CROW BUTTE RESOURCES, INC.

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April 27, 2007

Stephen J. Cohen, Project Manager
Decommissioning & Uranium Recovery Licensing Directorate
Division of Waste Management and Environmental Protection
Office of Federal and State Materials and Environmental Management Programs
U.S. Nuclear Regulatory Commission
Mailstop T7-E18
Washington D.C. 20555-0001

Subject: Plant Upgrade License Amendment
Request for Additional Information

Dear Mr. Cohen:

By letter dated October 17, 2006, Crow Butte Resources, Inc. (CBR) submitted to U.S. Nuclear Regulatory Commission (NRC) staff a request to amend License Condition 10.5. Specifically, CBR seeks to increase its central processing plant throughput from 5,000 gallons per minute (gpm) to 9,000. NRC staff reviewed CBR's application and issued a Request for Additional Information (RAI) to help complete the review.

Request No. 1. Figures C1 and C2 have been revised to resolve the discrepancies in mass balance.

Request No. 2. Surety adjustments will be made prior to operating the new IX columns.

Request No. 3. MILDOS inputs and outputs were ran using the current plant flow (5000 gpm), the requested flow (4000 gpm), and the proposed North Trend Satellite Facility (4500 gpm).

Request No. 4. The original amendment request was revised to reflect using 6 pressurized downflow IX columns for the flow increase.

Attached are all amended figures and input values. If you have any further questions please feel free to contact me at (308) 665-2215 ext. 114.

Sincerely,
CROW BUTTE RESOURCES, INC.

Larry Teahon

Larry Teahon
Manager of Environmental, Health and Safety

cc: Steven Fischbein, NDEQ

NRC File

CROW BUTTE RESOURCES, INC.

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October 17, 2006

Mr. Gary Janosko
Branch Chief, Fuel Cycle Licensing Branch
Division of Fuel Cycle Safety and Safeguards
c/o Document Control Desk
U.S. Nuclear Regulatory Commission
Washington D.C. 20555

RE: Docket No. 40-8943
License No. SUA-1534

Dear Mr. Janosko:

License Condition 10.5 of SUA-1534 limits the Crow Butte Resources, Inc. (CBR) to an annual plant throughput of 5,000 gpm exclusive of restoration flow. CBR desires to increase the licensed flowrate in order to increase production which will increase recovery of a natural resource and enhance the restoration process. The production increase will be accomplished by expanding the existing plant and mining existing well fields to lower levels of soluble uranium.

CBR requests approval of a change to License Condition 10.5 to an annual plant throughput of 9,000 gpm exclusive of restoration flow and maintain the annual production rate of 2,000,000 pounds of U_3O_8 per year.

If you have any questions regarding this amendment request or need any additional information, please contact me.

Sincerely,

Stephen P. Collings

Stephen P. Collings
President

cc: Steve Cohen

1.0 DESCRIPTION FOR PROPOSED FACILITIES

CBR proposes to increase the permitted plant throughput flow from 5,000 gpm to 9,000 gpm excluding restoration flow. License Condition 10.5 of SUA-1534 also limits the annual production rate to 2 million pounds. This condition does not need to be modified.

1.1 Increased Production

CBR proposes to increase the plant flow by expanding the ion exchange processing capacity in the existing plant and by operating production wells longer. This will allow production to increase in well fields where minimal mining is presently occurring. In addition, this mining will deplete more uranium from the wellfields prior to restoration which will enhance the restoration efforts.

The increased ion exchange capacity will be met by adding 6 ion exchange (IX) columns in the existing facility. The IX columns will be pressurized downflow ion exchange columns and will be operated with 2 columns in series. Each set of 2 columns will be capable of processing a nominal 1,500 gpm of process solutions. The IX columns will be installed in the existing restoration area of the main facility. The columns will be nominally 11'6" in diameter and there is adequate space in the restoration area to install six IX columns. The existing restoration IX columns will be relocated to the R & D Building. This is illustrated in Figure A, Proposed Plant Modifications.

After the IX resin in the new columns is loaded with uranium, the resin will be cleaned and sized in an upgraded screening circuit. The uranium will be stripped from the resin using the same eluant circuit presently used in the process facility. This eluant is a mixture of sodium chloride and sodium bicarbonate. The pregnant eluant will then go to the existing yellowcake circuit for precipitation, dewatering, and drying. The existing yellowcake circuit has adequate capacity to process the additional 150,000 to 250,000

pounds of U_3O_8 per year. The process flowsheet for the existing facility (See Figure B) will remain the same except for the increase in IX capacity.

The additional plant flow would normally mean an increase in the volume of liquid waste generated at the Crow Butte Resources facility. However, that is not the present case. Areas with minimal mining activity have a water bleed maintained as if full mining activity was occurring. The bleed is related more to the area under active mining or the number of active wells in the wellfields rather than tied to the plant production flow. The bleed is used to control the migration of water in the wellfields and it is more than enough to meet the plant production requirements of liquid disposal. The bleed rate, as a percentage of plant flow, has increased from less than 1% to close to 2% in recent months, while production rates have remained constant, due to the wellfield demands. The present water bleed matches or exceeds the proposed bleeds required by the plant (See Plant Mass Balance Figures C1 & C2) which are calculated on the high end as 1% of the plant flowrate. Thus, increasing the mining activity in these areas will not or only minimally increase the liquid waste generation. The present storage and disposal methods of evaporation ponds, and deep disposal well are adequately handling the volume.

The solid waste generated from the additional flow (See Plant Mass Balance Figures C1 & C2) is expected to increase proportionally to the waste generated by the existing operation. This waste is fairly minimal and consists mainly of filter bags collecting broken resin and clay particles from the injection water.

1.2 Restoration Facilities

The restoration IX columns will be relocated from the existing building to the R & D Building so they will be close to the RO units. It is planned to add a fourth IX column to the circuit and examine more barren solution pumping capacity. The restoration flow will continue to be treated using pressurized downflow IX columns.

2.0 RADIOLOGICAL EFFECTS

The proposed action is to allow a permitted in-situ uranium operation to increase production flow from 5,000 gpm to 9,000 gpm. This additional flow will enhance the restoration process by lowering the uranium content in the solutions from the wellfields prior to the restoration stage. The new 4,000 gpm of production flow rate will be processed at the existing plant by the addition of downflow ion exchange columns.

An assessment of the radiological effects of the Crow Butte Resources Project must consider the types of emissions, the potential pathways present, and an evaluation of the potential radiological hazards associated with the emission and pathways. Since the project is an in-situ operation, most of the particulate emission sources normally associated with a conventional mill will not be present. A vacuum dryer is in use at the commercial operation. The vacuum dryer works on the principle that gases or particulates released into the system are collected in a liquid condenser and there is no release of particulates. The routine radioactive emission will therefore, be radon-222 (radon) gas.

Radon is present in the ore body and is formed from the decay of radium-226. The radon dissolves in the lixiviant as it travels through the ore body to a production well. When the solution is brought to the surface, the radon is released if not contained within a pipeline or tank.

In order to assess the radiological effort of radon on the environment, an estimate of the quantity released during the operation must be made. Meteorological data and MILDOS-AREA are used to predict the ground level air concentration at various points in the environment. The ingrowth of radon daughters is important and their concentration in the soil, vegetation and animals must be calculated. Finally, the impact on man from these concentrations of radionuclides in the environment must be determined.

In the following sections, the assumptions and methods used to arrive at an estimate of the radiological effects of the Crow Butte Resources Project at 9,000 gpm will be discussed briefly. A detailed presentation of the source terms is included in Appendix A. The anticipated effects will be compared to naturally occurring background levels. This background radiation, arising from cosmic and terrestrial sources, as well as naturally occurring radon, comprises the primary radiological impact to the environment in the region surrounding the proposed project.

2.1 Exposure Pathways

The Crow Butte Resources Project is an in-situ facility with a zero emission vacuum dryer and, thus, the only source of radioactive emissions for the facility is radon gas. Radon gas is dissolved in the leach solution and may be released as the solution is brought to the surface and processed in the plant.

In this proposal, approximately 5,000 gpm of the process solution is passed through the existing upflow ion exchange columns which vent the majority of the radon into the exhaust manifold. From these columns, the solution is pumped to an injection surge tank, where it is refortified with chemicals before being pumped to the wellfield.

In this amendment request CBR is planning to use pressurized fixed bed downflow ion exchange columns to process the expanded flow requested. The additional 4,000 gpm requested will require 6 fixed bed downflow columns. These columns will be operated with 2 columns in series with 3 sets in parallel. The columns would be nominally 11.5 feet in diameter and can process a nominal 1,500 gpm per set.

With pressurized columns the radon will remain in solution and be returned to the formation and will not be released to the atmosphere. There will be minor releases of radon during the water blowdown prior to elution and during the filling of the columns

after elution has been completed. It is estimated that less than 10% of the radon contained in the process solutions will be vented to atmosphere.

In the source term calculation CBR has adjusted the radon release value to show that all of the contained radon in the 5,000 gpm flow processed by upflow IX will be released to the environment and that 10% of the contained radon found in the 4,000 gpm flow processed by pressurized downflow IX columns will be released to the environment.

The injection wells are generally closed and pressurized, but are periodically vented. For purposes of this evaluation, it was estimated that 25% of the radon is released in the wellfield.

The remaining radon release was from the plant vent located 15.9 meters above the foundation of the facility. The above values were entered into the MILDOS-AREA code as the source terms.

The atmospheric emission of radon will lead to its presence in all quadrants of the region surrounding the Crow Butte Resources Project. Due to the relatively short half-life of radon, the ingrowth of radon daughters during wind blown transportation must be considered. There exists an inhalation pathway as a result of the emission of radon gas. As the radon daughters ingrow, deposition on the ground surface increases. A pathway also exists due to external radiation exposure arising from two sources. One source is radon and its daughters in the air, which is considered the cloud contribution. The other source is from radon daughters deposited on the ground, this source being termed the ground contribution.

A third pathway exists, which is the ingestion pathway. This results from direct foliar deposition and radionuclides in the soil being assimilated by the vegetation. The vegetation may represent a direct ingestion pathway to man if consumed, and secondary pathway if fed to animals which are in turn consumed by man.

All of the above pathways are evaluated by MILDOS-AREA.

2.3 Exposures From Water Pathways

The solutions in the zone to be mined will be controlled and adequately monitored to insure that migration does not occur. The overlying aquifers will also be monitored.

Three commercial evaporation ponds located approximately 2,000 feet from the plant building have been constructed for commercial operation. There are also two R&D evaporation ponds located approximately 1,000 feet from the plant building. The R&D ponds have a 34 mil Hypalon liner and a leak detection system. The commercial evaporation ponds are lined with double impermeable synthetic liners. The ponds, therefore, are not considered a source of liquid radioactive effluents. There is a leak detection system installed to provide a warning if the liner develops a leak.

The Crow Butte Resources Plant is located on a curbed concrete pad to prevent any liquids from entering the environment. Solutions used to wash down equipment drain to a sump and are pumped to the ponds. The pad is of sufficient size to contain the contents of the largest tank in the event of its rupture.

Since there are no routine liquid discharges of process water from the Crow Butte Resources Plant, there is no definable water related pathway.

2.4 Exposures From Air Pathways

The only source of radioactive emissions is radon released into the atmosphere through a vent system or from the wellfields. This release results in radiation exposure via three pathways: inhalation, ingestion, and external exposure. The total effective dose equivalent (TEDE) to nearby residents in the region around the Crow Butte Resources Project was estimated by using a computer simulation, MILDOS-AREA.

Based on the site specific data and source term estimates presented in Appendix A, Table 1(A)-1, the emission rate of radon from the Crow Butte Resources Project, will be 7180 Ci/yr which includes the existing flow of 5,000 gpm in upflow ion exchange columns (5,043 Ci/yr.) along with the proposed 4,000 gpm of flow treated in the pressurized downflow ion exchange columns (1,312 Ci/yr.). Releases resulting from restoration activities will not change as a result of this proposed production increase.

In order to show compliance with the annual dose limit found in 10 CFR20.1301, MILDOS-AREA was used to model the radiological impacts of increased Rn-222 emissions from the proposed production rate change. The estimated emissions from the 4,000 gpm production flow increase were added to existing source terms in a previous MILDOS-AREA simulation. The results of the two MILDOS-AREA simulations are presented in Table 2.1. The estimated dose from existing and proposed sources to the most effected resident (Receptor 19) is 25 mrem per year which is well below the public dose limit of 100 mrem per year. Releases from restoration activities were included and are identical in both model simulations. The source terms used to estimate off-site doses are presented in Appendix A, Table 2(A)-1.

The applicant reviewed the radon monitoring data obtained at the Crow Butte Resources site from January 1991 thru June 2006 for the various production rates. The data is found in Table 2.2. This data show no significant increase in radon concentration at the different production rates above background at any monitoring station.

Due to the downflow column technology and its specific characteristics, the radon emitted from the proposed increase plant flow is 26% of the value emitted by the upflow columns, even though the increase in flow is 80%. The data from the site monitoring show that the impact of the increase of plant flow from 3,500 gpm to 5,000 gpm, a 43% increase, on radon levels was minimal and thus, the proposed increase to 9,000 gpm production flowrate should have little, if any, impact on the radon levels in the surrounding area.

TABLE 2.1

Total Effective Dosage Equivalent to Nearby Residents

CROW BUTTE RESOURCES PROJECT

5,000 GPM (MILDOS-1) & 9,000 GPM (MILDOS-2)

Receptor	TEDE (mrem/yr.) 5,000 gpm	TEDE (mrem/yr.) 9,000 gpm
#6 (Town of Crawford)	1.40	1.65
#18 (Ehlers)	10.7	15.5
#19 (Gibbons)	21.0	25.0
#20 (Stetson)	15.1	18.9
#21 (Knode)	4.41	6.10
#22	10.1	16.2
#26 (McDowell)	3.29	4.24
#27 (Taggert)	3.73	4.87
#28 (Franey)	5.05	6.55
#29 (Bunch)	5.98	7.54
#30 (Dyer)	2.34	3.27

3.0 ALTERNATIVES

Options available for consideration beside the original proposal with this amendment to License Condition 10.5 of SUA-1534 are:

1) Grant the request but at a reduced rate.

   This option would reduce the efficiencies of the equipment and would add unwarranted costs. It would also prolong or reduce the recovery of the uranium from the ore zone. The mine life would be extended primarily for the restoration process rather than for economical benefit from the ore. By lowering the uranium content in the ore zone through the production process, the restoration process will start with a solution lower in uranium. At a reduced rate, this will allow the restoration to proceed quicker into the final stages of cleanup of the water but not as effectively as at the higher proposed rate. From an environmental stand point, the difference between the two cases would be hard to distinguish.

2) Deny the request.

   Operation will continue as normal. The body of water containing uranium will have to be treated through the restoration circuit. The time required to accomplish closure of a wellfield will not be shortened. The recovery of the natural resource will suffer particularly in times of low product price. From an environmental stand point, the enhancement of the restoration circuit with better solution feed will not benefit from this alternative.

4.0 SURETY

CBR has maintained an acceptable surety mechanism throughout the course of commercial operations at the Crow Butte Resources Project. It is anticipated that this amendment will warrant an adjustment to the surety. The decommissioning of the new circuit, comprised of 6 IX vessels, ancillary equipment and piping, is estimated to cost $34,000. The current surety will be updated to reflect this cost before operation of new circuit commences.

TABLE 2.2

Track Etch Cup Ambient

Radon Concentration

CROW BUTTE RESOURCES PROJECT

Air Monitor Station No.	Average pCi/l	Standard Deviation pCi/l	Average pCi/l	Standard Deviation pCi/l	Average pCi/l	Standard Deviation pCi/l
AM-1	0.40	0.14	0.53	0.29	0.66	0.64
AM-2	0.41	0.11	0.60	0.21	0.88	0.61
AM-3	0.42	0.12	0.47	0.23	0.44	0.23
AM-4	0.63	0.20	0.53	0.40	0.58	0.32
AM-5	0.52	0.20	0.59	0.26	0.86	0.40
AM-6	0.51	0.24	0.40	0.17	0.59	0.37
AM-8	0.46	0.17	0.58	0.29	0.94	0.68
Plant Flow gpm	2500	2500	3500	3500	5000	5000

Note: AM-6 station is background monitoring station

APPENDIX A

TABLE 1(A)-1

CALCULATION OF ANNUAL RADON EMISSIONS

CROW BUTTE RESOURCE PROJECT

5,000 GPM UPFLOW/4,000 GPM PRESSURIZED DOWNFLOW

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1) To calculate radon release from leaching assuming that U-238 is in equilibrium with all its decay products:

$Ci/m^3 = 761\ pCi/g\ ore \times 1.89\ g/cm^3 \times 0.2 \times 0.71/0.29 \times 10^6 = 7.04 \times 10^{-4}\ Ci/m^3$

Where:
- 0.2 = Emanating Power
- 0.71 = 1-Porosity
- 0.29 = Porosity

Total radon in solution for 9,000 gpm is then:

$7.04 \times 10^{-4}\ Ci/m^3 \times 34069\ lpm \times (0.72) \times 365\ d/yr \times 1.44 = 9077\ Ci/yr$

Where:
- 34069 = liters per minute
- 0.72 = € $=1-e^{-(\lambda t)}$
  - λ= Rn-222 decay constant (0.182 d^{-1})
  - t= production residence time (7 d)
- 1.44 = constant

2) Total radon in solution from restoration is given by:

7.04×10^{-4} Ci/ m^3 x 3785 lpm x 365 d/yr x (0.99) x 1.44 = 1387 Ci/yr

Where: 3785 = Restoration flow in liter per minute

0.99 = € $=1-e^{-(\lambda t)}$

λ= Rn-222 decay constant (0.182 d^{-1})

t= restoration residence time (25 d)

1.44 = Constant

The total radon in solution for this proposed operation is then:

Production	9,077
Restoration	1,387
	10,464 Ci/yr

3) Actual Radon Release to the Environment

With 5,000 gpm being processed by upflow ion exchange columns, it is expected that all of the radon will be released to the environment and that 25% of the radon will be released in the wellfield and 75% will be released in the plant vent. The source term for the 5,000 gpm flow is 5,043 Ci/yr and the 25% released in the wellfield will be 1,261 Ci/yr and the 75% released in the plant will be 3,782 Ci/yr.

The 4,000 gpm of flow being processed by pressurized downflow ion exchange columns will release only a small fraction of the contained radon to the environment. Only about 10% of the contained radon will be released during regeneration and venting. It is also expected that 25% of the radon will be released in the wellfield. The source term for 4,000 gpm will be 4,034 Ci/yr and the 25% released in the wellfield will be 1,009 Ci/yr and the 10% of the remaining radon (3,025 Ci) will be 303 Ci/yr.

During restoration 1,000 gpm of recovered water will be processed by pressurized downflow ion exchange (IX) columns. After IX treatment, 400 gpm will be treated by reverse osmosis (RO). Only a small fraction of the contained radon will be released during ion exchange and virtually all of the contained radon will be released during RO treatment. The actual release of the source term of 1,387Ci of radon/yr will be as follows:

- 25% of the 1,387 Ci will be released in the wellfield-347 Ci/yr
- 10% of the radon in the 600 gpm to be treated by pressurized IX (Note: All of the radon in the 400 gpm to be treated by IX-RO will be released) will be released.

The calculation follows for the IX treatment:
(1387 Ci/yr – 347 Ci/yr (wellfield loss))x 600gpm/1000gpm x 0.10 = 62 Ci/yr

The calculation follows for the IX-RO treatment:
(1387 Ci/yr – 347 Ci/yr (wellfield loss))x 400gpm/1000gpm = 416 Ci/yr

A summary of the actual radon releases follows:

	Ci/yr Released
5,000 gpm upflow	
Plant Vent	3782
Wellfield	1261
4,000 gpm Pressurized downflow	
Plant Vent	303
Wellfield	1009
1,000 gpm	
Restoration	825
TOTAL RADON RELEASE	7,180 Ci/yr

TABLE 2(A)-1

MILDOS-AREA Source Terms

CROW BUTTE RESOURCE PROJECT

5,000 GPM UPFLOW/4,000 GPM PRESSURIZED DOWNFLOW

Source	East (km)	North (km)	5000 gpm Rn-222 (Curies)	9000 gpm Rn-222 (Curies)
1. Plant Vent	0.00	0.00	4300	4603
2. Satellite Plant Vent	-5.30	9.60	342	342
3. MU-2-4 (restoration)	-0.30	0.16	350	350
4. MU-5	0.0	0.74	253	454
5. MU-6&8	1.92	-1.20	506	908
6. MU 7&9	0.00	-0.74	506	908
7. North Trend Wellfield	-5.30	9.60	1320	1320

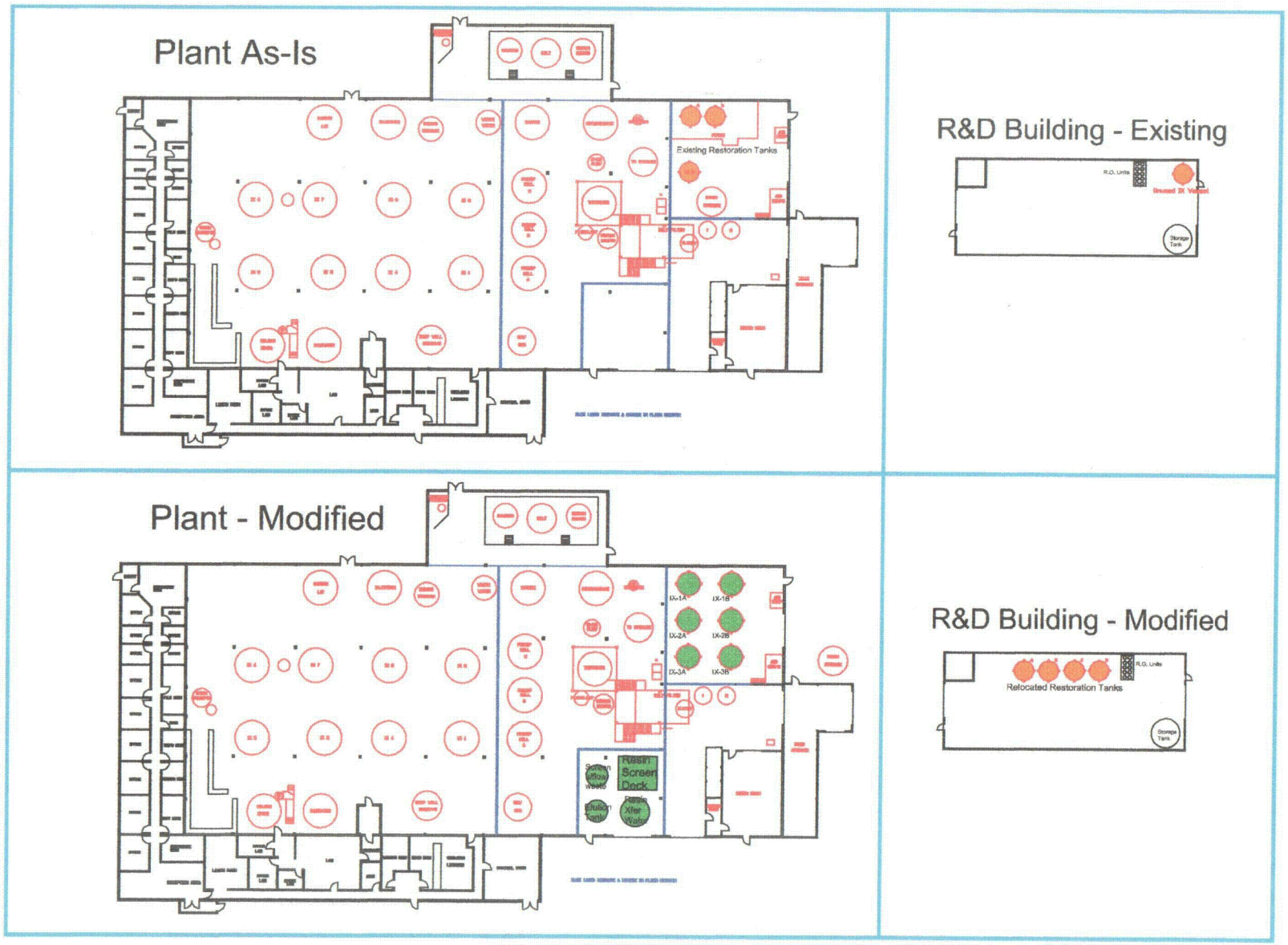


FIGURE A - Proposed Plant Modifications

Removed / Relocated

New Equipment

FIGURE B-PROCESS FLOWSHEET

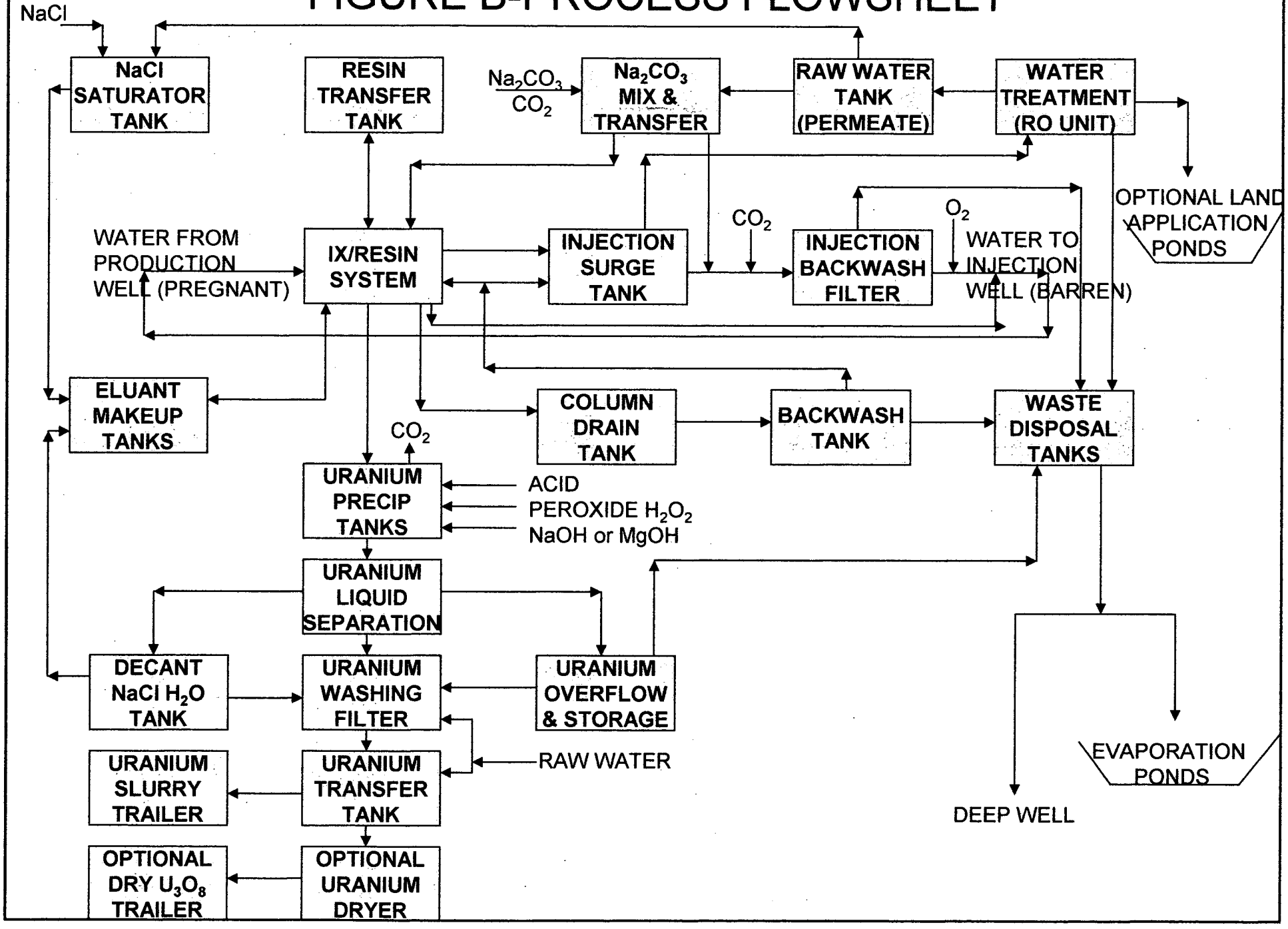
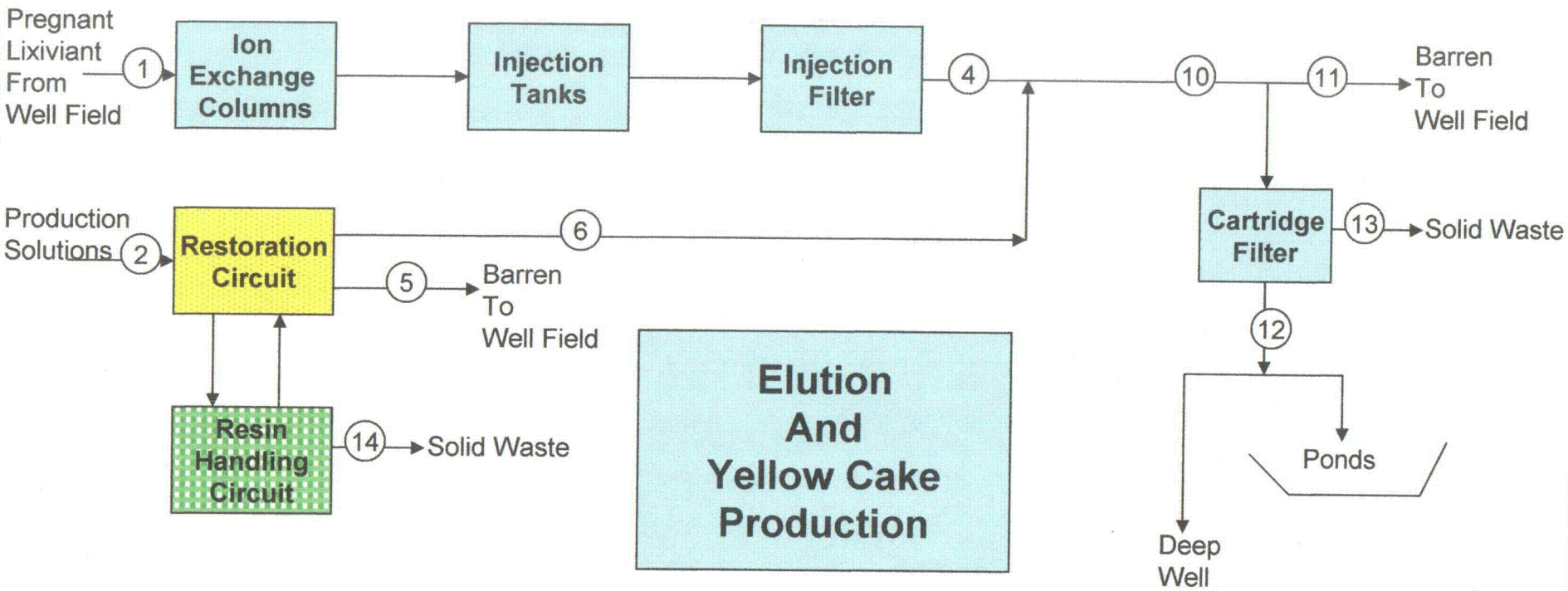


FIGURE C1-PLANT MASS BALANCE

5,000 GPM PLANT



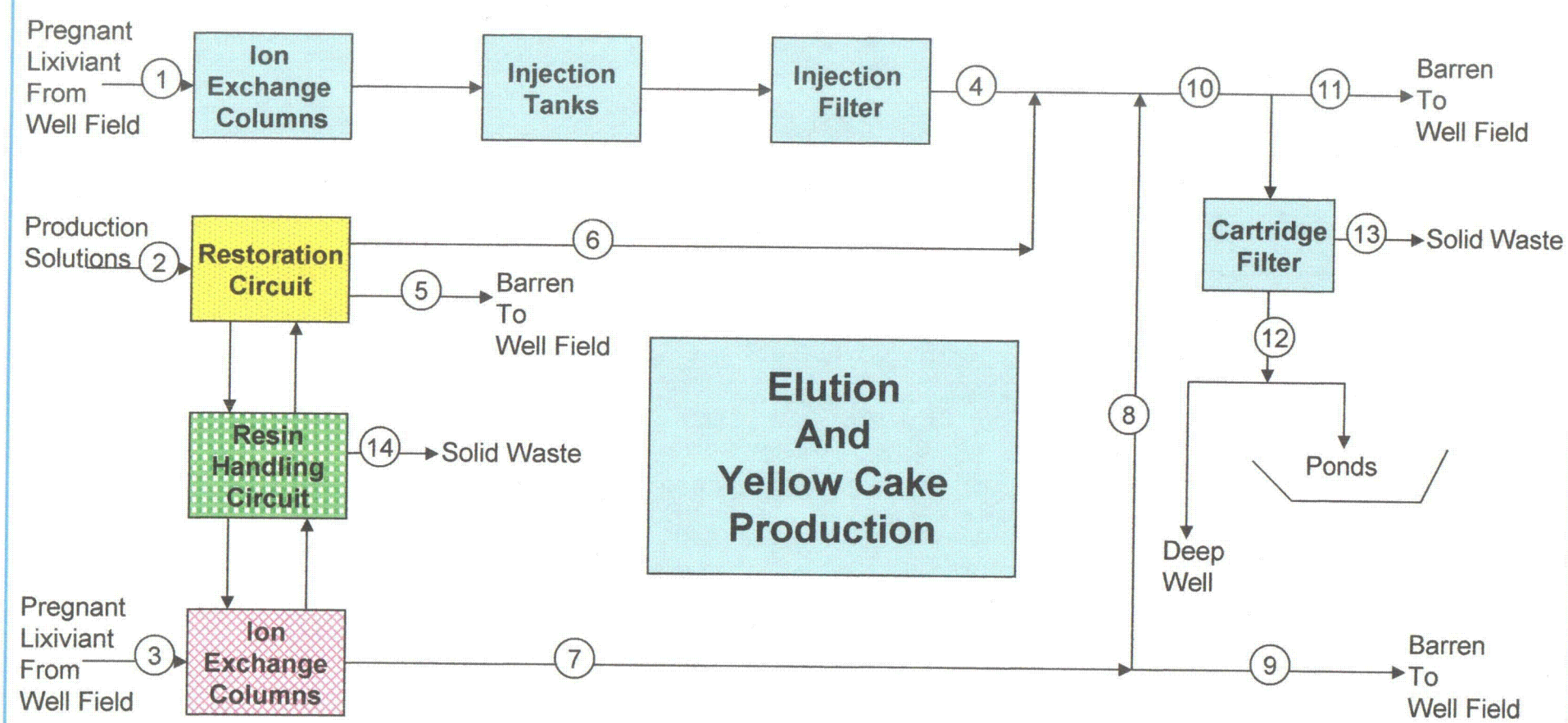
Stream #	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Gpm liquid	5000	1000		5000	920	80				5080	4960	120		
Lbs solids/yr													4500	3500
Ppm U_3O_8	42	10		1.7	<1	<1				1.7	1.7	1.6		

Legend

- Existing
- Relocation
- Upgrade

FIGURE C2-PLANT MASS BALANCE

PROPOSED 9,000 GPM PLANT



Stream #	1	2	3	4	5	6	7	8	9	10	11	12	13	14
Gpm liquid	5000	1000	4000	5000	920	80	4000	20	3980	5100	4980	120		
Lbs solids/yr													8000	6400
Ppm U_3O_8	42	10	28	1.7	<1	<1	1.7	1.7	1.7	1.7	1.7	1.6		

Legend

- Existing
- Relocation
- Upgrade
- New

Site Specific Information

Crow Butte Project

North Trend Satellite

PARAMETER	VALUE
Average ore quality, U_3O_8, in ore body	0.27 percent
Ore radon activity, assuming equilibrium with U-238	761 pCi/g
Operating days per year (plant factor)	365 days
Dimensions of ore body	
Area per year to be mined	20 acres
Average thickness of body	5 ft
Average screened interval	15.1 ft
Average production flow rate (Satellite Facility)	4500 gpm
Average production flow rate (Main Facility)	9000 gpm
Formation porosity	29 percent
Process recovery	95 percent
Leaching efficiency	60 percent
Rock density	1.89 g/cm^3
Restoration flow rate (Satellite Facility)	500 gpm
Restoration flow rate (Main Facility)	1000 gpm
Restoration Residence time	35 days
Production cell parameters	
Residence time	7 days
Type of cell pattern	variable
Average cell area	10,000 ft^2
Average cell flow rate	121 lpm
Source stack description (Main)	
Stack height	15.9 m
Stack diameter	0.30 m
Stack velocity	11 m/sec
Source stack description (Satellite)	
Stack height	10 m
Stack diameter	0.2
Stack velocity	10 m/sec

ft/ft^2 = feet/square feet
g/cm^3 = grams per cubic centimeter
gpm = gallons per minute
lpm = liters per minute
m = meter
m2/sce = meters squared per second
pCi/g = picoCuries per gram

Source Coordinates
North Trend Satellite

Source	East (km)	North (km)	Rn-222 (Curies)
1. Plant Vent	0.00	0.00	4603
2. Satellite Plant Vent	-5.30	9.60	342
3. MU-2-4 (restoration)	-0.30	0.16	350
4. MU-5	0.0	0.74	454
5. MU-6&8	1.92	-1.20	908
6. MU 7&9	0.00	-0.74	908
7. North Trend Well field	-5.30	9.60	1320

Sources 2 and 7 are from the proposed North Trend Satellite Facility operating at 4500 gpm using upflow IX columns and 500 gpm restoration flow using downflow IX and reverse osmosis. Resin from the North Trend Satellite is transferred to the Crow Butte processing facility for elution and precipitation.

All other sources are from the existing Crow Butte processing facility operating at 5000 gpm production flow using downflow IX columns, 4000 gpm production flow using pressurized upflow IX colums, and a 1000 gpm restoration flow using downflow IX and reverse osmosis.

Individual Receptor Location Data

Location	X (km)	Y (km)	Distance (km)
1. R1	-1.21	-0.44	1.29
2. R2	-1.95	1.95	2.76
3. R3	-1.89	2.71	3.30
4. R4	-3.34	2.80	4.36
5. R5	-3.57	3.99	5.35
6. CRAWFORD	-4.39	4.45	6.25
7. R7	-1.99	3.96	4.43
8. R8	-1.99	3.60	4.11
9. R9	-1.57	3.23	3.59
10. R10	-1.16	2.80	3.03
11. R11	-1.78	2.77	3.29
12. R12	-0.30	2.35	2.35
13. R13	0.03	1.49	1.49
14. R14	0.51	0.98	1.10
15. R15	0.52	0.34	0.62
16. R16	1.31	0.30	1.34
17. R17	1.31	-0.34	1.35
18. EHLERS	0.73	-0.06	0.73
19. GIBBONS	0.73	0.73	1.03
20. STETSON	-0.46	1.22	1.30
21. KNODE	-1.89	2.68	3.28
22. BROTT	-1.37	1.34	1.92
23. SP 1	0.73	0.15	0.75
24. SP 2	0.67	0.58	0.89
25. SP 3	0.67	0.91	1.13
26. McDOWELL	-2.16	4.36	4.87
27. TAGGART	-1.89	4.45	4.83
28. FRANEY	-0.98	4.76	4.86
29. BUNCH	1.01	4.27	4.39
30. DYER	-2.44	0.55	2.50
31. NT-1	-3.97	11.33	12.01
32. NT-2	-4.12	8.93	9.83
33. NT-3	-4.75	7.87	9.19
34. NT-4	-5.82	6.69	8.87
35. NT-5	-4.61	6.76	8.18
36. NT-6	-7.20	11.65	13.70
37. NT-7	-8.25	9.86	12.86
38. NT-8	-0.44	2.76	2.79

Calculation Of Annual Radon Emissions
Crow Butte Resources Project Main Processing Site
5,000 gpm Upflow/4,000 gpm Pressurized Down flow

---

1) To calculate radon release from leaching assuming that U-238 is in equilibrium with all its decay products:

$Ci/m^3 = 761\ pCi/g\ ore \times 1.89\ g/cm^3 \times 0.2 \times 0.71/0.29 \times 10^6 = 7.04 \times 10^{-4}\ Ci/m^3$

Where: 0.2 = Emanating Power
0.71 = 1-Porosity
0.29 = Porosity

Total radon in solution for 9,000 gpm is then:

$7.04 \times 10^{-4}\ Ci/m^3 \times 34069\ lpm \times (0.72) \times 365\ d/yr \times 1.44 = 9077\ Ci/yr$

Where: 34069 = liters per minute production
0.72 $=1-e^{-(\lambda t)}$
λ= Rn-222 decay constant (0.182 d^{-1})
t= production residence time (7 d)
1.44 = constant

2) Total radon in solution from restoration is given by:
$7.04 \times 10^{-4}\ Ci/m^3 \times 3785\ lpm \times 365\ d/yr \times (0.99) \times 1.44 = 1387\ Ci/yr$

Where: 3785 = Restoration flow in liter per minute
0.99 $=1-e^{-(\lambda t)}$
λ= Rn-222 decay constant (0.182 d^{-1})

t= restoration residence time (25 d)

1.44 = Constant

The total radon in solution for this proposed operation is then:

Production	9,077
Restoration	1,387
	10,462 Ci/yr

3) Actual Radon Release to the Environment

With 5,000 gpm being processed by upflow ion exchange columns, it is expected that all of the radon will be released to the environment and that 25% of the radon will be released in the well field and 75% will be released in the plant vent. The source term for the 5,000 gpm flow is 5,043 Ci/yr and the 25% released in the well field will be 1,261 Ci/yr and the 75% released in the plant will be 3,782 Ci/yr.

The 4,000 gpm of flow being processed by pressurized downflow ion exchange columns will release only a small fraction of the contained radon to the environment. Only about 10% of the contained radon will be released during regeneration and venting. It is also expected that 25% of the radon will be released in the well field. The source term for 4,000 gpm will be 4,034 Ci/yr and the 25% released in the well field will be 1,009 Ci/yr and the 10% of the remaining radon (3,026 Ci) will be 303 Ci/yr.

During restoration 1,000 gpm of recovered water will be processed by pressurized downflow ion exchange (IX) columns. After IX treatment, 400 gpm will be treated by reverse osmosis (RO). Only a small fraction of the contained radon will be released during ion exchange and virtually all of the contained radon will be released during RO treatment. The actual release of the source term of 1,387Ci of radon/yr will be as follows:

- 25% of the 1,387 Ci will be released in the well field-347 Ci/yr

- 10% of the radon in the 600 gpm to be treated by pressurized IX (Note: All of the radon in the 400 gpm to be treated by IX-RO will be released) will be released.

The calculation follows for the IX treatment:

(1387 Ci/yr – 347 Ci/yr (well field loss))x 600gpm/1000gpm x 0.10 = 62 Ci/yr

The calculation follows for the IX-RO treatment:

(1387 Ci/yr – 347 Ci/yr (well field loss))x 400gpm/1000gpm = 416 Ci/yr

A summary of the actual radon releases follows:

	Ci/yr Released	
5,000 gpm upflow		
Plant Vent	3782	
Well field	1260	
4,000 gpm Pressurized downflow		
Plant Vent	303	
Well field	1008	
1,000 gpm		
Restoration	825	
TOTAL RADON RELEASE*		7,178 Ci/yr

Calculation of Annual Radon Emissions
Crow Butte Project - North Trend Satellite Area

1) To calculate radon release from leaching, assuming that U-238 is in equilibrium with all its decay products:

$Ci/m^3 = (761\ pCi/g\ ore) \times (1.89\ g/cm^3) \times 0.2 \times (0.71/0.29) \times 10^{-6} = 7.04 \times 10^{-4}\ Ci/m^3$

Where:	0.2	=	Emanating Power
	0.71	=	1 - Porosity
	0.29	=	Porosity
	1.89	=	Rock Density

The yearly release is then:

$7.04 \times 10^{-4}\ Ci/m^3 \times 17034\ lpm \times (0.72) \times 365\ d/yr \times 1.44 = 4538\ Ci/yr$

Where:	17034	=	liters per minute (Production Rate)
	$\in$	=	$1-e^{-(\lambda t)}$
	$\in$	=	$1-e^{-(0.1812)(7d)}$
	$\in$	=	$1-e^{-(0.28)}$
	$\in$	=	0.72
	1.44	=	constant
	365	=	operating time

2) The radon release from start-up is given by:

$7.04 \times 10^{-4}\ Ci/m^3 \times 20\ acres \times 4074\ m^2/acre \times 1.52\ m \times 0.29 = 25\ Ci/yr$

Where:	4074	=	m^2/acre
	1.52	=	Thickness of ore body in meters
	0.29	=	Porosity

The total release of radon from the start-up solution and production lixiviant solution is:

Start-up solution	25 Ci/yr
Production	4538 Ci/yr
	4563 Ci/yr

3) The radon release from restoration is given by:

$7.04 \times 10^{-4}\ Ci/m^3 \times 1893\ lpm \times 365\ d/yr \times (0.99) \times 1.44 = 693\ Ci/yr$
$+ 25\ (start\text{-}up) = 719\ Ci/yr$

Where:	1893	=	Restoration flow in liters per minute
	$\in$	=	$1-e^{-(\lambda t)}$
	35	=	Restoration Residence time (t) in days
	$\in$	=	$1-e^{-(0.181)(35)}$

ϵ	=	0.99
1.44	=	constant

The total release from this in-situ satellite mining operation is then:

Production (includes start-up)	4563
Restoration (Includes Start-up)	719
	5282 Ci/yr

4) Actual Radon Release to the Environment

The 4500 gpm of production flow at the North Trend Satellite being processed by pressurized downflow ion exchange columns will release only a small fraction of the contained radon to the environment. Approximately 10 percent of the contained radon will be released during resin transfer and venting. It is also expected that 25 percent of the radon will be released in the well field. This releases is:

Well field Release = 4563 x 0.25 = 1140 Ci/yr

The remainder of the radon will go to the process plant where a conservative estimate of 10 percent of the radon is released via the plant vent. The estimated radon released is:

4563 Ci/yr - 1140 Ci/yr (well field) = 3423 Ci/yr
3423 Ci/yr x 0.1 (plant loss) = 342 Ci/yr released from plant vent

The radon released during production is 1140 Ci/yr from the well field and 342 Ci/yr from the plant vent for a total estimated release of 1482 Ci/yr.

During restoration, 500 gpm of recovered water will be processed by pressurized downflow ion exchange (IX) columns. After IX treatment, 200 gpm will be treated by reverse osmosis (RO). Only a small fraction of the contained radon will be released during ion exchange. The estimated release of the source term of 719 Ci of radon/yr (including start-up) is as follows:

- 25 percent of the 719 Ci/yr will be released in the Well field = 180 Ci/yr
- Assuming annual release from startup, production, and restoration, the total well field release rate is approximately 1140 Ci/yr +180 Ci/yr =1320 Ci/yr

Miscellaneous Data

Fraction of year during which cattle graze locally	Est. 67percent
Fraction of cattle feed obtained by grazing	Est. 90 percent
Fraction of stored cattle feed grown locally	Est. 10 percent
Acreage required to graze 1 animal unit (450 kg) for one month (AUM)	3.5 ha
Length of growing season	4 mo/yr
Fraction of locally produced vegetables consumed locally	Est. 100 percent
Fraction of locally produced meat consumed locally	Est. 10 percent
Fraction of locally produced milk consumed locally	Est. 100 percent

Estimates based on personal communication with the Sioux County, Nebraska Agricultural Extension Educator located in Harrison, Nebraska (Ms. Jenny Nixon).

AUM = animal units per month
ha = hectares
kg = kilogram
mo/yr = months per year

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REGION: Crow Butte North Trend CODE: MILDOS-AREA (02/97) PAGE 2
METSET: DATA: CBRMAIN.MIL 03/26/07
JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM FREQWS=0.10263,0.28970,0.30245,0.21999,0.07389,0.01933

MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W	WNW	NW	NNW	TOTALS
STABILITY CLASS 1																	
1.5	0.0560	0.1420	0.0930	0.0370	0.0680	0.0190	0.0560	0.0250	0.0560	0.0310	0.0430	0.0370	0.0370	0.0430	0.0370	0.0870	0.8670
5.5	0.4880	0.4950	0.4820	0.2470	0.1110	0.0490	0.0990	0.1420	0.2100	0.1110	0.2100	0.1170	0.0990	0.0800	0.1300	0.2230	3.2930
10.0	0.1480	0.1670	0.0740	0.0310	0.0430	0.0120	0.0930	0.0930	0.0870	0.1170	0.0870	0.0870	0.0990	0.0560	0.0870	0.1050	1.3860
15.5	0.0060	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0000	0.0120	0.0000	0.0000	0.0060	0.0250	0.0060	0.0250	0.0920
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	0.6980	0.8100	0.6490	0.3150	0.2220	0.0800	0.2480	0.2660	0.3530	0.2710	0.3400	0.2410	0.2410	0.2040	0.2600	0.4400	5.6380
STABILITY CLASS 2																	
1.5	0.0740	0.0990	0.0680	0.0620	0.0120	0.0430	0.0060	0.0490	0.0800	0.0740	0.0680	0.0430	0.0310	0.0490	0.0190	0.0310	0.8080
5.5	0.1980	0.2600	0.3890	0.1300	0.0620	0.0430	0.0930	0.0870	0.0740	0.1480	0.2350	0.1480	0.0990	0.0800	0.0800	0.1110	2.2370
10.0	0.4080	0.2780	0.4020	0.2100	0.0560	0.0800	0.1670	0.1790	0.2970	0.1670	0.1850	0.1920	0.1730	0.1550	0.2970	0.3650	3.6110
15.5	0.0490	0.0250	0.0370	0.0190	0.0060	0.0000	0.0190	0.0370	0.0680	0.0560	0.0430	0.0620	0.0310	0.0250	0.0800	0.1240	0.6810
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0060	0.0000	0.0060	0.0060	0.0240
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	0.7290	0.6620	0.8960	0.4210	0.1360	0.1660	0.2850	0.3520	0.5190	0.4450	0.5310	0.4510	0.3400	0.3090	0.4820	0.6370	7.3610
STABILITY CLASS 3																	
1.5	0.0800	0.0680	0.0990	0.0490	0.0000	0.0250	0.0190	0.0490	0.1050	0.1240	0.1110	0.1050	0.0120	0.0190	0.0430	0.0430	0.9510
5.5	0.1670	0.2840	0.2470	0.1110	0.0620	0.0370	0.0740	0.0800	0.1790	0.3280	0.3650	0.3280	0.0990	0.0560	0.0800	0.1550	2.6520
10.0	0.2910	0.3150	0.6180	0.3210	0.8000	0.0990	0.1980	0.2410	0.5750	0.4270	0.5070	0.3890	0.2160	0.1110	0.4020	0.3710	5.8810
15.5	0.0800	0.0930	0.1300	0.1050	0.0310	0.0250	0.0800	0.1610	0.0800	0.0930	0.1300	0.1050	0.0310	0.0250	0.0800	0.1610	1.4100
21.5	0.0800	0.0930	0.1300	0.1050	0.0000	0.0250	0.0800	0.1610	0.0000	0.0000	0.0120	0.0060	0.0120	0.0060	0.0060	0.0000	0.7160
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0000	0.0000	0.0000	0.0000	0.0060
ALL	0.6980	0.8530	1.2240	0.6910	0.8930	0.2110	0.4510	0.6920	0.9390	0.9720	1.1250	0.9390	0.3700	0.2170	0.6110	0.7300	11.6160
STABILITY CLASS 4																	
1.5	0.0870	0.0800	0.0680	0.0190	0.0120	0.0060	0.0310	0.0680	0.1730	0.1110	0.0870	0.0870	0.0490	0.0250	0.0250	0.0190	0.9470
5.5	0.2660	0.5750	0.7850	0.2410	0.0310	0.1300	0.2160	0.9150	0.8590	0.7050	1.0880	0.3150	0.1050	0.0870	0.1610	0.2530	6.7320
10.0	0.5870	1.2050	1.3110	0.4080	0.1420	0.1790	0.3650	0.7730	1.8400	1.9660	2.9860	1.1750	0.3280	0.4700	0.8220	0.9270	15.4840
15.5	0.4270	1.4900	1.3970	0.2600	0.1110	0.0680	0.2660	1.3400	4.0000	1.8540	1.9530	1.4090	0.5320	0.7170	2.6400	1.2100	19.6740
21.5	0.1050	0.4570	0.2350	0.0310	0.0190	0.0000	0.0930	0.6240	1.8400	0.3890	0.1480	0.2780	0.2410	0.3400	1.3790	0.4640	6.6430
28.0	0.0120	0.0990	0.0430	0.0000	0.0000	0.0000	0.0060	0.1730	0.2970	0.0620	0.0120	0.0800	0.0990	0.1420	0.7970	0.1050	1.9270
ALL	1.4840	3.9060	3.8390	0.9590	0.3150	0.3830	0.9770	3.8930	9.0090	5.0870	6.2740	3.3440	1.3540	1.7810	5.8240	2.9780	51.4070
STABILITY CLASS 5																	
1.5	0.1300	0.1480	0.1480	0.0680	0.0250	0.0430	0.0740	0.2600	0.3400	0.3210	0.2720	0.1610	0.0990	0.0560	0.0680	0.0930	2.3060
5.5	0.4450	0.4270	0.5070	0.1920	0.1110	0.0990	0.2780	1.1600	1.6900	1.6070	1.2490	0.4390	0.1480	0.1480	0.1790	0.2040	8.8830
10.0	0.0990	0.2780	0.2910	0.1110	0.0310	0.0680	0.1300	0.1610	0.6610	0.4270	0.8650	0.3770	0.0560	0.1240	0.1300	0.0740	3.8830
15.5	0.0060	0.0000	0.0120	0.0000	0.0000	0.0000	0.0190	0.0120	0.0250	0.0060	0.0190	0.0060	0.0060	0.0000	0.0310	0.0000	0.1420
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060	0.0000	0.0000	0.0000	0.0000	0.0000	0.0060
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	0.6800	0.8530	0.9580	0.3710	0.1670	0.2100	0.5010	1.5930	2.7160	2.3610	2.4110	0.9830	0.3090	0.3280	0.4080	0.3710	15.2200
STABILITY CLASS 6																	
1.5	0.3210	0.1610	0.0930	0.1360	0.1240	0.1730	0.1670	0.3650	0.7290	0.7050	0.6310	0.2660	0.1730	0.0800	0.1300	0.1300	4.3840
5.5	0.1610	0.1300	0.1360	0.0740	0.0430	0.0990	0.1730	0.4640	1.1800	1.2800	0.7790	0.2530	0.1420	0.0930	0.1170	0.0490	5.1730
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	0.4820	0.2910	0.2290	0.2100	0.1670	0.2720	0.3400	0.8290	1.9090	1.9850	1.4100	0.5190	0.3150	0.1730	0.2470	0.1790	9.5570
ALL	4.7710	7.3750	7.7950	2.9670	1.9000	1.3220	2.8020	7.6250	15.4450	11.1210	12.0910	6.4770	2.9290	3.0120	7.8320	5.3350	100.7990

INDIVIDUAL RECEPTOR LOCATION DATA, 38 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	R1	-1.21	-0.44	0.00	1.29	10	20	STETSON	-0.46	1.22	0.00	1.30	10
2	R2	-1.95	1.95	0.00	2.76	10	21	KNODE	-1.89	2.68	0.00	3.28	10
3	R3	-1.89	2.71	0.00	3.30	10	22	BROTT	-1.37	1.34	0.00	1.92	10
4	R4	-3.34	2.80	0.00	4.36	10	23	SP1	0.73	0.15	0.00	0.75	10
5	R5	-3.57	3.99	0.00	5.35	10	24	SP2	0.67	0.58	0.00	0.89	10
6	CRAWFORD	-4.39	4.45	0.00	6.25	10	25	SP3	0.67	0.91	0.00	1.13	10
7	R7	-1.99	3.96	0.00	4.43	10	26	McDOWELL	-2.16	4.36	0.00	4.87	10
8	R8	-1.99	3.60	0.00	4.11	10	27	TAGGART	-1.89	4.45	0.00	4.83	10
9	R9	-1.57	3.23	0.00	3.59	10	28	FRANEY	-0.98	4.76	0.00	4.86	10
10	R10	-1.16	2.80	0.00	3.03	10	29	BUNCH	1.01	4.27	0.00	4.39	10
11	R11	-1.78	2.77	0.00	3.29	10	30	DYER	-2.44	0.55	0.00	2.50	10
12	R12	-0.30	2.35	0.00	2.37	10	31	NT-1	-3.97	11.33	0.00	12.01	10
13	R13	0.03	1.49	0.00	1.49	10	32	NT-2	-4.12	8.93	0.00	9.83	10
14	R14	0.51	0.98	0.00	1.10	10	33	NT-3	-4.75	7.87	0.00	9.19	10
15	R15	0.52	0.34	0.00	0.62	10	34	NT-4	-5.82	6.69	0.00	8.87	10
16	R16	1.31	0.30	0.00	1.34	10	35	NT-5	-4.61	6.76	0.00	8.18	10
17	R17	1.31	-0.34	0.00	1.35	10	36	NT-6	-7.20	11.65	0.00	13.70	10
18	EHLERS	0.73	-0.06	0.00	0.73	10	37	NT-7	-8.25	9.86	0.00	12.86	10
19	GIBBONS	0.73	0.73	0.00	1.03	10	38	NT-8	-0.44	2.76	0.00	2.79	10

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)	FPR(2)	FPR(3)	ACTRAT
100.0	100.0	2006.00	0.90	0.10	0.90	0.10	87000.00	4000.00	0.00	2.50

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

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

TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1	10-Year Action Perio	5.00	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	2	0	0	0	1	2	0	0	0	2	2
2.0- 3.0	0	0	0	0	0	3	0	0	0	0	4	0	6	0	0	2
3.0- 4.0	0	0	0	0	0	0	4	0	0	0	0	2	0	0	2	0
4.0- 5.0	0	1	1	0	0	0	4	6	0	0	0	0	0	2	0	5
5.0-10.0	15	2	6	10	0	5	13	1	10	5	4	13	6	84	1308	21
10.0-20.0	39	111	39	39	39	39	39	39	39	39	28	24	39	23	28	21
20.0-30.0	65	65	65	65	65	65	65	94	110	58	35	35	35	35	35	54
30.0-40.0	95	92	91	5982	91	91	124	91	192	64	49	49	49	49	49	61
40.0-50.0	145	142	124	157	140	125	238	1367	243	67	61	61	422	61	63	146
50.0-60.0	178	185	290	232	1047	249	301	301	283	76	76	84	300	79	119	178
60.0-70.0	210	400	488	647	302	302	338	354	299	89	89	242	199	106	191	209
70.0-80.0	242	365	572	3077	1563	348	364	10290	1186	1077	157	354	239	127	187	381
1.0-80.0	989	1363	1676	10209	3247	1229	1490	12543	2362	1476	505	864	1295	566	1984	1080

TOTAL 1-80 KM POPULATION IS 42878 PERSONS

NUMBER OF SOURCES= 7

NO.	KM X	KM Y	M Z	KM2 AREA	CI/YEAR U-238	Th-230	Ra-226	Pb-210	Rn-222	ID	PSIZE SET	M/SEC EXIT VEL	SOURCE NAME
1	0.00	0.00	15.90	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.60E+03	1001	1	1.16E+01	Main Plant Stac
2	-5.30	9.60	6.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.42E+02	1002	1	1.00E+01	Satellite Stack
3	-0.30	0.16	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.50E+02	1003	1	0.00E+00	MU 2,3,4
4	0.00	0.74	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.54E+02	1004	1	0.00E+00	MU 5
5	-1.20	1.80	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E+02	1005	1	0.00E+00	MU 6&8
6	0.00	-0.74	0.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	9.08E+02	1006	1	0.00E+00	MU 7&9
7	-5.30	9.60	10.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.32E+03	1007	1	0.00E+00	North Trend Wel

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, 1 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 5.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
5	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
6	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
7	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 1 TIME STEP(S) USED FOR THIS RUN

SOURCE NUMBER	TSTEP 1 5.00YRS	TSTEP 2 5.00YRS	TSTEP 3 5.00YRS	TSTEP 4 5.00YRS	TSTEP 5 5.00YRS	TSTEP 6 5.00YRS	TSTEP 7 5.00YRS	TSTEP 8 5.00YRS	TSTEP 9 5.00YRS	TSTEP10 5.00YRS
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
5	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
6	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
7	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

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	3.784E+02	3.118E+02	8.581E+01	3.019E+01	3.213E-05	8.689E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.107E+02	1.947E+02	8.090E+01	3.988E+01	5.942E-05	7.594E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.447E+02	1.395E+02	7.206E+01	4.256E+01	8.778E-05	6.678E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.012E+02	9.953E+01	5.976E+01	3.978E+01	1.108E-04	5.539E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.372E+01	5.351E+01	3.903E+01	2.984E+01	1.517E-04	3.643E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.186E+01	3.186E+01	2.664E+01	2.223E+01	2.086E-04	2.508E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.588E+01	1.588E+01	1.483E+01	1.354E+01	2.212E-04	1.421E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.035E+01	1.036E+01	1.001E+01	9.497E+00	2.201E-04	9.687E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.515E+00	7.519E+00	7.394E+00	7.163E+00	2.154E-04	7.195E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.826E+00	5.829E+00	5.785E+00	5.676E+00	2.100E-04	5.650E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.715E+00	4.718E+00	4.706E+00	4.655E+00	2.048E-04	4.608E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.936E+00	3.938E+00	3.940E+00	3.918E+00	1.999E-04	3.864E-

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	2.470E+02	2.470E+02	2.470E+02	1.362E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.542E+02	1.542E+02	1.542E+02	2.519E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.105E+02	1.105E+02	1.105E+02	3.722E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.883E+01	7.883E+01	7.883E+01	4.698E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.238E+01	4.238E+01	4.238E+01	6.431E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.523E+01	2.523E+01	2.523E+01	8.843E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.258E+01	1.258E+01	1.258E+01	9.377E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.205E+00	8.205E+00	8.205E+00	9.332E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.955E+00	5.955E+00	5.955E+00	9.132E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.617E+00	4.617E+00	4.617E+00	8.905E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.737E+00	3.737E+00	3.737E+00	8.682E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.119E+00	3.119E+00	3.119E+00	8.474E+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	9.639E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.782E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.633E-07
4.5	0.000E+00	0.000E+00	0.000E+00	3.325E-07
7.5	0.000E+00	0.000E+00	0.000E+00	4.551E-07
15.0	0.000E+00	0.000E+00	0.000E+00	6.257E-07
25.0	0.000E+00	0.000E+00	0.000E+00	6.635E-07
35.0	0.000E+00	0.000E+00	0.000E+00	6.603E-07
45.0	0.000E+00	0.000E+00	0.000E+00	6.462E-07
55.0	0.000E+00	0.000E+00	0.000E+00	6.301E-07
65.0	0.000E+00	0.000E+00	0.000E+00	6.143E-07
75.0	0.000E+00	0.000E+00	0.000E+00	5.996E-07

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

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	7.344E+01	6.456E+01	2.411E+01	1.084E+01	1.877E-05	2.292E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.838E+01	3.649E+01	1.874E+01	1.105E+01	2.488E-05	1.738E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.578E+01	2.520E+01	1.537E+01	1.046E+01	3.087E-05	1.429E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.960E+01	1.937E+01	1.305E+01	9.624E+00	3.647E-05	1.220E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.125E+01	1.123E+01	8.721E+00	7.057E+00	4.580E-05	8.210E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.053E+00	5.055E+00	4.510E+00	3.968E+00	5.116E-05	4.287E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.841E+00	2.842E+00	2.708E+00	2.529E+00	5.242E-05	2.609E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.950E+00	1.951E+00	1.908E+00	1.836E+00	5.230E-05	1.853E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.466E+00	1.466E+00	1.452E+00	1.420E+00	5.156E-05	1.417E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E+00	1.164E+00	1.160E+00	1.146E+00	5.064E-05	1.135E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.567E-01	9.572E-01	9.570E-01	9.509E-01	4.963E-05	9.385E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.071E-01	8.076E-01	8.090E-01	8.067E-01	4.862E-05	7.943E-

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	5.114E+01	5.114E+01	5.114E+01	7.956E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.890E+01	2.890E+01	2.890E+01	1.055E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.996E+01	1.996E+01	1.996E+01	1.309E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.534E+01	1.534E+01	1.534E+01	1.546E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.892E+00	8.892E+00	8.892E+00	1.942E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.003E+00	4.003E+00	4.003E+00	2.169E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.251E+00	2.251E+00	2.251E+00	2.222E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.546E+00	1.546E+00	1.546E+00	2.217E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.162E+00	1.162E+00	1.162E+00	2.186E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.219E-01	9.219E-01	9.219E-01	2.147E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.582E-01	7.582E-01	7.582E-01	2.104E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.396E-01	6.396E-01	6.396E-01	2.061E+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	5.630E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.464E-08
3.5	0.000E+00	0.000E+00	0.000E+00	9.261E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.094E-07
7.5	0.000E+00	0.000E+00	0.000E+00	1.374E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.535E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.573E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.569E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.547E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.519E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.489E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.458E-07

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

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	1.542E+02	1.342E+02	4.137E+01	1.507E+01	2.227E-05	4.042E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.761E+01	6.492E+01	3.287E+01	1.836E+01	3.633E-05	3.020E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.464E+01	4.395E+01	2.723E+01	1.825E+01	4.977E-05	2.514E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.352E+01	3.329E+01	2.305E+01	1.697E+01	6.080E-05	2.144E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.934E+01	1.933E+01	1.563E+01	1.283E+01	8.252E-05	1.470E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.184E+00	9.188E+00	8.465E+00	7.625E+00	9.975E-05	8.082E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.257E+00	5.260E+00	5.112E+00	4.878E+00	1.041E-04	4.953E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.612E+00	3.614E+00	3.577E+00	3.500E+00	1.041E-04	3.492E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.714E+00	2.716E+00	2.709E+00	2.682E+00	1.028E-04	2.654E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.153E+00	2.154E+00	2.156E+00	2.148E+00	1.010E-04	2.116E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	1.771E+00	1.776E+00	1.774E+00	9.914E-05	1.744E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.494E+00	1.494E+00	1.500E+00	1.502E+00	9.729E-05	1.475E-

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	1.063E+02	1.063E+02	1.063E+02	9.444E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.142E+01	5.142E+01	5.142E+01	1.541E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.481E+01	3.481E+01	3.481E+01	2.110E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.636E+01	2.636E+01	2.636E+01	2.578E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.531E+01	1.531E+01	1.531E+01	3.499E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.278E+00	7.278E+00	7.278E+00	4.229E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.166E+00	4.166E+00	4.166E+00	4.415E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.862E+00	2.862E+00	2.862E+00	4.413E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.151E+00	2.151E+00	2.151E+00	4.357E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.706E+00	1.706E+00	1.706E+00	4.283E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.402E+00	1.402E+00	1.402E+00	4.203E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.184E+00	1.184E+00	1.184E+00	4.125E+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	6.682E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.090E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.493E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.824E-07
7.5	0.000E+00	0.000E+00	0.000E+00	2.476E-07
15.0	0.000E+00	0.000E+00	0.000E+00	2.993E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.124E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.123E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.083E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.030E-07
65.0	0.000E+00	0.000E+00	0.000E+00	2.974E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.919E-07

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

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	5.886E+01	5.323E+01	2.109E+01	9.545E+00	1.681E-05	1.973E-
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.654E+01	3.468E+01	1.677E+01	9.490E+00	2.297E-05	1.561E-
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.429E+01	2.374E+01	1.377E+01	9.113E+00	2.957E-05	1.282E-
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.745E+01	1.730E+01	1.158E+01	8.512E+00	3.534E-05	1.083E-
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.072E+01	1.071E+01	8.339E+00	6.675E+00	4.137E-05	7.821E-
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.608E+00	5.611E+00	4.882E+00	4.115E+00	4.193E-05	4.588E-
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.475E+00	2.476E+00	2.363E+00	2.191E+00	3.842E-05	2.270E-
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.558E+00	1.559E+00	1.534E+00	1.482E+00	3.670E-05	1.491E-
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.133E+00	1.134E+00	1.129E+00	1.112E+00	3.538E-05	1.104E-
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.794E-01	8.799E-01	8.804E-01	8.754E-01	3.423E-05	8.635E-
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.121E-01	7.125E-01	7.145E-01	7.137E-01	3.320E-05	7.018E-
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.941E-01	5.945E-01	5.968E-01	5.975E-01	3.227E-05	5.867E-

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	4.216E+01	4.216E+01	4.216E+01	7.126E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.747E+01	2.747E+01	2.747E+01	9.738E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.880E+01	1.880E+01	1.880E+01	1.254E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.370E+01	1.370E+01	1.370E+01	1.498E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.482E+00	8.482E+00	8.482E+00	1.754E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.444E+00	4.444E+00	4.444E+00	1.778E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.961E+00	1.961E+00	1.961E+00	1.629E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.235E+00	1.235E+00	1.235E+00	1.556E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.980E-01	8.980E-01	8.980E-01	1.500E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.969E-01	6.969E-01	6.969E-01	1.451E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.643E-01	5.643E-01	5.643E-01	1.407E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.708E-01	4.708E-01	4.708E-01	1.368E+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	5.043E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.890E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.870E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.060E-07
7.5	0.000E+00	0.000E+00	0.000E+00	1.241E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.258E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.153E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.061E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.959E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.681E-08

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.661E-04	5.941E-04	1.050E-03	1.528E-03	2.283E-03	2.735E-03	3.146E-03	3.540
NNE	0.000E+00	0.000E+00	0.000E+00	7.553E-06	2.081E-05	1.468E-03	9.590E-04	1.359E-03	2.060E-03	2.620E-03	5.523E-03	4.914
NE	0.000E+00	0.000E+00	0.000E+00	6.482E-06	5.345E-05	4.406E-04	7.947E-04	1.135E-03	1.557E-03	3.614E-03	6.001E-03	6.925
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-05	2.480E-04	4.364E-04	4.080E-02	1.076E-03	1.581E-03	4.363E-03	2.048
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.457E-04	2.490E-04	3.479E-04	5.278E-04	3.879E-03	1.097E-03	5.564
ESE	2.501E-06	4.696E-06	0.000E+00	0.000E+00	1.249E-05	1.088E-04	1.846E-04	2.563E-04	3.474E-04	6.813E-04	8.126E-04	9.213
SE	0.000E+00	0.000E+00	8.129E-06	9.400E-06	3.810E-05	1.316E-04	2.277E-04	4.382E-04	8.398E-04	1.055E-03	1.173E-03	1.250
SSE	0.000E+00	0.000E+00	0.000E+00	1.599E-05	3.355E-06	1.521E-04	3.839E-04	3.752E-04	5.617E-03	1.226E-03	1.427E-03	4.101
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.026E-05	2.842E-04	8.370E-04	1.461E-03	1.826E-03	2.091E-03	2.170E-03	8.448
SSW	1.680E-06	0.000E+00	0.000E+00	0.000E+00	2.869E-05	2.715E-04	4.239E-04	4.719E-04	4.921E-04	5.530E-04	6.401E-04	7.646
SW	3.267E-06	9.922E-06	0.000E+00	0.000E+00	2.102E-05	1.700E-04	2.240E-04	3.209E-04	4.015E-04	4.987E-04	5.799E-04	1.014
WSW	0.000E+00	0.000E+00	5.319E-06	0.000E+00	5.218E-05	1.051E-04	1.540E-04	2.128E-04	2.585E-04	3.469E-04	9.747E-04	1.392
W	0.000E+00	1.006E-05	0.000E+00	0.000E+00	1.813E-05	1.194E-04	9.825E-05	1.314E-04	1.092E-03	7.511E-04	4.834E-04	5.646
WNW	0.000E+00	0.000E+00	0.000E+00	5.216E-06	2.769E-04	7.491E-05	1.084E-04	1.512E-04	1.851E-04	2.343E-04	3.066E-04	3.584
NW	2.520E-06	0.000E+00	4.089E-06	0.000E+00	4.580E-03	9.428E-05	1.285E-04	1.792E-04	2.263E-04	4.183E-04	6.562E-04	6.281
NNW	3.371E-06	5.510E-06	0.000E+00	2.438E-05	1.324E-04	1.865E-04	4.931E-04	5.422E-04	1.259E-03	1.490E-03	1.700E-03	3.017

TOTAL DOSE COMMITMENT IS 2.492E-01 PERSON-REM/YR

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.348E-03	4.819E-03	8.518E-03	1.239E-02	1.850E-02	2.215E-02	2.548E-02	2.866
NNE	0.000E+00	0.000E+00	0.000E+00	6.130E-05	1.688E-04	1.191E-02	7.777E-03	1.101E-02	1.669E-02	2.122E-02	4.472E-02	3.977
NE	0.000E+00	0.000E+00	0.000E+00	5.260E-05	4.337E-04	3.574E-03	6.444E-03	9.201E-03	1.261E-02	2.927E-02	4.860E-02	5.605
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.278E-04	2.012E-03	3.538E-03	3.307E-01	8.718E-03	1.281E-02	3.533E-02	1.658
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.182E-03	2.019E-03	2.820E-03	4.277E-03	3.141E-02	8.881E-03	4.502
ESE	2.029E-05	3.810E-05	0.000E+00	0.000E+00	1.014E-04	8.828E-04	1.497E-03	2.077E-03	2.815E-03	5.518E-03	6.579E-03	7.456
SE	0.000E+00	0.000E+00	6.596E-05	7.627E-05	3.091E-04	1.067E-03	1.846E-03	3.552E-03	6.805E-03	8.545E-03	9.502E-03	1.012
SSE	0.000E+00	0.000E+00	0.000E+00	1.298E-04	2.722E-05	1.234E-03	3.113E-03	3.041E-03	4.551E-02	9.931E-03	1.156E-02	3.319
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.889E-04	2.305E-03	6.787E-03	1.184E-02	1.480E-02	1.694E-02	1.756E-02	6.836
SSW	1.363E-05	0.000E+00	0.000E+00	0.000E+00	2.328E-04	2.203E-03	3.437E-03	3.825E-03	3.987E-03	4.479E-03	5.183E-03	6.189
SW	2.651E-05	8.052E-05	0.000E+00	0.000E+00	1.706E-04	1.379E-03	1.817E-03	2.601E-03	3.253E-03	4.040E-03	4.696E-03	8.206
WSW	0.000E+00	0.000E+00	4.316E-05	0.000E+00	4.234E-04	8.526E-04	1.249E-03	1.725E-03	2.094E-03	2.810E-03	7.893E-03	1.127
W	0.000E+00	8.165E-05	0.000E+00	0.000E+00	1.471E-04	9.688E-04	7.967E-04	1.065E-03	8.845E-03	6.084E-03	3.914E-03	4.569
WNW	0.000E+00	0.000E+00	0.000E+00	4.232E-05	2.247E-03	6.077E-04	8.788E-04	1.226E-03	1.500E-03	1.897E-03	2.482E-03	2.900
NW	2.045E-05	0.000E+00	3.318E-05	0.000E+00	3.717E-02	7.648E-04	1.042E-03	1.453E-03	1.834E-03	3.388E-03	5.313E-03	5.084
NNW	2.736E-05	4.471E-05	0.000E+00	1.978E-04	1.075E-03	1.513E-03	3.999E-03	4.395E-03	1.020E-02	1.207E-02	1.377E-02	2.442

TOTAL DOSE COMMITMENT IS 2.019E+00 PERSON-REM/YR

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS AVG.LUNG

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.922E-05	6.976E-05	1.261E-04	1.876E-04	2.866E-04	3.507E-04	4.122E-04	4.736
NNE	0.000E+00	0.000E+00	0.000E+00	8.689E-07	2.408E-06	1.727E-04	1.153E-04	1.670E-04	2.588E-04	3.363E-04	7.241E-04	6.579
NE	0.000E+00	0.000E+00	0.000E+00	7.461E-07	6.189E-06	5.189E-05	9.570E-05	1.397E-04	1.955E-04	4.634E-04	7.854E-04	9.244
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.114E-06	2.926E-05	5.271E-05	5.039E-03	1.359E-04	2.040E-04	5.750E-04	2.756
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.723E-05	3.015E-05	4.312E-05	6.694E-05	5.031E-04	1.455E-04	7.538
ESE	2.898E-07	5.436E-07	0.000E+00	0.000E+00	1.456E-06	1.289E-05	2.237E-05	3.175E-05	4.399E-05	8.814E-05	1.074E-04	1.243
SE	0.000E+00	0.000E+00	9.414E-07	1.090E-06	4.438E-06	1.558E-05	2.755E-05	5.413E-05	1.058E-04	1.355E-04	1.536E-04	1.666
SSE	0.000E+00	0.000E+00	0.000E+00	1.853E-06	3.908E-07	1.802E-05	4.648E-05	4.640E-05	7.092E-04	1.580E-04	1.876E-04	5.493
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.004E-06	3.363E-05	1.015E-04	1.813E-04	2.319E-04	2.716E-04	2.880E-04	1.146
SSW	1.941E-07	0.000E+00	0.000E+00	0.000E+00	3.337E-06	3.213E-05	5.126E-05	5.830E-05	6.208E-05	7.122E-05	8.412E-05	1.025
SW	3.774E-07	1.145E-06	0.000E+00	0.000E+00	2.446E-06	2.006E-05	2.698E-05	3.941E-05	5.026E-05	6.363E-05	7.539E-05	1.342
WSW	0.000E+00	0.000E+00	6.148E-07	0.000E+00	6.064E-06	1.240E-05	1.856E-05	2.620E-05	3.252E-05	4.459E-05	1.279E-04	1.865
W	0.000E+00	1.162E-06	0.000E+00	0.000E+00	2.102E-06	1.405E-05	1.183E-05	1.618E-05	1.374E-04	9.663E-05	6.353E-05	7.577
WNW	0.000E+00	0.000E+00	0.000E+00	6.015E-07	3.203E-05	8.805E-06	1.306E-05	1.866E-05	2.340E-05	3.031E-05	4.060E-05	4.856
NW	2.908E-07	0.000E+00	4.704E-07	0.000E+00	5.288E-04	1.107E-05	1.542E-05	2.200E-05	2.840E-05	5.364E-05	8.597E-05	8.402
NNW	3.881E-07	6.329E-07	0.000E+00	2.803E-06	1.531E-05	2.184E-05	5.905E-05	6.641E-05	1.576E-04	1.905E-04	2.220E-04	4.022

TOTAL DOSE COMMITMENT IS 3.226E-02 PERSON-REM/YR

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.007E+00	1.553E+00	1.290E+00	1.230E+00	1.362E+00	1.296E+00	1.238E+00	1.191
NNE	0.000E+00	0.000E+00	0.000E+00	1.034E-01	1.142E-01	3.005E+00	1.060E+00	1.001E+00	1.130E+00	1.143E+00	1.998E+00	1.518
NE	0.000E+00	0.000E+00	0.000E+00	8.731E-02	3.010E-01	9.267E-01	8.974E-01	8.725E-01	9.061E-01	1.691E+00	2.347E+00	2.326
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.625E-01	4.774E-01	4.520E-01	2.904E+01	5.826E-01	6.905E-01	1.596E+00	6.444
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.463E-01	2.308E-01	2.218E-01	2.565E-01	1.523E+00	3.612E-01	1.577
ESE	1.638E-01	1.223E-01	0.000E+00	0.000E+00	5.937E-02	2.186E-01	2.065E-01	1.973E-01	2.033E-01	3.211E-01	3.204E-01	3.122
SE	0.000E+00	0.000E+00	1.660E-01	1.257E-01	2.444E-01	3.619E-01	3.557E-01	4.777E-01	7.030E-01	7.174E-01	6.726E-01	6.197
SSE	0.000E+00	0.000E+00	0.000E+00	1.799E-01	1.746E-02	3.298E-01	4.664E-01	3.161E-01	3.624E+00	6.412E-01	6.281E-01	1.558
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.418E-01	4.477E-01	7.228E-01	8.668E-01	8.245E-01	7.615E-01	6.614E-01	2.214
SSW	2.060E-01	0.000E+00	0.000E+00	0.000E+00	1.387E-01	5.208E-01	4.554E-01	3.511E-01	2.797E-01	2.542E-01	2.469E-01	2.541
SW	3.327E-01	3.753E-01	0.000E+00	0.000E+00	1.149E-01	3.957E-01	2.884E-01	2.832E-01	2.688E-01	2.686E-01	2.611E-01	3.919
WSW	0.000E+00	0.000E+00	7.642E-02	0.000E+00	2.282E-01	2.060E-01	1.704E-01	1.589E-01	1.440E-01	1.538E-01	3.581E-01	4.362
W	0.000E+00	2.741E-01	0.000E+00	0.000E+00	8.036E-02	2.734E-01	1.083E-01	9.542E-02	5.977E-01	3.298E-01	1.771E-01	1.775
WNW	0.000E+00	0.000E+00	0.000E+00	4.366E-02	1.331E+00	1.441E-01	9.704E-02	8.805E-02	7.943E-02	7.936E-02	8.566E-02	8.512
NW	3.458E-01	0.000E+00	9.306E-02	0.000E+00	3.309E+01	2.503E-01	1.486E-01	1.340E-01	1.251E-01	1.834E-01	2.386E-01	1.951
NNW	5.517E-01	1.074E+00	0.000E+00	4.419E-01	9.720E-01	8.819E-01	6.566E-01	4.434E-01	7.503E-01	7.006E-01	6.613E-01	1.001

TOTAL DOSE COMMITMENT IS 1.676E+02 PERSON-REM/YR

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.154E-04	1.823E-04	1.576E-04	1.559E-04	1.791E-04	1.765E-04	1.744E-04	1.733
NNE	0.000E+00	0.000E+00	0.000E+00	1.168E-05	1.314E-05	3.564E-04	1.305E-04	1.281E-04	1.504E-04	1.579E-04	2.863E-04	2.252
NE	0.000E+00	0.000E+00	0.000E+00	9.866E-06	3.463E-05	1.098E-04	1.103E-04	1.112E-04	1.196E-04	2.308E-04	3.310E-04	3.386
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.024E-05	5.677E-05	5.595E-05	3.734E-03	7.769E-05	9.539E-05	2.282E-04	9.523
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.949E-05	2.886E-05	2.891E-05	3.479E-05	2.146E-04	5.282E-05	2.390
ESE	1.578E-05	1.296E-05	0.000E+00	0.000E+00	6.833E-06	2.595E-05	2.541E-05	2.514E-05	2.681E-05	4.377E-05	4.511E-05	4.536
SE	0.000E+00	0.000E+00	1.765E-05	1.380E-05	2.782E-05	4.241E-05	4.278E-05	5.888E-05	8.877E-05	9.273E-05	8.894E-05	8.377
SSE	0.000E+00	0.000E+00	0.000E+00	2.012E-05	2.007E-06	3.901E-05	5.701E-05	3.989E-05	4.716E-04	8.595E-05	8.664E-05	2.210
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.802E-05	5.381E-05	9.099E-05	1.141E-04	1.132E-04	1.090E-04	9.847E-05	3.425
SSW	1.905E-05	0.000E+00	0.000E+00	0.000E+00	1.599E-05	6.195E-05	5.620E-05	4.491E-05	3.703E-05	3.481E-05	3.492E-05	3.708
SW	3.229E-05	4.014E-05	0.000E+00	0.000E+00	1.321E-05	4.667E-05	3.511E-05	3.557E-05	3.481E-05	3.584E-05	3.587E-05	5.539
WSW	0.000E+00	0.000E+00	8.546E-06	0.000E+00	2.638E-05	2.448E-05	2.098E-05	2.031E-05	1.913E-05	2.119E-05	5.115E-05	6.452
W	0.000E+00	2.956E-05	0.000E+00	0.000E+00	9.291E-06	3.227E-05	1.333E-05	1.224E-05	7.957E-05	4.552E-05	2.531E-05	2.623
WNW	0.000E+00	0.000E+00	0.000E+00	4.967E-06	1.535E-04	1.714E-05	1.217E-05	1.162E-05	1.101E-05	1.153E-05	1.303E-05	1.353
NW	3.316E-05	0.000E+00	1.025E-05	0.000E+00	3.781E-03	2.935E-05	1.823E-05	1.713E-05	1.663E-05	2.532E-05	3.416E-05	2.892
NNW	5.156E-05	9.442E-05	0.000E+00	4.905E-05	1.097E-04	1.009E-04	7.974E-05	5.613E-05	9.867E-05	9.555E-05	9.337E-05	1.462

TOTAL DOSE COMMITMENT IS 2.161E-02 PERSON-REM/YR

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS CLOUD EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.092E-03	9.731E-03	9.754E-03	9.948E-03	1.142E-02	1.109E-02	1.072E-02	1.039
NNE	0.000E+00	0.000E+00	0.000E+00	4.098E-04	6.151E-04	2.098E-02	8.396E-03	8.381E-03	9.706E-03	9.941E-03	1.750E-02	1.334
NE	0.000E+00	0.000E+00	0.000E+00	3.359E-04	1.555E-03	6.357E-03	7.087E-03	7.299E-03	7.785E-03	1.472E-02	2.057E-02	2.046
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.391E-03	3.246E-03	3.526E-03	2.403E-01	4.965E-03	5.977E-03	1.394E-02	5.654
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.724E-03	1.816E-03	1.839E-03	2.184E-03	1.316E-02	3.147E-03	1.381
ESE	2.169E-04	2.993E-04	0.000E+00	0.000E+00	2.971E-04	1.402E-03	1.541E-03	1.584E-03	1.698E-03	2.741E-03	2.771E-03	2.721
SE	0.000E+00	0.000E+00	4.133E-04	3.824E-04	9.727E-04	1.963E-03	2.381E-03	3.575E-03	5.607E-03	5.942E-03	5.702E-03	5.330
SSE	0.000E+00	0.000E+00	0.000E+00	6.564E-04	8.337E-05	2.083E-03	3.483E-03	2.552E-03	3.044E-02	5.502E-03	5.454E-03	1.362
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.444E-03	3.302E-03	5.911E-03	7.380E-03	7.147E-03	6.659E-03	5.810E-03	1.950
SSW	1.933E-04	0.000E+00	0.000E+00	0.000E+00	7.209E-04	3.550E-03	3.562E-03	2.910E-03	2.385E-03	2.200E-03	2.155E-03	2.228
SW	3.604E-04	7.751E-04	0.000E+00	0.000E+00	5.583E-04	2.616E-03	2.237E-03	2.345E-03	2.294E-03	2.328E-03	2.282E-03	3.441
WSW	0.000E+00	0.000E+00	2.698E-04	0.000E+00	1.266E-03	1.433E-03	1.350E-03	1.331E-03	1.239E-03	1.339E-03	3.139E-03	3.836
W	0.000E+00	6.841E-04	0.000E+00	0.000E+00	4.524E-04	1.799E-03	8.482E-04	7.989E-04	5.147E-03	2.878E-03	1.556E-03	1.564
WNW	0.000E+00	0.000E+00	0.000E+00	2.164E-04	7.796E-03	1.012E-03	7.833E-04	7.495E-04	6.901E-04	6.956E-04	7.539E-04	7.506
NW	3.279E-04	0.000E+00	2.758E-04	0.000E+00	1.694E-01	1.619E-03	1.161E-03	1.116E-03	1.072E-03	1.594E-03	2.088E-03	1.714
NNW	5.026E-04	7.467E-04	0.000E+00	1.503E-03	4.503E-03	4.433E-03	4.921E-03	3.619E-03	6.340E-03	6.027E-03	5.748E-03	8.756

TOTAL DOSE COMMITMENT IS 1.243E+00 PERSON-REM/YR

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	2.359E-03	7.274E-03	1.504E-02	2.441E-02	2.786E-01	1.532E+00	2.708E+00	3.770E+00	4.745E+00	5.656E+00	6.518E+00	7.338
NNE	2.273E-03	6.840E-03	1.390E-02	2.279E-02	2.617E-01	1.330E+00	2.472E+00	3.462E+00	4.371E+00	5.214E+00	6.006E+00	6.753
NE	2.076E-03	6.090E-03	1.217E-02	1.956E-02	2.241E-01	1.136E+00	2.049E+00	2.923E+00	3.782E+00	4.588E+00	5.350E+00	6.073
ENE	1.757E-03	4.346E-03	7.986E-03	1.226E-02	1.326E-01	6.393E-01	1.125E+00	1.598E+00	2.065E+00	2.509E+00	2.933E+00	3.339
E	1.378E-03	3.046E-03	5.288E-03	8.033E-03	8.412E-02	3.757E-01	6.418E-01	8.959E-01	1.136E+00	1.364E+00	1.580E+00	1.785
ESE	1.257E-03	2.624E-03	4.345E-03	6.275E-03	6.283E-02	2.806E-01	4.758E-01	6.599E-01	8.373E-01	1.007E+00	1.170E+00	1.328
SE	1.248E-03	2.754E-03	4.768E-03	7.090E-03	7.370E-02	3.392E-01	5.869E-01	8.282E-01	1.063E+00	1.290E+00	1.510E+00	1.723
SSE	1.336E-03	3.062E-03	5.370E-03	8.043E-03	8.438E-02	3.921E-01	6.843E-01	9.661E-01	1.238E+00	1.500E+00	1.754E+00	1.999
S	1.636E-03	4.449E-03	8.526E-03	1.339E-02	1.515E-01	7.325E-01	1.275E+00	1.783E+00	2.264E+00	2.720E+00	3.156E+00	3.572
SSW	1.689E-03	4.452E-03	8.414E-03	1.304E-02	1.443E-01	7.000E-01	1.225E+00	1.728E+00	2.213E+00	2.679E+00	3.128E+00	3.561
SW	1.643E-03	4.159E-03	7.600E-03	1.172E-02	1.322E-01	6.103E-01	1.073E+00	1.535E+00	1.983E+00	2.416E+00	2.835E+00	3.239
WSW	1.426E-03	3.405E-03	6.240E-03	9.623E-03	1.010E-01	4.403E-01	7.373E-01	1.018E+00	1.277E+00	1.521E+00	1.752E+00	1.972
W	1.234E-03	2.812E-03	5.065E-03	7.785E-03	7.598E-02	3.079E-01	4.704E-01	6.286E-01	7.793E-01	9.217E-01	1.057E+00	1.185
WNW	1.173E-03	2.619E-03	4.976E-03	7.869E-03	8.292E-02	3.275E-01	5.189E-01	7.232E-01	9.143E-01	1.092E+00	1.258E+00	1.415
NW	1.267E-03	2.693E-03	4.796E-03	7.578E-03	8.807E-02	3.385E-01	6.153E-01	8.573E-01	1.083E+00	1.294E+00	1.494E+00	1.685
NNW	1.695E-03	4.620E-03	9.291E-03	1.471E-02	1.586E-01	8.931E-01	1.530E+00	2.083E+00	2.598E+00	3.081E+00	3.539E+00	3.973

TOTAL DOSE COMMITMENT IS 2.237E+02 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	2.726E-02	8.406E-02	1.738E-01	2.821E-01	3.219E+00	1.770E+01	3.129E+01	4.357E+01	5.483E+01	6.536E+01	7.531E+01	8.480
NNE	2.627E-02	7.904E-02	1.606E-01	2.634E-01	3.024E+00	1.536E+01	2.857E+01	4.000E+01	5.051E+01	6.025E+01	6.940E+01	7.803
NE	2.399E-02	7.037E-02	1.407E-01	2.260E-01	2.589E+00	1.312E+01	2.367E+01	3.378E+01	4.370E+01	5.301E+01	6.182E+01	7.017
ENE	2.030E-02	5.022E-02	9.228E-02	1.417E-01	1.532E+00	7.388E+00	1.300E+01	1.847E+01	2.386E+01	2.899E+01	3.390E+01	3.858
E	1.592E-02	3.520E-02	6.111E-02	9.283E-02	9.720E-01	4.341E+00	7.416E+00	1.035E+01	1.312E+01	1.576E+01	1.826E+01	2.063
ESE	1.453E-02	3.033E-02	5.020E-02	7.251E-02	7.260E-01	3.242E+00	5.498E+00	7.626E+00	9.675E+00	1.164E+01	1.352E+01	1.534
SE	1.442E-02	3.183E-02	5.509E-02	8.193E-02	8.516E-01	3.920E+00	6.782E+00	9.571E+00	1.228E+01	1.491E+01	1.745E+01	1.990
SSE	1.543E-02	3.538E-02	6.205E-02	9.293E-02	9.750E-01	4.531E+00	7.908E+00	1.116E+01	1.431E+01	1.733E+01	2.027E+01	2.310
S	1.890E-02	5.140E-02	9.852E-02	1.548E-01	1.751E+00	8.464E+00	1.473E+01	2.060E+01	2.616E+01	3.143E+01	3.647E+01	4.128
SSW	1.952E-02	5.145E-02	9.723E-02	1.506E-01	1.668E+00	8.088E+00	1.415E+01	1.997E+01	2.557E+01	3.096E+01	3.615E+01	4.115
SW	1.899E-02	4.806E-02	8.782E-02	1.354E-01	1.527E+00	7.052E+00	1.239E+01	1.773E+01	2.292E+01	2.792E+01	3.275E+01	3.743
WSW	1.648E-02	3.934E-02	7.210E-02	1.112E-01	1.167E+00	5.088E+00	8.520E+00	1.176E+01	1.475E+01	1.757E+01	2.025E+01	2.279
W	1.426E-02	3.249E-02	5.853E-02	8.996E-02	8.780E-01	3.558E+00	5.435E+00	7.264E+00	9.005E+00	1.065E+01	1.221E+01	1.369
WNW	1.355E-02	3.027E-02	5.750E-02	9.092E-02	9.582E-01	3.784E+00	5.996E+00	8.356E+00	1.056E+01	1.261E+01	1.453E+01	1.635
NW	1.464E-02	3.111E-02	5.542E-02	8.756E-02	1.018E+00	3.912E+00	7.110E+00	9.906E+00	1.251E+01	1.495E+01	1.727E+01	1.947
NNW	1.959E-02	5.338E-02	1.074E-01	1.700E-01	1.833E+00	1.032E+01	1.768E+01	2.407E+01	3.002E+01	3.560E+01	4.089E+01	4.590

TOTAL DOSE COMMITMENT IS 2.585E+03 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	2.031E-05	6.261E-05	1.294E-04	2.101E-04	2.398E-03	1.318E-02	2.331E-02	3.245E-02	4.084E-02	4.869E-02	5.610E-02	6.317
NNE	1.957E-05	5.887E-05	1.196E-04	1.962E-04	2.252E-03	1.145E-02	2.128E-02	2.979E-02	3.762E-02	4.488E-02	5.170E-02	5.813
NE	1.787E-05	5.242E-05	1.048E-04	1.683E-04	1.929E-03	9.777E-03	1.763E-02	2.516E-02	3.255E-02	3.949E-02	4.605E-02	5.227
ENE	1.512E-05	3.741E-05	6.874E-05	1.055E-04	1.141E-03	5.503E-03	9.683E-03	1.376E-02	1.777E-02	2.160E-02	2.525E-02	2.874
E	1.186E-05	2.622E-05	4.552E-05	6.915E-05	7.240E-04	3.234E-03	5.524E-03	7.711E-03	9.777E-03	1.174E-02	1.360E-02	1.536
ESE	1.082E-05	2.259E-05	3.740E-05	5.401E-05	5.408E-04	2.415E-03	4.096E-03	5.680E-03	7.207E-03	8.670E-03	1.007E-02	1.143
SE	1.074E-05	2.371E-05	4.104E-05	6.103E-05	6.343E-04	2.920E-03	5.052E-03	7.129E-03	9.151E-03	1.111E-02	1.300E-02	1.483
SSE	1.150E-05	2.636E-05	4.622E-05	6.923E-05	7.263E-04	3.375E-03	5.890E-03	8.316E-03	1.066E-02	1.291E-02	1.510E-02	1.720
S	1.408E-05	3.829E-05	7.339E-05	1.153E-04	1.304E-03	6.305E-03	1.097E-02	1.535E-02	1.949E-02	2.341E-02	2.716E-02	3.075
SSW	1.454E-05	3.832E-05	7.243E-05	1.122E-04	1.242E-03	6.025E-03	1.054E-02	1.487E-02	1.905E-02	2.306E-02	2.693E-02	3.065
SW	1.414E-05	3.580E-05	6.542E-05	1.009E-04	1.138E-03	5.253E-03	9.232E-03	1.321E-02	1.707E-02	2.080E-02	2.440E-02	2.788
WSW	1.228E-05	2.931E-05	5.371E-05	8.283E-05	8.689E-04	3.790E-03	6.347E-03	8.761E-03	1.099E-02	1.309E-02	1.508E-02	1.698
W	1.062E-05	2.420E-05	4.360E-05	6.701E-05	6.540E-04	2.650E-03	4.049E-03	5.411E-03	6.708E-03	7.934E-03	9.095E-03	1.020
WNW	1.009E-05	2.255E-05	4.283E-05	6.773E-05	7.137E-04	2.819E-03	4.466E-03	6.225E-03	7.870E-03	9.396E-03	1.083E-02	1.218
NW	1.091E-05	2.318E-05	4.129E-05	6.523E-05	7.581E-04	2.914E-03	5.296E-03	7.379E-03	9.318E-03	1.114E-02	1.286E-02	1.450
NNW	1.459E-05	3.976E-05	7.997E-05	1.266E-04	1.365E-03	7.687E-03	1.317E-02	1.793E-02	2.236E-02	2.652E-02	3.046E-02	3.419

TOTAL DOSE COMMITMENT IS 1.926E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	2.347E-04	7.235E-04	1.496E-03	2.428E-03	2.771E-02	1.523E-01	2.693E-01	3.750E-01	4.719E-01	5.626E-01	6.483E-01	7.299
NNE	2.261E-04	6.803E-04	1.382E-03	2.267E-03	2.603E-02	1.323E-01	2.459E-01	3.443E-01	4.347E-01	5.186E-01	5.974E-01	6.717
NE	2.065E-04	6.057E-04	1.211E-03	1.945E-03	2.229E-02	1.130E-01	2.038E-01	2.908E-01	3.762E-01	4.563E-01	5.321E-01	6.040
ENE	1.747E-04	4.322E-04	7.943E-04	1.220E-03	1.319E-02	6.359E-02	1.119E-01	1.590E-01	2.054E-01	2.496E-01	2.918E-01	3.321
E	1.371E-04	3.030E-04	5.260E-04	7.990E-04	8.366E-03	3.737E-02	6.383E-02	8.911E-02	1.130E-01	1.356E-01	1.571E-01	1.775
ESE	1.251E-04	2.610E-04	4.321E-04	6.241E-04	6.249E-03	2.790E-02	4.733E-02	6.564E-02	8.328E-02	1.002E-01	1.164E-01	1.321
SE	1.241E-04	2.739E-04	4.742E-04	7.052E-04	7.330E-03	3.374E-02	5.837E-02	8.238E-02	1.057E-01	1.283E-01	1.502E-01	1.713
SSE	1.329E-04	3.045E-04	5.341E-04	7.999E-04	8.392E-03	3.900E-02	6.806E-02	9.609E-02	1.231E-01	1.492E-01	1.745E-01	1.988
S	1.627E-04	4.425E-04	8.480E-04	1.332E-03	1.507E-02	7.286E-02	1.268E-01	1.773E-01	2.252E-01	2.706E-01	3.139E-01	3.553
SSW	1.680E-04	4.428E-04	8.369E-04	1.297E-03	1.435E-02	6.962E-02	1.218E-01	1.719E-01	2.201E-01	2.664E-01	3.111E-01	3.542
SW	1.634E-04	4.137E-04	7.559E-04	1.165E-03	1.315E-02	6.070E-02	1.067E-01	1.527E-01	1.972E-01	2.403E-01	2.819E-01	3.221
WSW	1.419E-04	3.386E-04	6.206E-04	9.571E-04	1.004E-02	4.379E-02	7.334E-02	1.012E-01	1.270E-01	1.512E-01	1.743E-01	1.962
W	1.228E-04	2.797E-04	5.038E-04	7.743E-04	7.557E-03	3.062E-02	4.678E-02	6.252E-02	7.751E-02	9.168E-02	1.051E-01	1.178
WNW	1.166E-04	2.605E-04	4.949E-04	7.826E-04	8.247E-03	3.257E-02	5.161E-02	7.193E-02	9.094E-02	1.086E-01	1.251E-01	1.408
NW	1.260E-04	2.678E-04	4.771E-04	7.537E-04	8.760E-03	3.367E-02	6.120E-02	8.527E-02	1.077E-01	1.287E-01	1.486E-01	1.676
NNW	1.686E-04	4.595E-04	9.241E-04	1.463E-03	1.578E-02	8.882E-02	1.522E-01	2.072E-01	2.584E-01	3.065E-01	3.520E-01	3.951

TOTAL DOSE COMMITMENT IS 2.225E+01 PERSON-REM/YR

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TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	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	0.000E+00	0.000
NNE	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	0.000E+00	0.000
NE	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	0.000E+00	0.000
ENE	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	0.000E+00	0.000
E	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	0.000E+00	0.000
ESE	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	0.000E+00	0.000
SE	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	0.000E+00	0.000
SSE	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	0.000E+00	0.000
S	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	0.000E+00	0.000
SSW	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	0.000E+00	0.000
SW	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	0.000E+00	0.000
WSW	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	0.000E+00	0.000
W	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	0.000E+00	0.000
WNW	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	0.000E+00	0.000
NW	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	0.000E+00	0.000
NNW	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	0.000E+00	0.000

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0	XRHO 65.0	XRH 75.
N	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	0.000E+00	0.000
NNE	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	0.000E+00	0.000
NE	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	0.000E+00	0.000
ENE	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	0.000E+00	0.000
E	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	0.000E+00	0.000
ESE	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	0.000E+00	0.000
SE	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	0.000E+00	0.000
SSE	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	0.000E+00	0.000
S	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	0.000E+00	0.000
SSW	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	0.000E+00	0.000
SW	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	0.000E+00	0.000
WSW	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	0.000E+00	0.000
W	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	0.000E+00	0.000
WNW	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	0.000E+00	0.000
NW	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	0.000E+00	0.000
NNW	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	0.000E+00	0.000

TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

WARNING--POPULATION FOOD INGESTION DOSES SHOWN ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED BY THE POPULATION OF THIS REGION. SEE SUMMARY TABLE FOR THIS INFORMATION.

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

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.	2.492E-01	2.019E+00	3.226E-02	1.514E+00	7.279E-01	1.676E+02
GROUND	2.161E-02	2.161E-02	2.161E-02	2.161E-02	2.161E-02	2.161E-02
CLOUD	1.243E+00	1.243E+00	1.243E+00	1.243E+00	1.243E+00	1.243E+00
VEG. ING	1.518E+00	1.754E+01	1.518E+00	5.213E+00	4.246E+00	1.518E+00
MEAT ING	1.056E-01	1.220E+00	1.056E-01	3.626E-01	2.953E-01	1.056E-01
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	3.138E+00	2.204E+01	2.921E+00	8.354E+00	6.534E+00	1.705E+02

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	2.222E+02	2.568E+03	2.222E+02	7.632E+02	6.217E+02	2.222E+02
MEAT ING	1.820E+00	2.103E+01	1.820E+00	6.252E+00	5.092E+00	1.820E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.240E+02	2.589E+03	2.240E+02	7.695E+02	6.268E+02	2.240E+02

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	2.492E-01	2.019E+00	3.226E-02	1.514E+00	7.279E-01	1.676E+02
GROUND	2.161E-02	2.161E-02	2.161E-02	2.161E-02	2.161E-02	2.161E-02
CLOUD	1.243E+00	1.243E+00	1.243E+00	1.243E+00	1.243E+00	1.243E+00
VEG. ING	2.237E+02	2.585E+03	2.237E+02	7.684E+02	6.259E+02	2.237E+02
MEAT ING	1.926E+00	2.225E+01	1.926E+00	6.614E+00	5.388E+00	1.926E+00
MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.272E+02	2.611E+03	2.270E+02	7.778E+02	6.333E+02	3.946E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 1 NAME=R1 X= -1.2KM, Y= -0.4KM, Z= 0.0M, DIST= 1.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 1 NAME=R1 X= -1.2KM, Y= -0.4KM, Z= 0.0M, DIST= 1.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.49E+00	9.98E-03	9.38E-04	5.18E-02	2.01E-02	1.08E+02
INFANT	GROUND	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.64E+00	1.59E-01	1.50E-01	2.01E-01	1.69E-01	1.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.49E+00	7.57E-03	4.37E-04	2.30E-02	9.48E-03	1.08E+02
CHILD	GROUND	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02
CHILD	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
CHILD	VEG. ING	6.78E-04	7.84E-03	2.33E-03	2.33E-03	1.90E-03	0.00E+00
CHILD	MEAT ING	1.37E-04	1.58E-03	4.71E-04	4.71E-04	3.83E-04	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	6.64E+00	1.66E-01	1.52E-01	1.75E-01	1.61E-01	1.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.49E+00	1.86E-02	1.87E-04	9.87E-03	4.74E-03	1.08E+02
TEENAGE	GROUND	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02
TEENAGE	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
TEENAGE	VEG. ING	1.12E-03	1.30E-02	3.85E-03	3.85E-03	3.14E-03	0.00E+00
TEENAGE	MEAT ING	2.22E-04	2.57E-03	7.64E-04	7.64E-04	6.22E-04	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	6.64E+00	1.83E-01	1.54E-01	1.64E-01	1.58E-01	1.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.49E+00	1.10E-02	1.56E-04	8.22E-03	3.95E-03	1.08E+02
ADULT	GROUND	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02	1.06E-02
ADULT	CLOUD	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01	1.38E-01
ADULT	VEG. ING	1.55E-03	1.79E-02	5.32E-03	5.32E-03	4.34E-03	0.00E+00
ADULT	MEAT ING	3.89E-04	4.49E-03	1.34E-03	1.34E-03	1.09E-03	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	6.64E+00	1.82E-01	1.56E-01	1.64E-01	1.58E-01	1.08E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 2 NAME=R2 X= -2.0KM, Y= 2.0KM, Z= 0.0M, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 2 NAME=R2 X= -2.0KM, Y= 2.0KM, Z= 0.0M, 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.	4.67E+00	1.27E-02	1.19E-03	6.59E-02	2.56E-02	7.77E+01
INFANT	GROUND	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03
INFANT	CLOUD	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.81E+00	1.63E-01	1.51E-01	2.16E-01	1.75E-01	7.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.66E+00	9.63E-03	5.54E-04	2.93E-02	1.21E-02	7.77E+01
CHILD	GROUND	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03
CHILD	CLOUD	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01
CHILD	VEG. ING	8.63E-04	9.98E-03	2.97E-03	2.97E-03	2.42E-03	0.00E+00
CHILD	MEAT ING	1.74E-04	2.02E-03	5.99E-04	5.99E-04	4.88E-04	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	4.81E+00	1.71E-01	1.54E-01	1.83E-01	1.65E-01	7.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.66E+00	2.37E-02	2.38E-04	1.26E-02	6.03E-03	7.77E+01
TEENAGE	GROUND	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03
TEENAGE	CLOUD	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01
TEENAGE	VEG. ING	1.43E-03	1.65E-02	4.91E-03	4.91E-03	4.00E-03	0.00E+00
TEENAGE	MEAT ING	2.83E-04	3.27E-03	9.72E-04	9.72E-04	7.92E-04	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	4.81E+00	1.93E-01	1.56E-01	1.68E-01	1.61E-01	7.78E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.66E+00	1.40E-02	1.98E-04	1.05E-02	5.03E-03	7.77E+01
ADULT	GROUND	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03	8.08E-03
ADULT	CLOUD	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01	1.42E-01
ADULT	VEG. ING	1.97E-03	2.28E-02	6.77E-03	6.77E-03	5.52E-03	0.00E+00
ADULT	MEAT ING	4.95E-04	5.72E-03	1.70E-03	1.70E-03	1.38E-03	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	4.82E+00	1.92E-01	1.58E-01	1.69E-01	1.62E-01	7.78E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 3 NAME=R3 X= -1.9KM, Y= 2.7KM, Z= 0.0M, DIST= 3.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 3 NAME=R3 X= -1.9KM, Y= 2.7KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.91E+00	1.91E-02	1.78E-03	9.92E-02	3.86E-02	9.85E+01
INFANT	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
INFANT	CLOUD	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.14E+00	2.39E-01	2.22E-01	3.20E-01	2.59E-01	9.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.91E+00	1.45E-02	8.33E-04	4.41E-02	1.81E-02	9.85E+01
CHILD	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
CHILD	CLOUD	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01
CHILD	VEG. ING	1.30E-03	1.50E-02	4.46E-03	4.46E-03	3.63E-03	0.00E+00
CHILD	MEAT ING	2.62E-04	3.03E-03	9.01E-04	9.01E-04	7.34E-04	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	6.13E+00	2.53E-01	2.27E-01	2.70E-01	2.43E-01	9.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.91E+00	3.57E-02	3.57E-04	1.89E-02	9.07E-03	9.85E+01
TEENAGE	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
TEENAGE	CLOUD	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01
TEENAGE	VEG. ING	2.15E-03	2.48E-02	7.38E-03	7.38E-03	6.01E-03	0.00E+00
TEENAGE	MEAT ING	4.26E-04	4.92E-03	1.46E-03	1.46E-03	1.19E-03	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	6.13E+00	2.86E-01	2.30E-01	2.48E-01	2.37E-01	9.87E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.91E+00	2.10E-02	2.97E-04	1.57E-02	7.56E-03	9.85E+01
ADULT	GROUND	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02	1.04E-02
ADULT	CLOUD	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01	2.10E-01
ADULT	VEG. ING	2.97E-03	3.43E-02	1.02E-02	1.02E-02	8.30E-03	0.00E+00
ADULT	MEAT ING	7.44E-04	8.60E-03	2.56E-03	2.56E-03	2.08E-03	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	6.14E+00	2.84E-01	2.33E-01	2.49E-01	2.38E-01	9.87E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 4 NAME=R4 X= -3.3KM, Y= 2.8KM, Z= 0.0M, DIST= 4.4KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 4 NAME=R4 X= -3.3KM, Y= 2.8KM, Z= 0.0M, DIST= 4.4KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.80E+00	1.76E-02	1.65E-03	9.16E-02	3.56E-02	2.99E+01
INFANT	GROUND	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.92E+00	1.44E-01	1.28E-01	2.18E-01	1.62E-01	3.00E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.80E+00	1.34E-02	7.70E-04	4.07E-02	1.68E-02	2.99E+01
CHILD	GROUND	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03
CHILD	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
CHILD	VEG. ING	1.20E-03	1.39E-02	4.12E-03	4.12E-03	3.35E-03	0.00E+00
CHILD	MEAT ING	2.42E-04	2.80E-03	8.32E-04	8.32E-04	6.78E-04	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	1.92E+00	1.56E-01	1.32E-01	1.72E-01	1.47E-01	3.00E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.80E+00	3.29E-02	3.30E-04	1.74E-02	8.38E-03	2.99E+01
TEENAGE	GROUND	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03
TEENAGE	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
TEENAGE	VEG. ING	1.98E-03	2.29E-02	6.81E-03	6.81E-03	5.55E-03	0.00E+00
TEENAGE	MEAT ING	3.93E-04	4.54E-03	1.35E-03	1.35E-03	1.10E-03	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	1.92E+00	1.87E-01	1.35E-01	1.52E-01	1.41E-01	3.00E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.80E+00	1.94E-02	2.75E-04	1.45E-02	6.98E-03	2.99E+01
ADULT	GROUND	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03	3.37E-03
ADULT	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
ADULT	VEG. ING	2.74E-03	3.16E-02	9.41E-03	9.41E-03	7.66E-03	0.00E+00
ADULT	MEAT ING	6.87E-04	7.94E-03	2.36E-03	2.36E-03	1.92E-03	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	1.92E+00	1.85E-01	1.38E-01	1.52E-01	1.43E-01	3.00E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 5 NAME=R5 X= -3.6KM, Y= 4.0KM, Z= 0.0M, DIST= 5.4KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 5 NAME=R5 X= -3.6KM, Y= 4.0KM, Z= 0.0M, DIST= 5.4KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.84E+00	2.20E-02	2.06E-03	1.14E-01	4.44E-02	3.06E+01
INFANT	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.98E+00	1.60E-01	1.40E-01	2.53E-01	1.83E-01	3.07E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.84E+00	1.67E-02	9.62E-04	5.08E-02	2.09E-02	3.06E+01
CHILD	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
CHILD	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
CHILD	VEG. ING	1.50E-03	1.73E-02	5.14E-03	5.14E-03	4.19E-03	0.00E+00
CHILD	MEAT ING	3.02E-04	3.49E-03	1.04E-03	1.04E-03	8.46E-04	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	1.98E+00	1.76E-01	1.45E-01	1.95E-01	1.64E-01	3.07E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.84E+00	4.11E-02	4.12E-04	2.18E-02	1.05E-02	3.06E+01
TEENAGE	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
TEENAGE	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
TEENAGE	VEG. ING	2.48E-03	2.86E-02	8.51E-03	8.51E-03	6.93E-03	0.00E+00
TEENAGE	MEAT ING	4.91E-04	5.67E-03	1.69E-03	1.69E-03	1.37E-03	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	1.98E+00	2.14E-01	1.49E-01	1.70E-01	1.57E-01	3.07E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.84E+00	2.42E-02	3.43E-04	1.81E-02	8.72E-03	3.06E+01
ADULT	GROUND	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03	3.47E-03
ADULT	CLOUD	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01	1.35E-01
ADULT	VEG. ING	3.42E-03	3.95E-02	1.17E-02	1.17E-02	9.57E-03	0.00E+00
ADULT	MEAT ING	8.58E-04	9.91E-03	2.95E-03	2.95E-03	2.40E-03	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	1.98E+00	2.12E-01	1.53E-01	1.71E-01	1.59E-01	3.07E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 6 NAME=CRAWFORD X= -4.4KM, Y= 4.4KM, Z= 0.0M, DIST= 6.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 6 NAME=CRAWFORD X= -4.4KM, Y= 4.4KM, Z= 0.0M, DIST= 6.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.52E+00	2.31E-02	2.16E-03	1.20E-01	4.66E-02	2.52E+01
INFANT	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.65E+00	1.49E-01	1.28E-01	2.46E-01	1.73E-01	2.54E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.52E+00	1.75E-02	1.01E-03	5.33E-02	2.19E-02	2.52E+01
CHILD	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
CHILD	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
CHILD	VEG. ING	1.57E-03	1.81E-02	5.39E-03	5.39E-03	4.39E-03	0.00E+00
CHILD	MEAT ING	3.17E-04	3.67E-03	1.09E-03	1.09E-03	8.87E-04	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	1.65E+00	1.66E-01	1.34E-01	1.86E-01	1.54E-01	2.54E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.52E+00	4.32E-02	4.33E-04	2.28E-02	1.10E-02	2.52E+01
TEENAGE	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
TEENAGE	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
TEENAGE	VEG. ING	2.60E-03	3.00E-02	8.92E-03	8.92E-03	7.27E-03	0.00E+00
TEENAGE	MEAT ING	5.15E-04	5.95E-03	1.77E-03	1.77E-03	1.44E-03	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	1.65E+00	2.05E-01	1.37E-01	1.60E-01	1.46E-01	2.54E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.52E+00	2.54E-02	3.61E-04	1.90E-02	9.14E-03	2.52E+01
ADULT	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
ADULT	CLOUD	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01	1.23E-01
ADULT	VEG. ING	3.59E-03	4.15E-02	1.23E-02	1.23E-02	1.00E-02	0.00E+00
ADULT	MEAT ING	9.00E-04	1.04E-02	3.09E-03	3.09E-03	2.52E-03	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	1.65E+00	2.04E-01	1.42E-01	1.61E-01	1.48E-01	2.54E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 7 NAME=R7 X= -2.0KM, Y= 4.0KM, Z= 0.0M, DIST= 4.4KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 7 NAME=R7 X= -2.0KM, Y= 4.0KM, Z= 0.0M, DIST= 4.4KM, 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	3.15E-02	2.94E-03	1.64E-01	6.36E-02	7.65E+01
INFANT	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
INFANT	CLOUD	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.87E+00	3.01E-01	2.73E-01	4.33E-01	3.33E-01	7.68E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.60E+00	2.39E-02	1.37E-03	7.27E-02	2.99E-02	7.65E+01
CHILD	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
CHILD	CLOUD	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01
CHILD	VEG. ING	2.14E-03	2.48E-02	7.36E-03	7.36E-03	6.00E-03	0.00E+00
CHILD	MEAT ING	4.33E-04	5.00E-03	1.49E-03	1.49E-03	1.21E-03	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	4.87E+00	3.23E-01	2.80E-01	3.51E-01	3.07E-01	7.68E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.60E+00	5.89E-02	5.89E-04	3.12E-02	1.50E-02	7.65E+01
TEENAGE	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
TEENAGE	CLOUD	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01
TEENAGE	VEG. ING	3.55E-03	4.10E-02	1.22E-02	1.22E-02	9.92E-03	0.00E+00
TEENAGE	MEAT ING	7.03E-04	8.12E-03	2.41E-03	2.41E-03	1.97E-03	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	4.87E+00	3.78E-01	2.85E-01	3.15E-01	2.96E-01	7.68E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.60E+00	3.46E-02	4.91E-04	2.60E-02	1.25E-02	7.65E+01
ADULT	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
ADULT	CLOUD	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01	2.61E-01
ADULT	VEG. ING	4.90E-03	5.66E-02	1.68E-02	1.68E-02	1.37E-02	0.00E+00
ADULT	MEAT ING	1.23E-03	1.42E-02	4.22E-03	4.22E-03	3.44E-03	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	4.87E+00	3.75E-01	2.91E-01	3.17E-01	2.99E-01	7.68E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 8 NAME=R8 X= -2.0KM, Y= 3.6KM, Z= 0.0M, DIST= 4.1KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 8 NAME=R8 X= -2.0KM, Y= 3.6KM, Z= 0.0M, DIST= 4.1KM, 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	2.80E-02	2.61E-03	1.45E-01	5.64E-02	8.15E+01
INFANT	GROUND	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.16E+00	2.90E-01	2.64E-01	4.07E-01	3.18E-01	8.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.89E+00	2.12E-02	1.22E-03	6.45E-02	2.66E-02	8.15E+01
CHILD	GROUND	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03
CHILD	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
CHILD	VEG. ING	1.90E-03	2.20E-02	6.53E-03	6.53E-03	5.32E-03	0.00E+00
CHILD	MEAT ING	3.84E-04	4.44E-03	1.32E-03	1.32E-03	1.07E-03	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	5.16E+00	3.09E-01	2.71E-01	3.34E-01	2.95E-01	8.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.89E+00	5.22E-02	5.22E-04	2.76E-02	1.33E-02	8.15E+01
TEENAGE	GROUND	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03
TEENAGE	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
TEENAGE	VEG. ING	3.14E-03	3.63E-02	1.08E-02	1.08E-02	8.79E-03	0.00E+00
TEENAGE	MEAT ING	6.23E-04	7.20E-03	2.14E-03	2.14E-03	1.74E-03	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	5.16E+00	3.57E-01	2.75E-01	3.02E-01	2.86E-01	8.17E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.89E+00	3.07E-02	4.35E-04	2.30E-02	1.11E-02	8.15E+01
ADULT	GROUND	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03	8.98E-03
ADULT	CLOUD	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01	2.53E-01
ADULT	VEG. ING	4.34E-03	5.02E-02	1.49E-02	1.49E-02	1.21E-02	0.00E+00
ADULT	MEAT ING	1.09E-03	1.26E-02	3.74E-03	3.74E-03	3.05E-03	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	5.16E+00	3.55E-01	2.81E-01	3.03E-01	2.88E-01	8.17E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 9 NAME=R9 X= -1.6KM, Y= 3.2KM, Z= 0.0M, DIST= 3.6KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 9 NAME=R9 X= -1.6KM, Y= 3.2KM, Z= 0.0M, DIST= 3.6KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.81E+00	2.69E-02	2.51E-03	1.39E-01	5.42E-02	1.30E+02
INFANT	GROUND	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02
INFANT	CLOUD	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	8.12E+00	3.41E-01	3.17E-01	4.54E-01	3.69E-01	1.30E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.80E+00	2.04E-02	1.17E-03	6.20E-02	2.55E-02	1.30E+02
CHILD	GROUND	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02
CHILD	CLOUD	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01
CHILD	VEG. ING	1.83E-03	2.11E-02	6.27E-03	6.27E-03	5.11E-03	0.00E+00
CHILD	MEAT ING	3.69E-04	4.26E-03	1.27E-03	1.27E-03	1.03E-03	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	8.12E+00	3.60E-01	3.23E-01	3.84E-01	3.46E-01	1.30E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.80E+00	5.02E-02	5.02E-04	2.66E-02	1.28E-02	1.30E+02
TEENAGE	GROUND	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02
TEENAGE	CLOUD	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01
TEENAGE	VEG. ING	3.02E-03	3.49E-02	1.04E-02	1.04E-02	8.45E-03	0.00E+00
TEENAGE	MEAT ING	5.99E-04	6.92E-03	2.06E-03	2.06E-03	1.68E-03	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	8.12E+00	4.06E-01	3.27E-01	3.53E-01	3.37E-01	1.30E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.80E+00	2.95E-02	4.18E-04	2.21E-02	1.06E-02	1.30E+02
ADULT	GROUND	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02	1.38E-02
ADULT	CLOUD	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01	3.01E-01
ADULT	VEG. ING	4.17E-03	4.82E-02	1.43E-02	1.43E-02	1.17E-02	0.00E+00
ADULT	MEAT ING	1.05E-03	1.21E-02	3.59E-03	3.59E-03	2.93E-03	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	8.12E+00	4.04E-01	3.33E-01	3.54E-01	3.40E-01	1.30E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 10 NAME=R10 X= -1.2KM, Y= 2.8KM, Z= 0.0M, DIST= 3.0KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 10 NAME=R10 X= -1.2KM, Y= 2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.56E+01	2.53E-02	2.36E-03	1.31E-01	5.11E-02	2.60E+02
INFANT	GROUND	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02
INFANT	CLOUD	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.60E+01	4.25E-01	4.02E-01	5.31E-01	4.50E-01	2.61E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.56E+01	1.92E-02	1.10E-03	5.84E-02	2.41E-02	2.60E+02
CHILD	GROUND	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02
CHILD	CLOUD	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01
CHILD	VEG. ING	1.72E-03	1.99E-02	5.91E-03	5.91E-03	4.82E-03	0.00E+00
CHILD	MEAT ING	3.48E-04	4.02E-03	1.19E-03	1.19E-03	9.73E-04	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	1.60E+01	4.42E-01	4.07E-01	4.65E-01	4.29E-01	2.61E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.56E+01	4.73E-02	4.73E-04	2.50E-02	1.20E-02	2.60E+02
TEENAGE	GROUND	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02
TEENAGE	CLOUD	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01
TEENAGE	VEG. ING	2.85E-03	3.29E-02	9.78E-03	9.78E-03	7.97E-03	0.00E+00
TEENAGE	MEAT ING	5.65E-04	6.52E-03	1.94E-03	1.94E-03	1.58E-03	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	1.60E+01	4.86E-01	4.11E-01	4.36E-01	4.21E-01	2.61E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.56E+01	2.78E-02	3.94E-04	2.09E-02	1.00E-02	2.60E+02
ADULT	GROUND	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02	2.58E-02
ADULT	CLOUD	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01	3.73E-01
ADULT	VEG. ING	3.93E-03	4.54E-02	1.35E-02	1.35E-02	1.10E-02	0.00E+00
ADULT	MEAT ING	9.87E-04	1.14E-02	3.39E-03	3.39E-03	2.76E-03	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	1.60E+01	4.84E-01	4.16E-01	4.37E-01	4.23E-01	2.61E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 11 NAME=R11 X= -1.8KM, Y= 2.8KM, Z= 0.0M, DIST= 3.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 11 NAME=R11 X= -1.8KM, Y= 2.8KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.09E+00	2.05E-02	1.91E-03	1.06E-01	4.13E-02	1.18E+02
INFANT	GROUND	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
INFANT	CLOUD	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	7.34E+00	2.69E-01	2.50E-01	3.55E-01	2.90E-01	1.18E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.09E+00	1.55E-02	8.92E-04	4.72E-02	1.94E-02	1.18E+02
CHILD	GROUND	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
CHILD	CLOUD	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
CHILD	VEG. ING	1.39E-03	1.61E-02	4.78E-03	4.78E-03	3.89E-03	0.00E+00
CHILD	MEAT ING	2.81E-04	3.25E-03	9.65E-04	9.65E-04	7.86E-04	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	7.34E+00	2.83E-01	2.55E-01	3.01E-01	2.72E-01	1.18E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.09E+00	3.82E-02	3.82E-04	2.02E-02	9.72E-03	1.18E+02
TEENAGE	GROUND	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
TEENAGE	CLOUD	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
TEENAGE	VEG. ING	2.30E-03	2.66E-02	7.90E-03	7.90E-03	6.44E-03	0.00E+00
TEENAGE	MEAT ING	4.56E-04	5.27E-03	1.57E-03	1.57E-03	1.28E-03	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	7.34E+00	3.18E-01	2.58E-01	2.78E-01	2.66E-01	1.18E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.09E+00	2.25E-02	3.18E-04	1.69E-02	8.10E-03	1.18E+02
ADULT	GROUND	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
ADULT	CLOUD	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01	2.36E-01
ADULT	VEG. ING	3.18E-03	3.67E-02	1.09E-02	1.09E-02	8.89E-03	0.00E+00
ADULT	MEAT ING	7.97E-04	9.21E-03	2.74E-03	2.74E-03	2.23E-03	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	7.34E+00	3.17E-01	2.62E-01	2.79E-01	2.67E-01	1.18E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 12 NAME=R12 X= -0.3KM, Y= 2.3KM, Z= 0.0M, DIST= 2.4KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 12 NAME=R12 X= -0.3KM, Y= 2.3KM, Z= 0.0M, DIST= 2.4KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.72E+01	2.64E-02	2.46E-03	1.37E-01	5.32E-02	2.87E+02
INFANT	GROUND	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02
INFANT	CLOUD	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.77E+01	4.99E-01	4.75E-01	6.10E-01	5.26E-01	2.87E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.72E+01	2.00E-02	1.15E-03	6.09E-02	2.50E-02	2.87E+02
CHILD	GROUND	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02
CHILD	CLOUD	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01
CHILD	VEG. ING	1.79E-03	2.07E-02	6.16E-03	6.16E-03	5.02E-03	0.00E+00
CHILD	MEAT ING	3.62E-04	4.19E-03	1.24E-03	1.24E-03	1.01E-03	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	1.77E+01	5.18E-01	4.82E-01	5.41E-01	5.04E-01	2.87E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.72E+01	4.93E-02	4.92E-04	2.61E-02	1.25E-02	2.87E+02
TEENAGE	GROUND	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02
TEENAGE	CLOUD	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01
TEENAGE	VEG. ING	2.97E-03	3.43E-02	1.02E-02	1.02E-02	8.30E-03	0.00E+00
TEENAGE	MEAT ING	5.88E-04	6.79E-03	2.02E-03	2.02E-03	1.64E-03	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	1.77E+01	5.63E-01	4.86E-01	5.11E-01	4.95E-01	2.87E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.72E+01	2.90E-02	4.10E-04	2.17E-02	1.04E-02	2.87E+02
ADULT	GROUND	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02	2.92E-02
ADULT	CLOUD	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01	4.44E-01
ADULT	VEG. ING	4.10E-03	4.73E-02	1.41E-02	1.41E-02	1.15E-02	0.00E+00
ADULT	MEAT ING	1.03E-03	1.19E-02	3.53E-03	3.53E-03	2.87E-03	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	1.77E+01	5.61E-01	4.91E-01	5.12E-01	4.98E-01	2.87E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 13 NAME=R13 X= 0.0KM, Y= 1.5KM, Z= 0.0M, DIST= 1.5KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 13 NAME=R13 X= 0.0KM, Y= 1.5KM, Z= 0.0M, DIST= 1.5KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.76E+01	1.68E-02	1.57E-03	8.72E-02	3.39E-02	4.60E+02
INFANT	GROUND	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02
INFANT	CLOUD	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.81E+01	4.53E-01	4.38E-01	5.24E-01	4.70E-01	4.61E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.76E+01	1.27E-02	7.32E-04	3.88E-02	1.60E-02	4.60E+02
CHILD	GROUND	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02
CHILD	CLOUD	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01
CHILD	VEG. ING	1.14E-03	1.32E-02	3.92E-03	3.92E-03	3.19E-03	0.00E+00
CHILD	MEAT ING	2.31E-04	2.67E-03	7.92E-04	7.92E-04	6.45E-04	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	2.81E+01	4.65E-01	4.42E-01	4.80E-01	4.56E-01	4.61E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.76E+01	3.14E-02	3.14E-04	1.66E-02	7.98E-03	4.60E+02
TEENAGE	GROUND	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02
TEENAGE	CLOUD	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01
TEENAGE	VEG. ING	1.89E-03	2.18E-02	6.49E-03	6.49E-03	5.28E-03	0.00E+00
TEENAGE	MEAT ING	3.74E-04	4.33E-03	1.29E-03	1.29E-03	1.05E-03	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	2.81E+01	4.94E-01	4.45E-01	4.61E-01	4.51E-01	4.61E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.76E+01	1.85E-02	2.61E-04	1.38E-02	6.65E-03	4.60E+02
ADULT	GROUND	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02	4.29E-02
ADULT	CLOUD	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01	3.94E-01
ADULT	VEG. ING	2.61E-03	3.01E-02	8.96E-03	8.96E-03	7.30E-03	0.00E+00
ADULT	MEAT ING	6.54E-04	7.56E-03	2.25E-03	2.25E-03	1.83E-03	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	2.81E+01	4.93E-01	4.48E-01	4.62E-01	4.52E-01	4.61E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 14 NAME=R14 X= 0.5KM, Y= 1.0KM, Z= 0.0M, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 14 NAME=R14 X= 0.5KM, Y= 1.0KM, Z= 0.0M, 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.	2.79E+01	1.23E-02	1.15E-03	6.37E-02	2.48E-02	4.66E+02
INFANT	GROUND	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02
INFANT	CLOUD	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.83E+01	3.45E-01	3.34E-01	3.97E-01	3.58E-01	4.66E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.79E+01	9.30E-03	5.36E-04	2.83E-02	1.17E-02	4.66E+02
CHILD	GROUND	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02
CHILD	CLOUD	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01
CHILD	VEG. ING	8.34E-04	9.64E-03	2.86E-03	2.86E-03	2.33E-03	0.00E+00
CHILD	MEAT ING	1.68E-04	1.95E-03	5.79E-04	5.79E-04	4.71E-04	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	2.83E+01	3.54E-01	3.37E-01	3.65E-01	3.47E-01	4.66E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.79E+01	2.29E-02	2.30E-04	1.21E-02	5.83E-03	4.66E+02
TEENAGE	GROUND	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02
TEENAGE	CLOUD	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01
TEENAGE	VEG. ING	1.38E-03	1.59E-02	4.74E-03	4.74E-03	3.86E-03	0.00E+00
TEENAGE	MEAT ING	2.73E-04	3.16E-03	9.39E-04	9.39E-04	7.65E-04	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	2.83E+01	3.75E-01	3.39E-01	3.51E-01	3.43E-01	4.66E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.79E+01	1.35E-02	1.91E-04	1.01E-02	4.85E-03	4.66E+02
ADULT	GROUND	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02	4.11E-02
ADULT	CLOUD	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01	2.92E-01
ADULT	VEG. ING	1.90E-03	2.20E-02	6.54E-03	6.54E-03	5.33E-03	0.00E+00
ADULT	MEAT ING	4.78E-04	5.52E-03	1.64E-03	1.64E-03	1.34E-03	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	2.83E+01	3.74E-01	3.41E-01	3.51E-01	3.45E-01	4.66E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 15 NAME=R15 X= 0.5KM, Y= 0.3KM, Z= 0.0M, DIST= 0.6KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 15 NAME=R15 X= 0.5KM, Y= 0.3KM, Z= 0.0M, DIST= 0.6KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.15E+01	9.13E-03	8.57E-04	4.74E-02	1.84E-02	5.25E+02
INFANT	GROUND	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02
INFANT	CLOUD	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.17E+01	2.48E-01	2.40E-01	2.86E-01	2.57E-01	5.25E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.15E+01	6.92E-03	4.00E-04	2.11E-02	8.67E-03	5.25E+02
CHILD	GROUND	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02
CHILD	CLOUD	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01
CHILD	VEG. ING	6.20E-04	7.17E-03	2.13E-03	2.13E-03	1.74E-03	0.00E+00
CHILD	MEAT ING	1.25E-04	1.45E-03	4.30E-04	4.30E-04	3.51E-04	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	3.17E+01	2.55E-01	2.42E-01	2.63E-01	2.50E-01	5.25E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.15E+01	1.70E-02	1.71E-04	9.03E-03	4.33E-03	5.25E+02
TEENAGE	GROUND	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02
TEENAGE	CLOUD	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01
TEENAGE	VEG. ING	1.03E-03	1.19E-02	3.53E-03	3.53E-03	2.87E-03	0.00E+00
TEENAGE	MEAT ING	2.03E-04	2.35E-03	6.99E-04	6.99E-04	5.69E-04	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	3.17E+01	2.70E-01	2.43E-01	2.52E-01	2.47E-01	5.25E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.15E+01	1.00E-02	1.43E-04	7.52E-03	3.61E-03	5.25E+02
ADULT	GROUND	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02	3.71E-02
ADULT	CLOUD	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01	2.02E-01
ADULT	VEG. ING	1.42E-03	1.64E-02	4.87E-03	4.87E-03	3.97E-03	0.00E+00
ADULT	MEAT ING	3.56E-04	4.11E-03	1.22E-03	1.22E-03	9.95E-04	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	3.17E+01	2.70E-01	2.45E-01	2.53E-01	2.48E-01	5.25E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 16 NAME=R16 X= 1.3KM, Y= 0.3KM, Z= 0.0M, DIST= 1.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 16 NAME=R16 X= 1.3KM, Y= 0.3KM, Z= 0.0M, DIST= 1.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.28E+00	1.10E-02	1.03E-03	5.70E-02	2.22E-02	1.55E+02
INFANT	GROUND	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02
INFANT	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	9.48E+00	2.08E-01	1.98E-01	2.54E-01	2.19E-01	1.55E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.28E+00	8.33E-03	4.81E-04	2.53E-02	1.04E-02	1.55E+02
CHILD	GROUND	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02
CHILD	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01
CHILD	VEG. ING	7.47E-04	8.63E-03	2.56E-03	2.56E-03	2.09E-03	0.00E+00
CHILD	MEAT ING	1.51E-04	1.74E-03	5.18E-04	5.18E-04	4.22E-04	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	9.48E+00	2.16E-01	2.01E-01	2.26E-01	2.10E-01	1.55E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.28E+00	2.05E-02	2.06E-04	1.09E-02	5.22E-03	1.55E+02
TEENAGE	GROUND	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02
TEENAGE	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01
TEENAGE	VEG. ING	1.24E-03	1.43E-02	4.24E-03	4.24E-03	3.46E-03	0.00E+00
TEENAGE	MEAT ING	2.45E-04	2.83E-03	8.41E-04	8.41E-04	6.85E-04	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	9.48E+00	2.35E-01	2.02E-01	2.13E-01	2.06E-01	1.55E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.28E+00	1.21E-02	1.72E-04	9.05E-03	4.35E-03	1.55E+02
ADULT	GROUND	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02	1.49E-02
ADULT	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01
ADULT	VEG. ING	1.71E-03	1.97E-02	5.86E-03	5.86E-03	4.77E-03	0.00E+00
ADULT	MEAT ING	4.28E-04	4.94E-03	1.47E-03	1.47E-03	1.20E-03	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	9.48E+00	2.34E-01	2.05E-01	2.13E-01	2.07E-01	1.55E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 17 NAME=R17 X= 1.3KM, Y= -0.3KM, Z= 0.0M, DIST= 1.4KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 17 NAME=R17 X= 1.3KM, Y= -0.3KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.93E+00	9.11E-03	8.57E-04	4.73E-02	1.84E-02	9.88E+01
INFANT	GROUND	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03
INFANT	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.06E+00	1.37E-01	1.28E-01	1.75E-01	1.46E-01	9.90E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.93E+00	6.91E-03	4.00E-04	2.10E-02	8.65E-03	9.88E+01
CHILD	GROUND	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03
CHILD	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01
CHILD	VEG. ING	6.19E-04	7.16E-03	2.13E-03	2.13E-03	1.73E-03	0.00E+00
CHILD	MEAT ING	1.25E-04	1.45E-03	4.30E-04	4.30E-04	3.50E-04	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	6.06E+00	1.43E-01	1.31E-01	1.51E-01	1.38E-01	9.90E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.93E+00	1.70E-02	1.71E-04	9.01E-03	4.33E-03	9.88E+01
TEENAGE	GROUND	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03
TEENAGE	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01
TEENAGE	VEG. ING	1.02E-03	1.18E-02	3.52E-03	3.52E-03	2.87E-03	0.00E+00
TEENAGE	MEAT ING	2.03E-04	2.35E-03	6.97E-04	6.97E-04	5.68E-04	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	6.06E+00	1.59E-01	1.32E-01	1.41E-01	1.35E-01	9.90E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.93E+00	1.00E-02	1.43E-04	7.51E-03	3.61E-03	9.88E+01
ADULT	GROUND	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03	9.37E-03
ADULT	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01
ADULT	VEG. ING	1.41E-03	1.63E-02	4.86E-03	4.86E-03	3.96E-03	0.00E+00
ADULT	MEAT ING	3.55E-04	4.10E-03	1.22E-03	1.22E-03	9.93E-04	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	6.06E+00	1.58E-01	1.34E-01	1.41E-01	1.36E-01	9.90E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 18 NAME=EHLERS X= 0.7KM, Y= -0.1KM, Z= 0.0M, DIST= 0.7KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 18 NAME=EHLERS X= 0.7KM, Y= -0.1KM, Z= 0.0M, DIST= 0.7KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.53E+01	8.64E-03	8.13E-04	4.49E-02	1.74E-02	2.55E+02
INFANT	GROUND	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.55E+01	1.96E-01	1.88E-01	2.32E-01	2.04E-01	2.55E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.53E+01	6.55E-03	3.79E-04	1.99E-02	8.21E-03	2.55E+02
CHILD	GROUND	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02
CHILD	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
CHILD	VEG. ING	5.88E-04	6.79E-03	2.02E-03	2.02E-03	1.64E-03	0.00E+00
CHILD	MEAT ING	1.19E-04	1.37E-03	4.08E-04	4.08E-04	3.32E-04	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	1.55E+01	2.02E-01	1.90E-01	2.09E-01	1.97E-01	2.55E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.53E+01	1.61E-02	1.63E-04	8.55E-03	4.10E-03	2.55E+02
TEENAGE	GROUND	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02
TEENAGE	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
TEENAGE	VEG. ING	9.72E-04	1.12E-02	3.34E-03	3.34E-03	2.72E-03	0.00E+00
TEENAGE	MEAT ING	1.93E-04	2.23E-03	6.62E-04	6.62E-04	5.39E-04	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	1.55E+01	2.17E-01	1.91E-01	2.00E-01	1.94E-01	2.55E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.53E+01	9.50E-03	1.36E-04	7.12E-03	3.42E-03	2.55E+02
ADULT	GROUND	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02	2.16E-02
ADULT	CLOUD	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01	1.65E-01
ADULT	VEG. ING	1.34E-03	1.55E-02	4.61E-03	4.61E-03	3.75E-03	0.00E+00
ADULT	MEAT ING	3.37E-04	3.89E-03	1.16E-03	1.16E-03	9.42E-04	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	1.55E+01	2.16E-01	1.93E-01	2.00E-01	1.95E-01	2.55E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 19 NAME=GIBBONS X= 0.7KM, Y= 0.7KM, Z= 0.0M, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 19 NAME=GIBBONS X= 0.7KM, Y= 0.7KM, Z= 0.0M, 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.	2.47E+01	1.13E-02	1.06E-03	5.85E-02	2.28E-02	4.11E+02
INFANT	GROUND	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
INFANT	CLOUD	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.49E+01	2.98E-01	2.88E-01	3.45E-01	3.09E-01	4.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.46E+01	8.55E-03	4.93E-04	2.60E-02	1.07E-02	4.11E+02
CHILD	GROUND	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
CHILD	CLOUD	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01
CHILD	VEG. ING	7.66E-04	8.86E-03	2.63E-03	2.63E-03	2.14E-03	0.00E+00
CHILD	MEAT ING	1.55E-04	1.79E-03	5.32E-04	5.32E-04	4.33E-04	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	2.49E+01	3.06E-01	2.90E-01	3.16E-01	3.00E-01	4.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.46E+01	2.11E-02	2.11E-04	1.11E-02	5.35E-03	4.11E+02
TEENAGE	GROUND	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
TEENAGE	CLOUD	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01
TEENAGE	VEG. ING	1.27E-03	1.46E-02	4.35E-03	4.35E-03	3.55E-03	0.00E+00
TEENAGE	MEAT ING	2.51E-04	2.90E-03	8.63E-04	8.63E-04	7.03E-04	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	2.49E+01	3.25E-01	2.92E-01	3.03E-01	2.96E-01	4.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.46E+01	1.24E-02	1.76E-04	9.29E-03	4.46E-03	4.11E+02
ADULT	GROUND	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02	3.58E-02
ADULT	CLOUD	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01	2.51E-01
ADULT	VEG. ING	1.75E-03	2.02E-02	6.01E-03	6.01E-03	4.90E-03	0.00E+00
ADULT	MEAT ING	4.39E-04	5.08E-03	1.51E-03	1.51E-03	1.23E-03	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	2.49E+01	3.24E-01	2.94E-01	3.04E-01	2.97E-01	4.11E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 20 NAME=STETSON X= -0.5KM, Y= 1.2KM, Z= 0.0M, DIST= 1.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 20 NAME=STETSON X= -0.5KM, Y= 1.2KM, Z= 0.0M, DIST= 1.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.86E+01	1.15E-02	1.07E-03	5.96E-02	2.32E-02	3.10E+02
INFANT	GROUND	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02
INFANT	CLOUD	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.89E+01	2.86E-01	2.76E-01	3.35E-01	2.98E-01	3.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.86E+01	8.70E-03	5.01E-04	2.65E-02	1.09E-02	3.10E+02
CHILD	GROUND	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02
CHILD	CLOUD	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01
CHILD	VEG. ING	7.80E-04	9.02E-03	2.68E-03	2.68E-03	2.18E-03	0.00E+00
CHILD	MEAT ING	1.58E-04	1.82E-03	5.41E-04	5.41E-04	4.41E-04	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	1.89E+01	2.95E-01	2.79E-01	3.05E-01	2.88E-01	3.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.86E+01	2.14E-02	2.15E-04	1.13E-02	5.45E-03	3.10E+02
TEENAGE	GROUND	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02
TEENAGE	CLOUD	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01
TEENAGE	VEG. ING	1.29E-03	1.49E-02	4.43E-03	4.43E-03	3.61E-03	0.00E+00
TEENAGE	MEAT ING	2.56E-04	2.96E-03	8.79E-04	8.79E-04	7.16E-04	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	1.89E+01	3.14E-01	2.81E-01	2.92E-01	2.85E-01	3.11E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.86E+01	1.26E-02	1.79E-04	9.46E-03	4.54E-03	3.10E+02
ADULT	GROUND	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02	2.86E-02
ADULT	CLOUD	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01	2.46E-01
ADULT	VEG. ING	1.78E-03	2.06E-02	6.12E-03	6.12E-03	4.99E-03	0.00E+00
ADULT	MEAT ING	4.47E-04	5.17E-03	1.54E-03	1.54E-03	1.25E-03	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	1.89E+01	3.13E-01	2.83E-01	2.92E-01	2.86E-01	3.11E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 21 NAME=KNODE X= -1.9KM, Y= 2.7KM, Z= 0.0M, DIST= 3.3KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 21 NAME=KNODE X= -1.9KM, Y= 2.7KM, Z= 0.0M, DIST= 3.3KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.87E+00	1.88E-02	1.76E-03	9.77E-02	3.80E-02	9.77E+01
INFANT	GROUND	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02
INFANT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.09E+00	2.36E-01	2.19E-01	3.15E-01	2.55E-01	9.79E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.87E+00	1.43E-02	8.20E-04	4.34E-02	1.79E-02	9.77E+01
CHILD	GROUND	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02
CHILD	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
CHILD	VEG. ING	1.28E-03	1.48E-02	4.39E-03	4.39E-03	3.58E-03	0.00E+00
CHILD	MEAT ING	2.58E-04	2.98E-03	8.87E-04	8.87E-04	7.23E-04	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	6.08E+00	2.49E-01	2.23E-01	2.66E-01	2.39E-01	9.79E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.87E+00	3.51E-02	3.51E-04	1.86E-02	8.93E-03	9.77E+01
TEENAGE	GROUND	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02
TEENAGE	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
TEENAGE	VEG. ING	2.12E-03	2.44E-02	7.26E-03	7.26E-03	5.92E-03	0.00E+00
TEENAGE	MEAT ING	4.19E-04	4.84E-03	1.44E-03	1.44E-03	1.17E-03	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	6.09E+00	2.82E-01	2.26E-01	2.44E-01	2.33E-01	9.79E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.87E+00	2.07E-02	2.93E-04	1.55E-02	7.44E-03	9.77E+01
ADULT	GROUND	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02	1.03E-02
ADULT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
ADULT	VEG. ING	2.92E-03	3.38E-02	1.00E-02	1.00E-02	8.17E-03	0.00E+00
ADULT	MEAT ING	7.33E-04	8.47E-03	2.52E-03	2.52E-03	2.05E-03	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	6.09E+00	2.80E-01	2.30E-01	2.45E-01	2.35E-01	9.79E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 22 NAME=BROTT X= -1.4KM, Y= 1.3KM, Z= 0.0M, DIST= 1.9KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 22 NAME=BROTT X= -1.4KM, Y= 1.3KM, Z= 0.0M, DIST= 1.9KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.60E+01	1.01E-02	9.49E-04	5.26E-02	2.04E-02	2.67E+02
INFANT	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
INFANT	CLOUD	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.62E+01	1.93E-01	1.83E-01	2.35E-01	2.03E-01	2.67E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.60E+01	7.68E-03	4.43E-04	2.34E-02	9.62E-03	2.67E+02
CHILD	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
CHILD	CLOUD	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
CHILD	VEG. ING	6.89E-04	7.96E-03	2.36E-03	2.36E-03	1.93E-03	0.00E+00
CHILD	MEAT ING	1.39E-04	1.61E-03	4.78E-04	4.78E-04	3.89E-04	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	1.62E+01	2.00E-01	1.86E-01	2.09E-01	1.94E-01	2.67E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.60E+01	1.89E-02	1.90E-04	1.00E-02	4.81E-03	2.67E+02
TEENAGE	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
TEENAGE	CLOUD	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
TEENAGE	VEG. ING	1.14E-03	1.32E-02	3.91E-03	3.91E-03	3.19E-03	0.00E+00
TEENAGE	MEAT ING	2.26E-04	2.61E-03	7.75E-04	7.75E-04	6.32E-04	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	1.62E+01	2.17E-01	1.87E-01	1.97E-01	1.91E-01	2.67E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.60E+01	1.11E-02	1.58E-04	8.35E-03	4.01E-03	2.67E+02
ADULT	GROUND	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02	2.17E-02
ADULT	CLOUD	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
ADULT	VEG. ING	1.57E-03	1.82E-02	5.40E-03	5.40E-03	4.40E-03	0.00E+00
ADULT	MEAT ING	3.95E-04	4.56E-03	1.36E-03	1.36E-03	1.10E-03	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	1.62E+01	2.16E-01	1.89E-01	1.98E-01	1.92E-01	2.67E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SP1 X= 0.7KM, Y= 0.2KM, Z= 0.0M, DIST= 0.7KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 23 NAME=SP1 X= 0.7KM, Y= 0.2KM, Z= 0.0M, DIST= 0.7KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.79E+01	9.06E-03	8.52E-04	4.70E-02	1.83E-02	2.99E+02
INFANT	GROUND	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02
INFANT	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.81E+01	2.16E-01	2.08E-01	2.54E-01	2.25E-01	2.99E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.79E+01	6.87E-03	3.97E-04	2.09E-02	8.61E-03	2.99E+02
CHILD	GROUND	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02
CHILD	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01
CHILD	VEG. ING	6.16E-04	7.12E-03	2.12E-03	2.12E-03	1.72E-03	0.00E+00
CHILD	MEAT ING	1.24E-04	1.44E-03	4.27E-04	4.27E-04	3.48E-04	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	1.81E+01	2.22E-01	2.10E-01	2.30E-01	2.18E-01	2.99E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.79E+01	1.69E-02	1.70E-04	8.96E-03	4.30E-03	2.99E+02
TEENAGE	GROUND	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02
TEENAGE	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01
TEENAGE	VEG. ING	1.02E-03	1.18E-02	3.50E-03	3.50E-03	2.85E-03	0.00E+00
TEENAGE	MEAT ING	2.02E-04	2.33E-03	6.94E-04	6.94E-04	5.65E-04	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	1.81E+01	2.38E-01	2.11E-01	2.20E-01	2.15E-01	2.99E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.79E+01	9.96E-03	1.42E-04	7.47E-03	3.59E-03	2.99E+02
ADULT	GROUND	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02	2.45E-02
ADULT	CLOUD	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01	1.82E-01
ADULT	VEG. ING	1.41E-03	1.63E-02	4.83E-03	4.83E-03	3.94E-03	0.00E+00
ADULT	MEAT ING	3.53E-04	4.08E-03	1.21E-03	1.21E-03	9.88E-04	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	1.81E+01	2.37E-01	2.13E-01	2.20E-01	2.15E-01	2.99E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 24 NAME=SP2 X= 0.7KM, Y= 0.6KM, Z= 0.0M, DIST= 0.9KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 24 NAME=SP2 X= 0.7KM, Y= 0.6KM, Z= 0.0M, DIST= 0.9KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.60E+01	1.03E-02	9.63E-04	5.33E-02	2.07E-02	4.33E+02
INFANT	GROUND	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02
INFANT	CLOUD	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.62E+01	2.70E-01	2.61E-01	3.13E-01	2.81E-01	4.33E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.60E+01	7.78E-03	4.49E-04	2.37E-02	9.75E-03	4.33E+02
CHILD	GROUND	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02
CHILD	CLOUD	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01
CHILD	VEG. ING	6.98E-04	8.06E-03	2.40E-03	2.40E-03	1.95E-03	0.00E+00
CHILD	MEAT ING	1.41E-04	1.63E-03	4.84E-04	4.84E-04	3.94E-04	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	2.62E+01	2.78E-01	2.64E-01	2.87E-01	2.72E-01	4.33E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.60E+01	1.92E-02	1.93E-04	1.02E-02	4.88E-03	4.33E+02
TEENAGE	GROUND	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02
TEENAGE	CLOUD	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01
TEENAGE	VEG. ING	1.15E-03	1.33E-02	3.97E-03	3.97E-03	3.23E-03	0.00E+00
TEENAGE	MEAT ING	2.29E-04	2.64E-03	7.86E-04	7.86E-04	6.40E-04	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	2.62E+01	2.95E-01	2.65E-01	2.75E-01	2.69E-01	4.33E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.60E+01	1.13E-02	1.60E-04	8.46E-03	4.06E-03	4.33E+02
ADULT	GROUND	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02	3.54E-02
ADULT	CLOUD	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01	2.25E-01
ADULT	VEG. ING	1.59E-03	1.84E-02	5.48E-03	5.48E-03	4.46E-03	0.00E+00
ADULT	MEAT ING	4.00E-04	4.62E-03	1.37E-03	1.37E-03	1.12E-03	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	2.62E+01	2.95E-01	2.67E-01	2.75E-01	2.70E-01	4.33E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 25 NAME=SP3 X= 0.7KM, Y= 0.9KM, Z= 0.0M, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 25 NAME=SP3 X= 0.7KM, Y= 0.9KM, Z= 0.0M, 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.	2.44E+01	1.23E-02	1.15E-03	6.36E-02	2.47E-02	4.07E+02
INFANT	GROUND	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02
INFANT	CLOUD	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.48E+01	3.26E-01	3.14E-01	3.77E-01	3.38E-01	4.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.44E+01	9.29E-03	5.35E-04	2.83E-02	1.16E-02	4.07E+02
CHILD	GROUND	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02
CHILD	CLOUD	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01
CHILD	VEG. ING	8.33E-04	9.63E-03	2.86E-03	2.86E-03	2.33E-03	0.00E+00
CHILD	MEAT ING	1.68E-04	1.94E-03	5.78E-04	5.78E-04	4.71E-04	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	2.48E+01	3.34E-01	3.17E-01	3.45E-01	3.28E-01	4.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.44E+01	2.29E-02	2.29E-04	1.21E-02	5.82E-03	4.07E+02
TEENAGE	GROUND	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02
TEENAGE	CLOUD	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01
TEENAGE	VEG. ING	1.38E-03	1.59E-02	4.73E-03	4.73E-03	3.86E-03	0.00E+00
TEENAGE	MEAT ING	2.73E-04	3.16E-03	9.38E-04	9.38E-04	7.64E-04	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	2.48E+01	3.55E-01	3.19E-01	3.31E-01	3.24E-01	4.08E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.44E+01	1.35E-02	1.91E-04	1.01E-02	4.85E-03	4.07E+02
ADULT	GROUND	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02	3.65E-02
ADULT	CLOUD	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01	2.77E-01
ADULT	VEG. ING	1.90E-03	2.20E-02	6.54E-03	6.54E-03	5.32E-03	0.00E+00
ADULT	MEAT ING	4.77E-04	5.52E-03	1.64E-03	1.64E-03	1.34E-03	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	2.48E+01	3.54E-01	3.22E-01	3.32E-01	3.25E-01	4.08E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 26 NAME=McDOWELL X= -2.2KM, Y= 4.4KM, Z= 0.0M, DIST= 4.9KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 26 NAME=McDOWELL X= -2.2KM, Y= 4.4KM, Z= 0.0M, DIST= 4.9KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.98E+00	3.40E-02	3.18E-03	1.76E-01	6.86E-02	6.61E+01
INFANT	GROUND	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03
INFANT	CLOUD	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.24E+00	2.92E-01	2.61E-01	4.34E-01	3.26E-01	6.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.97E+00	2.58E-02	1.48E-03	7.84E-02	3.23E-02	6.61E+01
CHILD	GROUND	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03
CHILD	CLOUD	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01
CHILD	VEG. ING	2.31E-03	2.67E-02	7.93E-03	7.93E-03	6.46E-03	0.00E+00
CHILD	MEAT ING	4.67E-04	5.39E-03	1.60E-03	1.60E-03	1.31E-03	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	4.23E+00	3.16E-01	2.69E-01	3.46E-01	2.98E-01	6.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.97E+00	6.35E-02	6.35E-04	3.36E-02	1.61E-02	6.61E+01
TEENAGE	GROUND	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03
TEENAGE	CLOUD	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01
TEENAGE	VEG. ING	3.82E-03	4.41E-02	1.31E-02	1.31E-02	1.07E-02	0.00E+00
TEENAGE	MEAT ING	7.57E-04	8.75E-03	2.60E-03	2.60E-03	2.12E-03	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	4.23E+00	3.74E-01	2.74E-01	3.07E-01	2.87E-01	6.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.97E+00	3.73E-02	5.29E-04	2.80E-02	1.34E-02	6.61E+01
ADULT	GROUND	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03	7.41E-03
ADULT	CLOUD	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01	2.50E-01
ADULT	VEG. ING	5.28E-03	6.10E-02	1.81E-02	1.81E-02	1.48E-02	0.00E+00
ADULT	MEAT ING	1.32E-03	1.53E-02	4.55E-03	4.55E-03	3.70E-03	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	4.24E+00	3.71E-01	2.81E-01	3.08E-01	2.90E-01	6.64E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 27 NAME=TAGGART X= -1.9KM, Y= 4.4KM, Z= 0.0M, DIST= 4.8KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 27 NAME=TAGGART X= -1.9KM, Y= 4.4KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.58E+00	3.71E-02	3.47E-03	1.93E-01	7.49E-02	7.61E+01
INFANT	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
INFANT	CLOUD	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	4.87E+00	3.27E-01	2.93E-01	4.82E-01	3.65E-01	7.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.57E+00	2.81E-02	1.62E-03	8.56E-02	3.52E-02	7.61E+01
CHILD	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
CHILD	CLOUD	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01
CHILD	VEG. ING	2.52E-03	2.91E-02	8.66E-03	8.66E-03	7.05E-03	0.00E+00
CHILD	MEAT ING	5.09E-04	5.89E-03	1.75E-03	1.75E-03	1.43E-03	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	4.87E+00	3.53E-01	3.02E-01	3.86E-01	3.33E-01	7.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.57E+00	6.93E-02	6.93E-04	3.67E-02	1.76E-02	7.61E+01
TEENAGE	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
TEENAGE	CLOUD	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01
TEENAGE	VEG. ING	4.17E-03	4.82E-02	1.43E-02	1.43E-02	1.17E-02	0.00E+00
TEENAGE	MEAT ING	8.27E-04	9.55E-03	2.84E-03	2.84E-03	2.31E-03	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	4.87E+00	4.17E-01	3.08E-01	3.44E-01	3.21E-01	7.64E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.57E+00	4.08E-02	5.78E-04	3.06E-02	1.47E-02	7.61E+01
ADULT	GROUND	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03	8.51E-03
ADULT	CLOUD	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01	2.81E-01
ADULT	VEG. ING	5.76E-03	6.66E-02	1.98E-02	1.98E-02	1.61E-02	0.00E+00
ADULT	MEAT ING	1.45E-03	1.67E-02	4.96E-03	4.96E-03	4.04E-03	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	4.87E+00	4.14E-01	3.15E-01	3.45E-01	3.25E-01	7.64E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 28 NAME=FRANEY X= -1.0KM, Y= 4.8KM, Z= 0.0M, DIST= 4.9KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 28 NAME=FRANEY X= -1.0KM, Y= 4.8KM, Z= 0.0M, DIST= 4.9KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.16E+00	5.06E-02	4.73E-03	2.63E-01	1.02E-01	1.02E+02
INFANT	GROUND	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02
INFANT	CLOUD	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	6.55E+00	4.43E-01	3.97E-01	6.55E-01	4.94E-01	1.03E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.15E+00	3.84E-02	2.21E-03	1.17E-01	4.81E-02	1.02E+02
CHILD	GROUND	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02
CHILD	CLOUD	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01
CHILD	VEG. ING	3.44E-03	3.98E-02	1.18E-02	1.18E-02	9.62E-03	0.00E+00
CHILD	MEAT ING	6.95E-04	8.03E-03	2.39E-03	2.39E-03	1.94E-03	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	6.55E+00	4.78E-01	4.08E-01	5.23E-01	4.52E-01	1.03E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.15E+00	9.45E-02	9.46E-04	5.00E-02	2.40E-02	1.02E+02
TEENAGE	GROUND	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02
TEENAGE	CLOUD	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01
TEENAGE	VEG. ING	5.69E-03	6.58E-02	1.95E-02	1.95E-02	1.59E-02	0.00E+00
TEENAGE	MEAT ING	1.13E-03	1.30E-02	3.87E-03	3.87E-03	3.16E-03	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	6.55E+00	5.65E-01	4.16E-01	4.66E-01	4.35E-01	1.03E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.15E+00	5.56E-02	7.88E-04	4.17E-02	2.00E-02	1.02E+02
ADULT	GROUND	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02	1.15E-02
ADULT	CLOUD	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01	3.81E-01
ADULT	VEG. ING	7.86E-03	9.08E-02	2.70E-02	2.70E-02	2.20E-02	0.00E+00
ADULT	MEAT ING	1.97E-03	2.28E-02	6.77E-03	6.77E-03	5.52E-03	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	6.55E+00	5.61E-01	4.27E-01	4.68E-01	4.40E-01	1.03E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 29 NAME=BUNCH X= 1.0KM, Y= 4.3KM, Z= 0.0M, DIST= 4.4KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 29 NAME=BUNCH X= 1.0KM, Y= 4.3KM, Z= 0.0M, DIST= 4.4KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.08E+00	5.56E-02	5.19E-03	2.89E-01	1.12E-01	1.18E+02
INFANT	GROUND	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02
INFANT	CLOUD	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	7.53E+00	5.07E-01	4.57E-01	7.40E-01	5.64E-01	1.18E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.07E+00	4.21E-02	2.42E-03	1.28E-01	5.28E-02	1.18E+02
CHILD	GROUND	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02
CHILD	CLOUD	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01
CHILD	VEG. ING	3.78E-03	4.37E-02	1.30E-02	1.30E-02	1.06E-02	0.00E+00
CHILD	MEAT ING	7.63E-04	8.82E-03	2.62E-03	2.62E-03	2.14E-03	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	7.53E+00	5.46E-01	4.70E-01	5.95E-01	5.17E-01	1.18E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.07E+00	1.04E-01	1.04E-03	5.50E-02	2.64E-02	1.18E+02
TEENAGE	GROUND	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02
TEENAGE	CLOUD	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01
TEENAGE	VEG. ING	6.25E-03	7.22E-02	2.15E-02	2.15E-02	1.75E-02	0.00E+00
TEENAGE	MEAT ING	1.24E-03	1.43E-02	4.26E-03	4.26E-03	3.47E-03	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	7.53E+00	6.42E-01	4.78E-01	5.32E-01	4.99E-01	1.18E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.07E+00	6.11E-02	8.65E-04	4.58E-02	2.20E-02	1.18E+02
ADULT	GROUND	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02	1.32E-02
ADULT	CLOUD	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01	4.38E-01
ADULT	VEG. ING	8.63E-03	9.97E-02	2.96E-02	2.96E-02	2.41E-02	0.00E+00
ADULT	MEAT ING	2.17E-03	2.50E-02	7.44E-03	7.44E-03	6.06E-03	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	7.54E+00	6.37E-01	4.89E-01	5.34E-01	5.04E-01	1.18E+02

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 30 NAME=DYER X= -2.4KM, Y= 0.6KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 30 NAME=DYER X= -2.4KM, Y= 0.6KM, 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.	3.14E+00	1.18E-02	1.11E-03	6.15E-02	2.39E-02	5.23E+01
INFANT	GROUND	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03
INFANT	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.27E+00	1.36E-01	1.25E-01	1.85E-01	1.48E-01	5.24E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.14E+00	8.98E-03	5.18E-04	2.73E-02	1.12E-02	5.23E+01
CHILD	GROUND	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03
CHILD	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01
CHILD	VEG. ING	8.05E-04	9.30E-03	2.77E-03	2.77E-03	2.25E-03	0.00E+00
CHILD	MEAT ING	1.63E-04	1.88E-03	5.59E-04	5.59E-04	4.55E-04	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	3.26E+00	1.44E-01	1.28E-01	1.54E-01	1.38E-01	5.24E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.14E+00	2.21E-02	2.22E-04	1.17E-02	5.62E-03	5.23E+01
TEENAGE	GROUND	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03
TEENAGE	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01
TEENAGE	VEG. ING	1.33E-03	1.54E-02	4.57E-03	4.57E-03	3.73E-03	0.00E+00
TEENAGE	MEAT ING	2.64E-04	3.05E-03	9.07E-04	9.07E-04	7.39E-04	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	3.26E+00	1.64E-01	1.29E-01	1.41E-01	1.34E-01	5.24E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.14E+00	1.30E-02	1.85E-04	9.76E-03	4.69E-03	5.23E+01
ADULT	GROUND	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03	5.55E-03
ADULT	CLOUD	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01	1.18E-01
ADULT	VEG. ING	1.84E-03	2.13E-02	6.32E-03	6.32E-03	5.15E-03	0.00E+00
ADULT	MEAT ING	4.61E-04	5.33E-03	1.58E-03	1.58E-03	1.29E-03	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	3.27E+00	1.63E-01	1.32E-01	1.41E-01	1.35E-01	5.24E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 31 NAME=NT-1 X= -4.0KM, Y= 11.3KM, Z= 0.0M, DIST= 12.0KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 31 NAME=NT-1 X= -4.0KM, Y= 11.3KM, Z= 0.0M, DIST= 12.0KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.55E+00	6.18E-02	5.85E-03	3.21E-01	1.25E-01	9.22E+01
INFANT	GROUND	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02
INFANT	CLOUD	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	5.84E+00	3.54E-01	2.98E-01	6.13E-01	4.17E-01	9.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.54E+00	4.69E-02	2.73E-03	1.43E-01	5.87E-02	9.22E+01
CHILD	GROUND	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02
CHILD	CLOUD	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01
CHILD	VEG. ING	4.20E-03	4.85E-02	1.44E-02	1.44E-02	1.18E-02	0.00E+00
CHILD	MEAT ING	8.49E-04	9.81E-03	2.91E-03	2.91E-03	2.37E-03	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	5.84E+00	3.97E-01	3.12E-01	4.52E-01	3.65E-01	9.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.54E+00	1.15E-01	1.17E-03	6.11E-02	2.93E-02	9.22E+01
TEENAGE	GROUND	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02
TEENAGE	CLOUD	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01
TEENAGE	VEG. ING	6.95E-03	8.03E-02	2.39E-02	2.39E-02	1.94E-02	0.00E+00
TEENAGE	MEAT ING	1.38E-03	1.59E-02	4.73E-03	4.73E-03	3.85E-03	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	5.84E+00	5.03E-01	3.22E-01	3.81E-01	3.44E-01	9.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.54E+00	6.79E-02	9.75E-04	5.09E-02	2.45E-02	9.22E+01
ADULT	GROUND	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02	1.01E-02
ADULT	CLOUD	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01	2.82E-01
ADULT	VEG. ING	9.60E-03	1.11E-01	3.30E-02	3.30E-02	2.68E-02	0.00E+00
ADULT	MEAT ING	2.41E-03	2.78E-02	8.27E-03	8.27E-03	6.73E-03	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	5.84E+00	4.98E-01	3.34E-01	3.84E-01	3.50E-01	9.25E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 32 NAME=NT-2 X= -4.1KM, Y= 8.9KM, Z= 0.0M, DIST= 9.8KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 32 NAME=NT-2 X= -4.1KM, Y= 8.9KM, Z= 0.0M, DIST= 9.8KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.24E+00	4.59E-02	4.33E-03	2.38E-01	9.26E-02	5.38E+01
INFANT	GROUND	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.41E+00	2.17E-01	1.76E-01	4.10E-01	2.64E-01	5.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.23E+00	3.48E-02	2.02E-03	1.06E-01	4.36E-02	5.38E+01
CHILD	GROUND	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	3.12E-03	3.60E-02	1.07E-02	1.07E-02	8.73E-03	0.00E+00
CHILD	MEAT ING	6.30E-04	7.28E-03	2.16E-03	2.16E-03	1.76E-03	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	3.41E+00	2.50E-01	1.86E-01	2.90E-01	2.26E-01	5.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.23E+00	8.57E-02	8.67E-04	4.54E-02	2.18E-02	5.38E+01
TEENAGE	GROUND	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	5.16E-03	5.96E-02	1.77E-02	1.77E-02	1.44E-02	0.00E+00
TEENAGE	MEAT ING	1.02E-03	1.18E-02	3.51E-03	3.51E-03	2.86E-03	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	3.41E+00	3.29E-01	1.94E-01	2.38E-01	2.11E-01	5.39E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.23E+00	5.04E-02	7.22E-04	3.78E-02	1.82E-02	5.38E+01
ADULT	GROUND	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03	5.42E-03
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	7.13E-03	8.23E-02	2.45E-02	2.45E-02	1.99E-02	0.00E+00
ADULT	MEAT ING	1.79E-03	2.07E-02	6.14E-03	6.14E-03	5.00E-03	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	3.41E+00	3.25E-01	2.03E-01	2.40E-01	2.15E-01	5.39E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 33 NAME=NT-3 X= -4.8KM, Y= 7.9KM, Z= 0.0M, DIST= 9.2KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 33 NAME=NT-3 X= -4.8KM, Y= 7.9KM, Z= 0.0M, DIST= 9.2KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.92E+00	3.82E-02	3.60E-03	1.98E-01	7.71E-02	4.85E+01
INFANT	GROUND	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	3.09E+00	2.10E-01	1.75E-01	3.70E-01	2.49E-01	4.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.91E+00	2.90E-02	1.68E-03	8.81E-02	3.63E-02	4.85E+01
CHILD	GROUND	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	2.60E-03	3.00E-02	8.92E-03	8.92E-03	7.26E-03	0.00E+00
CHILD	MEAT ING	5.24E-04	6.06E-03	1.80E-03	1.80E-03	1.47E-03	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	3.09E+00	2.37E-01	1.84E-01	2.71E-01	2.17E-01	4.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.91E+00	7.13E-02	7.20E-04	3.78E-02	1.81E-02	4.85E+01
TEENAGE	GROUND	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	4.29E-03	4.96E-02	1.47E-02	1.47E-02	1.20E-02	0.00E+00
TEENAGE	MEAT ING	8.51E-04	9.84E-03	2.92E-03	2.92E-03	2.38E-03	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	3.09E+00	3.02E-01	1.90E-01	2.27E-01	2.04E-01	4.86E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.91E+00	4.20E-02	6.00E-04	3.15E-02	1.51E-02	4.85E+01
ADULT	GROUND	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03	5.22E-03
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	5.93E-03	6.85E-02	2.04E-02	2.04E-02	1.66E-02	0.00E+00
ADULT	MEAT ING	1.49E-03	1.72E-02	5.11E-03	5.11E-03	4.16E-03	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	3.09E+00	2.99E-01	1.98E-01	2.29E-01	2.08E-01	4.86E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 34 NAME=NT-4 X= -5.8KM, Y= 6.7KM, Z= 0.0M, DIST= 8.9KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 34 NAME=NT-4 X= -5.8KM, Y= 6.7KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.00E+00	2.74E-02	2.58E-03	1.42E-01	5.54E-02	3.31E+01
INFANT	GROUND	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03
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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.14E+00	1.70E-01	1.45E-01	2.85E-01	1.98E-01	3.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.99E+00	2.08E-02	1.20E-03	6.33E-02	2.61E-02	3.31E+01
CHILD	GROUND	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03
CHILD	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	VEG. ING	1.86E-03	2.16E-02	6.41E-03	6.41E-03	5.22E-03	0.00E+00
CHILD	MEAT ING	3.77E-04	4.35E-03	1.29E-03	1.29E-03	1.05E-03	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	2.14E+00	1.89E-01	1.51E-01	2.13E-01	1.75E-01	3.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.99E+00	5.12E-02	5.16E-04	2.71E-02	1.30E-02	3.31E+01
TEENAGE	GROUND	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03
TEENAGE	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	VEG. ING	3.09E-03	3.56E-02	1.06E-02	1.06E-02	8.63E-03	0.00E+00
TEENAGE	MEAT ING	6.12E-04	7.07E-03	2.10E-03	2.10E-03	1.71E-03	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	2.14E+00	2.36E-01	1.55E-01	1.82E-01	1.66E-01	3.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.99E+00	3.01E-02	4.30E-04	2.26E-02	1.09E-02	3.31E+01
ADULT	GROUND	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03	3.72E-03
ADULT	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	VEG. ING	4.26E-03	4.92E-02	1.46E-02	1.46E-02	1.19E-02	0.00E+00
ADULT	MEAT ING	1.07E-03	1.23E-02	3.67E-03	3.67E-03	2.99E-03	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	2.14E+00	2.34E-01	1.61E-01	1.83E-01	1.68E-01	3.33E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 35 NAME=NT-5 X= -4.6KM, Y= 6.8KM, Z= 0.0M, DIST= 8.2KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 35 NAME=NT-5 X= -4.6KM, Y= 6.8KM, Z= 0.0M, DIST= 8.2KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.25E+00	3.45E-02	3.25E-03	1.79E-01	6.97E-02	3.73E+01
INFANT	GROUND	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	2.42E+00	2.05E-01	1.73E-01	3.49E-01	2.40E-01	3.75E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.25E+00	2.62E-02	1.52E-03	7.97E-02	3.28E-02	3.73E+01
CHILD	GROUND	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03
CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
CHILD	VEG. ING	2.35E-03	2.71E-02	8.07E-03	8.07E-03	6.57E-03	0.00E+00
CHILD	MEAT ING	4.74E-04	5.48E-03	1.63E-03	1.63E-03	1.33E-03	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	2.42E+00	2.29E-01	1.81E-01	2.59E-01	2.11E-01	3.75E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.25E+00	6.45E-02	6.49E-04	3.42E-02	1.64E-02	3.73E+01
TEENAGE	GROUND	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03
TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
TEENAGE	VEG. ING	3.88E-03	4.49E-02	1.33E-02	1.33E-02	1.09E-02	0.00E+00
TEENAGE	MEAT ING	7.70E-04	8.90E-03	2.64E-03	2.64E-03	2.15E-03	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	2.42E+00	2.88E-01	1.87E-01	2.20E-01	2.00E-01	3.75E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.25E+00	3.80E-02	5.41E-04	2.85E-02	1.37E-02	3.73E+01
ADULT	GROUND	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03	4.21E-03
ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
ADULT	VEG. ING	5.36E-03	6.20E-02	1.84E-02	1.84E-02	1.50E-02	0.00E+00
ADULT	MEAT ING	1.35E-03	1.56E-02	4.62E-03	4.62E-03	3.76E-03	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	2.42E+00	2.86E-01	1.94E-01	2.22E-01	2.03E-01	3.75E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 36 NAME=NT-6 X= -7.2KM, Y= 11.6KM, Z= 0.0M, DIST= 13.7KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 36 NAME=NT-6 X= -7.2KM, Y= 11.6KM, Z= 0.0M, DIST= 13.7KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.51E+00	4.17E-02	3.97E-03	2.16E-01	8.41E-02	2.49E+01
INFANT	GROUND	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.63E+00	1.66E-01	1.28E-01	3.40E-01	2.08E-01	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.50E+00	3.16E-02	1.85E-03	9.62E-02	3.96E-02	2.49E+01
CHILD	GROUND	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03
CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
CHILD	VEG. ING	2.83E-03	3.27E-02	9.73E-03	9.73E-03	7.93E-03	0.00E+00
CHILD	MEAT ING	5.72E-04	6.61E-03	1.97E-03	1.97E-03	1.60E-03	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	1.63E+00	1.95E-01	1.38E-01	2.32E-01	1.73E-01	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.50E+00	7.79E-02	7.93E-04	4.12E-02	1.98E-02	2.49E+01
TEENAGE	GROUND	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03
TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
TEENAGE	VEG. ING	4.69E-03	5.42E-02	1.61E-02	1.61E-02	1.31E-02	0.00E+00
TEENAGE	MEAT ING	9.29E-04	1.07E-02	3.19E-03	3.19E-03	2.60E-03	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	1.63E+00	2.67E-01	1.44E-01	1.85E-01	1.60E-01	2.51E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.50E+00	4.58E-02	6.61E-04	3.44E-02	1.65E-02	2.49E+01
ADULT	GROUND	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03	2.85E-03
ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
ADULT	VEG. ING	6.47E-03	7.48E-02	2.22E-02	2.22E-02	1.81E-02	0.00E+00
ADULT	MEAT ING	1.62E-03	1.88E-02	5.58E-03	5.58E-03	4.54E-03	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	1.63E+00	2.63E-01	1.53E-01	1.86E-01	1.63E-01	2.51E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 37 NAME=NT-7 X= -8.3KM, Y= 9.9KM, Z= 0.0M, DIST= 12.9KM, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 37 NAME=NT-7 X= -8.3KM, Y= 9.9KM, Z= 0.0M, DIST= 12.9KM, IRTYPE=10

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.52E-01	2.85E-02	2.71E-03	1.48E-01	5.75E-02	1.57E+01
INFANT	GROUND	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03
INFANT	CLOUD	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.04E+00	1.14E-01	8.79E-02	2.33E-01	1.43E-01	1.58E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.48E-01	2.16E-02	1.26E-03	6.57E-02	2.71E-02	1.57E+01
CHILD	GROUND	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03
CHILD	CLOUD	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02
CHILD	VEG. ING	1.94E-03	2.24E-02	6.65E-03	6.65E-03	5.42E-03	0.00E+00
CHILD	MEAT ING	3.91E-04	4.52E-03	1.34E-03	1.34E-03	1.09E-03	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	1.04E+00	1.34E-01	9.45E-02	1.59E-01	1.19E-01	1.58E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.48E-01	5.32E-02	5.41E-04	2.82E-02	1.35E-02	1.57E+01
TEENAGE	GROUND	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03
TEENAGE	CLOUD	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02
TEENAGE	VEG. ING	3.20E-03	3.70E-02	1.10E-02	1.10E-02	8.96E-03	0.00E+00
TEENAGE	MEAT ING	6.35E-04	7.34E-03	2.18E-03	2.18E-03	1.78E-03	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	1.04E+00	1.83E-01	9.89E-02	1.27E-01	1.09E-01	1.58E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.47E-01	3.13E-02	4.51E-04	2.35E-02	1.13E-02	1.57E+01
ADULT	GROUND	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03	1.81E-03
ADULT	CLOUD	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02	8.34E-02
ADULT	VEG. ING	4.42E-03	5.11E-02	1.52E-02	1.52E-02	1.24E-02	0.00E+00
ADULT	MEAT ING	1.11E-03	1.28E-02	3.81E-03	3.81E-03	3.10E-03	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	1.04E+00	1.80E-01	1.05E-01	1.28E-01	1.12E-01	1.58E+01

TIME STEP NUMBER 1, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 38 NAME=NT-8 X= -0.4KM, Y= 2.8KM, Z= 0.0M, 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, 10-Year Action Perio DURATION IN YRS IS... 5.0

NUMBER 38 NAME=NT-8 X= -0.4KM, Y= 2.8KM, Z= 0.0M, 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.	1.54E+01	3.11E-02	2.90E-03	1.61E-01	6.27E-02	2.57E+02
INFANT	GROUND	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02
INFANT	CLOUD	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-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	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	TOTALS	1.59E+01	5.19E-01	4.91E-01	6.50E-01	5.51E-01	2.57E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.54E+01	2.36E-02	1.35E-03	7.17E-02	2.95E-02	2.57E+02
CHILD	GROUND	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02
CHILD	CLOUD	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01
CHILD	VEG. ING	2.11E-03	2.44E-02	7.26E-03	7.26E-03	5.91E-03	0.00E+00
CHILD	MEAT ING	4.27E-04	4.93E-03	1.47E-03	1.47E-03	1.19E-03	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	1.59E+01	5.41E-01	4.98E-01	5.69E-01	5.25E-01	2.57E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.54E+01	5.81E-02	5.80E-04	3.07E-02	1.48E-02	2.57E+02
TEENAGE	GROUND	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02
TEENAGE	CLOUD	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01
TEENAGE	VEG. ING	3.49E-03	4.04E-02	1.20E-02	1.20E-02	9.78E-03	0.00E+00
TEENAGE	MEAT ING	6.93E-04	8.01E-03	2.38E-03	2.38E-03	1.94E-03	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	1.59E+01	5.95E-01	5.03E-01	5.33E-01	5.15E-01	2.57E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.54E+01	3.42E-02	4.83E-04	2.56E-02	1.23E-02	2.57E+02
ADULT	GROUND	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02	2.67E-02
ADULT	CLOUD	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01	4.62E-01
ADULT	VEG. ING	4.83E-03	5.58E-02	1.66E-02	1.66E-02	1.35E-02	0.00E+00
ADULT	MEAT ING	1.21E-03	1.40E-02	4.16E-03	4.16E-03	3.39E-03	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	1.59E+01	5.92E-01	5.10E-01	5.35E-01	5.17E-01	2.57E+02

Program execution time = 2.52 seconds