-04	2.95E-04	0.00E+00
ADULT	MEAT ING	2.07E-05	2.39E-04	7.10E-05	7.10E-05	5.78E-05	0.00E+00
ADULT	MILK ING	5.80E-06	6.70E-05	1.99E-05	1.99E-05	1.62E-05	0.00E+00
ADULT	TOTALS	1.62E+00	2.96E-02	2.78E-02	2.84E-02	2.80E-02	2.66E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 17 NAME=NNW PERM BNDRY X= -0.6KM, Y= 1.5KM, Z= -30.5M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 17 NAME=NNW PERM BNDRY X= -0.6KM, Y= 1.5KM, Z= -30.5M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.12E+00	9.44E-04	8.77E-05	4.90E-03	1.90E-03	1.86E+01
INFANT	GROUND	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03
INFANT	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.01E-04	3.97E-04	7.37E-04	7.37E-04	6.50E-04	0.00E+00
INFANT	TOTALS	1.14E+00	2.71E-02	2.66E-02	3.14E-02	2.83E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+00	7.15E-04	4.09E-05	2.18E-03	8.96E-04	1.86E+01
CHILD	GROUND	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03
CHILD	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
CHILD	VEG. ING	1.61E-04	7.28E-04	8.58E-04	8.58E-04	6.30E-04	0.00E+00
CHILD	MEAT ING	2.53E-05	1.15E-04	1.35E-04	1.35E-04	9.94E-05	0.00E+00
CHILD	MILK ING	3.23E-05	1.46E-04	1.72E-04	1.72E-04	1.27E-04	0.00E+00
CHILD	TOTALS	1.14E+00	2.75E-02	2.70E-02	2.91E-02	2.75E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+00	1.76E-03	1.75E-05	9.33E-04	4.48E-04	1.86E+01
TEENAGE	GROUND	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03
TEENAGE	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
TEENAGE	VEG. ING	2.40E-04	3.53E-03	7.64E-04	7.64E-04	6.32E-04	0.00E+00
TEENAGE	MEAT ING	3.72E-05	5.47E-04	1.18E-04	1.18E-04	9.78E-05	0.00E+00
TEENAGE	MILK ING	3.45E-05	5.07E-04	1.10E-04	1.10E-04	9.08E-05	0.00E+00
TEENAGE	TOTALS	1.14E+00	3.21E-02	2.68E-02	2.77E-02	2.70E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.12E+00	1.04E-03	1.46E-05	7.78E-04	3.73E-04	1.86E+01
ADULT	GROUND	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03	1.91E-03
ADULT	CLOUD	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02	2.38E-02
ADULT	VEG. ING	1.45E-04	1.68E-03	4.99E-04	4.99E-04	4.07E-04	0.00E+00
ADULT	MEAT ING	2.85E-05	3.29E-04	9.77E-05	9.77E-05	7.96E-05	0.00E+00
ADULT	MILK ING	7.98E-06	9.23E-05	2.74E-05	2.74E-05	2.23E-05	0.00E+00
ADULT	TOTALS	1.14E+00	2.89E-02	2.64E-02	2.72E-02	2.66E-02	1.87E+01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 18 NAME=NEAREST RES & DWND X= 13.3KM, Y= 12.7KM, Z=-115.8M, DIST= 18.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 18 NAME=NEAREST RES & DWND X= 13.3KM, Y= 12.7KM, Z=-115.8M, DIST= 18.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.15E-01	1.26E-03	1.20E-04	6.55E-03	2.55E-03	1.92E+00
INFANT	GROUND	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
INFANT	CLOUD	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.68E-04	5.31E-04	9.84E-04	9.84E-04	8.68E-04	0.00E+00
INFANT	TOTALS	1.24E-01	9.60E-03	8.92E-03	1.53E-02	1.12E-02	1.93E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.15E-01	9.57E-04	5.62E-05	2.91E-03	1.20E-03	1.92E+00
CHILD	GROUND	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
CHILD	CLOUD	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03
CHILD	VEG. ING	2.15E-04	9.73E-04	1.15E-03	1.15E-03	8.42E-04	0.00E+00
CHILD	MEAT ING	3.38E-05	1.53E-04	1.81E-04	1.81E-04	1.33E-04	0.00E+00
CHILD	MILK ING	4.31E-05	1.95E-04	2.30E-04	2.30E-04	1.69E-04	0.00E+00
CHILD	TOTALS	1.23E-01	1.01E-02	9.42E-03	1.23E-02	1.02E-02	1.93E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.15E-01	2.36E-03	2.41E-05	1.25E-03	6.00E-04	1.92E+00
TEENAGE	GROUND	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
TEENAGE	CLOUD	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03
TEENAGE	VEG. ING	3.21E-04	4.72E-03	1.02E-03	1.02E-03	8.45E-04	0.00E+00
TEENAGE	MEAT ING	4.96E-05	7.30E-04	1.58E-04	1.58E-04	1.31E-04	0.00E+00
TEENAGE	MILK ING	4.61E-05	6.77E-04	1.46E-04	1.46E-04	1.21E-04	0.00E+00
TEENAGE	TOTALS	1.23E-01	1.63E-02	9.16E-03	1.04E-02	9.51E-03	1.93E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.15E-01	1.39E-03	2.01E-05	1.04E-03	5.00E-04	1.92E+00
ADULT	GROUND	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
ADULT	CLOUD	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03	7.59E-03
ADULT	VEG. ING	1.94E-04	2.24E-03	6.67E-04	6.67E-04	5.43E-04	0.00E+00
ADULT	MEAT ING	3.80E-05	4.39E-04	1.31E-04	1.31E-04	1.06E-04	0.00E+00
ADULT	MILK ING	1.07E-05	1.23E-04	3.66E-05	3.66E-05	2.98E-05	0.00E+00
ADULT	TOTALS	1.23E-01	1.20E-02	8.67E-03	9.69E-03	8.99E-03	1.93E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.26E-02	5.95E-04	5.76E-05	3.09E-03	1.20E-03	3.73E-01
INFANT	GROUND	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05
INFANT	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.26E-04	2.50E-04	4.64E-04	4.64E-04	4.09E-04	0.00E+00
INFANT	TOTALS	2.52E-02	3.31E-03	2.98E-03	6.02E-03	4.07E-03	3.75E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.25E-02	4.51E-04	2.69E-05	1.37E-03	5.66E-04	3.73E-01
CHILD	GROUND	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05
CHILD	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
CHILD	VEG. ING	1.01E-04	4.59E-04	5.41E-04	5.41E-04	3.97E-04	0.00E+00
CHILD	MEAT ING	1.60E-05	7.23E-05	8.52E-05	8.52E-05	6.26E-05	0.00E+00
CHILD	MILK ING	2.03E-05	9.21E-05	1.08E-04	1.08E-04	7.97E-05	0.00E+00
CHILD	TOTALS	2.51E-02	3.54E-03	3.22E-03	4.57E-03	3.57E-03	3.75E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.25E-02	1.11E-03	1.15E-05	5.89E-04	2.83E-04	3.73E-01
TEENAGE	GROUND	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05
TEENAGE	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
TEENAGE	VEG. ING	1.51E-04	2.23E-03	4.82E-04	4.82E-04	3.99E-04	0.00E+00
TEENAGE	MEAT ING	2.34E-05	3.44E-04	7.44E-05	7.44E-05	6.16E-05	0.00E+00
TEENAGE	MILK ING	2.17E-05	3.19E-04	6.90E-05	6.90E-05	5.71E-05	0.00E+00
TEENAGE	TOTALS	2.51E-02	6.47E-03	3.10E-03	3.68E-03	3.26E-03	3.75E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.25E-02	6.54E-04	9.59E-06	4.91E-04	2.36E-04	3.73E-01
ADULT	GROUND	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05	4.29E-05
ADULT	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
ADULT	VEG. ING	9.16E-05	1.06E-03	3.15E-04	3.15E-04	2.56E-04	0.00E+00
ADULT	MEAT ING	1.79E-05	2.07E-04	6.15E-05	6.15E-05	5.01E-05	0.00E+00
ADULT	MILK ING	5.03E-06	5.81E-05	1.73E-05	1.73E-05	1.41E-05	0.00E+00
ADULT	TOTALS	2.50E-02	4.44E-03	2.87E-03	3.35E-03	3.02E-03	3.75E-01

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 20 NAME=JEFFERY CITY X= -24.8KM, Y= -32.5KM, Z=-131.0M, DIST= 40.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 2, After 4.00 Years DURATION IN YRS IS... 2.0

NUMBER 20 NAME=JEFFERY CITY X= -24.8KM, Y= -32.5KM, Z=-131.0M, DIST= 40.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.54E-02	2.53E-03	2.52E-04	1.31E-02	5.10E-03	4.10E-01
INFANT	GROUND	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05
INFANT	CLOUD	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.37E-04	1.06E-03	1.97E-03	1.97E-03	1.74E-03	0.00E+00
INFANT	TOTALS	2.93E-02	6.96E-03	5.59E-03	1.85E-02	1.02E-02	4.13E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.50E-02	1.92E-03	1.17E-04	5.83E-03	2.40E-03	4.10E-01
CHILD	GROUND	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05
CHILD	CLOUD	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03
CHILD	VEG. ING	4.30E-04	1.95E-03	2.30E-03	2.30E-03	1.69E-03	0.00E+00
CHILD	MEAT ING	6.77E-05	3.07E-04	3.62E-04	3.62E-04	2.66E-04	0.00E+00
CHILD	MILK ING	8.63E-05	3.91E-04	4.61E-04	4.61E-04	3.38E-04	0.00E+00
CHILD	TOTALS	2.90E-02	7.93E-03	6.60E-03	1.23E-02	8.06E-03	4.13E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.50E-02	4.72E-03	5.03E-05	2.50E-03	1.20E-03	4.10E-01
TEENAGE	GROUND	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05
TEENAGE	CLOUD	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03
TEENAGE	VEG. ING	6.43E-04	9.46E-03	2.04E-03	2.04E-03	1.69E-03	0.00E+00
TEENAGE	MEAT ING	9.94E-05	1.46E-03	3.16E-04	3.16E-04	2.61E-04	0.00E+00
TEENAGE	MILK ING	9.22E-05	1.36E-03	2.93E-04	2.93E-04	2.43E-04	0.00E+00
TEENAGE	TOTALS	2.92E-02	2.04E-02	6.07E-03	8.52E-03	6.76E-03	4.13E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.49E-02	2.78E-03	4.19E-05	2.08E-03	1.00E-03	4.10E-01
ADULT	GROUND	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05	4.91E-05
ADULT	CLOUD	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03	3.32E-03
ADULT	VEG. ING	3.89E-04	4.49E-03	1.34E-03	1.34E-03	1.09E-03	0.00E+00
ADULT	MEAT ING	7.61E-05	8.79E-04	2.61E-04	2.61E-04	2.13E-04	0.00E+00
ADULT	MILK ING	2.14E-05	2.47E-04	7.33E-05	7.33E-05	5.97E-05	0.00E+00
ADULT	TOTALS	2.88E-02	1.18E-02	5.08E-03	7.12E-03	5.73E-03	4.13E-01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.312E+01	2.074E+01	6.961E+00	2.905E+00	6.085E-06	6.749E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.453E+01	1.380E+01	5.672E+00	2.752E+00	6.889E-06	5.323E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.110E+01	1.079E+01	5.033E+00	2.667E+00	8.212E-06	4.658E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.152E+00	8.992E+00	4.562E+00	2.557E+00	9.311E-06	4.193E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.800E+00	5.772E+00	3.488E+00	2.187E+00	1.136E-05	3.179E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.359E+00	2.360E+00	1.813E+00	1.356E+00	1.100E-05	1.668E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.016E+00	1.017E+00	8.998E-01	7.678E-01	9.411E-06	8.473E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.675E-01	5.679E-01	5.346E-01	4.885E-01	8.348E-06	5.117E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.651E-01	3.654E-01	3.546E-01	3.367E-01	7.588E-06	3.430E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.566E-01	2.567E-01	2.531E-01	2.458E-01	7.007E-06	2.464E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.912E-01	1.913E-01	1.902E-01	1.872E-01	6.542E-06	1.860E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.487E-01	1.488E-01	1.486E-01	1.474E-01	6.160E-06	1.457E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.643E+01	1.643E+01	1.643E+01	1.813E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.093E+01	1.093E+01	1.093E+01	2.307E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.545E+00	8.545E+00	8.545E+00	2.831E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.122E+00	7.122E+00	7.122E+00	3.273E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.572E+00	4.572E+00	4.572E+00	3.859E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.869E+00	1.869E+00	1.869E+00	3.886E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.054E-01	8.054E-01	8.054E-01	3.533E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.498E-01	4.498E-01	4.498E-01	3.243E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.894E-01	2.894E-01	2.894E-01	3.018E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.033E-01	2.033E-01	2.033E-01	2.835E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.515E-01	1.515E-01	1.515E-01	2.682E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.178E-01	1.178E-01	1.178E-01	2.552E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.826E-08
2.5	0.000E+00	0.000E+00	0.000E+00	2.067E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.464E-08
4.5	0.000E+00	0.000E+00	0.000E+00	2.793E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.408E-08
15.0	0.000E+00	0.000E+00	0.000E+00	3.299E-08
25.0	0.000E+00	0.000E+00	0.000E+00	2.823E-08
35.0	0.000E+00	0.000E+00	0.000E+00	2.504E-08
45.0	0.000E+00	0.000E+00	0.000E+00	2.276E-08
55.0	0.000E+00	0.000E+00	0.000E+00	2.102E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.963E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.848E-08

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.401E+02	1.182E+02	3.278E+01	1.220E+01	1.698E-05	3.334E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.697E+01	6.245E+01	2.420E+01	1.175E+01	2.313E-05	2.308E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.280E+01	4.141E+01	1.954E+01	1.081E+01	2.786E-05	1.820E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.120E+01	3.070E+01	1.666E+01	1.000E+01	3.219E-05	1.534E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.721E+01	1.717E+01	1.179E+01	8.123E+00	4.028E-05	1.077E-04
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.850E+00	7.854E+00	6.774E+00	5.606E+00	4.839E-05	6.334E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.314E+00	4.316E+00	4.091E+00	3.763E+00	5.120E-05	3.922E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.869E+00	2.871E+00	2.811E+00	2.701E+00	5.134E-05	2.728E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.101E+00	2.103E+00	2.087E+00	2.047E+00	5.058E-05	2.038E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.633E+00	1.634E+00	1.631E+00	1.617E+00	4.952E-05	1.598E-05
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.319E+00	1.320E+00	1.322E+00	1.318E+00	4.835E-05	1.298E-05
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.097E+00	1.097E+00	1.101E+00	1.100E+00	4.717E-05	1.082E-05

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.362E+01	9.362E+01	9.362E+01	6.437E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.946E+01	4.946E+01	4.946E+01	9.885E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.280E+01	3.280E+01	3.280E+01	1.248E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E+01	2.432E+01	2.432E+01	1.458E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.360E+01	1.360E+01	1.360E+01	1.843E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.221E+00	6.221E+00	6.221E+00	2.192E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.419E+00	3.419E+00	3.419E+00	2.304E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.274E+00	2.274E+00	2.274E+00	2.303E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.665E+00	1.665E+00	1.665E+00	2.265E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.294E+00	1.294E+00	1.294E+00	2.216E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.046E+00	1.046E+00	1.046E+00	2.162E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.692E-01	8.692E-01	8.692E-01	2.109E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	5.095E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.938E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.357E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.657E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.208E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.452E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.536E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.540E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.517E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.485E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.450E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.415E-07

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.533E+01	4.932E+01	1.667E+01	7.111E+00	1.324E-05	1.618E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.546E+01	3.400E+01	1.541E+01	8.192E+00	1.884E-05	1.437E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.889E+01	2.826E+01	1.468E+01	8.587E+00	2.284E-05	1.356E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.095E+01	2.065E+01	1.157E+01	7.116E+00	2.089E-05	1.065E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.102E+00	8.078E+00	5.495E+00	3.770E+00	1.558E-05	5.024E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.502E+00	4.504E+00	3.903E+00	3.238E+00	2.514E-05	3.651E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+00	2.116E+00	2.019E+00	1.874E+00	2.457E-05	1.940E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.249E+00	1.249E+00	1.229E+00	1.189E+00	2.262E-05	1.195E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.519E-01	8.524E-01	8.481E-01	8.357E-01	2.113E-05	8.295E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.308E-01	6.312E-01	6.312E-01	6.273E-01	1.993E-05	6.190E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.923E-01	4.926E-01	4.938E-01	4.930E-01	1.894E-05	4.850E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.986E-01	3.989E-01	4.003E-01	4.006E-01	1.810E-05	3.935E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.907E+01	3.907E+01	3.907E+01	3.876E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.693E+01	2.693E+01	2.693E+01	5.681E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.238E+01	2.238E+01	2.238E+01	6.889E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.636E+01	1.636E+01	1.636E+01	6.881E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.398E+00	6.398E+00	6.398E+00	7.196E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.568E+00	3.568E+00	3.568E+00	9.955E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.676E+00	1.676E+00	1.676E+00	9.861E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.896E-01	9.896E-01	9.896E-01	9.320E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.751E-01	6.751E-01	6.751E-01	8.854E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.999E-01	4.999E-01	4.999E-01	8.450E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.902E-01	3.902E-01	3.902E-01	8.098E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.159E-01	3.159E-01	3.159E-01	7.788E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	3.973E-08
2.5	0.000E+00	0.000E+00	0.000E+00	5.653E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.853E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.268E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.673E-08
15.0	0.000E+00	0.000E+00	0.000E+00	7.543E-08
25.0	0.000E+00	0.000E+00	0.000E+00	7.372E-08
35.0	0.000E+00	0.000E+00	0.000E+00	6.785E-08
45.0	0.000E+00	0.000E+00	0.000E+00	6.338E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.979E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.682E-08
75.0	0.000E+00	0.000E+00	0.000E+00	5.429E-08

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE SW DIRECTION, THETA EQUALS 225.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.185E+01	4.548E+01	1.358E+01	5.412E+00	9.264E-06	1.359E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E+01	3.583E+01	1.300E+01	5.933E+00	1.026E-05	1.250E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.391E+01	4.104E+01	1.471E+01	6.815E+00	1.107E-05	1.423E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.668E+01	5.985E+01	1.956E+01	8.438E+00	1.160E-05	1.923E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.197E+01	2.839E+01	9.975E+00	4.566E+00	9.012E-06	9.685E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.452E+00	5.446E+00	3.991E+00	2.879E+00	1.576E-05	3.658E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.869E+00	1.870E+00	1.712E+00	1.509E+00	1.524E-05	1.624E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.050E+00	1.050E+00	1.018E+00	9.643E-01	1.455E-05	9.842E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.040E-01	7.044E-01	6.970E-01	6.799E-01	1.390E-05	6.795E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.204E-01	5.207E-01	5.196E-01	5.139E-01	1.336E-05	5.088E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.070E-01	4.072E-01	4.079E-01	4.062E-01	1.288E-05	4.003E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.316E-01	3.318E-01	3.330E-01	3.328E-01	1.249E-05	3.271E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.602E+01	3.602E+01	3.602E+01	2.481E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.838E+01	2.838E+01	2.838E+01	3.032E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.250E+01	3.250E+01	3.250E+01	3.536E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.741E+01	4.741E+01	4.741E+01	3.951E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.249E+01	2.249E+01	2.249E+01	4.411E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.314E+00	4.314E+00	4.314E+00	6.417E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.481E+00	1.481E+00	1.481E+00	6.456E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.318E-01	8.318E-01	8.318E-01	6.273E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.579E-01	5.579E-01	5.579E-01	6.051E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.124E-01	4.124E-01	4.124E-01	5.858E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.225E-01	3.225E-01	3.225E-01	5.680E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.628E-01	2.628E-01	2.628E-01	5.525E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	2.779E-08
2.5	0.000E+00	0.000E+00	0.000E+00	3.079E-08
3.5	0.000E+00	0.000E+00	0.000E+00	3.322E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.480E-08
7.5	0.000E+00	0.000E+00	0.000E+00	2.704E-08
15.0	0.000E+00	0.000E+00	0.000E+00	4.728E-08
25.0	0.000E+00	0.000E+00	0.000E+00	4.572E-08
35.0	0.000E+00	0.000E+00	0.000E+00	4.366E-08
45.0	0.000E+00	0.000E+00	0.000E+00	4.170E-08
55.0	0.000E+00	0.000E+00	0.000E+00	4.009E-08
65.0	0.000E+00	0.000E+00	0.000E+00	3.865E-08
75.0	0.000E+00	0.000E+00	0.000E+00	3.746E-08

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.641E+01	5.667E+01	1.585E+01	5.861E+00	7.404E-06	1.606E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.987E+01	3.691E+01	1.264E+01	5.695E+00	9.172E-06	1.233E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.453E+01	3.199E+01	1.157E+01	5.738E+00	1.148E-05	1.130E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.637E+01	2.434E+01	9.427E+00	4.975E+00	1.153E-05	9.142E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.685E+00	8.641E+00	5.567E+00	3.742E+00	1.359E-05	5.108E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.014E+00	3.015E+00	2.450E+00	1.907E+00	1.386E-05	2.264E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.882E+00	1.883E+00	1.739E+00	1.543E+00	1.805E-05	1.651E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.252E+00	1.253E+00	1.215E+00	1.148E+00	1.924E-05	1.173E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.087E-01	9.092E-01	8.990E-01	8.752E-01	1.944E-05	8.759E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.003E-01	7.007E-01	6.988E-01	6.903E-01	1.927E-05	6.839E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.627E-01	5.633E-01	5.607E-01	1.896E-05	5.527E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.651E-01	4.654E-01	4.669E-01	4.665E-01	1.859E-05	4.587E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.489E+01	4.489E+01	4.489E+01	2.651E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.923E+01	2.923E+01	2.923E+01	3.725E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.534E+01	2.534E+01	2.534E+01	4.771E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.928E+01	1.928E+01	1.928E+01	5.288E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.844E+00	6.844E+00	6.844E+00	6.474E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.388E+00	2.388E+00	2.388E+00	7.470E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	1.491E+00	1.491E+00	8.600E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.924E-01	9.924E-01	9.924E-01	8.860E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.201E-01	7.201E-01	7.201E-01	8.829E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.550E-01	5.550E-01	5.550E-01	8.698E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01	4.456E-01	4.456E-01	8.525E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.686E-01	3.686E-01	3.686E-01	8.338E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	2.221E-08
2.5	0.000E+00	0.000E+00	0.000E+00	2.752E-08
3.5	0.000E+00	0.000E+00	0.000E+00	3.444E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.459E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.078E-08
15.0	0.000E+00	0.000E+00	0.000E+00	4.157E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.414E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.773E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.831E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.782E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.689E-08
75.0	0.000E+00	0.000E+00	0.000E+00	5.577E-08

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 3--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.	1.407E-02	1.140E-01	1.845E-03	8.547E-02	4.110E-02	6.231E+00
GROUND	8.671E-04	8.671E-04	8.671E-04	8.671E-04	8.671E-04	8.671E-04
CLOUD	5.434E-02	5.434E-02	5.434E-02	5.434E-02	5.434E-02	5.434E-02
VEG. ING	1.205E-01	1.315E+00	1.205E-01	4.588E-01	3.630E-01	1.205E-01
MEAT ING	5.797E-03	6.559E-02	5.797E-03	2.119E-02	1.695E-02	5.797E-03
MILK ING	2.881E-03	2.721E-02	2.881E-03	1.111E-02	8.890E-03	2.881E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.985E-01	1.577E+00	1.863E-01	6.317E-01	4.852E-01	6.415E+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	2.428E+00	2.650E+01	2.428E+00	9.242E+00	7.313E+00	2.428E+00
MEAT ING	3.069E-02	3.472E-01	3.069E-02	1.122E-01	8.972E-02	3.069E-02
MILK ING	5.830E-04	5.506E-03	5.830E-04	2.248E-03	1.799E-03	5.830E-04
RNPLUS50	6.807E+01	9.282E+02	1.547E+01	6.807E+01	6.807E+01	4.332E+02
TOTALS	7.053E+01	9.550E+02	1.793E+01	7.742E+01	7.547E+01	4.356E+02

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.407E-02	1.140E-01	1.845E-03	8.547E-02	4.110E-02	6.231E+00
GROUND	8.671E-04	8.671E-04	8.671E-04	8.671E-04	8.671E-04	8.671E-04
CLOUD	5.434E-02	5.434E-02	5.434E-02	5.434E-02	5.434E-02	5.434E-02
VEG. ING	2.548E+00	2.782E+01	2.548E+00	9.701E+00	7.676E+00	2.548E+00
MEAT ING	3.649E-02	4.128E-01	3.649E-02	1.334E-01	1.067E-01	3.649E-02
MILK ING	3.464E-03	3.272E-02	3.464E-03	1.336E-02	1.069E-02	3.464E-03
RNPLUS50	6.807E+01	9.282E+02	1.547E+01	6.807E+01	6.807E+01	4.332E+02
TOTALS	7.072E+01	9.566E+02	1.812E+01	7.805E+01	7.596E+01	4.420E+02

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	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	CAROL SHOP	2	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	CAROL SHOP	3	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	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	N PERM BNDRY	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	N PERM BNDRY	2	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	N PERM BNDRY	3	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	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NNE PERM BNDRY	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	NNE PERM BNDRY	2	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	NNE PERM BNDRY	3	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	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NE PERM BNDRY	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	NE PERM BNDRY	2	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	NE PERM BNDRY	3	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	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ENE PERM BNDRY	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	ENE PERM BNDRY	2	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	ENE PERM BNDRY	3	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	ENE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	E PERM BNDRY	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	E PERM BNDRY	2	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	E PERM BNDRY	3	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	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ESE PERM BNDRY	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	ESE PERM BNDRY	2	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	ESE PERM BNDRY	3	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	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	SE PERM BNDRY	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	SE PERM BNDRY	2	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	SE PERM BNDRY	3	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	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	SSE PERM BNDRY	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
9	SSE PERM BNDRY	2	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	SSE PERM BNDRY	3	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	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	S PERM BNDRY	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
10	S PERM BNDRY	2	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	S PERM BNDRY	3	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	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	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
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	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
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	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
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	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
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	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
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	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
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	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
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	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
18	NEAREST RES & DWND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	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
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	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
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	3.334E+05	5.394E+03	1.490E+01	2.615E+00	7.767E-06	3.620E-08	4.828E-12	5.641E-03	4.272E+03	4.272E+03	4.272E+03	1.727E+00
2	1.458E+01	1.384E+01	5.681E+00	2.753E+00	6.878E-06	3.445E-08	5.668E-12	5.333E-05	1.096E+01	1.096E+01	1.096E+01	2.302E+00
3	4.905E+01	4.175E+01	1.220E+01	5.475E+00	1.158E-05	5.016E-08	8.260E-12	1.253E-04	3.307E+01	3.307E+01	3.307E+01	4.943E+00
4	3.925E+01	3.628E+01	1.257E+01	5.845E+00	1.574E-05	8.294E-08	1.529E-11	1.229E-04	2.873E+01	2.873E+01	2.873E+01	6.254E+00
5	6.527E+01	6.064E+01	2.162E+01	1.017E+01	2.254E-05	1.001E-07	1.677E-11	2.100E-04	4.803E+01	4.803E+01	4.803E+01	9.299E+00
6	8.831E+01	8.302E+01	3.276E+01	1.612E+01	3.173E-05	1.207E-07	1.836E-11	3.117E-04	6.575E+01	6.575E+01	6.575E+01	1.429E+01
7	4.921E+01	4.754E+01	2.244E+01	1.225E+01	2.935E-05	1.263E-07	1.940E-11	2.084E-04	3.765E+01	3.765E+01	3.765E+01	1.192E+01
8	3.711E+01	3.618E+01	1.810E+01	1.020E+01	2.833E-05	1.327E-07	1.998E-11	1.671E-04	2.866E+01	2.866E+01	2.866E+01	1.045E+01
9	6.672E+01	6.335E+01	2.689E+01	1.346E+01	2.783E-05	1.011E-07	1.226E-11	2.518E-04	5.017E+01	5.017E+01	5.017E+01	1.073E+01
10	6.999E+01	6.409E+01	2.391E+01	1.112E+01	2.154E-05	7.103E-08	7.473E-12	2.287E-04	5.076E+01	5.076E+01	5.076E+01	7.492E+00
11	7.965E+01	7.441E+01	2.857E+01	1.369E+01	2.432E-05	6.163E-08	4.750E-12	2.726E-04	5.894E+01	5.894E+01	5.894E+01	8.785E+00
12	6.129E+01	5.438E+01	1.819E+01	7.916E+00	1.527E-05	6.304E-08	9.012E-12	1.778E-04	4.307E+01	4.307E+01	4.307E+01	7.255E+00
13	3.221E+01	2.988E+01	9.784E+00	4.137E+00	6.628E-06	1.585E-08	1.171E-12	9.582E-05	2.367E+01	2.367E+01	2.367E+01	2.084E+00
14	1.185E+02	8.975E+01	1.990E+01	6.113E+00	7.664E-06	2.456E-08	2.714E-12	2.162E-04	7.109E+01	7.109E+01	7.109E+01	2.361E+00
15	2.890E+01	2.447E+01	6.618E+00	2.445E+00	4.794E-06	1.867E-08	2.227E-12	6.788E-05	1.938E+01	1.938E+01	1.938E+01	1.164E+00
16	2.035E+01	1.845E+01	6.288E+00	2.442E+00	4.243E-06	1.659E-08	2.108E-12	5.999E-05	1.461E+01	1.461E+01	1.461E+01	1.142E+00
17	1.494E+01	1.394E+01	5.213E+00	2.244E+00	4.119E-06	1.662E-08	2.285E-12	4.915E-05	1.104E+01	1.104E+01	1.104E+01	1.247E+00
18	1.502E+00	1.502E+00	1.076E+00	7.064E-01	3.011E-06	4.117E-08	2.135E-11	9.636E-06	1.190E+00	1.190E+00	1.190E+00	1.195E+00
19	3.005E-01	3.007E-01	2.686E-01	2.236E-01	1.200E-06	2.143E-08	2.027E-11	2.505E-06	2.382E-01	2.382E-01	2.382E-01	5.207E-01
20	4.012E-01	4.015E-01	3.862E-01	3.607E-01	5.256E-06	1.473E-07	1.376E-10	3.717E-06	3.180E-01	3.180E-01	3.180E-01	2.257E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.50E+04	4.19E-03	3.92E-04	2.17E-02	8.45E-03	4.17E+05
INFANT	GROUND	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01
INFANT	CLOUD	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.78E-04	1.74E-03	3.22E-03	3.22E-03	2.84E-03	0.00E+00
INFANT	TOTALS	2.50E+04	1.60E+00	1.59E+00	1.62E+00	1.60E+00	4.17E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.50E+04	3.18E-03	1.83E-04	9.66E-03	3.98E-03	4.17E+05
CHILD	GROUND	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01
CHILD	CLOUD	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01
CHILD	VEG. ING	7.08E-04	3.21E-03	3.78E-03	3.78E-03	2.78E-03	0.00E+00
CHILD	MEAT ING	1.11E-04	5.02E-04	5.92E-04	5.92E-04	4.35E-04	0.00E+00
CHILD	MILK ING	1.41E-04	6.39E-04	7.53E-04	7.53E-04	5.54E-04	0.00E+00
CHILD	TOTALS	2.50E+04	1.60E+00	1.60E+00	1.61E+00	1.60E+00	4.17E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.50E+04	7.82E-03	7.85E-05	4.14E-03	1.99E-03	4.17E+05
TEENAGE	GROUND	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01
TEENAGE	CLOUD	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01
TEENAGE	VEG. ING	1.06E-03	1.56E-02	3.37E-03	3.37E-03	2.79E-03	0.00E+00
TEENAGE	MEAT ING	1.63E-04	2.39E-03	5.17E-04	5.17E-04	4.28E-04	0.00E+00
TEENAGE	MILK ING	1.51E-04	2.22E-03	4.80E-04	4.80E-04	3.97E-04	0.00E+00
TEENAGE	TOTALS	2.50E+04	1.62E+00	1.59E+00	1.60E+00	1.60E+00	4.17E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.50E+04	4.60E-03	6.54E-05	3.45E-03	1.66E-03	4.17E+05
ADULT	GROUND	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01	7.63E-01
ADULT	CLOUD	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01	8.27E-01
ADULT	VEG. ING	6.41E-04	7.40E-03	2.20E-03	2.20E-03	1.79E-03	0.00E+00
ADULT	MEAT ING	1.24E-04	1.44E-03	4.27E-04	4.27E-04	3.48E-04	0.00E+00
ADULT	MILK ING	3.49E-05	4.04E-04	1.20E-04	1.20E-04	9.77E-05	0.00E+00
ADULT	TOTALS	2.50E+04	1.60E+00	1.59E+00	1.60E+00	1.59E+00	4.17E+05

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.09E+00	3.71E-03	3.48E-04	1.93E-02	7.49E-03	1.82E+01
INFANT	GROUND	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03
INFANT	CLOUD	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	7.91E-04	1.57E-03	2.91E-03	2.91E-03	2.56E-03	0.00E+00
INFANT	TOTALS	1.13E+00	4.15E-02	3.94E-02	5.83E-02	4.62E-02	1.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.09E+00	2.81E-03	1.62E-04	8.56E-03	3.52E-03	1.82E+01
CHILD	GROUND	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03
CHILD	CLOUD	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02
CHILD	VEG. ING	6.32E-04	2.87E-03	3.38E-03	3.38E-03	2.48E-03	0.00E+00
CHILD	MEAT ING	9.99E-05	4.53E-04	5.33E-04	5.33E-04	3.92E-04	0.00E+00
CHILD	MILK ING	1.27E-04	5.77E-04	6.79E-04	6.79E-04	4.99E-04	0.00E+00
CHILD	TOTALS	1.13E+00	4.29E-02	4.09E-02	4.93E-02	4.31E-02	1.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.09E+00	6.93E-03	6.96E-05	3.67E-03	1.76E-03	1.82E+01
TEENAGE	GROUND	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03
TEENAGE	CLOUD	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02
TEENAGE	VEG. ING	9.46E-04	1.39E-02	3.01E-03	3.01E-03	2.49E-03	0.00E+00
TEENAGE	MEAT ING	1.47E-04	2.16E-03	4.66E-04	4.66E-04	3.86E-04	0.00E+00
TEENAGE	MILK ING	1.36E-04	2.00E-03	4.32E-04	4.32E-04	3.58E-04	0.00E+00
TEENAGE	TOTALS	1.13E+00	6.12E-02	4.02E-02	4.37E-02	4.12E-02	1.83E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.09E+00	4.08E-03	5.80E-05	3.06E-03	1.47E-03	1.82E+01
ADULT	GROUND	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03	1.96E-03
ADULT	CLOUD	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02	3.42E-02
ADULT	VEG. ING	5.72E-04	6.61E-03	1.96E-03	1.96E-03	1.60E-03	0.00E+00
ADULT	MEAT ING	1.12E-04	1.30E-03	3.85E-04	3.85E-04	3.14E-04	0.00E+00
ADULT	MILK ING	3.15E-05	3.64E-04	1.08E-04	1.08E-04	8.81E-05	0.00E+00
ADULT	TOTALS	1.13E+00	4.85E-02	3.87E-02	4.17E-02	3.96E-02	1.83E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.68E+00	6.24E-03	5.85E-04	3.24E-02	1.26E-02	6.13E+01
INFANT	GROUND	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03
INFANT	CLOUD	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.35E-03	2.68E-03	4.96E-03	4.96E-03	4.38E-03	0.00E+00
INFANT	TOTALS	3.76E+00	8.42E-02	8.08E-02	1.13E-01	9.22E-02	6.14E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.68E+00	4.73E-03	2.73E-04	1.44E-02	5.93E-03	6.13E+01
CHILD	GROUND	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03
CHILD	CLOUD	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02
CHILD	VEG. ING	1.07E-03	4.86E-03	5.73E-03	5.73E-03	4.21E-03	0.00E+00
CHILD	MEAT ING	1.71E-04	7.73E-04	9.11E-04	9.11E-04	6.70E-04	0.00E+00
CHILD	MILK ING	2.17E-04	9.85E-04	1.16E-03	1.16E-03	8.53E-04	0.00E+00
CHILD	TOTALS	3.76E+00	8.66E-02	8.33E-02	9.75E-02	8.69E-02	6.14E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.68E+00	1.17E-02	1.17E-04	6.18E-03	2.97E-03	6.13E+01
TEENAGE	GROUND	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03
TEENAGE	CLOUD	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02
TEENAGE	VEG. ING	1.60E-03	2.36E-02	5.10E-03	5.10E-03	4.22E-03	0.00E+00
TEENAGE	MEAT ING	2.50E-04	3.68E-03	7.96E-04	7.96E-04	6.59E-04	0.00E+00
TEENAGE	MILK ING	2.32E-04	3.42E-03	7.39E-04	7.39E-04	6.11E-04	0.00E+00
TEENAGE	TOTALS	3.76E+00	1.18E-01	8.20E-02	8.81E-02	8.37E-02	6.14E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.68E+00	6.86E-03	9.74E-05	5.15E-03	2.47E-03	6.13E+01
ADULT	GROUND	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03	5.92E-03
ADULT	CLOUD	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02	6.93E-02
ADULT	VEG. ING	9.70E-04	1.12E-02	3.33E-03	3.33E-03	2.71E-03	0.00E+00
ADULT	MEAT ING	1.92E-04	2.22E-03	6.58E-04	6.58E-04	5.36E-04	0.00E+00
ADULT	MILK ING	5.38E-05	6.22E-04	1.85E-04	1.85E-04	1.51E-04	0.00E+00
ADULT	TOTALS	3.76E+00	9.62E-02	7.95E-02	8.46E-02	8.11E-02	6.14E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.95E+00	8.49E-03	7.97E-04	4.41E-02	1.71E-02	4.91E+01
INFANT	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
INFANT	CLOUD	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.83E-03	3.62E-03	6.72E-03	6.72E-03	5.93E-03	0.00E+00
INFANT	TOTALS	3.03E+00	9.06E-02	8.60E-02	1.29E-01	1.02E-01	4.91E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.94E+00	6.44E-03	3.72E-04	1.96E-02	8.06E-03	4.91E+01
CHILD	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
CHILD	CLOUD	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02
CHILD	VEG. ING	1.45E-03	6.59E-03	7.77E-03	7.77E-03	5.71E-03	0.00E+00
CHILD	MEAT ING	2.31E-04	1.05E-03	1.23E-03	1.23E-03	9.06E-04	0.00E+00
CHILD	MILK ING	2.94E-04	1.33E-03	1.57E-03	1.57E-03	1.15E-03	0.00E+00
CHILD	TOTALS	3.03E+00	9.39E-02	8.95E-02	1.09E-01	9.43E-02	4.91E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.94E+00	1.59E-02	1.59E-04	8.40E-03	4.03E-03	4.91E+01
TEENAGE	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
TEENAGE	CLOUD	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02
TEENAGE	VEG. ING	2.17E-03	3.20E-02	6.92E-03	6.92E-03	5.72E-03	0.00E+00
TEENAGE	MEAT ING	3.39E-04	4.98E-03	1.08E-03	1.08E-03	8.92E-04	0.00E+00
TEENAGE	MILK ING	3.14E-04	4.62E-03	1.00E-03	1.00E-03	8.27E-04	0.00E+00
TEENAGE	TOTALS	3.03E+00	1.36E-01	8.77E-02	9.59E-02	9.00E-02	4.91E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.94E+00	9.33E-03	1.33E-04	7.00E-03	3.36E-03	4.91E+01
ADULT	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
ADULT	CLOUD	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02	7.34E-02
ADULT	VEG. ING	1.32E-03	1.52E-02	4.52E-03	4.52E-03	3.68E-03	0.00E+00
ADULT	MEAT ING	2.59E-04	3.00E-03	8.91E-04	8.91E-04	7.26E-04	0.00E+00
ADULT	MILK ING	7.28E-05	8.41E-04	2.50E-04	2.50E-04	2.04E-04	0.00E+00
ADULT	TOTALS	3.02E+00	1.07E-01	8.43E-02	9.12E-02	8.65E-02	4.91E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.90E+00	1.22E-02	1.14E-03	6.31E-02	2.45E-02	8.16E+01
INFANT	GROUND	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03
INFANT	CLOUD	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.63E-03	5.20E-03	9.64E-03	9.64E-03	8.50E-03	0.00E+00
INFANT	TOTALS	5.04E+00	1.53E-01	1.47E-01	2.09E-01	1.69E-01	8.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.90E+00	9.22E-03	5.31E-04	2.80E-02	1.15E-02	8.16E+01
CHILD	GROUND	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03
CHILD	CLOUD	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01
CHILD	VEG. ING	2.09E-03	9.45E-03	1.11E-02	1.11E-02	8.18E-03	0.00E+00
CHILD	MEAT ING	3.32E-04	1.50E-03	1.77E-03	1.77E-03	1.30E-03	0.00E+00
CHILD	MILK ING	4.22E-04	1.91E-03	2.25E-03	2.25E-03	1.66E-03	0.00E+00
CHILD	TOTALS	5.04E+00	1.58E-01	1.52E-01	1.79E-01	1.59E-01	8.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.90E+00	2.27E-02	2.28E-04	1.20E-02	5.77E-03	8.16E+01
TEENAGE	GROUND	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03
TEENAGE	CLOUD	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01
TEENAGE	VEG. ING	3.12E-03	4.58E-02	9.91E-03	9.91E-03	8.20E-03	0.00E+00
TEENAGE	MEAT ING	4.86E-04	7.15E-03	1.55E-03	1.55E-03	1.28E-03	0.00E+00
TEENAGE	MILK ING	4.51E-04	6.64E-03	1.44E-03	1.44E-03	1.19E-03	0.00E+00
TEENAGE	TOTALS	5.04E+00	2.18E-01	1.49E-01	1.61E-01	1.52E-01	8.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.90E+00	1.34E-02	1.90E-04	1.00E-02	4.81E-03	8.16E+01
ADULT	GROUND	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03	8.60E-03
ADULT	CLOUD	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01	1.27E-01
ADULT	VEG. ING	1.89E-03	2.18E-02	6.48E-03	6.48E-03	5.28E-03	0.00E+00
ADULT	MEAT ING	3.72E-04	4.30E-03	1.28E-03	1.28E-03	1.04E-03	0.00E+00
ADULT	MILK ING	1.04E-04	1.21E-03	3.59E-04	3.59E-04	2.92E-04	0.00E+00
ADULT	TOTALS	5.03E+00	1.77E-01	1.44E-01	1.54E-01	1.47E-01	8.17E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.63E+00	1.71E-02	1.60E-03	8.88E-02	3.45E-02	1.10E+02
INFANT	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.72E-03	7.36E-03	1.37E-02	1.37E-02	1.20E-02	0.00E+00
INFANT	TOTALS	6.84E+00	2.36E-01	2.27E-01	3.14E-01	2.58E-01	1.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.63E+00	1.30E-02	7.47E-04	3.95E-02	1.62E-02	1.10E+02
CHILD	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
CHILD	VEG. ING	2.94E-03	1.33E-02	1.57E-02	1.57E-02	1.15E-02	0.00E+00
CHILD	MEAT ING	4.69E-04	2.13E-03	2.51E-03	2.51E-03	1.84E-03	0.00E+00
CHILD	MILK ING	5.98E-04	2.71E-03	3.19E-03	3.19E-03	2.35E-03	0.00E+00
CHILD	TOTALS	6.84E+00	2.43E-01	2.34E-01	2.72E-01	2.43E-01	1.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.63E+00	3.20E-02	3.20E-04	1.69E-02	8.12E-03	1.10E+02
TEENAGE	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
TEENAGE	VEG. ING	4.40E-03	6.47E-02	1.40E-02	1.40E-02	1.16E-02	0.00E+00
TEENAGE	MEAT ING	6.89E-04	1.01E-02	2.19E-03	2.19E-03	1.81E-03	0.00E+00
TEENAGE	MILK ING	6.39E-04	9.40E-03	2.03E-03	2.03E-03	1.68E-03	0.00E+00
TEENAGE	TOTALS	6.84E+00	3.28E-01	2.30E-01	2.47E-01	2.35E-01	1.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.63E+00	1.88E-02	2.67E-04	1.41E-02	6.77E-03	1.10E+02
ADULT	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
ADULT	VEG. ING	2.66E-03	3.08E-02	9.14E-03	9.14E-03	7.45E-03	0.00E+00
ADULT	MEAT ING	5.27E-04	6.09E-03	1.81E-03	1.81E-03	1.47E-03	0.00E+00
ADULT	MILK ING	1.48E-04	1.71E-03	5.08E-04	5.08E-04	4.14E-04	0.00E+00
ADULT	TOTALS	6.84E+00	2.69E-01	2.23E-01	2.37E-01	2.28E-01	1.11E+02

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 7 NAME=ESE PERM BNDRY X= 2.6KM, Y= -1.1KM, Z= 173.7M, DIST= 2.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 7 NAME=ESE PERM BNDRY X= 2.6KM, Y= -1.1KM, Z= 173.7M, DIST= 2.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.70E+00	1.58E-02	1.48E-03	8.22E-02	3.19E-02	6.15E+01
INFANT	GROUND	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03
INFANT	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.42E-03	6.76E-03	1.25E-02	1.25E-02	1.11E-02	0.00E+00
INFANT	TOTALS	3.85E+00	1.78E-01	1.69E-01	2.50E-01	1.98E-01	6.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.69E+00	1.20E-02	6.91E-04	3.65E-02	1.50E-02	6.15E+01
CHILD	GROUND	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03
CHILD	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
CHILD	VEG. ING	2.71E-03	1.23E-02	1.45E-02	1.45E-02	1.06E-02	0.00E+00
CHILD	MEAT ING	4.31E-04	1.95E-03	2.30E-03	2.30E-03	1.69E-03	0.00E+00
CHILD	MILK ING	5.49E-04	2.49E-03	2.93E-03	2.93E-03	2.15E-03	0.00E+00
CHILD	TOTALS	3.85E+00	1.84E-01	1.75E-01	2.11E-01	1.85E-01	6.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.69E+00	2.96E-02	2.96E-04	1.56E-02	7.51E-03	6.15E+01
TEENAGE	GROUND	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03
TEENAGE	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
TEENAGE	VEG. ING	4.06E-03	5.97E-02	1.29E-02	1.29E-02	1.07E-02	0.00E+00
TEENAGE	MEAT ING	6.32E-04	9.30E-03	2.01E-03	2.01E-03	1.66E-03	0.00E+00
TEENAGE	MILK ING	5.87E-04	8.63E-03	1.87E-03	1.87E-03	1.54E-03	0.00E+00
TEENAGE	TOTALS	3.85E+00	2.62E-01	1.72E-01	1.87E-01	1.76E-01	6.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.69E+00	1.74E-02	2.47E-04	1.30E-02	6.26E-03	6.15E+01
ADULT	GROUND	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03	6.75E-03
ADULT	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
ADULT	VEG. ING	2.45E-03	2.84E-02	8.43E-03	8.43E-03	6.87E-03	0.00E+00
ADULT	MEAT ING	4.84E-04	5.60E-03	1.66E-03	1.66E-03	1.35E-03	0.00E+00
ADULT	MILK ING	1.36E-04	1.57E-03	4.67E-04	4.67E-04	3.80E-04	0.00E+00
ADULT	TOTALS	3.85E+00	2.08E-01	1.66E-01	1.79E-01	1.70E-01	6.17E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME=SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME=SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.79E+00	1.53E-02	1.43E-03	7.93E-02	3.08E-02	4.64E+01
INFANT	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
INFANT	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.28E-03	6.49E-03	1.20E-02	1.20E-02	1.06E-02	0.00E+00
INFANT	TOTALS	2.92E+00	1.50E-01	1.41E-01	2.19E-01	1.69E-01	4.65E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.79E+00	1.16E-02	6.68E-04	3.53E-02	1.45E-02	4.64E+01
CHILD	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
CHILD	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
CHILD	VEG. ING	2.61E-03	1.18E-02	1.39E-02	1.39E-02	1.02E-02	0.00E+00
CHILD	MEAT ING	4.14E-04	1.87E-03	2.21E-03	2.21E-03	1.62E-03	0.00E+00
CHILD	MILK ING	5.27E-04	2.39E-03	2.81E-03	2.81E-03	2.07E-03	0.00E+00
CHILD	TOTALS	2.92E+00	1.55E-01	1.47E-01	1.82E-01	1.56E-01	4.65E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.79E+00	2.85E-02	2.86E-04	1.51E-02	7.25E-03	4.64E+01
TEENAGE	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
TEENAGE	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
TEENAGE	VEG. ING	3.91E-03	5.74E-02	1.24E-02	1.24E-02	1.03E-02	0.00E+00
TEENAGE	MEAT ING	6.07E-04	8.93E-03	1.93E-03	1.93E-03	1.60E-03	0.00E+00
TEENAGE	MILK ING	5.63E-04	8.28E-03	1.79E-03	1.79E-03	1.48E-03	0.00E+00
TEENAGE	TOTALS	2.92E+00	2.31E-01	1.44E-01	1.59E-01	1.48E-01	4.65E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.79E+00	1.68E-02	2.39E-04	1.26E-02	6.05E-03	4.64E+01
ADULT	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
ADULT	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
ADULT	VEG. ING	2.36E-03	2.73E-02	8.11E-03	8.11E-03	6.61E-03	0.00E+00
ADULT	MEAT ING	4.65E-04	5.37E-03	1.60E-03	1.60E-03	1.30E-03	0.00E+00
ADULT	MILK ING	1.30E-04	1.51E-03	4.48E-04	4.48E-04	3.65E-04	0.00E+00
ADULT	TOTALS	2.92E+00	1.79E-01	1.38E-01	1.51E-01	1.42E-01	4.65E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 9 NAME=SSE PERM BNDRY X= 1.0KM, Y= -2.3KM, Z= 155.4M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 9 NAME=SSE PERM BNDRY X= 1.0KM, Y= -2.3KM, Z= 155.4M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.01E+00	1.50E-02	1.40E-03	7.79E-02	3.03E-02	8.34E+01
INFANT	GROUND	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03
INFANT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.23E-03	6.39E-03	1.19E-02	1.19E-02	1.05E-02	0.00E+00
INFANT	TOTALS	5.19E+00	1.96E-01	1.88E-01	2.65E-01	2.16E-01	8.36E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.01E+00	1.14E-02	6.55E-04	3.46E-02	1.43E-02	8.34E+01
CHILD	GROUND	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	2.57E-03	1.16E-02	1.37E-02	1.37E-02	1.01E-02	0.00E+00
CHILD	MEAT ING	4.08E-04	1.85E-03	2.18E-03	2.18E-03	1.60E-03	0.00E+00
CHILD	MILK ING	5.19E-04	2.35E-03	2.77E-03	2.77E-03	2.04E-03	0.00E+00
CHILD	TOTALS	5.19E+00	2.02E-01	1.94E-01	2.28E-01	2.03E-01	8.36E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.01E+00	2.80E-02	2.81E-04	1.48E-02	7.13E-03	8.34E+01
TEENAGE	GROUND	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	3.84E-03	5.65E-02	1.22E-02	1.22E-02	1.01E-02	0.00E+00
TEENAGE	MEAT ING	5.98E-04	8.79E-03	1.90E-03	1.90E-03	1.57E-03	0.00E+00
TEENAGE	MILK ING	5.55E-04	8.16E-03	1.76E-03	1.76E-03	1.46E-03	0.00E+00
TEENAGE	TOTALS	5.19E+00	2.76E-01	1.91E-01	2.06E-01	1.95E-01	8.36E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.01E+00	1.65E-02	2.34E-04	1.24E-02	5.94E-03	8.34E+01
ADULT	GROUND	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03	8.99E-03
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	2.32E-03	2.69E-02	7.98E-03	7.98E-03	6.50E-03	0.00E+00
ADULT	MEAT ING	4.58E-04	5.29E-03	1.57E-03	1.57E-03	1.28E-03	0.00E+00
ADULT	MILK ING	1.28E-04	1.48E-03	4.41E-04	4.41E-04	3.59E-04	0.00E+00
ADULT	TOTALS	5.18E+00	2.25E-01	1.85E-01	1.97E-01	1.89E-01	8.36E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 10 NAME=S PERM BNDRY X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 10 NAME=S PERM BNDRY X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.25E+00	1.16E-02	1.08E-03	6.03E-02	2.34E-02	8.75E+01
INFANT	GROUND	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03
INFANT	CLOUD	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.48E-03	4.92E-03	9.12E-03	9.12E-03	8.04E-03	0.00E+00
INFANT	TOTALS	5.40E+00	1.65E-01	1.59E-01	2.18E-01	1.80E-01	8.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.25E+00	8.81E-03	5.06E-04	2.68E-02	1.10E-02	8.75E+01
CHILD	GROUND	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03
CHILD	CLOUD	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
CHILD	VEG. ING	1.98E-03	8.98E-03	1.06E-02	1.06E-02	7.78E-03	0.00E+00
CHILD	MEAT ING	3.14E-04	1.42E-03	1.67E-03	1.67E-03	1.23E-03	0.00E+00
CHILD	MILK ING	3.99E-04	1.81E-03	2.13E-03	2.13E-03	1.57E-03	0.00E+00
CHILD	TOTALS	5.40E+00	1.70E-01	1.64E-01	1.90E-01	1.70E-01	8.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.25E+00	2.17E-02	2.17E-04	1.15E-02	5.52E-03	8.75E+01
TEENAGE	GROUND	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03
TEENAGE	CLOUD	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
TEENAGE	VEG. ING	2.96E-03	4.36E-02	9.43E-03	9.43E-03	7.80E-03	0.00E+00
TEENAGE	MEAT ING	4.60E-04	6.76E-03	1.46E-03	1.46E-03	1.21E-03	0.00E+00
TEENAGE	MILK ING	4.27E-04	6.28E-03	1.36E-03	1.36E-03	1.12E-03	0.00E+00
TEENAGE	TOTALS	5.40E+00	2.27E-01	1.61E-01	1.72E-01	1.64E-01	8.76E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.25E+00	1.28E-02	1.81E-04	9.57E-03	4.60E-03	8.75E+01
ADULT	GROUND	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03	9.08E-03
ADULT	CLOUD	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01	1.40E-01
ADULT	VEG. ING	1.79E-03	2.07E-02	6.16E-03	6.16E-03	5.02E-03	0.00E+00
ADULT	MEAT ING	3.52E-04	4.07E-03	1.21E-03	1.21E-03	9.85E-04	0.00E+00
ADULT	MILK ING	9.88E-05	1.14E-03	3.39E-04	3.39E-04	2.76E-04	0.00E+00
ADULT	TOTALS	5.40E+00	1.87E-01	1.57E-01	1.66E-01	1.60E-01	8.76E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 11 NAME=SSW PERM BNDRY X= -1.1KM, Y= -2.7KM, Z= 173.7M, DIST= 2.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 11 NAME=SSW PERM BNDRY X= -1.1KM, Y= -2.7KM, Z= 173.7M, DIST= 2.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.98E+00	1.31E-02	1.22E-03	6.81E-02	2.65E-02	9.96E+01
INFANT	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
INFANT	CLOUD	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.81E-03	5.57E-03	1.03E-02	1.03E-02	9.10E-03	0.00E+00
INFANT	TOTALS	6.16E+00	2.00E-01	1.93E-01	2.60E-01	2.17E-01	9.97E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.98E+00	9.94E-03	5.71E-04	3.03E-02	1.25E-02	9.96E+01
CHILD	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
CHILD	CLOUD	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
CHILD	VEG. ING	2.24E-03	1.02E-02	1.20E-02	1.20E-02	8.79E-03	0.00E+00
CHILD	MEAT ING	3.55E-04	1.61E-03	1.89E-03	1.89E-03	1.39E-03	0.00E+00
CHILD	MILK ING	4.52E-04	2.05E-03	2.41E-03	2.41E-03	1.77E-03	0.00E+00
CHILD	TOTALS	6.16E+00	2.05E-01	1.98E-01	2.28E-01	2.06E-01	9.97E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.98E+00	2.45E-02	2.45E-04	1.30E-02	6.23E-03	9.96E+01
TEENAGE	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
TEENAGE	CLOUD	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
TEENAGE	VEG. ING	3.35E-03	4.93E-02	1.07E-02	1.07E-02	8.82E-03	0.00E+00
TEENAGE	MEAT ING	5.20E-04	7.65E-03	1.65E-03	1.65E-03	1.37E-03	0.00E+00
TEENAGE	MILK ING	4.83E-04	7.10E-03	1.54E-03	1.54E-03	1.27E-03	0.00E+00
TEENAGE	TOTALS	6.16E+00	2.70E-01	1.95E-01	2.08E-01	1.99E-01	9.97E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.98E+00	1.44E-02	2.04E-04	1.08E-02	5.19E-03	9.96E+01
ADULT	GROUND	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02	1.05E-02
ADULT	CLOUD	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01	1.71E-01
ADULT	VEG. ING	2.03E-03	2.34E-02	6.96E-03	6.96E-03	5.67E-03	0.00E+00
ADULT	MEAT ING	3.98E-04	4.60E-03	1.37E-03	1.37E-03	1.11E-03	0.00E+00
ADULT	MILK ING	1.12E-04	1.29E-03	3.84E-04	3.84E-04	3.13E-04	0.00E+00
ADULT	TOTALS	6.16E+00	2.25E-01	1.90E-01	2.01E-01	1.93E-01	9.97E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 12 NAME=SW PERM BNDRY X= -5.6KM, Y= -5.6KM, Z= 182.9M, DIST= 7.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 12 NAME=SW PERM BNDRY X= -5.6KM, Y= -5.6KM, Z= 182.9M, DIST= 7.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.60E+00	8.24E-03	7.71E-04	4.28E-02	1.66E-02	7.66E+01
INFANT	GROUND	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03
INFANT	CLOUD	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.80E-03	3.56E-03	6.60E-03	6.60E-03	5.82E-03	0.00E+00
INFANT	TOTALS	4.71E+00	1.20E-01	1.16E-01	1.58E-01	1.31E-01	7.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.60E+00	6.24E-03	3.60E-04	1.90E-02	7.82E-03	7.66E+01
CHILD	GROUND	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03
CHILD	CLOUD	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
CHILD	VEG. ING	1.42E-03	6.43E-03	7.58E-03	7.58E-03	5.57E-03	0.00E+00
CHILD	MEAT ING	2.27E-04	1.03E-03	1.21E-03	1.21E-03	8.90E-04	0.00E+00
CHILD	MILK ING	2.89E-04	1.31E-03	1.54E-03	1.54E-03	1.13E-03	0.00E+00
CHILD	TOTALS	4.71E+00	1.24E-01	1.19E-01	1.38E-01	1.24E-01	7.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.60E+00	1.54E-02	1.54E-04	8.15E-03	3.91E-03	7.66E+01
TEENAGE	GROUND	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03
TEENAGE	CLOUD	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
TEENAGE	VEG. ING	2.12E-03	3.12E-02	6.75E-03	6.75E-03	5.58E-03	0.00E+00
TEENAGE	MEAT ING	3.33E-04	4.89E-03	1.06E-03	1.06E-03	8.76E-04	0.00E+00
TEENAGE	MILK ING	3.09E-04	4.54E-03	9.82E-04	9.82E-04	8.13E-04	0.00E+00
TEENAGE	TOTALS	4.71E+00	1.65E-01	1.18E-01	1.26E-01	1.20E-01	7.67E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.60E+00	9.05E-03	1.28E-04	6.79E-03	3.26E-03	7.66E+01
ADULT	GROUND	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03	7.71E-03
ADULT	CLOUD	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
ADULT	VEG. ING	1.28E-03	1.48E-02	4.41E-03	4.41E-03	3.59E-03	0.00E+00
ADULT	MEAT ING	2.55E-04	2.94E-03	8.75E-04	8.75E-04	7.13E-04	0.00E+00
ADULT	MILK ING	7.15E-05	8.26E-04	2.46E-04	2.46E-04	2.00E-04	0.00E+00
ADULT	TOTALS	4.71E+00	1.36E-01	1.14E-01	1.21E-01	1.16E-01	7.67E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.42E+00	3.57E-03	3.33E-04	1.86E-02	7.21E-03	4.03E+01
INFANT	GROUND	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03
INFANT	CLOUD	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	7.60E-04	1.51E-03	2.79E-03	2.79E-03	2.46E-03	0.00E+00
INFANT	TOTALS	2.48E+00	6.25E-02	6.05E-02	7.87E-02	6.71E-02	4.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.42E+00	2.71E-03	1.55E-04	8.25E-03	3.39E-03	4.03E+01
CHILD	GROUND	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03
CHILD	CLOUD	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02
CHILD	VEG. ING	6.09E-04	2.76E-03	3.25E-03	3.25E-03	2.39E-03	0.00E+00
CHILD	MEAT ING	9.60E-05	4.35E-04	5.12E-04	5.12E-04	3.76E-04	0.00E+00
CHILD	MILK ING	1.22E-04	5.54E-04	6.53E-04	6.53E-04	4.79E-04	0.00E+00
CHILD	TOTALS	2.47E+00	6.39E-02	6.20E-02	7.01E-02	6.40E-02	4.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.42E+00	6.68E-03	6.66E-05	3.53E-03	1.70E-03	4.03E+01
TEENAGE	GROUND	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03
TEENAGE	CLOUD	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02
TEENAGE	VEG. ING	9.10E-04	1.34E-02	2.89E-03	2.89E-03	2.39E-03	0.00E+00
TEENAGE	MEAT ING	1.41E-04	2.07E-03	4.48E-04	4.48E-04	3.70E-04	0.00E+00
TEENAGE	MILK ING	1.31E-04	1.92E-03	4.15E-04	4.15E-04	3.44E-04	0.00E+00
TEENAGE	TOTALS	2.47E+00	8.14E-02	6.12E-02	6.47E-02	6.22E-02	4.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.42E+00	3.93E-03	5.55E-05	2.95E-03	1.41E-03	4.03E+01
ADULT	GROUND	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03	4.23E-03
ADULT	CLOUD	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02	5.32E-02
ADULT	VEG. ING	5.50E-04	6.36E-03	1.89E-03	1.89E-03	1.54E-03	0.00E+00
ADULT	MEAT ING	1.08E-04	1.25E-03	3.70E-04	3.70E-04	3.02E-04	0.00E+00
ADULT	MILK ING	3.02E-05	3.49E-04	1.04E-04	1.04E-04	8.46E-05	0.00E+00
ADULT	TOTALS	2.47E+00	6.93E-02	5.98E-02	6.27E-02	6.07E-02	4.03E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 14 NAME=W PERM BNDRY X= -1.0KM, Y= 0.0KM, Z= 6.1M, DIST= 1.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 14 NAME=W PERM BNDRY X= -1.0KM, Y= 0.0KM, Z= 6.1M, DIST= 1.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.89E+00	4.13E-03	3.86E-04	2.15E-02	8.34E-03	1.48E+02
INFANT	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
INFANT	CLOUD	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.78E-04	1.74E-03	3.22E-03	3.22E-03	2.84E-03	0.00E+00
INFANT	TOTALS	8.99E+00	1.05E-01	1.03E-01	1.24E-01	1.10E-01	1.48E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.89E+00	3.13E-03	1.80E-04	9.54E-03	3.92E-03	1.48E+02
CHILD	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
CHILD	CLOUD	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02
CHILD	VEG. ING	7.03E-04	3.19E-03	3.75E-03	3.75E-03	2.76E-03	0.00E+00
CHILD	MEAT ING	1.11E-04	5.02E-04	5.92E-04	5.92E-04	4.35E-04	0.00E+00
CHILD	MILK ING	1.41E-04	6.40E-04	7.54E-04	7.54E-04	5.54E-04	0.00E+00
CHILD	TOTALS	8.99E+00	1.06E-01	1.04E-01	1.14E-01	1.07E-01	1.48E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.89E+00	7.72E-03	7.72E-05	4.09E-03	1.96E-03	1.48E+02
TEENAGE	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
TEENAGE	CLOUD	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02
TEENAGE	VEG. ING	1.05E-03	1.55E-02	3.34E-03	3.34E-03	2.77E-03	0.00E+00
TEENAGE	MEAT ING	1.63E-04	2.39E-03	5.17E-04	5.17E-04	4.28E-04	0.00E+00
TEENAGE	MILK ING	1.51E-04	2.22E-03	4.80E-04	4.80E-04	3.97E-04	0.00E+00
TEENAGE	TOTALS	8.99E+00	1.27E-01	1.03E-01	1.07E-01	1.05E-01	1.48E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.89E+00	4.54E-03	6.43E-05	3.41E-03	1.64E-03	1.48E+02
ADULT	GROUND	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02	1.27E-02
ADULT	CLOUD	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02	8.62E-02
ADULT	VEG. ING	6.36E-04	7.35E-03	2.19E-03	2.19E-03	1.78E-03	0.00E+00
ADULT	MEAT ING	1.25E-04	1.44E-03	4.28E-04	4.28E-04	3.48E-04	0.00E+00
ADULT	MILK ING	3.49E-05	4.04E-04	1.20E-04	1.20E-04	9.77E-05	0.00E+00
ADULT	TOTALS	8.99E+00	1.13E-01	1.02E-01	1.05E-01	1.03E-01	1.48E+02

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 15 NAME=WNW PERM BNDRY X= -1.0KM, Y= 0.4KM, Z= -9.1M, DIST= 1.1KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 15 NAME=WNW PERM BNDRY X= -1.0KM, Y= 0.4KM, Z= -9.1M, DIST= 1.1KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.17E+00	2.58E-03	2.42E-04	1.34E-02	5.22E-03	3.61E+01
INFANT	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
INFANT	CLOUD	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.44E-04	1.08E-03	2.00E-03	2.00E-03	1.76E-03	0.00E+00
INFANT	TOTALS	2.20E+00	3.97E-02	3.83E-02	5.15E-02	4.30E-02	3.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.17E+00	1.96E-03	1.13E-04	5.97E-03	2.46E-03	3.61E+01
CHILD	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
CHILD	CLOUD	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02
CHILD	VEG. ING	4.38E-04	1.98E-03	2.34E-03	2.34E-03	1.72E-03	0.00E+00
CHILD	MEAT ING	6.86E-05	3.11E-04	3.66E-04	3.66E-04	2.69E-04	0.00E+00
CHILD	MILK ING	8.74E-05	3.96E-04	4.67E-04	4.67E-04	3.43E-04	0.00E+00
CHILD	TOTALS	2.20E+00	4.07E-02	3.93E-02	4.52E-02	4.08E-02	3.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.17E+00	4.83E-03	4.84E-05	2.56E-03	1.23E-03	3.61E+01
TEENAGE	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
TEENAGE	CLOUD	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02
TEENAGE	VEG. ING	6.55E-04	9.63E-03	2.08E-03	2.08E-03	1.72E-03	0.00E+00
TEENAGE	MEAT ING	1.01E-04	1.48E-03	3.20E-04	3.20E-04	2.65E-04	0.00E+00
TEENAGE	MILK ING	9.34E-05	1.37E-03	2.97E-04	2.97E-04	2.46E-04	0.00E+00
TEENAGE	TOTALS	2.20E+00	5.34E-02	3.88E-02	4.13E-02	3.95E-02	3.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.17E+00	2.84E-03	4.03E-05	2.13E-03	1.02E-03	3.61E+01
ADULT	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
ADULT	CLOUD	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02	3.26E-02
ADULT	VEG. ING	3.96E-04	4.58E-03	1.36E-03	1.36E-03	1.11E-03	0.00E+00
ADULT	MEAT ING	7.71E-05	8.91E-04	2.65E-04	2.65E-04	2.16E-04	0.00E+00
ADULT	MILK ING	2.16E-05	2.50E-04	7.43E-05	7.43E-05	6.05E-05	0.00E+00
ADULT	TOTALS	2.20E+00	4.46E-02	3.78E-02	3.99E-02	3.85E-02	3.62E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 16 NAME=NW PERM BNDRY X= -0.9KM, Y= 0.9KM, Z= -21.3M, DIST= 1.2KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 16 NAME=NW PERM BNDRY X= -0.9KM, Y= 0.9KM, Z= -21.3M, DIST= 1.2KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.53E+00	2.29E-03	2.14E-04	1.19E-02	4.62E-03	2.54E+01
INFANT	GROUND	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
INFANT	CLOUD	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.83E-04	9.57E-04	1.77E-03	1.77E-03	1.56E-03	0.00E+00
INFANT	TOTALS	1.56E+00	3.80E-02	3.67E-02	4.84E-02	4.09E-02	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.53E+00	1.73E-03	9.99E-05	5.28E-03	2.17E-03	2.54E+01
CHILD	GROUND	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
CHILD	CLOUD	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02
CHILD	VEG. ING	3.88E-04	1.76E-03	2.07E-03	2.07E-03	1.52E-03	0.00E+00
CHILD	MEAT ING	6.10E-05	2.76E-04	3.26E-04	3.26E-04	2.39E-04	0.00E+00
CHILD	MILK ING	7.77E-05	3.52E-04	4.15E-04	4.15E-04	3.05E-04	0.00E+00
CHILD	TOTALS	1.56E+00	3.88E-02	3.76E-02	4.28E-02	3.89E-02	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.53E+00	4.27E-03	4.28E-05	2.26E-03	1.09E-03	2.54E+01
TEENAGE	GROUND	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
TEENAGE	CLOUD	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02
TEENAGE	VEG. ING	5.81E-04	8.54E-03	1.85E-03	1.85E-03	1.53E-03	0.00E+00
TEENAGE	MEAT ING	8.95E-05	1.32E-03	2.84E-04	2.84E-04	2.35E-04	0.00E+00
TEENAGE	MILK ING	8.30E-05	1.22E-03	2.64E-04	2.64E-04	2.18E-04	0.00E+00
TEENAGE	TOTALS	1.56E+00	5.01E-02	3.71E-02	3.94E-02	3.78E-02	2.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.53E+00	2.51E-03	3.57E-05	1.89E-03	9.05E-04	2.54E+01
ADULT	GROUND	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
ADULT	CLOUD	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02	3.21E-02
ADULT	VEG. ING	3.51E-04	4.06E-03	1.21E-03	1.21E-03	9.83E-04	0.00E+00
ADULT	MEAT ING	6.85E-05	7.91E-04	2.35E-04	2.35E-04	1.92E-04	0.00E+00
ADULT	MILK ING	1.92E-05	2.22E-04	6.60E-05	6.60E-05	5.38E-05	0.00E+00
ADULT	TOTALS	1.56E+00	4.23E-02	3.63E-02	3.81E-02	3.68E-02	2.55E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 17 NAME=NNW PERM BNDRY X= -0.6KM, Y= 1.5KM, Z= -30.5M, DIST= 1.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 17 NAME=NNW PERM BNDRY X= -0.6KM, Y= 1.5KM, Z= -30.5M, DIST= 1.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.12E+00	2.22E-03	2.08E-04	1.15E-02	4.48E-03	1.87E+01
INFANT	GROUND	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03
INFANT	CLOUD	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.72E-04	9.34E-04	1.73E-03	1.73E-03	1.53E-03	0.00E+00
INFANT	TOTALS	1.15E+00	3.38E-02	3.26E-02	4.39E-02	3.67E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+00	1.68E-03	9.70E-05	5.12E-03	2.11E-03	1.87E+01
CHILD	GROUND	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03
CHILD	CLOUD	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02
CHILD	VEG. ING	3.78E-04	1.71E-03	2.02E-03	2.02E-03	1.48E-03	0.00E+00
CHILD	MEAT ING	5.95E-05	2.70E-04	3.18E-04	3.18E-04	2.33E-04	0.00E+00
CHILD	MILK ING	7.58E-05	3.44E-04	4.05E-04	4.05E-04	2.97E-04	0.00E+00
CHILD	TOTALS	1.15E+00	3.47E-02	3.35E-02	3.85E-02	3.48E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+00	4.15E-03	4.16E-05	2.20E-03	1.05E-03	1.87E+01
TEENAGE	GROUND	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03
TEENAGE	CLOUD	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02
TEENAGE	VEG. ING	5.65E-04	8.31E-03	1.80E-03	1.80E-03	1.49E-03	0.00E+00
TEENAGE	MEAT ING	8.73E-05	1.28E-03	2.78E-04	2.78E-04	2.30E-04	0.00E+00
TEENAGE	MILK ING	8.10E-05	1.19E-03	2.58E-04	2.58E-04	2.13E-04	0.00E+00
TEENAGE	TOTALS	1.15E+00	4.56E-02	3.31E-02	3.52E-02	3.37E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.12E+00	2.44E-03	3.46E-05	1.83E-03	8.79E-04	1.87E+01
ADULT	GROUND	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03	1.97E-03
ADULT	CLOUD	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02	2.87E-02
ADULT	VEG. ING	3.42E-04	3.95E-03	1.17E-03	1.17E-03	9.56E-04	0.00E+00
ADULT	MEAT ING	6.69E-05	7.73E-04	2.30E-04	2.30E-04	1.87E-04	0.00E+00
ADULT	MILK ING	1.88E-05	2.17E-04	6.44E-05	6.44E-05	5.25E-05	0.00E+00
ADULT	TOTALS	1.15E+00	3.81E-02	3.22E-02	3.40E-02	3.28E-02	1.87E+01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 18 NAME=NEAREST RES & DWND X= 13.3KM, Y= 12.7KM, Z=-115.8M, DIST= 18.4KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 18 NAME=NEAREST RES & DWND X= 13.3KM, Y= 12.7KM, Z=-115.8M, DIST= 18.4KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.13E-01	1.62E-03	1.56E-04	8.43E-03	3.28E-03	1.88E+00
INFANT	GROUND	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04
INFANT	CLOUD	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.50E-04	6.93E-04	1.28E-03	1.28E-03	1.13E-03	0.00E+00
INFANT	TOTALS	1.22E-01	1.08E-02	9.90E-03	1.82E-02	1.29E-02	1.89E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.13E-01	1.23E-03	7.26E-05	3.75E-03	1.54E-03	1.88E+00
CHILD	GROUND	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04
CHILD	CLOUD	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03
CHILD	VEG. ING	2.78E-04	1.26E-03	1.49E-03	1.49E-03	1.09E-03	0.00E+00
CHILD	MEAT ING	4.42E-05	2.00E-04	2.36E-04	2.36E-04	1.73E-04	0.00E+00
CHILD	MILK ING	5.63E-05	2.55E-04	3.00E-04	3.00E-04	2.21E-04	0.00E+00
CHILD	TOTALS	1.22E-01	1.14E-02	1.06E-02	1.42E-02	1.15E-02	1.89E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.13E-01	3.03E-03	3.11E-05	1.61E-03	7.71E-04	1.88E+00
TEENAGE	GROUND	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04
TEENAGE	CLOUD	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03
TEENAGE	VEG. ING	4.16E-04	6.12E-03	1.32E-03	1.32E-03	1.09E-03	0.00E+00
TEENAGE	MEAT ING	6.48E-05	9.53E-04	2.06E-04	2.06E-04	1.70E-04	0.00E+00
TEENAGE	MILK ING	6.01E-05	8.84E-04	1.91E-04	1.91E-04	1.58E-04	0.00E+00
TEENAGE	TOTALS	1.22E-01	1.94E-02	1.02E-02	1.18E-02	1.07E-02	1.89E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.13E-01	1.78E-03	2.59E-05	1.34E-03	6.43E-04	1.88E+00
ADULT	GROUND	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04	2.15E-04
ADULT	CLOUD	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03	8.25E-03
ADULT	VEG. ING	2.52E-04	2.91E-03	8.64E-04	8.64E-04	7.04E-04	0.00E+00
ADULT	MEAT ING	4.96E-05	5.73E-04	1.70E-04	1.70E-04	1.39E-04	0.00E+00
ADULT	MILK ING	1.39E-05	1.61E-04	4.78E-05	4.78E-05	3.89E-05	0.00E+00
ADULT	TOTALS	1.22E-01	1.39E-02	9.57E-03	1.09E-02	9.99E-03	1.89E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.27E-02	6.47E-04	6.27E-05	3.36E-03	1.31E-03	3.76E-01
INFANT	GROUND	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05
INFANT	CLOUD	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.40E-04	2.78E-04	5.15E-04	5.15E-04	4.54E-04	0.00E+00
INFANT	TOTALS	2.54E-02	3.48E-03	3.13E-03	6.43E-03	4.31E-03	3.78E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.26E-02	4.91E-04	2.92E-05	1.49E-03	6.15E-04	3.76E-01
CHILD	GROUND	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05
CHILD	CLOUD	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03
CHILD	VEG. ING	1.11E-04	5.04E-04	5.94E-04	5.94E-04	4.36E-04	0.00E+00
CHILD	MEAT ING	1.77E-05	8.02E-05	9.46E-05	9.46E-05	6.95E-05	0.00E+00
CHILD	MILK ING	2.26E-05	1.02E-04	1.20E-04	1.20E-04	8.85E-05	0.00E+00
CHILD	TOTALS	2.54E-02	3.73E-03	3.39E-03	4.86E-03	3.76E-03	3.78E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.26E-02	1.21E-03	1.25E-05	6.40E-04	3.07E-04	3.76E-01
TEENAGE	GROUND	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05
TEENAGE	CLOUD	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03
TEENAGE	VEG. ING	1.66E-04	2.44E-03	5.29E-04	5.29E-04	4.37E-04	0.00E+00
TEENAGE	MEAT ING	2.60E-05	3.82E-04	8.26E-05	8.26E-05	6.84E-05	0.00E+00
TEENAGE	MILK ING	2.41E-05	3.55E-04	7.67E-05	7.67E-05	6.34E-05	0.00E+00
TEENAGE	TOTALS	2.54E-02	6.94E-03	3.25E-03	3.88E-03	3.43E-03	3.78E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.26E-02	7.11E-04	1.04E-05	5.33E-04	2.56E-04	3.76E-01
ADULT	GROUND	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05	4.35E-05
ADULT	CLOUD	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03	2.51E-03
ADULT	VEG. ING	1.01E-04	1.16E-03	3.45E-04	3.45E-04	2.81E-04	0.00E+00
ADULT	MEAT ING	1.99E-05	2.30E-04	6.83E-05	6.83E-05	5.56E-05	0.00E+00
ADULT	MILK ING	5.58E-06	6.45E-05	1.92E-05	1.92E-05	1.56E-05	0.00E+00
ADULT	TOTALS	2.53E-02	4.72E-03	3.00E-03	3.52E-03	3.16E-03	3.78E-01

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 20 NAME=JEFFERY CITY X= -24.8KM, Y= -32.5KM, Z=-131.0M, DIST= 40.9KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 3, After 6.00 Years DURATION IN YRS IS... 2.0

NUMBER 20 NAME=JEFFERY CITY X= -24.8KM, Y= -32.5KM, Z=-131.0M, DIST= 40.9KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.10E-02	2.83E-03	2.81E-04	1.47E-02	5.72E-03	5.02E-01
INFANT	GROUND	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05
INFANT	CLOUD	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	6.14E-04	1.22E-03	2.25E-03	2.25E-03	1.99E-03	0.00E+00
INFANT	TOTALS	3.57E-02	8.10E-03	6.58E-03	2.10E-02	1.18E-02	5.06E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.06E-02	2.15E-03	1.31E-04	6.54E-03	2.69E-03	5.02E-01
CHILD	GROUND	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05
CHILD	CLOUD	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03
CHILD	VEG. ING	4.87E-04	2.21E-03	2.60E-03	2.60E-03	1.91E-03	0.00E+00
CHILD	MEAT ING	7.75E-05	3.51E-04	4.14E-04	4.14E-04	3.04E-04	0.00E+00
CHILD	MILK ING	9.87E-05	4.47E-04	5.27E-04	5.27E-04	3.87E-04	0.00E+00
CHILD	TOTALS	3.53E-02	9.20E-03	7.72E-03	1.41E-02	9.34E-03	5.06E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.06E-02	5.29E-03	5.62E-05	2.80E-03	1.35E-03	5.02E-01
TEENAGE	GROUND	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05
TEENAGE	CLOUD	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03
TEENAGE	VEG. ING	7.28E-04	1.07E-02	2.31E-03	2.31E-03	1.91E-03	0.00E+00
TEENAGE	MEAT ING	1.14E-04	1.67E-03	3.61E-04	3.61E-04	2.99E-04	0.00E+00
TEENAGE	MILK ING	1.05E-04	1.55E-03	3.35E-04	3.35E-04	2.78E-04	0.00E+00
TEENAGE	TOTALS	3.55E-02	2.33E-02	7.11E-03	9.86E-03	7.88E-03	5.06E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.05E-02	3.11E-03	4.68E-05	2.34E-03	1.12E-03	5.02E-01
ADULT	GROUND	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05	6.10E-05
ADULT	CLOUD	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03	3.99E-03
ADULT	VEG. ING	4.40E-04	5.09E-03	1.51E-03	1.51E-03	1.23E-03	0.00E+00
ADULT	MEAT ING	8.70E-05	1.01E-03	2.99E-04	2.99E-04	2.43E-04	0.00E+00
ADULT	MILK ING	2.44E-05	2.82E-04	8.39E-05	8.39E-05	6.83E-05	0.00E+00
ADULT	TOTALS	3.51E-02	1.35E-02	5.99E-03	8.28E-03	6.71E-03	5.06E-01

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.639E+01	2.389E+01	8.234E+00	3.473E+00	5.262E-06	7.931E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.487E+01	1.437E+01	6.555E+00	3.430E+00	6.979E-06	6.083E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.033E+01	1.017E+01	5.351E+00	3.107E+00	8.354E-06	4.919E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.858E+00	7.793E+00	4.488E+00	2.767E+00	9.274E-06	4.110E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.587E+00	4.578E+00	3.116E+00	2.144E+00	1.111E-05	2.851E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.848E+00	1.849E+00	1.537E+00	1.241E+00	1.098E-05	1.433E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.425E-01	8.430E-01	7.803E-01	7.026E-01	9.794E-06	7.445E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.950E-01	4.953E-01	4.783E-01	4.527E-01	8.899E-06	4.624E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.320E-01	3.322E-01	3.271E-01	3.176E-01	8.211E-06	3.185E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.417E-01	2.419E-01	2.404E-01	2.367E-01	7.670E-06	2.351E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.856E-01	1.857E-01	1.856E-01	1.841E-01	7.225E-06	1.819E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.481E-01	1.482E-01	1.484E-01	1.480E-01	6.851E-06	1.457E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.892E+01	1.892E+01	1.892E+01	2.610E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.138E+01	1.138E+01	1.138E+01	3.372E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.055E+00	8.055E+00	8.055E+00	4.100E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.173E+00	6.173E+00	6.173E+00	4.671E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.626E+00	3.626E+00	3.626E+00	5.539E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.464E+00	1.464E+00	1.464E+00	5.540E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.677E-01	6.677E-01	6.677E-01	5.003E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.923E-01	3.923E-01	3.923E-01	4.576E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.631E-01	2.631E-01	2.631E-01	4.245E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E-01	1.916E-01	1.916E-01	3.980E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.471E-01	1.471E-01	1.471E-01	3.760E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.174E-01	1.174E-01	1.174E-01	3.573E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.579E-08
2.5	0.000E+00	0.000E+00	0.000E+00	2.094E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.506E-08
4.5	0.000E+00	0.000E+00	0.000E+00	2.782E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.334E-08
15.0	0.000E+00	0.000E+00	0.000E+00	3.293E-08
25.0	0.000E+00	0.000E+00	0.000E+00	2.938E-08
35.0	0.000E+00	0.000E+00	0.000E+00	2.670E-08
45.0	0.000E+00	0.000E+00	0.000E+00	2.463E-08
55.0	0.000E+00	0.000E+00	0.000E+00	2.301E-08
65.0	0.000E+00	0.000E+00	0.000E+00	2.168E-08
75.0	0.000E+00	0.000E+00	0.000E+00	2.055E-08

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.081E+02	1.669E+02	4.260E+01	1.484E+01	1.493E-05	4.432E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.171E+02	1.016E+02	3.358E+01	1.512E+01	2.308E-05	3.312E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.867E+01	7.344E+01	2.972E+01	1.527E+01	3.117E-05	2.833E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.720E+01	5.526E+01	2.628E+01	1.480E+01	3.851E-05	2.453E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.857E+01	2.844E+01	1.830E+01	1.212E+01	5.243E-05	1.673E-04
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.149E+01	9.741E+00	7.922E+00	6.378E-05	9.078E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.853E+00	5.856E+00	5.531E+00	5.065E+00	6.616E-05	5.296E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.739E+00	3.742E+00	3.661E+00	3.516E+00	6.521E-05	3.553E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.669E+00	2.670E+00	2.650E+00	2.600E+00	6.335E-05	2.588E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.035E+00	2.037E+00	2.034E+00	2.017E+00	6.132E-05	1.993E-05
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.621E+00	1.622E+00	1.625E+00	1.620E+00	5.930E-05	1.595E-05
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.332E+00	1.333E+00	1.337E+00	1.337E+00	5.738E-05	1.314E-05

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.322E+02	1.322E+02	1.322E+02	8.586E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.044E+01	8.044E+01	8.044E+01	1.322E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.817E+01	5.817E+01	5.817E+01	1.705E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.377E+01	4.377E+01	4.377E+01	2.030E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.253E+01	2.253E+01	2.253E+01	2.634E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.104E+00	9.104E+00	9.104E+00	3.158E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.638E+00	4.638E+00	4.638E+00	3.304E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.963E+00	2.963E+00	2.963E+00	3.286E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.115E+00	2.115E+00	2.115E+00	3.218E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.613E+00	1.613E+00	1.613E+00	3.136E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.285E+00	1.285E+00	1.285E+00	3.050E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.056E+00	1.056E+00	1.056E+00	2.967E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	4.478E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.924E-08
3.5	0.000E+00	0.000E+00	0.000E+00	9.351E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.155E-07
7.5	0.000E+00	0.000E+00	0.000E+00	1.573E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.913E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.985E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.956E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.901E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.840E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.779E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.722E-07

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.037E+01	6.906E+01	2.012E+01	7.580E+00	9.738E-06	2.014E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.972E+01	4.645E+01	1.816E+01	8.798E+00	1.545E-05	1.727E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.949E+01	3.810E+01	1.761E+01	9.607E+00	2.098E-05	1.643E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.770E+01	2.718E+01	1.427E+01	8.417E+00	2.202E-05	1.317E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.179E+01	1.175E+01	7.899E+00	5.374E+00	2.230E-05	7.220E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.024E+00	5.026E+00	4.352E+00	3.613E+00	2.874E-05	4.072E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.339E+00	2.341E+00	2.235E+00	2.076E+00	2.779E-05	2.148E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.397E+00	1.398E+00	1.376E+00	1.333E+00	2.585E-05	1.339E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.551E-01	9.557E-01	9.513E-01	9.381E-01	2.419E-05	9.307E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.070E-01	7.074E-01	7.077E-01	7.037E-01	2.282E-05	6.941E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.509E-01	5.512E-01	5.527E-01	5.519E-01	2.166E-05	5.429E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.449E-01	4.452E-01	4.469E-01	4.473E-01	2.065E-05	4.393E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.470E+01	5.470E+01	5.470E+01	5.306E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.679E+01	3.679E+01	3.679E+01	7.992E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.017E+01	3.017E+01	3.017E+01	1.010E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.153E+01	2.153E+01	2.153E+01	1.028E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.310E+00	9.310E+00	9.310E+00	1.062E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.981E+00	3.981E+00	3.981E+00	1.430E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.854E+00	1.854E+00	1.854E+00	1.405E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.107E+00	1.107E+00	1.107E+00	1.320E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.570E-01	7.570E-01	7.570E-01	1.247E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.603E-01	5.603E-01	5.603E-01	1.186E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.366E-01	4.366E-01	4.366E-01	1.132E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.526E-01	3.526E-01	3.526E-01	1.086E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	2.922E-08
2.5	0.000E+00	0.000E+00	0.000E+00	4.636E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.295E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.605E-08
7.5	0.000E+00	0.000E+00	0.000E+00	6.690E-08
15.0	0.000E+00	0.000E+00	0.000E+00	8.623E-08
25.0	0.000E+00	0.000E+00	0.000E+00	8.336E-08
35.0	0.000E+00	0.000E+00	0.000E+00	7.754E-08
45.0	0.000E+00	0.000E+00	0.000E+00	7.258E-08
55.0	0.000E+00	0.000E+00	0.000E+00	6.847E-08
65.0	0.000E+00	0.000E+00	0.000E+00	6.498E-08
75.0	0.000E+00	0.000E+00	0.000E+00	6.196E-08

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.876E+01	7.521E+01	2.074E+01	7.642E+00	7.980E-06	2.111E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.692E+01	4.369E+01	1.583E+01	7.422E+00	1.151E-05	1.529E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.462E+01	3.279E+01	1.343E+01	7.060E+00	1.480E-05	1.282E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.573E+01	2.448E+01	1.112E+01	6.291E+00	1.647E-05	1.051E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.067E+01	1.064E+01	7.047E+00	4.779E+00	2.033E-05	6.451E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.054E+00	4.056E+00	3.410E+00	2.741E+00	2.219E-05	3.169E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.252E+00	2.254E+00	2.112E+00	1.910E+00	2.451E-05	2.015E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.462E+00	1.463E+00	1.427E+00	1.361E+00	2.467E-05	1.382E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.048E+00	1.048E+00	1.040E+00	1.017E+00	2.418E-05	1.014E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.004E-01	8.009E-01	7.998E-01	7.921E-01	2.352E-05	7.834E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.379E-01	6.383E-01	6.395E-01	6.374E-01	2.282E-05	6.277E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.241E-01	5.245E-01	5.263E-01	5.263E-01	2.212E-05	5.172E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.957E+01	5.957E+01	5.957E+01	3.868E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.460E+01	3.460E+01	3.460E+01	5.488E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.597E+01	2.597E+01	2.597E+01	7.041E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.939E+01	1.939E+01	1.939E+01	7.816E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.424E+00	8.424E+00	8.424E+00	9.599E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.212E+00	3.212E+00	3.212E+00	1.085E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.785E+00	1.785E+00	1.785E+00	1.230E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.159E+00	1.159E+00	1.159E+00	1.257E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.304E-01	8.304E-01	8.304E-01	1.245E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.343E-01	6.343E-01	6.343E-01	1.221E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.056E-01	5.056E-01	5.056E-01	1.192E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.154E-01	4.154E-01	4.154E-01	1.163E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	2.394E-08
2.5	0.000E+00	0.000E+00	0.000E+00	3.452E-08
3.5	0.000E+00	0.000E+00	0.000E+00	4.440E-08
4.5	0.000E+00	0.000E+00	0.000E+00	4.940E-08
7.5	0.000E+00	0.000E+00	0.000E+00	6.099E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.658E-08
25.0	0.000E+00	0.000E+00	0.000E+00	7.352E-08
35.0	0.000E+00	0.000E+00	0.000E+00	7.400E-08
45.0	0.000E+00	0.000E+00	0.000E+00	7.255E-08
55.0	0.000E+00	0.000E+00	0.000E+00	7.057E-08
65.0	0.000E+00	0.000E+00	0.000E+00	6.845E-08
75.0	0.000E+00	0.000E+00	0.000E+00	6.635E-08

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 4--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.	1.672E-02	1.354E-01	2.201E-03	1.016E-01	4.883E-02	7.037E+00
GROUND	1.022E-03	1.022E-03	1.022E-03	1.022E-03	1.022E-03	1.022E-03
CLOUD	6.144E-02	6.144E-02	6.144E-02	6.144E-02	6.144E-02	6.144E-02
VEG. ING	1.450E-01	1.583E+00	1.450E-01	5.520E-01	4.368E-01	1.450E-01
MEAT ING	7.037E-03	7.962E-02	7.037E-03	2.572E-02	2.057E-02	7.037E-03
MILK ING	3.497E-03	3.303E-02	3.497E-03	1.348E-02	1.079E-02	3.497E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.347E-01	1.893E+00	2.202E-01	7.552E-01	5.794E-01	7.255E+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	2.921E+00	3.188E+01	2.921E+00	1.112E+01	8.799E+00	2.921E+00
MEAT ING	3.725E-02	4.215E-01	3.725E-02	1.362E-01	1.089E-01	3.725E-02
MILK ING	7.076E-04	6.683E-03	7.076E-04	2.728E-03	2.183E-03	7.076E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.959E+00	3.231E+01	2.959E+00	1.126E+01	8.910E+00	2.959E+00

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.672E-02	1.354E-01	2.201E-03	1.016E-01	4.883E-02	7.037E+00
GROUND	1.022E-03	1.022E-03	1.022E-03	1.022E-03	1.022E-03	1.022E-03
CLOUD	6.144E-02	6.144E-02	6.144E-02	6.144E-02	6.144E-02	6.144E-02
VEG. ING	3.066E+00	3.347E+01	3.066E+00	1.167E+01	9.235E+00	3.066E+00
MEAT ING	4.429E-02	5.011E-01	4.429E-02	1.619E-01	1.295E-01	4.429E-02
MILK ING	4.205E-03	3.972E-02	4.205E-03	1.621E-02	1.297E-02	4.205E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	3.194E+00	3.420E+01	3.179E+00	1.201E+01	9.489E+00	1.021E+01

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	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	CAROL SHOP	2	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	CAROL SHOP	3	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	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	N PERM BNDRY	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	N PERM BNDRY	2	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	N PERM BNDRY	3	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	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NNE PERM BNDRY	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	NNE PERM BNDRY	2	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	NNE PERM BNDRY	3	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	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	NE PERM BNDRY	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	NE PERM BNDRY	2	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	NE PERM BNDRY	3	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	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ENE PERM BNDRY	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	ENE PERM BNDRY	2	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	ENE PERM BNDRY	3	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	ENE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	E PERM BNDRY	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	E PERM BNDRY	2	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	E PERM BNDRY	3	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	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	ESE PERM BNDRY	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	ESE PERM BNDRY	2	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	ESE PERM BNDRY	3	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	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	SE PERM BNDRY	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	SE PERM BNDRY	2	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	SE PERM BNDRY	3	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	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
9	SSE PERM BNDRY	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
9	SSE PERM BNDRY	2	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	SSE PERM BNDRY	3	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	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		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	S PERM BNDRY	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
10	S PERM BNDRY	2	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	S PERM BNDRY	3	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	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	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
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	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
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	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
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	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
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	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
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	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
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS

NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3 U-238	Th-230	Ra-226	Pb-210	GROUND CONCENTRATIONS, PCI/M2 U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	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
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	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
18	NEAREST RES & DWND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	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
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	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
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS

	AIRBORNE CONCENTRATIONS, PCI/M3								GROUND CONCENTRATIONS, PCI/M2			
NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	4.717E+05	7.624E+03	1.796E+01	1.855E+00	4.430E-06	1.958E-08	2.597E-12	7.951E-03	6.039E+03	6.039E+03	6.039E+03	2.381E+00
2	1.494E+01	1.443E+01	6.570E+00	3.434E+00	6.964E-06	2.507E-08	3.414E-12	6.098E-05	1.143E+01	1.143E+01	1.143E+01	3.365E+00
3	6.482E+01	5.459E+01	1.588E+01	7.281E+00	1.272E-05	3.865E-08	5.013E-12	1.639E-04	4.324E+01	4.324E+01	4.324E+01	6.821E+00
4	5.620E+01	5.035E+01	1.502E+01	6.512E+00	1.380E-05	5.514E-08	8.735E-12	1.523E-04	3.988E+01	3.988E+01	3.988E+01	8.217E+00
5	1.022E+02	8.870E+01	2.549E+01	1.069E+01	1.769E-05	6.054E-08	9.163E-12	2.605E-04	7.025E+01	7.025E+01	7.025E+01	1.170E+01
6	1.625E+02	1.366E+02	4.170E+01	1.793E+01	2.624E-05	7.594E-08	1.019E-11	4.190E-04	1.082E+02	1.082E+02	1.082E+02	1.782E+01
7	8.753E+01	7.574E+01	2.492E+01	1.094E+01	1.850E-05	6.878E-08	1.031E-11	2.452E-04	5.999E+01	5.999E+01	5.999E+01	1.425E+01
8	4.929E+01	4.635E+01	1.855E+01	8.882E+00	1.827E-05	7.485E-08	1.084E-11	1.749E-04	3.671E+01	3.671E+01	3.671E+01	1.286E+01
9	9.069E+01	8.336E+01	3.097E+01	1.421E+01	2.278E-05	6.565E-08	7.058E-12	2.958E-04	6.602E+01	6.602E+01	6.602E+01	1.393E+01
10	6.651E+01	6.153E+01	2.276E+01	1.051E+01	1.703E-05	4.598E-08	4.322E-12	2.180E-04	4.874E+01	4.874E+01	4.874E+01	9.932E+00
11	6.840E+01	6.505E+01	2.622E+01	1.292E+01	2.242E-05	5.193E-08	3.594E-12	2.481E-04	5.152E+01	5.152E+01	5.152E+01	1.209E+01
12	3.580E+01	3.210E+01	1.192E+01	5.753E+00	1.513E-05	7.978E-08	1.324E-11	1.150E-04	2.542E+01	2.542E+01	2.542E+01	9.372E+00
13	3.587E+01	3.364E+01	1.182E+01	5.265E+00	8.066E-06	1.717E-08	1.113E-12	1.142E-04	2.665E+01	2.665E+01	2.665E+01	3.366E+00
14	1.639E+02	1.233E+02	2.634E+01	7.724E+00	6.905E-06	1.581E-08	1.538E-12	2.893E-04	9.764E+01	9.764E+01	9.764E+01	3.408E+00
15	3.504E+01	2.899E+01	7.136E+00	2.461E+00	3.559E-06	1.124E-08	1.241E-12	7.521E-05	2.296E+01	2.296E+01	2.296E+01	1.708E+00
16	2.273E+01	2.034E+01	6.721E+00	2.511E+00	3.210E-06	9.929E-09	1.167E-12	6.439E-05	1.611E+01	1.611E+01	1.611E+01	1.625E+00
17	1.581E+01	1.468E+01	5.506E+00	2.373E+00	3.379E-06	1.044E-08	1.285E-12	5.189E-05	1.163E+01	1.163E+01	1.163E+01	1.752E+00
18	1.964E+00	1.964E+00	1.339E+00	8.345E-01	3.220E-06	4.045E-08	1.914E-11	1.193E-05	1.556E+00	1.556E+00	1.556E+00	1.675E+00
19	3.724E-01	3.726E-01	3.287E-01	2.689E-01	1.368E-06	2.357E-08	2.131E-11	3.053E-06	2.951E-01	2.951E-01	2.951E-01	7.237E-01
20	4.507E-01	4.510E-01	4.367E-01	4.118E-01	6.401E-06	1.879E-07	1.833E-10	4.215E-06	3.572E-01	3.572E-01	3.572E-01	3.222E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.54E+04	2.39E-03	2.24E-04	1.24E-02	4.82E-03	5.90E+05
INFANT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
INFANT	CLOUD	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.26E-04	1.04E-03	1.93E-03	1.93E-03	1.70E-03	0.00E+00
INFANT	TOTALS	3.54E+04	2.23E+00	2.23E+00	2.24E+00	2.23E+00	5.90E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.54E+04	1.81E-03	1.04E-04	5.51E-03	2.27E-03	5.90E+05
CHILD	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
CHILD	CLOUD	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00
CHILD	VEG. ING	4.14E-04	1.87E-03	2.21E-03	2.21E-03	1.62E-03	0.00E+00
CHILD	MEAT ING	6.64E-05	3.01E-04	3.55E-04	3.55E-04	2.61E-04	0.00E+00
CHILD	MILK ING	8.46E-05	3.83E-04	4.52E-04	4.52E-04	3.32E-04	0.00E+00
CHILD	TOTALS	3.54E+04	2.23E+00	2.23E+00	2.24E+00	2.23E+00	5.90E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.54E+04	4.46E-03	4.47E-05	2.36E-03	1.13E-03	5.90E+05
TEENAGE	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
TEENAGE	CLOUD	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00
TEENAGE	VEG. ING	6.18E-04	9.09E-03	1.97E-03	1.97E-03	1.63E-03	0.00E+00
TEENAGE	MEAT ING	9.75E-05	1.43E-03	3.10E-04	3.10E-04	2.56E-04	0.00E+00
TEENAGE	MILK ING	9.04E-05	1.33E-03	2.88E-04	2.88E-04	2.38E-04	0.00E+00
TEENAGE	TOTALS	3.54E+04	2.24E+00	2.23E+00	2.23E+00	2.23E+00	5.90E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.54E+04	2.62E-03	3.73E-05	1.97E-03	9.45E-04	5.90E+05
ADULT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
ADULT	CLOUD	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00	1.15E+00
ADULT	VEG. ING	3.74E-04	4.32E-03	1.28E-03	1.28E-03	1.05E-03	0.00E+00
ADULT	MEAT ING	7.46E-05	8.62E-04	2.56E-04	2.56E-04	2.09E-04	0.00E+00
ADULT	MILK ING	2.09E-05	2.42E-04	7.19E-05	7.19E-05	5.86E-05	0.00E+00
ADULT	TOTALS	3.54E+04	2.23E+00	2.23E+00	2.23E+00	2.23E+00	5.90E+05

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.12E+00	3.75E-03	3.51E-04	1.95E-02	7.58E-03	1.87E+01
INFANT	GROUND	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03
INFANT	CLOUD	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.20E-04	1.62E-03	3.01E-03	3.01E-03	2.66E-03	0.00E+00
INFANT	TOTALS	1.17E+00	4.94E-02	4.74E-02	6.65E-02	5.42E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.12E+00	2.85E-03	1.64E-04	8.67E-03	3.57E-03	1.87E+01
CHILD	GROUND	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03
CHILD	CLOUD	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02
CHILD	VEG. ING	6.48E-04	2.93E-03	3.46E-03	3.46E-03	2.54E-03	0.00E+00
CHILD	MEAT ING	1.04E-04	4.69E-04	5.53E-04	5.53E-04	4.06E-04	0.00E+00
CHILD	MILK ING	1.32E-04	5.98E-04	7.04E-04	7.04E-04	5.17E-04	0.00E+00
CHILD	TOTALS	1.17E+00	5.09E-02	4.89E-02	5.74E-02	5.10E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.12E+00	7.01E-03	7.02E-05	3.71E-03	1.78E-03	1.87E+01
TEENAGE	GROUND	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03
TEENAGE	CLOUD	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02
TEENAGE	VEG. ING	9.68E-04	1.42E-02	3.08E-03	3.08E-03	2.55E-03	0.00E+00
TEENAGE	MEAT ING	1.52E-04	2.23E-03	4.83E-04	4.83E-04	4.00E-04	0.00E+00
TEENAGE	MILK ING	1.41E-04	2.07E-03	4.48E-04	4.48E-04	3.71E-04	0.00E+00
TEENAGE	TOTALS	1.17E+00	6.96E-02	4.81E-02	5.17E-02	4.91E-02	1.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.12E+00	4.13E-03	5.85E-05	3.09E-03	1.49E-03	1.87E+01
ADULT	GROUND	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03	2.05E-03
ADULT	CLOUD	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02	4.20E-02
ADULT	VEG. ING	5.86E-04	6.77E-03	2.01E-03	2.01E-03	1.64E-03	0.00E+00
ADULT	MEAT ING	1.16E-04	1.34E-03	4.00E-04	4.00E-04	3.25E-04	0.00E+00
ADULT	MILK ING	3.26E-05	3.77E-04	1.12E-04	1.12E-04	9.13E-05	0.00E+00
ADULT	TOTALS	1.17E+00	5.66E-02	4.66E-02	4.96E-02	4.75E-02	1.87E+01

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 3 NAME=NNE PERM BNDRY X= 1.0KM, Y= 2.5KM, Z= 33.5M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.86E+00	6.86E-03	6.40E-04	3.56E-02	1.38E-02	8.10E+01
INFANT	GROUND	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03
INFANT	CLOUD	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.51E-03	2.99E-03	5.55E-03	5.55E-03	4.89E-03	0.00E+00
INFANT	TOTALS	4.97E+00	1.09E-01	1.06E-01	1.41E-01	1.18E-01	8.11E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.86E+00	5.20E-03	2.99E-04	1.58E-02	6.51E-03	8.10E+01
CHILD	GROUND	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03
CHILD	CLOUD	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02
CHILD	VEG. ING	1.19E-03	5.38E-03	6.34E-03	6.34E-03	4.66E-03	0.00E+00
CHILD	MEAT ING	1.91E-04	8.64E-04	1.02E-03	1.02E-03	7.48E-04	0.00E+00
CHILD	MILK ING	2.43E-04	1.10E-03	1.30E-03	1.30E-03	9.53E-04	0.00E+00
CHILD	TOTALS	4.96E+00	1.12E-01	1.08E-01	1.24E-01	1.12E-01	8.11E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.86E+00	1.28E-02	1.28E-04	6.78E-03	3.26E-03	8.10E+01
TEENAGE	GROUND	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03
TEENAGE	CLOUD	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02
TEENAGE	VEG. ING	1.77E-03	2.61E-02	5.64E-03	5.64E-03	4.67E-03	0.00E+00
TEENAGE	MEAT ING	2.80E-04	4.11E-03	8.89E-04	8.89E-04	7.36E-04	0.00E+00
TEENAGE	MILK ING	2.60E-04	3.82E-03	8.25E-04	8.25E-04	6.83E-04	0.00E+00
TEENAGE	TOTALS	4.96E+00	1.46E-01	1.07E-01	1.14E-01	1.09E-01	8.11E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.86E+00	7.54E-03	1.07E-04	5.65E-03	2.71E-03	8.10E+01
ADULT	GROUND	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03	7.74E-03
ADULT	CLOUD	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02	9.17E-02
ADULT	VEG. ING	1.07E-03	1.24E-02	3.69E-03	3.69E-03	3.00E-03	0.00E+00
ADULT	MEAT ING	2.14E-04	2.47E-03	7.36E-04	7.36E-04	5.99E-04	0.00E+00
ADULT	MILK ING	6.01E-05	6.94E-04	2.06E-04	2.06E-04	1.68E-04	0.00E+00
ADULT	TOTALS	4.96E+00	1.23E-01	1.04E-01	1.10E-01	1.06E-01	8.11E+01

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.22E+00	7.44E-03	6.96E-04	3.86E-02	1.50E-02	7.03E+01
INFANT	GROUND	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03
INFANT	CLOUD	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.65E-03	3.28E-03	6.07E-03	6.07E-03	5.36E-03	0.00E+00
INFANT	TOTALS	4.31E+00	1.01E-01	9.71E-02	1.35E-01	1.11E-01	7.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.22E+00	5.64E-03	3.25E-04	1.72E-02	7.07E-03	7.03E+01
CHILD	GROUND	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03
CHILD	CLOUD	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02
CHILD	VEG. ING	1.29E-03	5.87E-03	6.91E-03	6.91E-03	5.08E-03	0.00E+00
CHILD	MEAT ING	2.09E-04	9.46E-04	1.12E-03	1.12E-03	8.19E-04	0.00E+00
CHILD	MILK ING	2.66E-04	1.21E-03	1.42E-03	1.42E-03	1.04E-03	0.00E+00
CHILD	TOTALS	4.31E+00	1.04E-01	1.00E-01	1.17E-01	1.04E-01	7.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.22E+00	1.39E-02	1.39E-04	7.36E-03	3.53E-03	7.03E+01
TEENAGE	GROUND	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03
TEENAGE	CLOUD	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02
TEENAGE	VEG. ING	1.93E-03	2.85E-02	6.15E-03	6.15E-03	5.09E-03	0.00E+00
TEENAGE	MEAT ING	3.06E-04	4.51E-03	9.74E-04	9.74E-04	8.06E-04	0.00E+00
TEENAGE	MILK ING	2.84E-04	4.18E-03	9.04E-04	9.04E-04	7.48E-04	0.00E+00
TEENAGE	TOTALS	4.31E+00	1.41E-01	9.85E-02	1.06E-01	1.00E-01	7.03E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.22E+00	8.18E-03	1.16E-04	6.13E-03	2.95E-03	7.03E+01
ADULT	GROUND	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03	7.14E-03
ADULT	CLOUD	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02	8.32E-02
ADULT	VEG. ING	1.17E-03	1.35E-02	4.02E-03	4.02E-03	3.27E-03	0.00E+00
ADULT	MEAT ING	2.35E-04	2.71E-03	8.06E-04	8.06E-04	6.56E-04	0.00E+00
ADULT	MILK ING	6.58E-05	7.61E-04	2.26E-04	2.26E-04	1.84E-04	0.00E+00
ADULT	TOTALS	4.31E+00	1.15E-01	9.55E-02	1.02E-01	9.74E-02	7.03E+01

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 5 NAME=ENE PERM BNDRY X= 2.5KM, Y= 1.0KM, Z= 112.8M, DIST= 2.7KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.67E+00	9.54E-03	8.91E-04	4.95E-02	1.92E-02	1.28E+02
INFANT	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
INFANT	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.14E-03	4.24E-03	7.86E-03	7.86E-03	6.93E-03	0.00E+00
INFANT	TOTALS	7.82E+00	1.64E-01	1.59E-01	2.08E-01	1.76E-01	1.28E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.67E+00	7.23E-03	4.16E-04	2.20E-02	9.06E-03	1.28E+02
CHILD	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
CHILD	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
CHILD	VEG. ING	1.67E-03	7.55E-03	8.90E-03	8.90E-03	6.54E-03	0.00E+00
CHILD	MEAT ING	2.70E-04	1.22E-03	1.44E-03	1.44E-03	1.06E-03	0.00E+00
CHILD	MILK ING	3.44E-04	1.56E-03	1.84E-03	1.84E-03	1.35E-03	0.00E+00
CHILD	TOTALS	7.82E+00	1.68E-01	1.63E-01	1.84E-01	1.68E-01	1.28E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.67E+00	1.78E-02	1.78E-04	9.43E-03	4.53E-03	1.28E+02
TEENAGE	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
TEENAGE	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
TEENAGE	VEG. ING	2.49E-03	3.66E-02	7.92E-03	7.92E-03	6.55E-03	0.00E+00
TEENAGE	MEAT ING	3.97E-04	5.83E-03	1.26E-03	1.26E-03	1.04E-03	0.00E+00
TEENAGE	MILK ING	3.68E-04	5.41E-03	1.17E-03	1.17E-03	9.68E-04	0.00E+00
TEENAGE	TOTALS	7.82E+00	2.16E-01	1.61E-01	1.70E-01	1.63E-01	1.28E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.67E+00	1.05E-02	1.48E-04	7.86E-03	3.77E-03	1.28E+02
ADULT	GROUND	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02	1.26E-02
ADULT	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
ADULT	VEG. ING	1.51E-03	1.74E-02	5.18E-03	5.18E-03	4.22E-03	0.00E+00
ADULT	MEAT ING	3.04E-04	3.51E-03	1.04E-03	1.04E-03	8.49E-04	0.00E+00
ADULT	MILK ING	8.52E-05	9.85E-04	2.93E-04	2.93E-04	2.38E-04	0.00E+00
ADULT	TOTALS	7.82E+00	1.83E-01	1.57E-01	1.65E-01	1.59E-01	1.28E+02

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CHILD	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
TEENAGE	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	GROUND	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	CLOUD	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ADULT	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

NUMBER 6 NAME=E PERM BNDRY X= 2.6KM, Y= 0.0KM, Z= 128.0M, DIST= 2.6KM, IRTYPE=10

TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.22E+01	1.41E-02	1.32E-03	7.35E-02	2.86E-02	2.03E+02
INFANT	GROUND	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02
INFANT	CLOUD	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.19E-03	6.31E-03	1.17E-02	1.17E-02	1.03E-02	0.00E+00
INFANT	TOTALS	1.24E+01	2.69E-01	2.62E-01	3.34E-01	2.88E-01	2.03E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.22E+01	1.07E-02	6.16E-04	3.26E-02	1.34E-02	2.03E+02
CHILD	GROUND	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02
CHILD	CLOUD	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01
CHILD	VEG. ING	2.48E-03	1.12E-02	1.32E-02	1.32E-02	9.71E-03	0.00E+00
CHILD	MEAT ING	4.02E-04	1.82E-03	2.15E-03	2.15E-03	1.58E-03	0.00E+00
CHILD	MILK ING	5.12E-04	2.32E-03	2.73E-03	2.73E-03	2.01E-03	0.00E+00
CHILD	TOTALS	1.24E+01	2.75E-01	2.68E-01	3.00E-01	2.76E-01	2.03E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.22E+01	2.64E-02	2.64E-04	1.40E-02	6.72E-03	2.03E+02
TEENAGE	GROUND	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02
TEENAGE	CLOUD	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01
TEENAGE	VEG. ING	3.70E-03	5.44E-02	1.18E-02	1.18E-02	9.74E-03	0.00E+00
TEENAGE	MEAT ING	5.90E-04	8.68E-03	1.88E-03	1.88E-03	1.55E-03	0.00E+00
TEENAGE	MILK ING	5.47E-04	8.05E-03	1.74E-03	1.74E-03	1.44E-03	0.00E+00
TEENAGE	TOTALS	1.24E+01	3.46E-01	2.65E-01	2.78E-01	2.68E-01	2.03E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.22E+01	1.55E-02	2.20E-04	1.17E-02	5.60E-03	2.03E+02
ADULT	GROUND	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02	1.94E-02
ADULT	CLOUD	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01	2.30E-01
ADULT	VEG. ING	2.24E-03	2.59E-02	7.69E-03	7.69E-03	6.26E-03	0.00E+00
ADULT	MEAT ING	4.52E-04	5.22E-03	1.55E-03	1.55E-03	1.26E-03	0.00E+00
ADULT	MILK ING	1.27E-04	1.46E-03	4.35E-04	4.35E-04	3.55E-04	0.00E+00
ADULT	TOTALS	1.24E+01	2.97E-01	2.59E-01	2.70E-01	2.62E-01	2.03E+02