

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.57E+00	9.97E-03	9.33E-04	5.18E-02	2.01E-02	1.09E+02
INFANT	GROUND	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02
INFANT	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.28E-03	4.51E-03	8.36E-03	8.36E-03	7.37E-03	0.00E+00
INFANT	TOTALS	6.72E+00	1.64E-01	1.59E-01	2.10E-01	1.77E-01	1.10E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.57E+00	7.56E-03	4.35E-04	2.30E-02	9.47E-03	1.09E+02
CHILD	GROUND	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02
CHILD	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
CHILD	VEG. ING	1.76E-03	7.97E-03	9.39E-03	9.39E-03	6.90E-03	0.00E+00
CHILD	MEAT ING	2.87E-04	1.30E-03	1.53E-03	1.53E-03	1.13E-03	0.00E+00
CHILD	MILK ING	3.66E-04	1.66E-03	1.95E-03	1.95E-03	1.44E-03	0.00E+00
CHILD	TOTALS	6.72E+00	1.68E-01	1.63E-01	1.86E-01	1.69E-01	1.10E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.57E+00	1.86E-02	1.87E-04	9.86E-03	4.74E-03	1.09E+02
TEENAGE	GROUND	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02
TEENAGE	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
TEENAGE	VEG. ING	2.63E-03	3.86E-02	8.35E-03	8.35E-03	6.91E-03	0.00E+00
TEENAGE	MEAT ING	4.22E-04	6.20E-03	1.34E-03	1.34E-03	1.11E-03	0.00E+00
TEENAGE	MILK ING	3.91E-04	5.75E-03	1.24E-03	1.24E-03	1.03E-03	0.00E+00
TEENAGE	TOTALS	6.72E+00	2.19E-01	1.61E-01	1.71E-01	1.64E-01	1.10E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.57E+00	1.10E-02	1.55E-04	8.22E-03	3.95E-03	1.09E+02
ADULT	GROUND	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02	1.07E-02
ADULT	CLOUD	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01	1.39E-01
ADULT	VEG. ING	1.59E-03	1.84E-02	5.46E-03	5.46E-03	4.44E-03	0.00E+00
ADULT	MEAT ING	3.23E-04	3.73E-03	1.11E-03	1.11E-03	9.03E-04	0.00E+00
ADULT	MILK ING	9.06E-05	1.05E-03	3.11E-04	3.11E-04	2.53E-04	0.00E+00
ADULT	TOTALS	6.72E+00	1.84E-01	1.57E-01	1.65E-01	1.60E-01	1.10E+02

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.70E+00	9.85E-03	9.22E-04	5.12E-02	1.99E-02	6.16E+01
INFANT	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
INFANT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.23E-03	4.41E-03	8.18E-03	8.18E-03	7.21E-03	0.00E+00
INFANT	TOTALS	3.82E+00	1.32E-01	1.26E-01	1.77E-01	1.44E-01	6.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.70E+00	7.47E-03	4.30E-04	2.27E-02	9.36E-03	6.16E+01
CHILD	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
CHILD	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
CHILD	VEG. ING	1.73E-03	7.83E-03	9.23E-03	9.23E-03	6.78E-03	0.00E+00
CHILD	MEAT ING	2.81E-04	1.27E-03	1.50E-03	1.50E-03	1.10E-03	0.00E+00
CHILD	MILK ING	3.58E-04	1.62E-03	1.91E-03	1.91E-03	1.40E-03	0.00E+00
CHILD	TOTALS	3.82E+00	1.35E-01	1.30E-01	1.53E-01	1.36E-01	6.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.70E+00	1.84E-02	1.84E-04	9.74E-03	4.68E-03	6.16E+01
TEENAGE	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
TEENAGE	VEG. ING	2.58E-03	3.80E-02	8.21E-03	8.21E-03	6.79E-03	0.00E+00
TEENAGE	MEAT ING	4.12E-04	6.06E-03	1.31E-03	1.31E-03	1.09E-03	0.00E+00
TEENAGE	MILK ING	3.83E-04	5.63E-03	1.22E-03	1.22E-03	1.01E-03	0.00E+00
TEENAGE	TOTALS	3.82E+00	1.85E-01	1.28E-01	1.38E-01	1.31E-01	6.17E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.70E+00	1.08E-02	1.54E-04	8.12E-03	3.90E-03	6.16E+01
ADULT	GROUND	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03	6.58E-03
ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
ADULT	VEG. ING	1.56E-03	1.80E-02	5.36E-03	5.36E-03	4.37E-03	0.00E+00
ADULT	MEAT ING	3.16E-04	3.65E-03	1.08E-03	1.08E-03	8.83E-04	0.00E+00
ADULT	MILK ING	8.86E-05	1.02E-03	3.04E-04	3.04E-04	2.48E-04	0.00E+00
ADULT	TOTALS	3.82E+00	1.51E-01	1.24E-01	1.32E-01	1.27E-01	6.17E+01

REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 185  
 METSET: Casper, Wyoming DATA: c:\m\97\asa.dat 01/20/97  
 TIME STEP NUMBER 4, After 8.00 Years DURATION IN YRS IS... 2.0

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.81E+00	1.23E-02	1.15E-03	6.38E-02	2.48E-02	1.13E+02
INFANT	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
INFANT	CLOUD	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.74E-03	5.42E-03	1.01E-02	1.01E-02	8.87E-03	0.00E+00

INFANT	TOTALS	7.00E+00	2.08E-01	2.02E-01	2.65E-01	2.24E-01	1.14E+02
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.80E+00	9.31E-03	5.35E-04	2.83E-02	1.17E-02	1.13E+02
CHILD	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
CHILD	CLOUD	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
CHILD	VEG. ING	2.14E-03	9.69E-03	1.14E-02	1.14E-02	8.39E-03	0.00E+00
CHILD	MEAT ING	3.46E-04	1.57E-03	1.85E-03	1.85E-03	1.36E-03	0.00E+00
CHILD	MILK ING	4.40E-04	1.99E-03	2.35E-03	2.35E-03	1.73E-03	0.00E+00

CHILD	TOTALS	7.00E+00	2.13E-01	2.07E-01	2.35E-01	2.14E-01	1.14E+02
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.80E+00	2.29E-02	2.29E-04	1.21E-02	5.83E-03	1.13E+02
TEENAGE	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
TEENAGE	CLOUD	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
TEENAGE	VEG. ING	3.20E-03	4.70E-02	1.02E-02	1.02E-02	8.41E-03	0.00E+00
TEENAGE	MEAT ING	5.07E-04	7.46E-03	1.61E-03	1.61E-03	1.33E-03	0.00E+00
TEENAGE	MILK ING	4.70E-04	6.92E-03	1.50E-03	1.50E-03	1.24E-03	0.00E+00

TEENAGE	TOTALS	7.00E+00	2.75E-01	2.04E-01	2.16E-01	2.08E-01	1.14E+02
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.80E+00	1.35E-02	1.91E-04	1.01E-02	4.86E-03	1.13E+02
ADULT	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
ADULT	CLOUD	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01	1.79E-01
ADULT	VEG. ING	1.93E-03	2.24E-02	6.64E-03	6.64E-03	5.41E-03	0.00E+00
ADULT	MEAT ING	3.88E-04	4.49E-03	1.33E-03	1.33E-03	1.09E-03	0.00E+00
ADULT	MILK ING	1.09E-04	1.26E-03	3.74E-04	3.74E-04	3.05E-04	0.00E+00

ADULT	TOTALS	7.00E+00	2.32E-01	1.99E-01	2.09E-01	2.02E-01	1.14E+02
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NUMBER 10 NAME=S PERM BNDRY    X= 0.0KM, Y= -2.3KM, Z= 185.9M, DIST= 2.3KM, IRTYPE=10

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.99E+00	9.18E-03	8.57E-04	4.77E-02	1.85E-02	8.31E+01
INFANT	GROUND	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03
INFANT	CLOUD	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.04E-03	4.04E-03	7.48E-03	7.48E-03	6.60E-03	0.00E+00
INFANT	TOTALS	5.13E+00	1.54E-01	1.49E-01	1.96E-01	1.66E-01	8.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.99E+00	6.96E-03	4.00E-04	2.12E-02	8.72E-03	8.31E+01
CHILD	GROUND	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03
CHILD	CLOUD	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
CHILD	VEG. ING	1.60E-03	7.23E-03	8.52E-03	8.52E-03	6.26E-03	0.00E+00
CHILD	MEAT ING	2.57E-04	1.17E-03	1.37E-03	1.37E-03	1.01E-03	0.00E+00
CHILD	MILK ING	3.28E-04	1.48E-03	1.75E-03	1.75E-03	1.29E-03	0.00E+00
CHILD	TOTALS	5.13E+00	1.58E-01	1.53E-01	1.74E-01	1.58E-01	8.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.99E+00	1.72E-02	1.71E-04	9.08E-03	4.36E-03	8.31E+01
TEENAGE	GROUND	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03
TEENAGE	CLOUD	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
TEENAGE	VEG. ING	2.39E-03	3.51E-02	7.58E-03	7.58E-03	6.28E-03	0.00E+00
TEENAGE	MEAT ING	3.77E-04	5.55E-03	1.20E-03	1.20E-03	9.93E-04	0.00E+00
TEENAGE	MILK ING	3.50E-04	5.15E-03	1.11E-03	1.11E-03	9.22E-04	0.00E+00
TEENAGE	TOTALS	5.13E+00	2.04E-01	1.51E-01	1.60E-01	1.53E-01	8.33E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.99E+00	1.01E-02	1.43E-04	7.57E-03	3.63E-03	8.31E+01
ADULT	GROUND	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03	8.73E-03
ADULT	CLOUD	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
ADULT	VEG. ING	1.44E-03	1.67E-02	4.96E-03	4.96E-03	4.04E-03	0.00E+00
ADULT	MEAT ING	2.89E-04	3.34E-03	9.92E-04	9.92E-04	8.08E-04	0.00E+00
ADULT	MILK ING	8.11E-05	9.37E-04	2.78E-04	2.78E-04	2.27E-04	0.00E+00
ADULT	TOTALS	5.13E+00	1.72E-01	1.47E-01	1.55E-01	1.50E-01	8.33E+01



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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.13E+00	1.21E-02	1.13E-03	6.28E-02	2.44E-02	8.55E+01
INFANT	GROUND	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03
INFANT	CLOUD	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.66E-03	5.28E-03	9.78E-03	9.78E-03	8.63E-03	0.00E+00
INFANT	TOTALS	5.31E+00	1.87E-01	1.80E-01	2.42E-01	2.02E-01	8.57E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.13E+00	9.16E-03	5.26E-04	2.79E-02	1.15E-02	8.55E+01
CHILD	GROUND	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03
CHILD	CLOUD	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01
CHILD	VEG. ING	2.09E-03	9.49E-03	1.12E-02	1.12E-02	8.21E-03	0.00E+00
CHILD	MEAT ING	3.36E-04	1.52E-03	1.80E-03	1.80E-03	1.32E-03	0.00E+00
CHILD	MILK ING	4.28E-04	1.94E-03	2.29E-03	2.29E-03	1.68E-03	0.00E+00
CHILD	TOTALS	5.30E+00	1.91E-01	1.85E-01	2.12E-01	1.92E-01	8.57E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.13E+00	2.26E-02	2.25E-04	1.20E-02	5.74E-03	8.55E+01
TEENAGE	GROUND	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03
TEENAGE	CLOUD	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01
TEENAGE	VEG. ING	3.13E-03	4.60E-02	9.95E-03	9.95E-03	8.23E-03	0.00E+00
TEENAGE	MEAT ING	4.93E-04	7.25E-03	1.57E-03	1.57E-03	1.30E-03	0.00E+00
TEENAGE	MILK ING	4.58E-04	6.73E-03	1.46E-03	1.46E-03	1.20E-03	0.00E+00
TEENAGE	TOTALS	5.31E+00	2.52E-01	1.82E-01	1.94E-01	1.86E-01	8.57E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.13E+00	1.33E-02	1.88E-04	9.96E-03	4.78E-03	8.55E+01
ADULT	GROUND	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03	9.23E-03
ADULT	CLOUD	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01	1.60E-01
ADULT	VEG. ING	1.89E-03	2.19E-02	6.50E-03	6.50E-03	5.30E-03	0.00E+00
ADULT	MEAT ING	3.78E-04	4.36E-03	1.30E-03	1.30E-03	1.06E-03	0.00E+00
ADULT	MILK ING	1.06E-04	1.22E-03	3.64E-04	3.64E-04	2.96E-04	0.00E+00
ADULT	TOTALS	5.30E+00	2.10E-01	1.78E-01	1.87E-01	1.81E-01	8.57E+01

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

40CFR 190 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
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
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
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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.69E+00	8.16E-03	7.66E-04	4.24E-02	1.65E-02	4.47E+01
INFANT	GROUND	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03
INFANT	CLOUD	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.82E-03	3.61E-03	6.68E-03	6.68E-03	5.89E-03	0.00E+00
INFANT	TOTALS	2.77E+00	8.79E-02	8.36E-02	1.25E-01	9.85E-02	4.48E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.69E+00	6.19E-03	3.57E-04	1.88E-02	7.75E-03	4.47E+01
CHILD	GROUND	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03
CHILD	CLOUD	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02
CHILD	VEG. ING	1.42E-03	6.44E-03	7.59E-03	7.59E-03	5.58E-03	0.00E+00
CHILD	MEAT ING	2.30E-04	1.04E-03	1.23E-03	1.23E-03	9.01E-04	0.00E+00
CHILD	MILK ING	2.93E-04	1.33E-03	1.56E-03	1.56E-03	1.15E-03	0.00E+00
CHILD	TOTALS	2.76E+00	9.11E-02	8.69E-02	1.05E-01	9.15E-02	4.48E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.69E+00	1.52E-02	1.53E-04	8.07E-03	3.87E-03	4.47E+01
TEENAGE	GROUND	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03
TEENAGE	CLOUD	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02
TEENAGE	VEG. ING	2.12E-03	3.12E-02	6.75E-03	6.75E-03	5.59E-03	0.00E+00
TEENAGE	MEAT ING	3.37E-04	4.96E-03	1.07E-03	1.07E-03	8.87E-04	0.00E+00
TEENAGE	MILK ING	3.13E-04	4.60E-03	9.95E-04	9.95E-04	8.23E-04	0.00E+00
TEENAGE	TOTALS	2.76E+00	1.32E-01	8.51E-02	9.30E-02	8.73E-02	4.48E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.69E+00	8.96E-03	1.28E-04	6.72E-03	3.23E-03	4.47E+01
ADULT	GROUND	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03	4.56E-03
ADULT	CLOUD	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02	7.16E-02
ADULT	VEG. ING	1.29E-03	1.49E-02	4.41E-03	4.41E-03	3.60E-03	0.00E+00
ADULT	MEAT ING	2.58E-04	2.98E-03	8.86E-04	8.86E-04	7.22E-04	0.00E+00
ADULT	MILK ING	7.24E-05	8.37E-04	2.49E-04	2.49E-04	2.03E-04	0.00E+00
ADULT	TOTALS	2.76E+00	1.04E-01	8.18E-02	8.84E-02	8.39E-02	4.48E+01

NUMBER 13 NAME=WSW PERM BNDRY X= -2.2KM, Y= -0.9KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10  
 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.69E+00	4.35E-03	4.05E-04	2.26E-02	8.78E-03	4.48E+01
INFANT	GROUND	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03
INFANT	CLOUD	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-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	9.40E-04	1.86E-03	3.45E-03	3.45E-03	3.05E-03	0.00E+00
INFANT	TOTALS	2.76E+00	7.78E-02	7.54E-02	9.76E-02	8.34E-02	4.49E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.69E+00	3.30E-03	1.89E-04	1.00E-02	4.13E-03	4.48E+01
CHILD	GROUND	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03
CHILD	CLOUD	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02
CHILD	VEG. ING	7.46E-04	3.38E-03	3.99E-03	3.99E-03	2.93E-03	0.00E+00
CHILD	MEAT ING	1.19E-04	5.38E-04	6.34E-04	6.34E-04	4.66E-04	0.00E+00
CHILD	MILK ING	1.51E-04	6.85E-04	8.07E-04	8.07E-04	5.93E-04	0.00E+00
CHILD	TOTALS	2.76E+00	7.94E-02	7.72E-02	8.70E-02	7.97E-02	4.49E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.69E+00	8.12E-03	8.10E-05	4.30E-03	2.07E-03	4.48E+01
TEENAGE	GROUND	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03
TEENAGE	CLOUD	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02
TEENAGE	VEG. ING	1.12E-03	1.64E-02	3.55E-03	3.55E-03	2.94E-03	0.00E+00
TEENAGE	MEAT ING	1.74E-04	2.56E-03	5.54E-04	5.54E-04	4.58E-04	0.00E+00
TEENAGE	MILK ING	1.62E-04	2.38E-03	5.14E-04	5.14E-04	4.25E-04	0.00E+00
TEENAGE	TOTALS	2.76E+00	1.01E-01	7.62E-02	8.05E-02	7.74E-02	4.49E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.69E+00	4.78E-03	6.75E-05	3.58E-03	1.72E-03	4.48E+01
ADULT	GROUND	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03	4.77E-03
ADULT	CLOUD	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02	6.68E-02
ADULT	VEG. ING	6.75E-04	7.80E-03	2.32E-03	2.32E-03	1.89E-03	0.00E+00
ADULT	MEAT ING	1.33E-04	1.54E-03	4.58E-04	4.58E-04	3.73E-04	0.00E+00
ADULT	MILK ING	3.74E-05	4.32E-04	1.29E-04	1.29E-04	1.05E-04	0.00E+00
ADULT	TOTALS	2.76E+00	8.61E-02	7.45E-02	7.80E-02	7.56E-02	4.49E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.23E+01	3.72E-03	3.47E-04	1.93E-02	7.51E-03	2.05E+02
INFANT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
INFANT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.15E-04	1.61E-03	2.99E-03	2.99E-03	2.64E-03	0.00E+00
INFANT	TOTALS	1.24E+01	1.33E-01	1.31E-01	1.50E-01	1.38E-01	2.05E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.23E+01	2.82E-03	1.62E-04	8.59E-03	3.54E-03	2.05E+02
CHILD	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
CHILD	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
CHILD	VEG. ING	6.43E-04	2.91E-03	3.43E-03	3.43E-03	2.52E-03	0.00E+00
CHILD	MEAT ING	1.03E-04	4.66E-04	5.49E-04	5.49E-04	4.03E-04	0.00E+00
CHILD	MILK ING	1.31E-04	5.94E-04	6.99E-04	6.99E-04	5.14E-04	0.00E+00
CHILD	TOTALS	1.24E+01	1.35E-01	1.33E-01	1.41E-01	1.35E-01	2.05E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.23E+01	6.95E-03	6.94E-05	3.68E-03	1.77E-03	2.05E+02
TEENAGE	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
TEENAGE	VEG. ING	9.61E-04	1.41E-02	3.05E-03	3.05E-03	2.53E-03	0.00E+00
TEENAGE	MEAT ING	1.51E-04	2.22E-03	4.80E-04	4.80E-04	3.97E-04	0.00E+00
TEENAGE	MILK ING	1.40E-04	2.06E-03	4.45E-04	4.45E-04	3.68E-04	0.00E+00
TEENAGE	TOTALS	1.24E+01	1.53E-01	1.32E-01	1.36E-01	1.33E-01	2.05E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.23E+01	4.09E-03	5.78E-05	3.07E-03	1.47E-03	2.05E+02
ADULT	GROUND	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02	1.75E-02
ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
ADULT	VEG. ING	5.81E-04	6.72E-03	2.00E-03	2.00E-03	1.63E-03	0.00E+00
ADULT	MEAT ING	1.16E-04	1.33E-03	3.97E-04	3.97E-04	3.23E-04	0.00E+00
ADULT	MILK ING	3.24E-05	3.75E-04	1.11E-04	1.11E-04	9.07E-05	0.00E+00
ADULT	TOTALS	1.24E+01	1.41E-01	1.31E-01	1.34E-01	1.32E-01	2.05E+02



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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.63E+00	1.92E-03	1.79E-04	9.96E-03	3.87E-03	4.38E+01
INFANT	GROUND	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03
INFANT	CLOUD	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.19E-04	8.30E-04	1.54E-03	1.54E-03	1.36E-03	0.00E+00
INFANT	TOTALS	2.67E+00	4.03E-02	3.93E-02	4.91E-02	4.28E-02	4.38E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.63E+00	1.45E-03	8.36E-05	4.43E-03	1.82E-03	4.38E+01
CHILD	GROUND	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03
CHILD	CLOUD	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02
CHILD	VEG. ING	3.31E-04	1.50E-03	1.77E-03	1.77E-03	1.30E-03	0.00E+00
CHILD	MEAT ING	5.29E-05	2.40E-04	2.82E-04	2.82E-04	2.07E-04	0.00E+00
CHILD	MILK ING	6.74E-05	3.05E-04	3.60E-04	3.60E-04	2.64E-04	0.00E+00
CHILD	TOTALS	2.67E+00	4.11E-02	4.01E-02	4.44E-02	4.12E-02	4.38E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.63E+00	3.58E-03	3.58E-05	1.90E-03	9.11E-04	4.38E+01
TEENAGE	GROUND	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03
TEENAGE	CLOUD	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02
TEENAGE	VEG. ING	4.95E-04	7.27E-03	1.57E-03	1.57E-03	1.30E-03	0.00E+00
TEENAGE	MEAT ING	7.76E-05	1.14E-03	2.47E-04	2.47E-04	2.04E-04	0.00E+00
TEENAGE	MILK ING	7.20E-05	1.06E-03	2.29E-04	2.29E-04	1.90E-04	0.00E+00
TEENAGE	TOTALS	2.67E+00	5.06E-02	3.97E-02	4.15E-02	4.02E-02	4.38E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.63E+00	2.11E-03	2.99E-05	1.58E-03	7.59E-04	4.38E+01
ADULT	GROUND	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03	4.11E-03
ADULT	CLOUD	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02	3.35E-02
ADULT	VEG. ING	2.99E-04	3.46E-03	1.03E-03	1.03E-03	8.37E-04	0.00E+00
ADULT	MEAT ING	5.94E-05	6.87E-04	2.04E-04	2.04E-04	1.66E-04	0.00E+00
ADULT	MILK ING	1.67E-05	1.93E-04	5.73E-05	5.73E-05	4.66E-05	0.00E+00
ADULT	TOTALS	2.67E+00	4.40E-02	3.89E-02	4.05E-02	3.94E-02	4.38E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.71E+00	1.73E-03	1.62E-04	8.99E-03	3.49E-03	2.84E+01
INFANT	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
INFANT	CLOUD	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-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	3.80E-04	7.52E-04	1.39E-03	1.39E-03	1.23E-03	0.00E+00
INFANT	TOTALS	1.74E+00	3.87E-02	3.78E-02	4.66E-02	4.10E-02	2.84E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.70E+00	1.31E-03	7.54E-05	3.99E-03	1.64E-03	2.84E+01
CHILD	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
CHILD	CLOUD	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02
CHILD	VEG. ING	2.99E-04	1.36E-03	1.60E-03	1.60E-03	1.17E-03	0.00E+00
CHILD	MEAT ING	4.79E-05	2.17E-04	2.56E-04	2.56E-04	1.88E-04	0.00E+00
CHILD	MILK ING	6.10E-05	2.76E-04	3.26E-04	3.26E-04	2.39E-04	0.00E+00
CHILD	TOTALS	1.74E+00	3.94E-02	3.85E-02	4.24E-02	3.95E-02	2.84E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.70E+00	3.23E-03	3.23E-05	1.71E-03	8.22E-04	2.84E+01
TEENAGE	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
TEENAGE	CLOUD	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02
TEENAGE	VEG. ING	4.47E-04	6.57E-03	1.42E-03	1.42E-03	1.18E-03	0.00E+00
TEENAGE	MEAT ING	7.03E-05	1.03E-03	2.23E-04	2.23E-04	1.85E-04	0.00E+00
TEENAGE	MILK ING	6.52E-05	9.59E-04	2.07E-04	2.07E-04	1.72E-04	0.00E+00
TEENAGE	TOTALS	1.74E+00	4.80E-02	3.81E-02	3.98E-02	3.86E-02	2.84E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.70E+00	1.90E-03	2.69E-05	1.43E-03	6.85E-04	2.84E+01
ADULT	GROUND	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03	2.88E-03
ADULT	CLOUD	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02	3.34E-02
ADULT	VEG. ING	2.70E-04	3.13E-03	9.29E-04	9.29E-04	7.57E-04	0.00E+00
ADULT	MEAT ING	5.38E-05	6.22E-04	1.85E-04	1.85E-04	1.51E-04	0.00E+00
ADULT	MILK ING	1.51E-05	1.74E-04	5.19E-05	5.19E-05	4.22E-05	0.00E+00
ADULT	TOTALS	1.74E+00	4.21E-02	3.74E-02	3.88E-02	3.79E-02	2.84E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.19E+00	1.82E-03	1.70E-04	9.46E-03	3.68E-03	1.98E+01
INFANT	GROUND	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03
INFANT	CLOUD	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.00E-04	7.93E-04	1.47E-03	1.47E-03	1.30E-03	0.00E+00
INFANT	TOTALS	1.22E+00	3.50E-02	3.41E-02	4.33E-02	3.74E-02	1.98E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.19E+00	1.38E-03	7.94E-05	4.20E-03	1.73E-03	1.98E+01
CHILD	GROUND	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03
CHILD	CLOUD	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02
CHILD	VEG. ING	3.15E-04	1.43E-03	1.68E-03	1.68E-03	1.24E-03	0.00E+00
CHILD	MEAT ING	5.05E-05	2.29E-04	2.70E-04	2.70E-04	1.98E-04	0.00E+00
CHILD	MILK ING	6.44E-05	2.92E-04	3.44E-04	3.44E-04	2.52E-04	0.00E+00
CHILD	TOTALS	1.22E+00	3.57E-02	3.48E-02	3.89E-02	3.58E-02	1.98E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.19E+00	3.40E-03	3.40E-05	1.80E-03	8.65E-04	1.98E+01
TEENAGE	GROUND	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03
TEENAGE	CLOUD	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02
TEENAGE	VEG. ING	4.71E-04	6.93E-03	1.50E-03	1.50E-03	1.24E-03	0.00E+00
TEENAGE	MEAT ING	7.41E-05	1.09E-03	2.36E-04	2.36E-04	1.95E-04	0.00E+00
TEENAGE	MILK ING	6.88E-05	1.01E-03	2.19E-04	2.19E-04	1.81E-04	0.00E+00
TEENAGE	TOTALS	1.22E+00	4.49E-02	3.44E-02	3.62E-02	3.49E-02	1.98E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.19E+00	2.00E-03	2.84E-05	1.50E-03	7.21E-04	1.98E+01
ADULT	GROUND	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03	2.08E-03
ADULT	CLOUD	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02	3.03E-02
ADULT	VEG. ING	2.85E-04	3.29E-03	9.79E-04	9.79E-04	7.97E-04	0.00E+00
ADULT	MEAT ING	5.68E-05	6.56E-04	1.95E-04	1.95E-04	1.59E-04	0.00E+00
ADULT	MILK ING	1.59E-05	1.84E-04	5.47E-05	5.47E-05	4.46E-05	0.00E+00
ADULT	TOTALS	1.22E+00	3.86E-02	3.37E-02	3.51E-02	3.41E-02	1.98E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.48E-01	1.74E-03	1.66E-04	9.01E-03	3.50E-03	2.46E+00
INFANT	GROUND	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04
INFANT	CLOUD	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.81E-04	7.55E-04	1.40E-03	1.40E-03	1.24E-03	0.00E+00
INFANT	TOTALS	1.58E-01	1.26E-02	1.17E-02	2.05E-02	1.49E-02	2.47E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.48E-01	1.32E-03	7.74E-05	4.01E-03	1.65E-03	2.46E+00
CHILD	GROUND	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04
CHILD	CLOUD	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03
CHILD	VEG. ING	3.00E-04	1.36E-03	1.60E-03	1.60E-03	1.18E-03	0.00E+00
CHILD	MEAT ING	4.82E-05	2.18E-04	2.57E-04	2.57E-04	1.89E-04	0.00E+00
CHILD	MILK ING	6.13E-05	2.78E-04	3.27E-04	3.27E-04	2.41E-04	0.00E+00
CHILD	TOTALS	1.58E-01	1.33E-02	1.24E-02	1.63E-02	1.34E-02	2.47E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.48E-01	3.24E-03	3.32E-05	1.72E-03	8.25E-04	2.46E+00
TEENAGE	GROUND	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04
TEENAGE	CLOUD	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03
TEENAGE	VEG. ING	4.49E-04	6.60E-03	1.43E-03	1.43E-03	1.18E-03	0.00E+00
TEENAGE	MEAT ING	7.06E-05	1.04E-03	2.25E-04	2.25E-04	1.86E-04	0.00E+00
TEENAGE	MILK ING	6.56E-05	9.64E-04	2.08E-04	2.08E-04	1.73E-04	0.00E+00
TEENAGE	TOTALS	1.58E-01	2.20E-02	1.20E-02	1.37E-02	1.25E-02	2.47E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.48E-01	1.91E-03	2.76E-05	1.43E-03	6.87E-04	2.46E+00
ADULT	GROUND	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04	2.81E-04
ADULT	CLOUD	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03	9.84E-03
ADULT	VEG. ING	2.72E-04	3.14E-03	9.32E-04	9.32E-04	7.60E-04	0.00E+00
ADULT	MEAT ING	5.41E-05	6.25E-04	1.86E-04	1.86E-04	1.51E-04	0.00E+00
ADULT	MILK ING	1.52E-05	1.75E-04	5.21E-05	5.21E-05	4.25E-05	0.00E+00
ADULT	TOTALS	1.58E-01	1.60E-02	1.13E-02	1.27E-02	1.18E-02	2.47E+00



NUMBER 19 NAME=WALTMAN X= 25.5KM, Y= 29.2KM, Z=-238.0M, DIST= 38.8KM, IRTYPE=10  
 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.82E-02	7.38E-04	7.14E-05	3.83E-03	1.49E-03	4.66E-01
INFANT	GROUND	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05
INFANT	CLOUD	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.62E-04	3.21E-04	5.96E-04	5.96E-04	5.26E-04	0.00E+00
INFANT	TOTALS	3.14E-02	4.14E-03	3.75E-03	7.51E-03	5.10E-03	4.69E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.81E-02	5.59E-04	3.33E-05	1.70E-03	7.01E-04	4.66E-01
CHILD	GROUND	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05
CHILD	CLOUD	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03
CHILD	VEG. ING	1.28E-04	5.79E-04	6.82E-04	6.82E-04	5.01E-04	0.00E+00
CHILD	MEAT ING	2.05E-05	9.28E-05	1.09E-04	1.09E-04	8.04E-05	0.00E+00
CHILD	MILK ING	2.61E-05	1.18E-04	1.39E-04	1.39E-04	1.02E-04	0.00E+00
CHILD	TOTALS	3.13E-02	4.43E-03	4.04E-03	5.71E-03	4.47E-03	4.69E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.81E-02	1.38E-03	1.43E-05	7.30E-04	3.50E-04	4.66E-01
TEENAGE	GROUND	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05
TEENAGE	CLOUD	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03
TEENAGE	VEG. ING	1.91E-04	2.81E-03	6.07E-04	6.07E-04	5.02E-04	0.00E+00
TEENAGE	MEAT ING	3.01E-05	4.42E-04	9.56E-05	9.56E-05	7.91E-05	0.00E+00
TEENAGE	MILK ING	2.79E-05	4.10E-04	8.87E-05	8.87E-05	7.34E-05	0.00E+00
TEENAGE	TOTALS	3.14E-02	8.12E-03	3.89E-03	4.60E-03	4.09E-03	4.69E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.80E-02	8.11E-04	1.19E-05	6.08E-04	2.92E-04	4.66E-01
ADULT	GROUND	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05	5.41E-05
ADULT	CLOUD	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03	3.03E-03
ADULT	VEG. ING	1.15E-04	1.33E-03	3.97E-04	3.97E-04	3.23E-04	0.00E+00
ADULT	MEAT ING	2.30E-05	2.66E-04	7.90E-05	7.90E-05	6.44E-05	0.00E+00
ADULT	MILK ING	6.46E-06	7.46E-05	2.22E-05	2.22E-05	1.81E-05	0.00E+00
ADULT	TOTALS	3.13E-02	5.57E-03	3.59E-03	4.19E-03	3.78E-03	4.69E-01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.49E-02	3.45E-03	3.44E-04	1.79E-02	6.97E-03	5.63E-01
INFANT	GROUND	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05
INFANT	CLOUD	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	7.56E-04	1.50E-03	2.78E-03	2.78E-03	2.45E-03	0.00E+00
INFANT	TOTALS	4.03E-02	9.56E-03	7.74E-03	2.53E-02	1.40E-02	5.68E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.44E-02	2.62E-03	1.60E-04	7.96E-03	3.28E-03	5.63E-01
CHILD	GROUND	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05
CHILD	CLOUD	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03
CHILD	VEG. ING	5.96E-04	2.70E-03	3.18E-03	3.18E-03	2.34E-03	0.00E+00
CHILD	MEAT ING	9.55E-05	4.33E-04	5.10E-04	5.10E-04	3.75E-04	0.00E+00
CHILD	MILK ING	1.22E-04	5.51E-04	6.49E-04	6.49E-04	4.77E-04	0.00E+00
CHILD	TOTALS	3.98E-02	1.09E-02	9.12E-03	1.69E-02	1.11E-02	5.68E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.44E-02	6.45E-03	6.87E-05	3.41E-03	1.64E-03	5.63E-01
TEENAGE	GROUND	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05
TEENAGE	CLOUD	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03
TEENAGE	VEG. ING	8.91E-04	1.31E-02	2.83E-03	2.83E-03	2.35E-03	0.00E+00
TEENAGE	MEAT ING	1.40E-04	2.06E-03	4.45E-04	4.45E-04	3.69E-04	0.00E+00
TEENAGE	MILK ING	1.30E-04	1.91E-03	4.13E-04	4.13E-04	3.42E-04	0.00E+00
TEENAGE	TOTALS	4.01E-02	2.81E-02	8.37E-03	1.17E-02	9.31E-03	5.68E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.43E-02	3.79E-03	5.72E-05	2.84E-03	1.37E-03	5.63E-01
ADULT	GROUND	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05	6.99E-05
ADULT	CLOUD	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03	4.54E-03
ADULT	VEG. ING	5.39E-04	6.23E-03	1.85E-03	1.85E-03	1.51E-03	0.00E+00
ADULT	MEAT ING	1.07E-04	1.24E-03	3.68E-04	3.68E-04	3.00E-04	0.00E+00
ADULT	MILK ING	3.01E-05	3.48E-04	1.03E-04	1.03E-04	8.42E-05	0.00E+00
ADULT	TOTALS	3.96E-02	1.62E-02	6.99E-03	9.78E-03	7.87E-03	5.68E-01

TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.577E+01	1.404E+01	4.498E+00	1.795E+00	1.728E-06	4.396E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.920E+00	7.602E+00	3.405E+00	1.792E+00	2.848E-06	3.178E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.933E+00	4.846E+00	2.597E+00	1.555E+00	3.494E-06	2.396E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.425E+00	3.397E+00	2.048E+00	1.323E+00	3.869E-06	1.881E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E+00	1.727E+00	1.282E+00	9.429E-01	4.627E-06	1.180E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.697E-01	6.701E-01	6.031E-01	5.221E-01	4.834E-06	5.695E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.312E-01	3.314E-01	3.208E-01	3.037E-01	4.624E-06	3.100E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.076E-01	2.077E-01	2.056E-01	2.010E-01	4.365E-06	2.006E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.462E-01	1.463E-01	1.461E-01	1.447E-01	4.130E-06	1.431E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.106E-01	1.107E-01	1.109E-01	1.105E-01	3.929E-06	1.088E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.752E-02	8.757E-02	8.787E-02	8.787E-02	3.753E-06	8.635E-07
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.153E-02	7.157E-02	7.188E-02	7.200E-02	3.598E-06	7.067E-07

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.112E+01	1.112E+01	1.112E+01	2.699E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.021E+00	6.021E+00	6.021E+00	3.598E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.839E+00	3.839E+00	3.839E+00	4.381E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.690E+00	2.690E+00	2.690E+00	4.970E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.368E+00	1.368E+00	1.368E+00	5.901E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.307E-01	5.307E-01	5.307E-01	5.939E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.625E-01	2.625E-01	2.625E-01	5.410E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.645E-01	1.645E-01	1.645E-01	4.973E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.159E-01	1.159E-01	1.159E-01	4.628E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.765E-02	8.765E-02	8.765E-02	4.349E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.936E-02	6.936E-02	6.936E-02	4.116E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.669E-02	5.669E-02	5.669E-02	3.918E+00

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	5.185E-09
2.5	0.000E+00	0.000E+00	0.000E+00	8.545E-09
3.5	0.000E+00	0.000E+00	0.000E+00	1.048E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.161E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.388E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.450E-08
25.0	0.000E+00	0.000E+00	0.000E+00	1.387E-08
35.0	0.000E+00	0.000E+00	0.000E+00	1.310E-08
45.0	0.000E+00	0.000E+00	0.000E+00	1.239E-08
55.0	0.000E+00	0.000E+00	0.000E+00	1.179E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.126E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.079E-08

TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PC/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	1.446E+02	1.157E+02	2.863E+01	9.565E+00	6.782E-06	3.000E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.942E+01	6.879E+01	2.213E+01	9.717E+00	1.212E-05	2.193E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.255E+01	4.898E+01	1.934E+01	9.771E+00	1.747E-05	1.850E-04
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.768E+01	3.636E+01	1.689E+01	9.372E+00	2.204E-05	1.581E-04
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.823E+01	1.813E+01	1.146E+01	7.499E+00	3.057E-05	1.048E-04
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.004E+00	7.007E+00	5.890E+00	4.750E+00	3.695E-05	5.480E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.473E+00	3.475E+00	3.272E+00	2.986E+00	3.803E-05	3.131E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.189E+00	2.191E+00	2.141E+00	2.053E+00	3.731E-05	2.077E-05
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.550E+00	1.551E+00	1.538E+00	1.508E+00	3.614E-05	1.502E-05
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.176E+00	1.177E+00	1.175E+00	1.164E+00	3.490E-05	1.151E-05
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.333E-01	9.339E-01	9.353E-01	9.321E-01	3.370E-05	9.181E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.647E-01	7.652E-01	7.677E-01	7.674E-01	3.257E-05	7.542E-06

GROUND SURFACE CONCENTRATIONS, PC/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.161E+01	9.161E+01	9.161E+01	9.077E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.448E+01	5.448E+01	5.448E+01	1.427E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.880E+01	3.880E+01	3.880E+01	1.875E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.880E+01	2.880E+01	2.880E+01	2.255E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.436E+01	1.436E+01	2.961E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.550E+00	5.550E+00	5.550E+00	3.556E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+00	2.753E+00	2.753E+00	3.708E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.735E+00	1.735E+00	1.735E+00	3.679E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.228E+00	1.228E+00	1.228E+00	3.596E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.320E-01	9.320E-01	9.320E-01	3.498E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.397E-01	7.397E-01	7.397E-01	3.398E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.061E-01	6.061E-01	6.061E-01	3.301E+01

TOTAL DEPOSITION RATES, PC/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	2.035E-08
2.5	0.000E+00	0.000E+00	0.000E+00	3.637E-08
3.5	0.000E+00	0.000E+00	0.000E+00	5.240E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.613E-08
7.5	0.000E+00	0.000E+00	0.000E+00	9.171E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.109E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.141E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.084E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.047E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.011E-07
75.0	0.000E+00	0.000E+00	0.000E+00	9.772E-08

TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.175E+01	4.389E+01	1.179E+01	4.016E+00	2.844E-06	1.199E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.873E+01	2.655E+01	9.614E+00	4.362E+00	5.427E-06	9.236E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.119E+01	2.031E+01	8.846E+00	4.627E+00	8.302E-06	8.303E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.471E+01	1.440E+01	7.324E+00	4.231E+00	1.017E-05	6.775E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.847E+00	6.826E+00	4.575E+00	3.113E+00	1.312E-05	4.184E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.487E+00	2.488E+00	2.154E+00	1.791E+00	1.466E-05	2.016E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.179E+00	1.180E+00	1.126E+00	1.047E+00	1.432E-05	1.083E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.235E-01	7.239E-01	7.124E-01	6.903E-01	1.362E-05	6.932E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.031E-01	5.034E-01	5.011E-01	4.942E-01	1.293E-05	4.903E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.768E-01	3.770E-01	3.771E-01	3.751E-01	1.231E-05	3.700E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.960E-01	2.962E-01	2.970E-01	2.967E-01	1.176E-05	2.918E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.406E-01	2.408E-01	2.417E-01	2.420E-01	1.128E-05	2.376E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.476E+01	3.476E+01	3.476E+01	5.365E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.103E+01	2.103E+01	2.103E+01	8.287E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.609E+01	1.609E+01	1.609E+01	1.073E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.141E+01	1.141E+01	1.141E+01	1.123E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.406E+00	5.406E+00	5.406E+00	1.208E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.970E+00	1.970E+00	1.970E+00	1.573E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.343E-01	9.343E-01	9.343E-01	1.543E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.734E-01	5.734E-01	5.734E-01	1.453E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.987E-01	3.987E-01	3.987E-01	1.374E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.986E-01	2.986E-01	2.986E-01	1.307E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.346E-01	2.346E-01	2.346E-01	1.248E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.907E-01	1.907E-01	1.907E-01	1.197E+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	8.533E-09
2.5	0.000E+00	0.000E+00	0.000E+00	1.628E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.491E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.050E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.935E-08
15.0	0.000E+00	0.000E+00	0.000E+00	4.399E-08
25.0	0.000E+00	0.000E+00	0.000E+00	4.295E-08
35.0	0.000E+00	0.000E+00	0.000E+00	4.085E-08
45.0	0.000E+00	0.000E+00	0.000E+00	3.878E-08
55.0	0.000E+00	0.000E+00	0.000E+00	3.693E-08
65.0	0.000E+00	0.000E+00	0.000E+00	3.529E-08
75.0	0.000E+00	0.000E+00	0.000E+00	3.383E-08

TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.837E+01	4.891E+01	1.305E+01	4.673E+00	3.880E-06	1.340E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.728E+01	2.540E+01	9.420E+00	4.480E+00	6.446E-06	9.063E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.699E+01	1.645E+01	7.439E+00	4.056E+00	8.476E-06	6.978E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.209E+01	1.191E+01	6.186E+00	3.656E+00	1.005E-05	5.726E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.162E+00	6.150E+00	4.092E+00	2.765E+00	1.270E-05	3.739E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.492E+00	2.493E+00	2.123E+00	1.726E+00	1.450E-05	1.977E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.279E+00	1.280E+00	1.208E+00	1.102E+00	1.474E-05	1.156E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.193E-01	8.198E-01	8.023E-01	7.686E-01	1.442E-05	7.779E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.854E-01	5.857E-01	5.815E-01	5.701E-01	1.395E-05	5.678E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.468E-01	4.470E-01	4.467E-01	4.429E-01	1.347E-05	4.377E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.560E-01	3.562E-01	3.570E-01	3.560E-01	1.301E-05	3.505E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.925E-01	2.927E-01	2.937E-01	2.938E-01	1.257E-05	2.887E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.874E+01	3.874E+01	3.874E+01	4.238E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.012E+01	2.012E+01	2.012E+01	6.184E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.303E+01	1.303E+01	1.303E+01	7.970E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.430E+00	9.430E+00	9.430E+00	8.964E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.871E+00	4.871E+00	4.871E+00	1.107E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.975E+00	1.975E+00	1.975E+00	1.254E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.014E+00	1.014E+00	1.014E+00	1.391E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.493E-01	6.493E-01	6.493E-01	1.410E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.639E-01	4.639E-01	4.639E-01	1.391E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.541E-01	3.541E-01	3.541E-01	1.360E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.821E-01	2.821E-01	2.821E-01	1.325E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.318E-01	2.318E-01	2.318E-01	1.290E+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	1.164E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.934E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.543E-08
4.5	0.000E+00	0.000E+00	0.000E+00	3.016E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.811E-08
15.0	0.000E+00	0.000E+00	0.000E+00	4.350E-08
25.0	0.000E+00	0.000E+00	0.000E+00	4.423E-08
35.0	0.000E+00	0.000E+00	0.000E+00	4.325E-08
45.0	0.000E+00	0.000E+00	0.000E+00	4.185E-08
55.0	0.000E+00	0.000E+00	0.000E+00	4.041E-08
65.0	0.000E+00	0.000E+00	0.000E+00	3.902E-08
75.0	0.000E+00	0.000E+00	0.000E+00	3.771E-08



TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 5--DOSES SHOWN ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	9.480E-03	7.675E-02	1.250E-03	5.757E-02	2.768E-02	3.927E+00
GROUND	6.943E-04	6.943E-04	6.943E-04	6.943E-04	6.943E-04	6.943E-04
CLOUD	3.429E-02	3.429E-02	3.429E-02	3.429E-02	3.429E-02	3.429E-02
VEG. ING	8.284E-02	9.042E-01	8.284E-02	3.153E-01	2.495E-01	8.284E-02
MEAT ING	4.250E-03	4.808E-02	4.250E-03	1.553E-02	1.243E-02	4.250E-03
MILK ING	2.112E-03	1.995E-02	2.112E-03	8.144E-03	6.517E-03	2.112E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.337E-01	1.084E+00	1.254E-01	4.316E-01	3.311E-01	4.051E+00

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	1.669E+00	1.822E+01	1.669E+00	6.353E+00	5.027E+00	1.669E+00
MEAT ING	2.250E-02	2.545E-01	2.250E-02	8.223E-02	6.577E-02	2.250E-02
MILK ING	4.274E-04	4.036E-03	4.274E-04	1.648E-03	1.319E-03	4.274E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.692E+00	1.847E+01	1.692E+00	6.437E+00	5.094E+00	1.692E+00

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	9.480E-03	7.675E-02	1.250E-03	5.757E-02	2.768E-02	3.927E+00
GROUND	6.943E-04	6.943E-04	6.943E-04	6.943E-04	6.943E-04	6.943E-04
CLOUD	3.429E-02	3.429E-02	3.429E-02	3.429E-02	3.429E-02	3.429E-02
VEG. ING	1.752E+00	1.912E+01	1.752E+00	6.668E+00	5.276E+00	1.752E+00
MEAT ING	2.675E-02	3.026E-01	2.675E-02	9.776E-02	7.820E-02	2.675E-02
MILK ING	2.540E-03	2.399E-02	2.540E-03	9.791E-03	7.836E-03	2.540E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.825E+00	1.956E+01	1.817E+00	6.868E+00	5.425E+00	5.743E+00

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PCI/M3    GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PC/M3 GROUND CONCENTRATIONS, PC/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
9	SSE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

		INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS							
		AIRBORNE CONCENTRATIONS, PCI/M3		GROUND CONCENTRATIONS, PCI/M2					
NO.	NAME	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWIND	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWIND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWIND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWIND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

NO.	INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS						GROUND CONCENTRATIONS, PCI/M2					
	AIRBORNE CONCENTRATIONS, PCI/M3			GROUND CONCENTRATIONS, PCI/M2			AIRBORNE CONCENTRATIONS, PCI/M3			GROUND CONCENTRATIONS, PCI/M2		
	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	3.373E+05	5.449E+03	1.092E+01	3.379E-01	1.966E-07	1.544E-10	1.452E-14	5.669E-03	4.316E+03	4.316E+03	4.316E+03	2.212E+00
2	7.964E+00	7.642E+00	3.415E+00	1.794E+00	2.840E-06	5.521E-09	3.075E-13	3.188E-05	6.053E+00	6.053E+00	6.053E+00	3.590E+00
3	4.344E+01	3.620E+01	9.958E+00	4.464E+00	6.652E-06	1.225E-08	6.356E-13	1.044E-04	2.867E+01	2.867E+01	2.867E+01	7.440E+00
4	3.690E+01	3.285E+01	9.159E+00	3.759E+00	6.453E-06	1.501E-08	9.884E-13	9.430E-05	2.602E+01	2.602E+01	2.602E+01	8.679E+00
5	6.831E+01	5.908E+01	1.623E+01	6.524E+00	8.357E-06	1.394E-08	6.671E-13	1.675E-04	4.679E+01	4.679E+01	4.679E+01	1.221E+01
6	1.094E+02	9.183E+01	2.738E+01	1.149E+01	1.378E-05	2.133E-08	9.570E-13	2.763E-04	7.274E+01	7.274E+01	7.274E+01	1.878E+01
7	5.621E+01	4.832E+01	1.505E+01	6.249E+00	7.232E-06	1.139E-08	5.403E-13	1.494E-04	3.827E+01	3.827E+01	3.827E+01	1.433E+01
8	2.963E+01	2.767E+01	1.016E+01	4.439E+00	5.529E-06	9.440E-09	4.898E-13	9.656E-05	2.191E+01	2.191E+01	2.191E+01	1.275E+01
9	5.748E+01	5.254E+01	1.855E+01	8.077E+00	9.367E-06	1.390E-08	6.005E-13	1.783E-04	4.161E+01	4.161E+01	4.161E+01	1.443E+01
10	3.960E+01	3.627E+01	1.246E+01	5.371E+00	6.024E-06	8.410E-09	3.359E-13	1.206E-04	2.873E+01	2.873E+01	2.873E+01	1.017E+01
11	3.870E+01	3.657E+01	1.416E+01	6.760E+00	1.027E-05	1.961E-08	1.058E-12	1.347E-04	2.897E+01	2.897E+01	2.897E+01	1.291E+01
12	4.510E+00	4.505E+00	3.093E+00	2.081E+00	8.761E-06	5.327E-08	9.117E-12	2.809E-05	3.568E+00	3.568E+00	3.568E+00	1.015E+01
13	1.827E+01	1.718E+01	6.200E+00	2.793E+00	3.889E-06	7.077E-09	3.774E-13	5.954E-05	1.360E+01	1.360E+01	1.360E+01	3.781E+00
14	1.121E+02	8.326E+01	1.688E+01	4.599E+00	2.614E-06	2.204E-09	6.440E-14	1.885E-04	6.594E+01	6.594E+01	6.594E+01	3.588E+00
15	2.105E+01	1.687E+01	3.604E+00	1.077E+00	8.206E-07	9.418E-10	3.495E-14	3.966E-05	1.336E+01	1.336E+01	1.336E+01	1.710E+00
16	1.310E+01	1.149E+01	3.614E+00	1.259E+00	9.014E-07	9.091E-10	3.065E-14	3.486E-05	9.103E+00	9.103E+00	9.103E+00	1.649E+00
17	8.850E+00	8.101E+00	2.964E+00	1.254E+00	1.194E-06	1.465E-09	5.540E-14	2.805E-05	6.417E+00	6.417E+00	6.417E+00	1.818E+00
18	1.164E+00	1.165E+00	7.729E-01	4.659E-01	1.658E-06	1.911E-08	8.066E-12	6.856E-06	9.224E-01	9.224E-01	9.224E-01	1.832E+00
19	2.156E-01	2.157E-01	1.889E-01	1.529E-01	7.568E-07	1.280E-08	1.117E-11	1.750E-06	1.709E-01	1.709E-01	1.709E-01	7.986E-01
20	2.377E-01	2.378E-01	2.315E-01	2.199E-01	3.570E-06	1.080E-07	1.083E-10	2.239E-06	1.884E-01	1.884E-01	1.884E-01	3.591E+00

REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 218  
 METSET: Casper, Wyoming DATA: c:\m197\asa.dat 01/20/97  
 TIME STEP NUMBER 5, After 10.0 Years DURATION IN YRS IS... 2.0

NUMBER 1 NAME=CAROL SHOP X= 0.0KM, Y= 0.0KM, Z= 0.0M, DIST= 0.0KM, IRTYPE=10  
 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.53E+04	1.06E-04	9.84E-06	5.50E-04	2.14E-04	4.22E+05
INFANT	GROUND	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01
INFANT	CLOUD	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-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	6.21E-05	1.23E-04	2.28E-04	2.28E-04	2.01E-04	0.00E+00
INFANT	TOTALS	2.53E+04	1.58E+00	1.58E+00	1.58E+00	1.58E+00	4.22E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.53E+04	8.04E-05	4.59E-06	2.45E-04	1.01E-04	4.22E+05
CHILD	GROUND	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01
CHILD	CLOUD	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01
CHILD	VEG. ING	3.33E-05	1.51E-04	1.78E-04	1.78E-04	1.31E-04	0.00E+00
CHILD	MEAT ING	7.85E-06	3.55E-05	4.19E-05	4.19E-05	3.08E-05	0.00E+00
CHILD	MILK ING	9.99E-06	4.53E-05	5.33E-05	5.33E-05	3.92E-05	0.00E+00
CHILD	TOTALS	2.53E+04	1.58E+00	1.58E+00	1.58E+00	1.58E+00	4.22E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.53E+04	1.98E-04	1.97E-06	1.05E-04	5.03E-05	4.22E+05
TEENAGE	GROUND	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01
TEENAGE	CLOUD	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01
TEENAGE	VEG. ING	4.89E-05	7.19E-04	1.56E-04	1.56E-04	1.29E-04	0.00E+00
TEENAGE	MEAT ING	1.15E-05	1.69E-04	3.66E-05	3.66E-05	3.03E-05	0.00E+00
TEENAGE	MILK ING	1.07E-05	1.57E-04	3.40E-05	3.40E-05	2.81E-05	0.00E+00
TEENAGE	TOTALS	2.53E+04	1.58E+00	1.58E+00	1.58E+00	1.58E+00	4.22E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.53E+04	1.16E-04	1.64E-06	8.74E-05	4.19E-05	4.22E+05
ADULT	GROUND	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01	7.71E-01
ADULT	CLOUD	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01	8.09E-01
ADULT	VEG. ING	2.96E-05	3.42E-04	1.02E-04	1.02E-04	8.29E-05	0.00E+00
ADULT	MEAT ING	8.81E-06	1.02E-04	3.03E-05	3.03E-05	2.46E-05	0.00E+00
ADULT	MILK ING	2.47E-06	2.86E-05	8.49E-06	8.49E-06	6.92E-06	0.00E+00
ADULT	TOTALS	2.53E+04	1.58E+00	1.58E+00	1.58E+00	1.58E+00	4.22E+05

NUMBER 2 NAME=N PERM BNDRY X= 0.0KM, Y= 2.5KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=10  
 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.98E-01	1.53E-03	1.43E-04	7.95E-03	3.09E-03	9.96E+00
INFANT	GROUND	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03
INFANT	CLOUD	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.75E-04	7.43E-04	1.38E-03	1.38E-03	1.22E-03	0.00E+00
INFANT	TOTALS	6.21E-01	2.53E-02	2.45E-02	3.23E-02	2.73E-02	9.98E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.98E-01	1.16E-03	6.65E-05	3.53E-03	1.45E-03	9.96E+00
CHILD	GROUND	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03
CHILD	CLOUD	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02
CHILD	VEG. ING	2.80E-04	1.27E-03	1.49E-03	1.49E-03	1.10E-03	0.00E+00
CHILD	MEAT ING	4.74E-05	2.15E-04	2.53E-04	2.53E-04	1.86E-04	0.00E+00
CHILD	MILK ING	6.04E-05	2.73E-04	3.22E-04	3.22E-04	2.37E-04	0.00E+00
CHILD	TOTALS	6.21E-01	2.59E-02	2.51E-02	2.86E-02	2.60E-02	9.98E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.98E-01	2.86E-03	2.85E-05	1.51E-03	7.27E-04	9.96E+00
TEENAGE	GROUND	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03
TEENAGE	CLOUD	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02
TEENAGE	VEG. ING	4.17E-04	6.14E-03	1.33E-03	1.33E-03	1.10E-03	0.00E+00
TEENAGE	MEAT ING	6.95E-05	1.02E-03	2.21E-04	2.21E-04	1.83E-04	0.00E+00
TEENAGE	MILK ING	6.45E-05	9.49E-04	2.05E-04	2.05E-04	1.70E-04	0.00E+00
TEENAGE	TOTALS	6.21E-01	3.40E-02	2.48E-02	2.63E-02	2.52E-02	9.98E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.98E-01	1.68E-03	2.38E-05	1.26E-03	6.06E-04	9.96E+00
ADULT	GROUND	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03	1.09E-03
ADULT	CLOUD	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02	2.19E-02
ADULT	VEG. ING	2.53E-04	2.92E-03	8.67E-04	8.67E-04	7.07E-04	0.00E+00
ADULT	MEAT ING	5.32E-05	6.15E-04	1.83E-04	1.83E-04	1.49E-04	0.00E+00
ADULT	MILK ING	1.49E-05	1.73E-04	5.13E-05	5.13E-05	4.18E-05	0.00E+00
ADULT	TOTALS	6.21E-01	2.84E-02	2.41E-02	2.53E-02	2.45E-02	9.98E+00

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.26E+00	3.59E-03	3.34E-04	1.86E-02	7.24E-03	5.43E+01
INFANT	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
INFANT	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.61E-04	1.71E-03	3.16E-03	3.16E-03	2.79E-03	0.00E+00
INFANT	TOTALS	3.32E+00	6.70E-02	6.52E-02	8.35E-02	7.17E-02	5.44E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.26E+00	2.72E-03	1.56E-04	8.28E-03	3.41E-03	5.43E+01
CHILD	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
CHILD	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
CHILD	VEG. ING	6.49E-04	2.94E-03	3.46E-03	3.46E-03	2.54E-03	0.00E+00
CHILD	MEAT ING	1.09E-04	4.93E-04	5.81E-04	5.81E-04	4.27E-04	0.00E+00
CHILD	MILK ING	1.39E-04	6.28E-04	7.39E-04	7.39E-04	5.43E-04	0.00E+00
CHILD	TOTALS	3.32E+00	6.85E-02	6.66E-02	7.48E-02	6.86E-02	5.44E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.26E+00	6.70E-03	6.68E-05	3.55E-03	1.70E-03	5.43E+01
TEENAGE	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
TEENAGE	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
TEENAGE	VEG. ING	9.68E-04	1.42E-02	3.08E-03	3.08E-03	2.55E-03	0.00E+00
TEENAGE	MEAT ING	1.60E-04	2.35E-03	5.07E-04	5.07E-04	4.20E-04	0.00E+00
TEENAGE	MILK ING	1.48E-04	2.18E-03	4.71E-04	4.71E-04	3.90E-04	0.00E+00
TEENAGE	TOTALS	3.32E+00	8.72E-02	6.58E-02	6.93E-02	6.68E-02	5.44E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.26E+00	3.94E-03	5.56E-05	2.96E-03	1.42E-03	5.43E+01
ADULT	GROUND	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03	5.14E-03
ADULT	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
ADULT	VEG. ING	5.86E-04	6.77E-03	2.01E-03	2.01E-03	1.64E-03	0.00E+00
ADULT	MEAT ING	1.22E-04	1.41E-03	4.19E-04	4.19E-04	3.42E-04	0.00E+00
ADULT	MILK ING	3.43E-05	3.96E-04	1.18E-04	1.18E-04	9.59E-05	0.00E+00
ADULT	TOTALS	3.32E+00	7.42E-02	6.43E-02	6.72E-02	6.52E-02	5.44E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.77E+00	3.48E-03	3.24E-04	1.81E-02	7.02E-03	4.61E+01
INFANT	GROUND	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03
INFANT	CLOUD	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.63E-04	1.71E-03	3.17E-03	3.17E-03	2.79E-03	0.00E+00
INFANT	TOTALS	2.82E+00	5.86E-02	5.69E-02	7.46E-02	6.32E-02	4.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.77E+00	2.64E-03	1.51E-04	8.03E-03	3.30E-03	4.61E+01
CHILD	GROUND	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03
CHILD	CLOUD	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02
CHILD	VEG. ING	6.40E-04	2.90E-03	3.41E-03	3.41E-03	2.51E-03	0.00E+00
CHILD	MEAT ING	1.09E-04	4.93E-04	5.81E-04	5.81E-04	4.27E-04	0.00E+00
CHILD	MILK ING	1.39E-04	6.28E-04	7.41E-04	7.41E-04	5.44E-04	0.00E+00
CHILD	TOTALS	2.82E+00	6.00E-02	5.83E-02	6.61E-02	6.01E-02	4.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.77E+00	6.50E-03	6.48E-05	3.44E-03	1.65E-03	4.61E+01
TEENAGE	GROUND	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03
TEENAGE	CLOUD	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02
TEENAGE	VEG. ING	9.54E-04	1.40E-02	3.03E-03	3.03E-03	2.51E-03	0.00E+00
TEENAGE	MEAT ING	1.60E-04	2.35E-03	5.08E-04	5.08E-04	4.20E-04	0.00E+00
TEENAGE	MILK ING	1.48E-04	2.18E-03	4.71E-04	4.71E-04	3.90E-04	0.00E+00
TEENAGE	TOTALS	2.82E+00	7.84E-02	5.74E-02	6.08E-02	5.83E-02	4.62E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.77E+00	3.82E-03	5.40E-05	2.87E-03	1.38E-03	4.61E+01
ADULT	GROUND	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03	4.67E-03
ADULT	CLOUD	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02	4.87E-02
ADULT	VEG. ING	5.77E-04	6.67E-03	1.98E-03	1.98E-03	1.61E-03	0.00E+00
ADULT	MEAT ING	1.22E-04	1.41E-03	4.20E-04	4.20E-04	3.42E-04	0.00E+00
ADULT	MILK ING	3.43E-05	3.97E-04	1.18E-04	1.18E-04	9.60E-05	0.00E+00
ADULT	TOTALS	2.82E+00	6.57E-02	5.59E-02	5.88E-02	5.68E-02	4.62E+01

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.12E+00	4.51E-03	4.19E-04	2.34E-02	9.09E-03	8.54E+01
INFANT	GROUND	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03
INFANT	CLOUD	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.13E-03	2.25E-03	4.17E-03	4.17E-03	3.68E-03	0.00E+00
INFANT	TOTALS	5.22E+00	1.00E-01	9.80E-02	1.21E-01	1.06E-01	8.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.12E+00	3.42E-03	1.96E-04	1.04E-02	4.28E-03	8.54E+01
CHILD	GROUND	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03
CHILD	CLOUD	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02
CHILD	VEG. ING	8.35E-04	3.78E-03	4.46E-03	4.46E-03	3.28E-03	0.00E+00
CHILD	MEAT ING	1.43E-04	6.49E-04	7.65E-04	7.65E-04	5.62E-04	0.00E+00
CHILD	MILK ING	1.82E-04	8.27E-04	9.74E-04	9.74E-04	7.16E-04	0.00E+00
CHILD	TOTALS	5.22E+00	1.02E-01	9.98E-02	1.10E-01	1.02E-01	8.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.12E+00	8.42E-03	8.38E-05	4.46E-03	2.14E-03	8.54E+01
TEENAGE	GROUND	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03
TEENAGE	CLOUD	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02
TEENAGE	VEG. ING	1.25E-03	1.83E-02	3.96E-03	3.96E-03	3.28E-03	0.00E+00
TEENAGE	MEAT ING	2.10E-04	3.09E-03	6.68E-04	6.68E-04	5.53E-04	0.00E+00
TEENAGE	MILK ING	1.95E-04	2.87E-03	6.20E-04	6.20E-04	5.13E-04	0.00E+00
TEENAGE	TOTALS	5.22E+00	1.26E-01	9.87E-02	1.03E-01	9.98E-02	8.55E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.12E+00	4.95E-03	6.99E-05	3.71E-03	1.78E-03	8.54E+01
ADULT	GROUND	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03	8.39E-03
ADULT	CLOUD	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02	8.50E-02
ADULT	VEG. ING	7.53E-04	8.71E-03	2.59E-03	2.59E-03	2.11E-03	0.00E+00
ADULT	MEAT ING	1.61E-04	1.86E-03	5.53E-04	5.53E-04	4.50E-04	0.00E+00
ADULT	MILK ING	4.52E-05	5.22E-04	1.55E-04	1.55E-04	1.26E-04	0.00E+00
ADULT	TOTALS	5.22E+00	1.09E-01	9.67E-02	1.00E-01	9.78E-02	8.55E+01

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

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

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

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.21E+00	7.43E-03	6.91E-04	3.86E-02	1.50E-02	1.37E+02
INFANT	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
INFANT	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.85E-03	3.66E-03	6.78E-03	6.78E-03	5.98E-03	0.00E+00
INFANT	TOTALS	8.37E+00	1.72E-01	1.69E-01	2.06E-01	1.82E-01	1.37E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.21E+00	5.63E-03	3.22E-04	1.71E-02	7.06E-03	1.37E+02
CHILD	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
CHILD	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
CHILD	VEG. ING	1.37E-03	6.20E-03	7.30E-03	7.30E-03	5.36E-03	0.00E+00
CHILD	MEAT ING	2.33E-04	1.06E-03	1.24E-03	1.24E-03	9.14E-04	0.00E+00
CHILD	MILK ING	2.97E-04	1.35E-03	1.58E-03	1.58E-03	1.16E-03	0.00E+00
CHILD	TOTALS	8.37E+00	1.75E-01	1.71E-01	1.88E-01	1.76E-01	1.37E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.21E+00	1.39E-02	1.38E-04	7.35E-03	3.53E-03	1.37E+02
TEENAGE	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
TEENAGE	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
TEENAGE	VEG. ING	2.04E-03	3.00E-02	6.48E-03	6.48E-03	5.37E-03	0.00E+00
TEENAGE	MEAT ING	3.42E-04	5.03E-03	1.09E-03	1.09E-03	9.00E-04	0.00E+00
TEENAGE	MILK ING	3.17E-04	4.67E-03	1.01E-03	1.01E-03	8.35E-04	0.00E+00
TEENAGE	TOTALS	8.37E+00	2.15E-01	1.70E-01	1.77E-01	1.72E-01	1.37E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.21E+00	8.16E-03	1.15E-04	6.12E-03	2.94E-03	1.37E+02
ADULT	GROUND	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02	1.30E-02
ADULT	CLOUD	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01	1.48E-01
ADULT	VEG. ING	1.23E-03	1.43E-02	4.24E-03	4.24E-03	3.45E-03	0.00E+00
ADULT	MEAT ING	2.62E-04	3.02E-03	8.99E-04	8.99E-04	7.32E-04	0.00E+00
ADULT	MILK ING	7.35E-05	8.49E-04	2.52E-04	2.52E-04	2.05E-04	0.00E+00
ADULT	TOTALS	8.37E+00	1.87E-01	1.67E-01	1.73E-01	1.68E-01	1.37E+02

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.22E+00	3.90E-03	3.63E-04	2.02E-02	7.87E-03	7.03E+01
INFANT	GROUND	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03
INFANT	CLOUD	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.05E-03	2.08E-03	3.86E-03	3.86E-03	3.41E-03	0.00E+00
INFANT	TOTALS	4.31E+00	9.36E-02	9.18E-02	1.12E-01	9.88E-02	7.04E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.22E+00	2.96E-03	1.69E-04	9.00E-03	3.70E-03	7.03E+01
CHILD	GROUND	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03
CHILD	CLOUD	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02
CHILD	VEG. ING	7.49E-04	3.40E-03	4.00E-03	4.00E-03	2.94E-03	0.00E+00
CHILD	MEAT ING	1.33E-04	6.01E-04	7.09E-04	7.09E-04	5.21E-04	0.00E+00
CHILD	MILK ING	1.69E-04	7.66E-04	9.03E-04	9.03E-04	6.63E-04	0.00E+00
CHILD	TOTALS	4.31E+00	9.53E-02	9.34E-02	1.02E-01	9.54E-02	7.04E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.22E+00	7.28E-03	7.25E-05	3.86E-03	1.85E-03	7.03E+01
TEENAGE	GROUND	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03
TEENAGE	CLOUD	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02
TEENAGE	VEG. ING	1.12E-03	1.64E-02	3.55E-03	3.55E-03	2.94E-03	0.00E+00
TEENAGE	MEAT ING	1.95E-04	2.86E-03	6.19E-04	6.19E-04	5.12E-04	0.00E+00
TEENAGE	MILK ING	1.81E-04	2.66E-03	5.75E-04	5.75E-04	4.76E-04	0.00E+00
TEENAGE	TOTALS	4.31E+00	1.17E-01	9.24E-02	9.62E-02	9.33E-02	7.04E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.22E+00	4.28E-03	6.05E-05	3.21E-03	1.54E-03	7.03E+01
ADULT	GROUND	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03	6.87E-03
ADULT	CLOUD	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02	8.07E-02
ADULT	VEG. ING	6.75E-04	7.80E-03	2.32E-03	2.32E-03	1.89E-03	0.00E+00
ADULT	MEAT ING	1.49E-04	1.72E-03	5.12E-04	5.12E-04	4.17E-04	0.00E+00
ADULT	MILK ING	4.18E-05	4.83E-04	1.44E-04	1.44E-04	1.17E-04	0.00E+00
ADULT	TOTALS	4.30E+00	1.02E-01	9.06E-02	9.38E-02	9.15E-02	7.04E+01

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

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREMYR

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.22E+00	2.98E-03	2.77E-04	1.55E-02	6.02E-03	3.70E+01
INFANT	GROUND	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03
INFANT	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.37E-04	1.66E-03	3.07E-03	3.07E-03	2.71E-03	0.00E+00
INFANT	TOTALS	2.28E+00	6.51E-02	6.38E-02	7.90E-02	6.92E-02	3.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.22E+00	2.26E-03	1.29E-04	6.88E-03	2.83E-03	3.70E+01
CHILD	GROUND	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03
CHILD	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
CHILD	VEG. ING	5.86E-04	2.65E-03	3.13E-03	3.13E-03	2.30E-03	0.00E+00
CHILD	MEAT ING	1.06E-04	4.79E-04	5.64E-04	5.64E-04	4.14E-04	0.00E+00
CHILD	MILK ING	1.35E-04	6.10E-04	7.19E-04	7.19E-04	5.28E-04	0.00E+00
CHILD	TOTALS	2.28E+00	6.65E-02	6.50E-02	7.18E-02	6.66E-02	3.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.22E+00	5.57E-03	5.55E-05	2.95E-03	1.42E-03	3.70E+01
TEENAGE	GROUND	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03
TEENAGE	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
TEENAGE	VEG. ING	8.71E-04	1.28E-02	2.77E-03	2.77E-03	2.29E-03	0.00E+00
TEENAGE	MEAT ING	1.55E-04	2.28E-03	4.93E-04	4.93E-04	4.08E-04	0.00E+00
TEENAGE	MILK ING	1.44E-04	2.12E-03	4.57E-04	4.57E-04	3.79E-04	0.00E+00
TEENAGE	TOTALS	2.28E+00	8.33E-02	6.43E-02	6.72E-02	6.50E-02	3.71E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.22E+00	3.28E-03	4.62E-05	2.46E-03	1.18E-03	3.70E+01
ADULT	GROUND	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03	3.94E-03
ADULT	CLOUD	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02	5.66E-02
ADULT	VEG. ING	5.27E-04	6.09E-03	1.81E-03	1.81E-03	1.48E-03	0.00E+00
ADULT	MEAT ING	1.19E-04	1.37E-03	4.08E-04	4.08E-04	3.32E-04	0.00E+00
ADULT	MILK ING	3.33E-05	3.85E-04	1.14E-04	1.14E-04	9.32E-05	0.00E+00
ADULT	TOTALS	2.28E+00	7.16E-02	6.29E-02	6.53E-02	6.36E-02	3.71E+01

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

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 235  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.31E+00	5.05E-03	4.70E-04	2.62E-02	1.02E-02	7.18E+01
INFANT	GROUND	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
INFANT	CLOUD	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.29E-03	2.55E-03	4.72E-03	4.72E-03	4.16E-03	0.00E+00
INFANT	TOTALS	4.42E+00	1.18E-01	1.16E-01	1.41E-01	1.25E-01	7.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.31E+00	3.83E-03	2.19E-04	1.17E-02	4.80E-03	7.18E+01
CHILD	GROUND	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
CHILD	CLOUD	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01
CHILD	VEG. ING	9.41E-04	4.27E-03	5.03E-03	5.03E-03	3.69E-03	0.00E+00
CHILD	MEAT ING	1.62E-04	7.35E-04	8.67E-04	8.67E-04	6.37E-04	0.00E+00
CHILD	MILK ING	2.07E-04	9.37E-04	1.10E-03	1.10E-03	8.11E-04	0.00E+00
CHILD	TOTALS	4.42E+00	1.20E-01	1.18E-01	1.29E-01	1.20E-01	7.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.31E+00	9.43E-03	9.39E-05	4.99E-03	2.40E-03	7.18E+01
TEENAGE	GROUND	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
TEENAGE	CLOUD	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01
TEENAGE	VEG. ING	1.40E-03	2.06E-02	4.46E-03	4.46E-03	3.69E-03	0.00E+00
TEENAGE	MEAT ING	2.38E-04	3.50E-03	7.57E-04	7.57E-04	6.27E-04	0.00E+00
TEENAGE	MILK ING	2.21E-04	3.25E-03	7.03E-04	7.03E-04	5.81E-04	0.00E+00
TEENAGE	TOTALS	4.42E+00	1.47E-01	1.16E-01	1.21E-01	1.18E-01	7.20E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.31E+00	5.55E-03	7.83E-05	4.16E-03	2.00E-03	7.18E+01
ADULT	GROUND	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
ADULT	CLOUD	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01	1.03E-01
ADULT	VEG. ING	8.49E-04	9.81E-03	2.92E-03	2.92E-03	2.38E-03	0.00E+00
ADULT	MEAT ING	1.82E-04	2.11E-03	6.26E-04	6.26E-04	5.10E-04	0.00E+00
ADULT	MILK ING	5.12E-05	5.91E-04	1.76E-04	1.76E-04	1.43E-04	0.00E+00
ADULT	TOTALS	4.42E+00	1.29E-01	1.14E-01	1.18E-01	1.16E-01	7.20E+01

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.97E+00	3.25E-03	3.02E-04	1.69E-02	6.55E-03	4.95E+01
INFANT	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
INFANT	CLOUD	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.43E-04	1.67E-03	3.10E-03	3.10E-03	2.73E-03	0.00E+00
INFANT	TOTALS	3.05E+00	7.88E-02	7.72E-02	9.38E-02	8.31E-02	4.96E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.97E+00	2.46E-03	1.41E-04	7.49E-03	3.08E-03	4.95E+01
CHILD	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
CHILD	CLOUD	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02
CHILD	VEG. ING	6.12E-04	2.77E-03	3.27E-03	3.27E-03	2.40E-03	0.00E+00
CHILD	MEAT ING	1.06E-04	4.82E-04	5.68E-04	5.68E-04	4.18E-04	0.00E+00
CHILD	MILK ING	1.36E-04	6.14E-04	7.24E-04	7.24E-04	5.32E-04	0.00E+00
CHILD	TOTALS	3.05E+00	8.02E-02	7.85E-02	8.59E-02	8.03E-02	4.96E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.97E+00	6.07E-03	6.04E-05	3.21E-03	1.54E-03	4.95E+01
TEENAGE	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
TEENAGE	CLOUD	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02
TEENAGE	VEG. ING	9.11E-04	1.34E-02	2.90E-03	2.90E-03	2.40E-03	0.00E+00
TEENAGE	MEAT ING	1.56E-04	2.30E-03	4.96E-04	4.96E-04	4.11E-04	0.00E+00
TEENAGE	MILK ING	1.45E-04	2.13E-03	4.61E-04	4.61E-04	3.81E-04	0.00E+00
TEENAGE	TOTALS	3.05E+00	9.77E-02	7.78E-02	8.09E-02	7.86E-02	4.96E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.97E+00	3.57E-03	5.03E-05	2.68E-03	1.29E-03	4.95E+01
ADULT	GROUND	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03	5.15E-03
ADULT	CLOUD	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02	6.87E-02
ADULT	VEG. ING	5.51E-04	6.37E-03	1.89E-03	1.89E-03	1.54E-03	0.00E+00
ADULT	MEAT ING	1.20E-04	1.38E-03	4.11E-04	4.11E-04	3.34E-04	0.00E+00
ADULT	MILK ING	3.36E-05	3.88E-04	1.15E-04	1.15E-04	9.39E-05	0.00E+00
ADULT	TOTALS	3.04E+00	8.55E-02	7.63E-02	7.89E-02	7.71E-02	4.96E+01

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

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREMYR

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.90E+00	5.54E-03	5.15E-04	2.87E-02	1.12E-02	4.84E+01
INFANT	GROUND	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03
INFANT	CLOUD	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.36E-03	2.69E-03	4.98E-03	4.98E-03	4.39E-03	0.00E+00
INFANT	TOTALS	2.99E+00	9.77E-02	9.50E-02	1.23E-01	1.05E-01	4.85E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.90E+00	4.20E-03	2.41E-04	1.28E-02	5.26E-03	4.84E+01
CHILD	GROUND	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03
CHILD	CLOUD	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02
CHILD	VEG. ING	1.01E-03	4.58E-03	5.40E-03	5.40E-03	3.97E-03	0.00E+00
CHILD	MEAT ING	1.71E-04	7.76E-04	9.14E-04	9.14E-04	6.71E-04	0.00E+00
CHILD	MILK ING	2.18E-04	9.88E-04	1.16E-03	1.16E-03	8.55E-04	0.00E+00
CHILD	TOTALS	2.99E+00	1.00E-01	9.72E-02	1.10E-01	1.00E-01	4.85E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.90E+00	1.03E-02	1.03E-04	5.48E-03	2.63E-03	4.84E+01
TEENAGE	GROUND	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03
TEENAGE	CLOUD	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02
TEENAGE	VEG. ING	1.51E-03	2.22E-02	4.80E-03	4.80E-03	3.97E-03	0.00E+00
TEENAGE	MEAT ING	2.51E-04	3.69E-03	7.98E-04	7.98E-04	6.61E-04	0.00E+00
TEENAGE	MILK ING	2.33E-04	3.43E-03	7.41E-04	7.41E-04	6.13E-04	0.00E+00
TEENAGE	TOTALS	2.99E+00	1.29E-01	9.60E-02	1.01E-01	9.74E-02	4.85E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.90E+00	6.08E-03	8.59E-05	4.56E-03	2.19E-03	4.84E+01
ADULT	GROUND	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03	5.20E-03
ADULT	CLOUD	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02	8.43E-02
ADULT	VEG. ING	9.13E-04	1.05E-02	3.13E-03	3.13E-03	2.55E-03	0.00E+00
ADULT	MEAT ING	1.92E-04	2.22E-03	6.60E-04	6.60E-04	5.38E-04	0.00E+00
ADULT	MILK ING	5.39E-05	6.23E-04	1.85E-04	1.85E-04	1.51E-04	0.00E+00
ADULT	TOTALS	2.99E+00	1.09E-01	9.36E-02	9.81E-02	9.49E-02	4.85E+01

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 241  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.40E-01	4.72E-03	4.44E-04	2.45E-02	9.53E-03	5.64E+00
INFANT	GROUND	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04
INFANT	CLOUD	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.14E-03	2.26E-03	4.19E-03	4.19E-03	3.70E-03	0.00E+00
INFANT	TOTALS	3.66E-01	3.18E-02	2.95E-02	5.36E-02	3.81E-02	5.66E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.39E-01	3.58E-03	2.07E-04	1.09E-02	4.49E-03	5.64E+00
CHILD	GROUND	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04
CHILD	CLOUD	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02
CHILD	VEG. ING	8.57E-04	3.88E-03	4.57E-03	4.57E-03	3.36E-03	0.00E+00
CHILD	MEAT ING	1.44E-04	6.53E-04	7.69E-04	7.69E-04	5.65E-04	0.00E+00
CHILD	MILK ING	1.83E-04	8.31E-04	9.80E-04	9.80E-04	7.20E-04	0.00E+00
CHILD	TOTALS	3.65E-01	3.38E-02	3.14E-02	4.21E-02	3.40E-02	5.66E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.39E-01	8.82E-03	8.88E-05	4.67E-03	2.24E-03	5.64E+00
TEENAGE	GROUND	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04
TEENAGE	CLOUD	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02
TEENAGE	VEG. ING	1.28E-03	1.88E-02	4.06E-03	4.06E-03	3.36E-03	0.00E+00
TEENAGE	MEAT ING	2.11E-04	3.11E-03	6.72E-04	6.72E-04	5.56E-04	0.00E+00
TEENAGE	MILK ING	1.96E-04	2.88E-03	6.23E-04	6.23E-04	5.16E-04	0.00E+00
TEENAGE	TOTALS	3.66E-01	5.85E-02	3.03E-02	3.49E-02	3.15E-02	5.66E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.39E-01	5.19E-03	7.40E-05	3.89E-03	1.87E-03	5.64E+00
ADULT	GROUND	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04	6.57E-04
ADULT	CLOUD	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02	2.42E-02
ADULT	VEG. ING	7.73E-04	8.94E-03	2.66E-03	2.66E-03	2.16E-03	0.00E+00
ADULT	MEAT ING	1.62E-04	1.87E-03	5.56E-04	5.56E-04	4.53E-04	0.00E+00
ADULT	MILK ING	4.54E-05	5.25E-04	1.56E-04	1.56E-04	1.27E-04	0.00E+00
ADULT	TOTALS	3.65E-01	4.14E-02	2.83E-02	3.21E-02	2.95E-02	5.66E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.37E+00	2.10E-03	1.95E-04	1.09E-02	4.23E-03	2.28E+01
INFANT	GROUND	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03
INFANT	CLOUD	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.93E-04	9.77E-04	1.81E-03	1.81E-03	1.60E-03	0.00E+00
INFANT	TOTALS	1.41E+00	4.08E-02	3.98E-02	5.05E-02	4.36E-02	2.29E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.37E+00	1.59E-03	9.11E-05	4.84E-03	1.99E-03	2.28E+01
CHILD	GROUND	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03
CHILD	CLOUD	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02
CHILD	VEG. ING	3.75E-04	1.70E-03	2.00E-03	2.00E-03	1.47E-03	0.00E+00
CHILD	MEAT ING	6.23E-05	2.82E-04	3.32E-04	3.32E-04	2.44E-04	0.00E+00
CHILD	MILK ING	7.93E-05	3.59E-04	4.23E-04	4.23E-04	3.11E-04	0.00E+00
CHILD	TOTALS	1.41E+00	4.17E-02	4.06E-02	4.54E-02	4.18E-02	2.29E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.37E+00	3.92E-03	3.90E-05	2.07E-03	9.96E-04	2.28E+01
TEENAGE	GROUND	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03
TEENAGE	CLOUD	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02
TEENAGE	VEG. ING	5.60E-04	8.24E-03	1.78E-03	1.78E-03	1.47E-03	0.00E+00
TEENAGE	MEAT ING	9.13E-05	1.34E-03	2.90E-04	2.90E-04	2.40E-04	0.00E+00
TEENAGE	MILK ING	8.47E-05	1.25E-03	2.69E-04	2.69E-04	2.23E-04	0.00E+00
TEENAGE	TOTALS	1.41E+00	5.25E-02	4.01E-02	4.22E-02	4.07E-02	2.29E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.37E+00	2.30E-03	3.25E-05	1.73E-03	8.30E-04	2.28E+01
ADULT	GROUND	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03	2.44E-03
ADULT	CLOUD	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02	3.53E-02
ADULT	VEG. ING	3.39E-04	3.92E-03	1.16E-03	1.16E-03	9.48E-04	0.00E+00
ADULT	MEAT ING	6.99E-05	8.08E-04	2.40E-04	2.40E-04	1.96E-04	0.00E+00
ADULT	MILK ING	1.96E-05	2.27E-04	6.74E-05	6.74E-05	5.49E-05	0.00E+00
ADULT	TOTALS	1.41E+00	4.50E-02	3.93E-02	4.10E-02	3.98E-02	2.29E+01

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.41E+00	1.41E-03	1.31E-04	7.32E-03	2.84E-03	1.40E+02
INFANT	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
INFANT	CLOUD	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.51E-04	6.95E-04	1.29E-03	1.29E-03	1.14E-03	0.00E+00
INFANT	TOTALS	8.49E+00	8.15E-02	8.08E-02	8.80E-02	8.33E-02	1.40E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.41E+00	1.07E-03	6.11E-05	3.25E-03	1.34E-03	1.40E+02
CHILD	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
CHILD	CLOUD	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02
CHILD	VEG. ING	2.60E-04	1.18E-03	1.39E-03	1.39E-03	1.02E-03	0.00E+00
CHILD	MEAT ING	4.43E-05	2.01E-04	2.36E-04	2.36E-04	1.74E-04	0.00E+00
CHILD	MILK ING	5.64E-05	2.56E-04	3.01E-04	3.01E-04	2.21E-04	0.00E+00
CHILD	TOTALS	8.49E+00	8.21E-02	8.13E-02	8.45E-02	8.21E-02	1.40E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.41E+00	2.63E-03	2.62E-05	1.39E-03	6.69E-04	1.40E+02
TEENAGE	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
TEENAGE	CLOUD	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02
TEENAGE	VEG. ING	3.87E-04	5.69E-03	1.23E-03	1.23E-03	1.02E-03	0.00E+00
TEENAGE	MEAT ING	6.50E-05	9.55E-04	2.07E-04	2.07E-04	1.71E-04	0.00E+00
TEENAGE	MILK ING	6.03E-05	8.87E-04	1.92E-04	1.92E-04	1.59E-04	0.00E+00
TEENAGE	TOTALS	8.49E+00	8.95E-02	8.10E-02	8.24E-02	8.14E-02	1.40E+02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.41E+00	1.55E-03	2.18E-05	1.16E-03	5.58E-04	1.40E+02
ADULT	GROUND	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02	1.18E-02
ADULT	CLOUD	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02	6.76E-02
ADULT	VEG. ING	2.34E-04	2.71E-03	8.04E-04	8.04E-04	6.55E-04	0.00E+00
ADULT	MEAT ING	4.97E-05	5.75E-04	1.71E-04	1.71E-04	1.39E-04	0.00E+00
ADULT	MILK ING	1.40E-05	1.61E-04	4.79E-05	4.79E-05	3.90E-05	0.00E+00
ADULT	TOTALS	8.49E+00	8.44E-02	8.04E-02	8.15E-02	8.08E-02	1.40E+02

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.58E+00	4.42E-04	4.11E-05	2.30E-03	8.93E-04	2.63E+01
INFANT	GROUND	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03
INFANT	CLOUD	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.21E-04	2.39E-04	4.44E-04	4.44E-04	3.91E-04	0.00E+00

INFANT	TOTALS	1.60E+00	1.84E-02	1.82E-02	2.05E-02	1.90E-02	2.63E+01
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.58E+00	3.35E-04	1.92E-05	1.02E-03	4.20E-04	2.63E+01
CHILD	GROUND	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03
CHILD	CLOUD	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02
CHILD	VEG. ING	8.56E-05	3.88E-04	4.57E-04	4.57E-04	3.36E-04	0.00E+00
CHILD	MEAT ING	1.53E-05	6.91E-05	8.15E-05	8.15E-05	5.98E-05	0.00E+00
CHILD	MILK ING	1.94E-05	8.80E-05	1.04E-04	1.04E-04	7.62E-05	0.00E+00

CHILD	TOTALS	1.60E+00	1.86E-02	1.84E-02	1.94E-02	1.86E-02	2.63E+01
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.58E+00	8.27E-04	8.22E-06	4.38E-04	2.10E-04	2.63E+01
TEENAGE	GROUND	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03
TEENAGE	CLOUD	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02
TEENAGE	VEG. ING	1.27E-04	1.87E-03	4.05E-04	4.05E-04	3.35E-04	0.00E+00
TEENAGE	MEAT ING	2.24E-05	3.29E-04	7.12E-05	7.12E-05	5.89E-05	0.00E+00
TEENAGE	MILK ING	2.08E-05	3.05E-04	6.60E-05	6.60E-05	5.47E-05	0.00E+00

TEENAGE	TOTALS	1.60E+00	2.11E-02	1.83E-02	1.87E-02	1.84E-02	2.63E+01
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AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.58E+00	4.86E-04	6.85E-06	3.65E-04	1.75E-04	2.63E+01
ADULT	GROUND	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03	2.39E-03
ADULT	CLOUD	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02	1.53E-02
ADULT	VEG. ING	7.71E-05	8.91E-04	2.65E-04	2.65E-04	2.16E-04	0.00E+00
ADULT	MEAT ING	1.71E-05	1.98E-04	5.89E-05	5.89E-05	4.79E-05	0.00E+00
ADULT	MILK ING	4.81E-06	5.56E-05	1.65E-05	1.65E-05	1.35E-05	0.00E+00

ADULT	TOTALS	1.60E+00	1.94E-02	1.81E-02	1.84E-02	1.82E-02	2.63E+01
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NUMBER 16 NAME=NW PERM BNDRY    X= -0.9KM, Y= 0.9KM, Z=-21.3M, DIST= 1.2KM, IRTYPE=10

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 249  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 5, After 10.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	9.83E-01	4.86E-04	4.51E-05	2.52E-03	9.81E-04	1.64E+01
INFANT	GROUND	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03
INFANT	CLOUD	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.29E-04	2.55E-04	4.72E-04	4.72E-04	4.16E-04	0.00E+00
INFANT	TOTALS	1.00E+00	1.94E-02	1.92E-02	2.17E-02	2.01E-02	1.64E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	9.83E-01	3.69E-04	2.11E-05	1.12E-03	4.62E-04	1.64E+01
CHILD	GROUND	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03
CHILD	CLOUD	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02
CHILD	VEG. ING	9.24E-05	4.19E-04	4.94E-04	4.94E-04	3.63E-04	0.00E+00
CHILD	MEAT ING	1.62E-05	7.35E-05	8.66E-05	8.66E-05	6.36E-05	0.00E+00
CHILD	MILK ING	2.07E-05	9.36E-05	1.10E-04	1.10E-04	8.11E-05	0.00E+00
CHILD	TOTALS	1.00E+00	1.97E-02	1.94E-02	2.05E-02	1.97E-02	1.64E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	9.83E-01	9.08E-04	9.03E-06	4.81E-04	2.31E-04	1.64E+01
TEENAGE	GROUND	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03
TEENAGE	CLOUD	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02
TEENAGE	VEG. ING	1.38E-04	2.02E-03	4.38E-04	4.38E-04	3.62E-04	0.00E+00
TEENAGE	MEAT ING	2.38E-05	3.50E-04	7.57E-05	7.57E-05	6.26E-05	0.00E+00
TEENAGE	MILK ING	2.21E-05	3.25E-04	7.02E-05	7.02E-05	5.81E-05	0.00E+00
TEENAGE	TOTALS	1.00E+00	2.23E-02	1.93E-02	1.98E-02	1.94E-02	1.64E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	9.83E-01	5.34E-04	7.52E-06	4.01E-04	1.92E-04	1.64E+01
ADULT	GROUND	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03	1.63E-03
ADULT	CLOUD	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02	1.71E-02
ADULT	VEG. ING	8.33E-05	9.63E-04	2.86E-04	2.86E-04	2.33E-04	0.00E+00
ADULT	MEAT ING	1.82E-05	2.11E-04	6.26E-05	6.26E-05	5.10E-05	0.00E+00
ADULT	MILK ING	5.11E-06	5.91E-05	1.76E-05	1.76E-05	1.43E-05	0.00E+00
ADULT	TOTALS	1.00E+00	2.05E-02	1.91E-02	1.95E-02	1.92E-02	1.64E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.64E-01	6.44E-04	5.98E-05	3.34E-03	1.30E-03	1.11E+01
INFANT	GROUND	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03
INFANT	CLOUD	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.64E-04	3.24E-04	6.00E-04	6.00E-04	5.30E-04	0.00E+00
INFANT	TOTALS	6.81E-01	1.82E-02	1.79E-02	2.12E-02	1.91E-02	1.11E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.64E-01	4.88E-04	2.79E-05	1.49E-03	6.12E-04	1.11E+01
CHILD	GROUND	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03
CHILD	CLOUD	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
CHILD	VEG. ING	1.20E-04	5.43E-04	6.40E-04	6.40E-04	4.70E-04	0.00E+00
CHILD	MEAT ING	2.06E-05	9.35E-05	1.10E-04	1.10E-04	8.10E-05	0.00E+00
CHILD	MILK ING	2.63E-05	1.19E-04	1.40E-04	1.40E-04	1.03E-04	0.00E+00
CHILD	TOTALS	6.81E-01	1.85E-02	1.82E-02	1.96E-02	1.85E-02	1.11E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.64E-01	1.20E-03	1.20E-05	6.37E-04	3.06E-04	1.11E+01
TEENAGE	GROUND	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03
TEENAGE	CLOUD	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
TEENAGE	VEG. ING	1.79E-04	2.63E-03	5.68E-04	5.68E-04	4.70E-04	0.00E+00
TEENAGE	MEAT ING	3.03E-05	4.45E-04	9.63E-05	9.63E-05	7.97E-05	0.00E+00
TEENAGE	MILK ING	2.81E-05	4.13E-04	8.94E-05	8.94E-05	7.40E-05	0.00E+00
TEENAGE	TOTALS	6.81E-01	2.19E-02	1.80E-02	1.86E-02	1.82E-02	1.11E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.64E-01	7.08E-04	9.97E-06	5.31E-04	2.55E-04	1.11E+01
ADULT	GROUND	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03	1.15E-03
ADULT	CLOUD	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02	1.61E-02
ADULT	VEG. ING	1.08E-04	1.25E-03	3.71E-04	3.71E-04	3.02E-04	0.00E+00
ADULT	MEAT ING	2.32E-05	2.68E-04	7.96E-05	7.96E-05	6.49E-05	0.00E+00
ADULT	MILK ING	6.51E-06	7.52E-05	2.23E-05	2.23E-05	1.82E-05	0.00E+00
ADULT	TOTALS	6.81E-01	1.96E-02	1.77E-02	1.83E-02	1.79E-02	1.11E+01

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

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

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

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.76E-02	8.94E-04	8.52E-05	4.64E-03	1.80E-03	1.46E+00
INFANT	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
INFANT	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.14E-04	4.24E-04	7.87E-04	7.87E-04	6.94E-04	0.00E+00
INFANT	TOTALS	9.35E-02	7.01E-03	6.57E-03	1.11E-02	8.19E-03	1.46E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.75E-02	6.78E-04	3.98E-05	2.06E-03	8.49E-04	1.46E+00
CHILD	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
CHILD	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
CHILD	VEG. ING	1.62E-04	7.32E-04	8.62E-04	8.62E-04	6.34E-04	0.00E+00
CHILD	MEAT ING	2.71E-05	1.23E-04	1.44E-04	1.44E-04	1.06E-04	0.00E+00
CHILD	MILK ING	3.45E-05	1.56E-04	1.84E-04	1.84E-04	1.35E-04	0.00E+00
CHILD	TOTALS	9.34E-02	7.38E-03	6.93E-03	8.95E-03	7.42E-03	1.46E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.75E-02	1.67E-03	1.70E-05	8.84E-04	4.25E-04	1.46E+00
TEENAGE	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
TEENAGE	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
TEENAGE	VEG. ING	2.41E-04	3.54E-03	7.66E-04	7.66E-04	6.34E-04	0.00E+00
TEENAGE	MEAT ING	3.97E-05	5.84E-04	1.26E-04	1.26E-04	1.04E-04	0.00E+00
TEENAGE	MILK ING	3.68E-05	5.42E-04	1.17E-04	1.17E-04	9.69E-05	0.00E+00
TEENAGE	TOTALS	9.35E-02	1.20E-02	6.72E-03	7.59E-03	6.96E-03	1.46E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.75E-02	9.83E-04	1.42E-05	7.37E-04	3.54E-04	1.46E+00
ADULT	GROUND	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04	1.68E-04
ADULT	CLOUD	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03	5.53E-03
ADULT	VEG. ING	1.46E-04	1.69E-03	5.01E-04	5.01E-04	4.08E-04	0.00E+00
ADULT	MEAT ING	3.04E-05	3.51E-04	1.04E-04	1.04E-04	8.50E-05	0.00E+00
ADULT	MILK ING	8.53E-06	9.85E-05	2.93E-05	2.93E-05	2.39E-05	0.00E+00
ADULT	TOTALS	9.33E-02	8.81E-03	6.34E-03	7.07E-03	6.57E-03	1.46E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.63E-02	4.08E-04	3.94E-05	2.12E-03	8.24E-04	2.70E-01
INFANT	GROUND	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05
INFANT	CLOUD	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	9.71E-05	1.92E-04	3.57E-04	3.57E-04	3.15E-04	0.00E+00
INFANT	TOTALS	1.82E-02	2.36E-03	2.15E-03	4.23E-03	2.89E-03	2.71E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.62E-02	3.09E-04	1.84E-05	9.42E-04	3.88E-04	2.70E-01
CHILD	GROUND	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05
CHILD	CLOUD	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03
CHILD	VEG. ING	7.35E-05	3.33E-04	3.92E-04	3.92E-04	2.88E-04	0.00E+00
CHILD	MEAT ING	1.23E-05	5.55E-05	6.55E-05	6.55E-05	4.81E-05	0.00E+00
CHILD	MILK ING	1.56E-05	7.08E-05	8.34E-05	8.34E-05	6.13E-05	0.00E+00
CHILD	TOTALS	1.81E-02	2.52E-03	2.32E-03	3.24E-03	2.54E-03	2.71E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.62E-02	7.62E-04	7.88E-06	4.04E-04	1.94E-04	2.70E-01
TEENAGE	GROUND	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05
TEENAGE	CLOUD	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03
TEENAGE	VEG. ING	1.10E-04	1.61E-03	3.49E-04	3.49E-04	2.88E-04	0.00E+00
TEENAGE	MEAT ING	1.80E-05	2.64E-04	5.72E-05	5.72E-05	4.73E-05	0.00E+00
TEENAGE	MILK ING	1.67E-05	2.45E-04	5.31E-05	5.31E-05	4.39E-05	0.00E+00
TEENAGE	TOTALS	1.81E-02	4.64E-03	2.22E-03	2.62E-03	2.33E-03	2.71E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.62E-02	4.48E-04	6.57E-06	3.36E-04	1.62E-04	2.70E-01
ADULT	GROUND	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05	3.20E-05
ADULT	CLOUD	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03	1.72E-03
ADULT	VEG. ING	6.63E-05	7.66E-04	2.28E-04	2.28E-04	1.86E-04	0.00E+00
ADULT	MEAT ING	1.38E-05	1.59E-04	4.73E-05	4.73E-05	3.85E-05	0.00E+00
ADULT	MILK ING	3.86E-06	4.47E-05	1.33E-05	1.33E-05	1.08E-05	0.00E+00
ADULT	TOTALS	1.81E-02	3.17E-03	2.05E-03	2.38E-03	2.15E-03	2.71E-01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.85E-02	1.92E-03	1.92E-04	9.99E-03	3.89E-03	2.97E-01
INFANT	GROUND	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05
INFANT	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.55E-04	9.01E-04	1.67E-03	1.67E-03	1.47E-03	0.00E+00
INFANT	TOTALS	2.14E-02	5.29E-03	4.33E-03	1.41E-02	7.83E-03	3.00E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.81E-02	1.46E-03	8.96E-05	4.44E-03	1.83E-03	2.97E-01
CHILD	GROUND	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05
CHILD	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
CHILD	VEG. ING	3.45E-04	1.56E-03	1.84E-03	1.84E-03	1.35E-03	0.00E+00
CHILD	MEAT ING	5.74E-05	2.60E-04	3.07E-04	3.07E-04	2.25E-04	0.00E+00
CHILD	MILK ING	7.32E-05	3.31E-04	3.91E-04	3.91E-04	2.87E-04	0.00E+00
CHILD	TOTALS	2.11E-02	6.08E-03	5.09E-03	9.45E-03	6.16E-03	3.00E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.81E-02	3.60E-03	3.84E-05	1.90E-03	9.15E-04	2.97E-01
TEENAGE	GROUND	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05
TEENAGE	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
TEENAGE	VEG. ING	5.15E-04	7.58E-03	1.64E-03	1.64E-03	1.36E-03	0.00E+00
TEENAGE	MEAT ING	8.42E-05	1.24E-03	2.68E-04	2.68E-04	2.22E-04	0.00E+00
TEENAGE	MILK ING	7.82E-05	1.15E-03	2.49E-04	2.49E-04	2.06E-04	0.00E+00
TEENAGE	TOTALS	2.13E-02	1.60E-02	4.66E-03	6.52E-03	5.16E-03	3.00E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.81E-02	2.12E-03	3.20E-05	1.59E-03	7.62E-04	2.97E-01
ADULT	GROUND	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05	4.04E-05
ADULT	CLOUD	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03	2.42E-03
ADULT	VEG. ING	3.12E-04	3.60E-03	1.07E-03	1.07E-03	8.72E-04	0.00E+00
ADULT	MEAT ING	6.45E-05	7.45E-04	2.22E-04	2.22E-04	1.80E-04	0.00E+00
ADULT	MILK ING	1.81E-05	2.09E-04	6.22E-05	6.22E-05	5.06E-05	0.00E+00
ADULT	TOTALS	2.09E-02	9.14E-03	3.85E-03	5.41E-03	4.33E-03	3.00E-01

TIME STEP NUMBER 6, After 12.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCIM3, 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	7.109E+00	6.220E+00	1.776E+00	6.177E-01	4.431E-07	1.772E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.090E+00	2.940E+00	1.189E+00	5.676E-01	7.429E-07	1.117E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.832E+00	1.792E+00	8.906E-01	4.972E-01	9.671E-07	8.216E-06
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.251E+00	1.239E+00	7.065E-01	4.328E-01	1.125E-06	6.472E-06
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.889E-01	5.882E-01	4.242E-01	3.022E-01	1.359E-06	3.884E-06
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.188E-01	2.189E-01	1.956E-01	1.677E-01	1.464E-06	1.843E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.075E-01	1.076E-01	1.040E-01	9.818E-02	1.439E-06	1.004E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.745E-02	6.749E-02	6.677E-02	6.521E-02	1.380E-06	6.513E-07
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.758E-02	4.761E-02	4.751E-02	4.705E-02	1.319E-06	4.654E-07
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.604E-02	3.606E-02	3.612E-02	3.600E-02	1.263E-06	3.545E-07
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.855E-02	2.856E-02	2.866E-02	2.866E-02	1.212E-06	2.816E-07
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.335E-02	2.336E-02	2.346E-02	2.350E-02	1.166E-06	2.307E-07

GROUND SURFACE CONCENTRATIONS, PCIM2

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	4.927E+00	4.927E+00	4.927E+00	2.547E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.329E+00	2.329E+00	2.329E+00	3.424E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.419E+00	1.419E+00	1.419E+00	4.179E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.810E-01	9.810E-01	9.810E-01	4.747E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.659E-01	4.659E-01	4.659E-01	5.640E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.734E-01	1.734E-01	1.734E-01	5.694E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.520E-02	8.520E-02	8.520E-02	5.205E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.345E-02	5.345E-02	5.345E-02	4.795E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.771E-02	3.771E-02	3.771E-02	4.469E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.856E-02	2.856E-02	2.856E-02	4.204E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.262E-02	2.262E-02	2.262E-02	3.982E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.850E-02	1.850E-02	1.850E-02	3.792E+00

TOTAL DEPOSITION RATES, PCIM2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.329E-09
2.5	0.000E+00	0.000E+00	0.000E+00	2.229E-09
3.5	0.000E+00	0.000E+00	0.000E+00	2.901E-09
4.5	0.000E+00	0.000E+00	0.000E+00	3.374E-09
7.5	0.000E+00	0.000E+00	0.000E+00	4.078E-09
15.0	0.000E+00	0.000E+00	0.000E+00	4.391E-09
25.0	0.000E+00	0.000E+00	0.000E+00	4.317E-09
35.0	0.000E+00	0.000E+00	0.000E+00	4.141E-09
45.0	0.000E+00	0.000E+00	0.000E+00	3.956E-09
55.0	0.000E+00	0.000E+00	0.000E+00	3.789E-09
65.0	0.000E+00	0.000E+00	0.000E+00	3.636E-09
75.0	0.000E+00	0.000E+00	0.000E+00	3.499E-09

TIME STEP NUMBER 6, After 12.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.175E+01	5.998E+01	1.545E+01	5.217E+00	3.722E-06	1.596E-04
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.160E+01	2.934E+01	1.069E+01	4.915E+00	6.380E-06	1.028E-04
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.888E+01	1.823E+01	8.186E+00	4.377E+00	8.409E-06	7.660E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.297E+01	1.274E+01	6.607E+00	3.860E+00	9.862E-06	6.102E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.166E+00	6.149E+00	4.111E+00	2.781E+00	1.210E-05	3.755E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.314E+00	2.315E+00	1.983E+00	1.629E+00	1.323E-05	1.852E-05
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.139E+00	1.139E+00	1.079E+00	9.920E-01	1.306E-05	1.035E-05
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.153E-01	7.157E-01	7.011E-01	6.743E-01	1.258E-05	6.807E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.052E-01	5.055E-01	5.019E-01	4.927E-01	1.205E-05	4.903E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.827E-01	3.829E-01	3.825E-01	3.793E-01	1.156E-05	3.749E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.033E-01	3.035E-01	3.041E-01	3.031E-01	1.111E-05	2.985E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.483E-01	2.484E-01	2.492E-01	2.492E-01	1.070E-05	2.449E-06

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.751E+01	4.751E+01	4.751E+01	8.970E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.324E+01	2.324E+01	2.324E+01	1.420E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.444E+01	1.444E+01	1.444E+01	1.866E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.009E+01	1.009E+01	1.009E+01	2.240E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.870E+00	4.870E+00	4.870E+00	2.926E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.834E+00	1.834E+00	1.834E+00	3.490E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.025E-01	9.025E-01	9.025E-01	3.626E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.669E-01	5.669E-01	5.669E-01	3.591E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.004E-01	4.004E-01	4.004E-01	3.505E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.033E-01	3.033E-01	3.033E-01	3.407E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.404E-01	2.404E-01	2.404E-01	3.307E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.968E-01	1.968E-01	1.968E-01	3.211E+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	1.117E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.914E-08
3.5	0.000E+00	0.000E+00	0.000E+00	2.523E-08
4.5	0.000E+00	0.000E+00	0.000E+00	2.959E-08
7.5	0.000E+00	0.000E+00	0.000E+00	3.630E-08
15.0	0.000E+00	0.000E+00	0.000E+00	3.970E-08
25.0	0.000E+00	0.000E+00	0.000E+00	3.919E-08
35.0	0.000E+00	0.000E+00	0.000E+00	3.774E-08
45.0	0.000E+00	0.000E+00	0.000E+00	3.616E-08
55.0	0.000E+00	0.000E+00	0.000E+00	3.469E-08
65.0	0.000E+00	0.000E+00	0.000E+00	3.333E-08
75.0	0.000E+00	0.000E+00	0.000E+00	3.210E-08

TIME STEP NUMBER 6, After 12.0 Years        DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.303E+01	1.994E+01	5.618E+00	1.956E+00	1.406E-06	5.632E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.012E+01	9.573E+00	3.806E+00	1.816E+00	2.384E-06	3.593E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.032E+00	5.885E+00	2.868E+00	1.596E+00	3.115E-06	2.655E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.138E+00	4.088E+00	2.285E+00	1.392E+00	3.629E-06	2.099E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.959E+00	1.956E+00	1.385E+00	9.761E-01	4.388E-06	1.268E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.311E-01	7.315E-01	6.461E-01	5.474E-01	4.705E-06	6.071E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.583E-01	3.585E-01	3.445E-01	3.228E-01	4.584E-06	3.320E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.243E-01	2.244E-01	2.214E-01	2.154E-01	4.374E-06	2.157E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.580E-01	1.581E-01	1.575E-01	1.556E-01	4.165E-06	1.542E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.194E-01	1.194E-01	1.195E-01	1.190E-01	3.977E-06	1.173E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.439E-02	9.444E-02	9.472E-02	9.464E-02	3.808E-06	9.305E-07
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.709E-02	7.713E-02	7.744E-02	7.753E-02	3.656E-06	7.613E-07

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.580E+01	1.580E+01	1.580E+01	5.158E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.582E+00	7.582E+00	7.582E+00	8.007E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.661E+00	4.661E+00	4.661E+00	1.037E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.238E+00	3.238E+00	3.238E+00	1.093E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.549E+00	1.549E+00	1.549E+00	1.184E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.793E-01	5.793E-01	5.793E-01	1.523E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.839E-01	2.839E-01	2.839E-01	1.493E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.778E-01	1.778E-01	1.778E-01	1.407E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.252E-01	1.252E-01	1.252E-01	1.332E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.460E-02	9.460E-02	9.460E-02	1.266E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.480E-02	7.480E-02	7.480E-02	1.210E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.109E-02	6.109E-02	6.109E-02	1.160E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	4.219E-09
2.5	0.000E+00	0.000E+00	0.000E+00	7.153E-09
3.5	0.000E+00	0.000E+00	0.000E+00	9.345E-09
4.5	0.000E+00	0.000E+00	0.000E+00	1.089E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.316E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.411E-08
25.0	0.000E+00	0.000E+00	0.000E+00	1.375E-08
35.0	0.000E+00	0.000E+00	0.000E+00	1.312E-08
45.0	0.000E+00	0.000E+00	0.000E+00	1.250E-08
55.0	0.000E+00	0.000E+00	0.000E+00	1.193E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.142E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.097E-08



TIME STEP NUMBER 6, After 12.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.961E+01	2.455E+01	6.301E+00	2.156E+00	1.552E-06	6.528E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.296E+01	1.199E+01	4.312E+00	2.005E+00	2.636E-06	4.169E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.703E+00	7.431E+00	3.279E+00	1.766E+00	3.449E-06	3.086E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.270E+00	5.178E+00	2.634E+00	1.543E+00	4.022E-06	2.444E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.483E+00	2.478E+00	1.626E+00	1.091E+00	4.871E-06	1.487E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.208E-01	9.213E-01	7.802E-01	6.312E-01	5.230E-06	7.259E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.497E-01	4.500E-01	4.242E-01	3.860E-01	5.113E-06	4.054E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.811E-01	2.812E-01	2.750E-01	2.632E-01	4.900E-06	2.666E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.978E-01	1.979E-01	1.964E-01	1.925E-01	4.682E-06	1.918E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.494E-01	1.495E-01	1.494E-01	1.481E-01	4.482E-06	1.464E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.182E-01	1.182E-01	1.185E-01	1.182E-01	4.300E-06	1.163E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.654E-02	9.660E-02	9.695E-02	9.697E-02	4.135E-06	9.527E-07

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E+01	1.945E+01	1.945E+01	4.155E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.499E+00	9.499E+00	9.499E+00	6.129E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.886E+00	5.886E+00	5.886E+00	7.910E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.101E+00	4.101E+00	4.101E+00	8.922E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.962E+00	1.962E+00	1.962E+00	1.100E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.297E-01	7.297E-01	7.297E-01	1.241E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.564E-01	3.564E-01	3.564E-01	1.364E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.227E-01	2.227E-01	2.227E-01	1.377E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.567E-01	1.567E-01	1.567E-01	1.356E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.184E-01	1.184E-01	1.184E-01	1.324E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.365E-02	9.365E-02	9.365E-02	1.289E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.651E-02	7.651E-02	7.651E-02	1.254E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	4.655E-09
2.5	0.000E+00	0.000E+00	0.000E+00	7.907E-09
3.5	0.000E+00	0.000E+00	0.000E+00	1.035E-08
4.5	0.000E+00	0.000E+00	0.000E+00	1.207E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.461E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.569E-08
25.0	0.000E+00	0.000E+00	0.000E+00	1.534E-08
35.0	0.000E+00	0.000E+00	0.000E+00	1.470E-08
45.0	0.000E+00	0.000E+00	0.000E+00	1.404E-08
55.0	0.000E+00	0.000E+00	0.000E+00	1.345E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.290E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.240E-08

TIME STEP NUMBER 6, After 12.0 Years    DURATION IN YRS IS... 2.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 6--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.	3.119E-03	2.525E-02	4.110E-04	1.894E-02	9.107E-03	1.295E+00
GROUND	3.892E-04	3.892E-04	3.892E-04	3.892E-04	3.892E-04	3.892E-04
CLOUD	1.131E-02	1.131E-02	1.131E-02	1.131E-02	1.131E-02	1.131E-02
VEG. ING	2.965E-02	3.237E-01	2.965E-02	1.129E-01	8.932E-02	2.965E-02
MEAT ING	1.812E-03	2.050E-02	1.812E-03	6.623E-03	5.298E-03	1.812E-03
MILK ING	9.006E-04	8.506E-03	9.006E-04	3.472E-03	2.779E-03	9.006E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	4.718E-02	3.896E-01	4.447E-02	1.536E-01	1.182E-01	1.340E+00

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
VEG. ING	5.974E-01	6.520E+00	5.974E-01	2.274E+00	1.799E+00	5.974E-01
MEAT ING	9.592E-03	1.085E-01	9.592E-03	3.506E-02	2.804E-02	9.592E-03
MILK ING	1.822E-04	1.721E-03	1.822E-04	7.025E-04	5.622E-04	1.822E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	6.072E-01	6.631E+00	6.072E-01	2.310E+00	1.828E+00	6.072E-01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	3.119E-03	2.525E-02	4.110E-04	1.894E-02	9.107E-03	1.295E+00
GROUND	3.892E-04	3.892E-04	3.892E-04	3.892E-04	3.892E-04	3.892E-04
CLOUD	1.131E-02	1.131E-02	1.131E-02	1.131E-02	1.131E-02	1.131E-02
VEG. ING	6.271E-01	6.844E+00	6.271E-01	2.387E+00	1.889E+00	6.271E-01
MEAT ING	1.140E-02	1.290E-01	1.140E-02	4.168E-02	3.334E-02	1.140E-02
MILK ING	1.083E-03	1.023E-02	1.083E-03	4.175E-03	3.341E-03	1.083E-03
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	6.544E-01	7.020E+00	6.516E-01	2.463E+00	1.946E+00	1.947E+00

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 263  
 METSET: Casper, Wyoming    DATA: c:\m197\asa.dat    01/20/97  
 TIME STEP NUMBER 6. After 12.0 Years    DURATION IN YRS IS... 2.0

		INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS				GROUND CONCENTRATIONS, PC1/M2				
		AIRBORNE CONCENTRATIONS, PC1/M3		AIRBORNE CONCENTRATIONS, PC1/M3		AIRBORNE CONCENTRATIONS, PC1/M3		AIRBORNE CONCENTRATIONS, PC1/M3		
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	E NE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	E NE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	E NE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	E NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
	CONCENTRATION TOTALS		0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

NO.	NAME	PTSZ	U-238	TH-230	Ra-226	Pb-210	U-238	TH-230	Ra-226	Pb-210
9	SSE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
10	S PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
11	SSW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
12	SW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
13	WSW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
14	W PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
15	WNW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										
16	NW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS										

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PCIM3  
 GROUND CONCENTRATIONS, PCIM2  
 NO. NAME PTSZ U-238 TH-230 Ra-226 Pb-210 U-238 TH-230 Ra-226 Pb-210

REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 265  
 METSET: Casper, Wyoming DATA: c:\m197\asa.dat 01/20/97  
 TIME STEP NUMBER 6, After 12.0 Years DURATION IN YRS IS... 2.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS										
AIRBORNE CONCENTRATIONS, PC/M3					GROUND CONCENTRATIONS, PC/M2					
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PC/M3    GROUND CONCENTRATIONS, PC/M2

NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	1.865E+05	3.010E+03	5.484E+00	1.328E-02	4.667E-11	2.062E-14	6.070E-15	3.128E-03	2.384E+03	2.384E+03	2.384E+03	2.022E+00
2	3.110E+00	2.957E+00	1.193E+00	5.682E-01	7.403E-07	1.177E-09	5.284E-14	1.121E-05	2.342E+00	2.342E+00	2.342E+00	3.415E+00
3	1.980E+01	1.626E+01	4.129E+00	1.758E+00	2.478E-06	4.342E-09	2.139E-13	4.424E-05	1.288E+01	1.288E+01	1.288E+01	7.249E+00
4	1.198E+01	1.074E+01	2.893E+00	1.107E+00	1.823E-06	4.278E-09	2.865E-13	2.986E-05	8.504E+00	8.504E+00	8.504E+00	8.263E+00
5	2.136E+01	1.955E+01	6.057E+00	2.558E+00	3.525E-06	6.236E-09	3.122E-13	6.038E-05	1.548E+01	1.548E+01	1.548E+01	1.180E+01
6	3.027E+01	2.823E+01	1.047E+01	4.881E+00	6.544E-06	1.079E-08	5.021E-13	1.003E-04	2.236E+01	2.236E+01	2.236E+01	1.835E+01
7	7.879E+00	7.622E+00	3.580E+00	1.897E+00	2.907E-06	5.333E-09	2.740E-13	3.308E-05	6.037E+00	6.037E+00	6.037E+00	1.363E+01
8	5.475E+00	5.335E+00	2.359E+00	1.177E+00	1.918E-06	3.959E-09	2.308E-13	2.185E-05	4.226E+00	4.226E+00	4.226E+00	1.200E+01
9	1.615E+01	1.551E+01	6.479E+00	3.124E+00	4.127E-06	6.654E-09	3.027E-13	6.047E-05	1.228E+01	1.228E+01	1.228E+01	1.394E+01
10	1.123E+01	1.053E+01	4.013E+00	1.848E+00	2.245E-06	3.323E-09	1.391E-13	3.809E-05	8.341E+00	8.341E+00	8.341E+00	9.701E+00
11	1.554E+01	1.467E+01	5.681E+00	2.725E+00	4.166E-06	7.979E-09	4.308E-13	5.407E-05	1.162E+01	1.162E+01	1.162E+01	1.255E+01
12	1.564E+00	1.562E+00	1.064E+00	7.126E-01	2.960E-06	1.771E-08	2.980E-12	9.662E-06	1.237E+00	1.237E+00	1.237E+00	9.816E+00
13	7.076E+00	6.605E+00	2.254E+00	9.545E-01	1.115E-06	1.643E-09	6.890E-14	2.179E-05	5.231E+00	5.231E+00	5.231E+00	3.658E+00
14	5.867E+01	4.300E+01	8.321E+00	2.107E+00	9.574E-07	5.427E-10	8.930E-15	9.434E-05	3.406E+01	3.406E+01	3.406E+01	3.453E+00
15	1.000E+01	7.830E+00	1.474E+00	3.640E-01	1.756E-07	1.088E-10	1.967E-15	1.689E-05	6.202E+00	6.202E+00	6.202E+00	1.595E+00
16	6.390E+00	5.563E+00	1.702E+00	5.575E-01	3.201E-07	2.221E-10	4.429E-15	1.644E-05	4.406E+00	4.406E+00	4.406E+00	1.565E+00
17	4.342E+00	3.953E+00	1.411E+00	5.750E-01	4.800E-07	4.794E-10	1.362E-14	1.337E-05	3.131E+00	3.131E+00	3.131E+00	1.748E+00
18	4.125E-01	4.126E-01	2.795E-01	1.725E-01	6.510E-07	7.684E-09	3.277E-12	2.485E-06	3.268E-01	3.268E-01	3.268E-01	1.792E+00
19	7.357E-02	7.362E-02	6.461E-02	5.244E-02	2.584E-07	4.334E-09	3.790E-12	5.990E-07	5.831E-02	5.831E-02	5.831E-02	7.767E-01
20	8.757E-02	8.762E-02	8.542E-02	8.133E-02	1.358E-06	4.139E-08	4.150E-11	8.267E-07	6.940E-02	6.940E-02	6.940E-02	3.529E+00

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.40E+04	2.52E-08	2.38E-09	1.31E-07	5.08E-08	2.33E+05
INFANT	GROUND	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01
INFANT	CLOUD	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.72E-05	7.37E-05	1.37E-04	1.37E-04	1.21E-04	0.00E+00
INFANT	TOTALS	1.40E+04	8.71E-01	8.71E-01	8.71E-01	8.71E-01	2.33E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.40E+04	1.91E-08	1.10E-09	5.81E-08	2.39E-08	2.33E+05
CHILD	GROUND	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01
CHILD	CLOUD	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01
CHILD	VEG. ING	1.43E-05	6.50E-05	7.65E-05	7.65E-05	5.62E-05	0.00E+00
CHILD	MEAT ING	4.70E-06	2.13E-05	2.51E-05	2.51E-05	1.84E-05	0.00E+00
CHILD	MILK ING	5.99E-06	2.71E-05	3.20E-05	3.20E-05	2.35E-05	0.00E+00
CHILD	TOTALS	1.40E+04	8.71E-01	8.71E-01	8.71E-01	8.71E-01	2.33E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.40E+04	4.70E-08	4.72E-10	2.49E-08	1.19E-08	2.33E+05
TEENAGE	GROUND	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01
TEENAGE	CLOUD	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01
TEENAGE	VEG. ING	2.06E-05	3.03E-04	6.56E-05	6.56E-05	5.43E-05	0.00E+00
TEENAGE	MEAT ING	6.90E-06	1.01E-04	2.19E-05	2.19E-05	1.81E-05	0.00E+00
TEENAGE	MILK ING	6.40E-06	9.41E-05	2.03E-05	2.03E-05	1.68E-05	0.00E+00
TEENAGE	TOTALS	1.40E+04	8.71E-01	8.71E-01	8.71E-01	8.71E-01	2.33E+05

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.40E+04	2.76E-08	3.93E-10	2.07E-08	9.96E-09	2.33E+05
ADULT	GROUND	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01	4.26E-01
ADULT	CLOUD	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01	4.45E-01
ADULT	VEG. ING	1.25E-05	1.44E-04	4.29E-05	4.29E-05	3.50E-05	0.00E+00
ADULT	MEAT ING	5.28E-06	6.10E-05	1.81E-05	1.81E-05	1.48E-05	0.00E+00
ADULT	MILK ING	1.48E-06	1.71E-05	5.09E-06	5.09E-06	4.14E-06	0.00E+00
ADULT	TOTALS	1.40E+04	8.71E-01	8.71E-01	8.71E-01	8.71E-01	2.33E+05



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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.33E-01	3.99E-04	3.71E-05	2.07E-03	8.06E-04	3.89E+00
INFANT	GROUND	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04
INFANT	CLOUD	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.44E-04	2.84E-04	5.27E-04	5.27E-04	4.65E-04	0.00E+00
INFANT	TOTALS	2.41E-01	8.20E-03	8.08E-03	1.01E-02	8.79E-03	3.89E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.33E-01	3.03E-04	1.73E-05	9.21E-04	3.79E-04	3.89E+00
CHILD	GROUND	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04
CHILD	CLOUD	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03
CHILD	VEG. ING	9.05E-05	4.10E-04	4.83E-04	4.83E-04	3.55E-04	0.00E+00
CHILD	MEAT ING	1.81E-05	8.21E-05	9.67E-05	9.67E-05	7.11E-05	0.00E+00
CHILD	MILK ING	2.31E-05	1.05E-04	1.23E-04	1.23E-04	9.05E-05	0.00E+00
CHILD	TOTALS	2.41E-01	8.42E-03	8.24E-03	9.14E-03	8.41E-03	3.89E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.33E-01	7.46E-04	7.43E-06	3.95E-04	1.90E-04	3.89E+00
TEENAGE	GROUND	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04
TEENAGE	CLOUD	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03
TEENAGE	VEG. ING	1.34E-04	1.97E-03	4.26E-04	4.26E-04	3.53E-04	0.00E+00
TEENAGE	MEAT ING	2.66E-05	3.91E-04	8.45E-05	8.45E-05	6.99E-05	0.00E+00
TEENAGE	MILK ING	2.47E-05	3.63E-04	7.84E-05	7.84E-05	6.49E-05	0.00E+00
TEENAGE	TOTALS	2.41E-01	1.10E-02	8.11E-03	8.50E-03	8.19E-03	3.89E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.33E-01	4.39E-04	6.19E-06	3.29E-04	1.58E-04	3.89E+00
ADULT	GROUND	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04	4.25E-04
ADULT	CLOUD	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03	7.09E-03
ADULT	VEG. ING	8.12E-05	9.38E-04	2.79E-04	2.79E-04	2.27E-04	0.00E+00
ADULT	MEAT ING	2.03E-05	2.35E-04	6.99E-05	6.99E-05	5.69E-05	0.00E+00
ADULT	MILK ING	5.71E-06	6.60E-05	1.96E-05	1.96E-05	1.60E-05	0.00E+00
ADULT	TOTALS	2.41E-01	9.19E-03	7.89E-03	8.21E-03	7.97E-03	3.89E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.49E+00	1.34E-03	1.24E-04	6.94E-03	2.70E-03	2.47E+01
INFANT	GROUND	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03
INFANT	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.03E-04	7.99E-04	1.48E-03	1.48E-03	1.31E-03	0.00E+00
INFANT	TOTALS	1.51E+00	2.70E-02	2.65E-02	3.33E-02	2.89E-02	2.48E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.49E+00	1.01E-03	5.80E-05	3.08E-03	1.27E-03	2.47E+01
CHILD	GROUND	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03
CHILD	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
CHILD	VEG. ING	2.73E-04	1.24E-03	1.46E-03	1.46E-03	1.07E-03	0.00E+00
CHILD	MEAT ING	5.09E-05	2.31E-04	2.72E-04	2.72E-04	2.00E-04	0.00E+00
CHILD	MILK ING	6.49E-05	2.94E-04	3.46E-04	3.46E-04	2.54E-04	0.00E+00
CHILD	TOTALS	1.51E+00	2.77E-02	2.70E-02	3.00E-02	2.77E-02	2.48E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.49E+00	2.50E-03	2.49E-05	1.32E-03	6.35E-04	2.47E+01
TEENAGE	GROUND	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03
TEENAGE	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
TEENAGE	VEG. ING	4.06E-04	5.97E-03	1.29E-03	1.29E-03	1.07E-03	0.00E+00
TEENAGE	MEAT ING	7.47E-05	1.10E-03	2.38E-04	2.38E-04	1.97E-04	0.00E+00
TEENAGE	MILK ING	6.93E-05	1.02E-03	2.20E-04	2.20E-04	1.82E-04	0.00E+00
TEENAGE	TOTALS	1.51E+00	3.55E-02	2.67E-02	2.80E-02	2.70E-02	2.48E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.48E+00	1.47E-03	2.07E-05	1.10E-03	5.29E-04	2.47E+01
ADULT	GROUND	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03	2.32E-03
ADULT	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
ADULT	VEG. ING	2.46E-04	2.84E-03	8.44E-04	8.44E-04	6.88E-04	0.00E+00
ADULT	MEAT ING	5.72E-05	6.61E-04	1.96E-04	1.96E-04	1.60E-04	0.00E+00
ADULT	MILK ING	1.61E-05	1.85E-04	5.51E-05	5.51E-05	4.49E-05	0.00E+00
ADULT	TOTALS	1.51E+00	3.00E-02	2.60E-02	2.71E-02	2.63E-02	2.48E+01

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 273  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 6, After 12.0 Years    DURATION IN YRS IS... 2.0

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.99E-01	9.83E-04	9.16E-05	5.10E-03	1.98E-03	1.50E+01
INFANT	GROUND	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03
INFANT	CLOUD	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.51E-04	6.95E-04	1.29E-03	1.29E-03	1.14E-03	0.00E+00
INFANT	TOTALS	9.16E-01	1.78E-02	1.75E-02	2.25E-02	1.93E-02	1.50E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.99E-01	7.45E-04	4.27E-05	2.27E-03	9.33E-04	1.50E+01
CHILD	GROUND	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03
CHILD	CLOUD	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02
CHILD	VEG. ING	2.22E-04	1.01E-03	1.18E-03	1.18E-03	8.70E-04	0.00E+00
CHILD	MEAT ING	4.43E-05	2.01E-04	2.36E-04	2.36E-04	1.74E-04	0.00E+00
CHILD	MILK ING	5.64E-05	2.55E-04	3.01E-04	3.01E-04	2.21E-04	0.00E+00
CHILD	TOTALS	9.15E-01	1.84E-02	1.79E-02	2.01E-02	1.83E-02	1.50E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.99E-01	1.84E-03	1.83E-05	9.72E-04	4.67E-04	1.50E+01
TEENAGE	GROUND	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03
TEENAGE	CLOUD	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02
TEENAGE	VEG. ING	3.29E-04	4.83E-03	1.05E-03	1.05E-03	8.65E-04	0.00E+00
TEENAGE	MEAT ING	6.49E-05	9.55E-04	2.06E-04	2.06E-04	1.71E-04	0.00E+00
TEENAGE	MILK ING	6.03E-05	8.86E-04	1.92E-04	1.92E-04	1.59E-04	0.00E+00
TEENAGE	TOTALS	9.16E-01	2.47E-02	1.76E-02	1.86E-02	1.78E-02	1.50E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.99E-01	1.08E-03	1.53E-05	8.10E-04	3.89E-04	1.50E+01
ADULT	GROUND	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03	1.54E-03
ADULT	CLOUD	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02	1.46E-02
ADULT	VEG. ING	1.99E-04	2.30E-03	6.83E-04	6.83E-04	5.57E-04	0.00E+00
ADULT	MEAT ING	4.97E-05	5.75E-04	1.71E-04	1.71E-04	1.39E-04	0.00E+00
ADULT	MILK ING	1.40E-05	1.61E-04	4.79E-05	4.79E-05	3.90E-05	0.00E+00
ADULT	TOTALS	9.15E-01	2.03E-02	1.71E-02	1.79E-02	1.73E-02	1.50E+01

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.60E+00	1.90E-03	1.77E-04	9.87E-03	3.84E-03	2.67E+01
INFANT	GROUND	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03
INFANT	CLOUD	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-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	6.01E-04	1.19E-03	2.21E-03	2.21E-03	1.95E-03	0.00E+00
INFANT	TOTALS	1.64E+00	3.88E-02	3.81E-02	4.77E-02	4.15E-02	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.60E+00	1.44E-03	8.25E-05	4.39E-03	1.81E-03	2.67E+01
CHILD	GROUND	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03
CHILD	CLOUD	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02
CHILD	VEG. ING	3.99E-04	1.81E-03	2.13E-03	2.13E-03	1.57E-03	0.00E+00
CHILD	MEAT ING	7.59E-05	3.44E-04	4.05E-04	4.05E-04	2.98E-04	0.00E+00
CHILD	MILK ING	9.67E-05	4.38E-04	5.16E-04	5.16E-04	3.79E-04	0.00E+00
CHILD	TOTALS	1.64E+00	3.97E-02	3.88E-02	4.31E-02	3.97E-02	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.60E+00	3.55E-03	3.54E-05	1.88E-03	9.03E-04	2.67E+01
TEENAGE	GROUND	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03
TEENAGE	CLOUD	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02
TEENAGE	VEG. ING	5.93E-04	8.72E-03	1.89E-03	1.89E-03	1.56E-03	0.00E+00
TEENAGE	MEAT ING	1.11E-04	1.64E-03	3.54E-04	3.54E-04	2.93E-04	0.00E+00
TEENAGE	MILK ING	1.03E-04	1.52E-03	3.29E-04	3.29E-04	2.72E-04	0.00E+00
TEENAGE	TOTALS	1.64E+00	5.11E-02	3.83E-02	4.01E-02	3.87E-02	2.67E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.60E+00	2.09E-03	2.95E-05	1.57E-03	7.52E-04	2.67E+01
ADULT	GROUND	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03	2.79E-03
ADULT	CLOUD	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02	3.29E-02
ADULT	VEG. ING	3.59E-04	4.15E-03	1.23E-03	1.23E-03	1.00E-03	0.00E+00
ADULT	MEAT ING	8.52E-05	9.85E-04	2.93E-04	2.93E-04	2.38E-04	0.00E+00
ADULT	MILK ING	2.39E-05	2.76E-04	8.22E-05	8.22E-05	6.69E-05	0.00E+00
ADULT	TOTALS	1.64E+00	4.32E-02	3.73E-02	3.88E-02	3.77E-02	2.67E+01



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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.27E+00	3.53E-03	3.28E-04	1.83E-02	7.12E-03	3.78E+01
INFANT	GROUND	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03
INFANT	CLOUD	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.05E-03	2.08E-03	3.86E-03	3.86E-03	3.40E-03	0.00E+00
INFANT	TOTALS	2.34E+00	7.09E-02	6.94E-02	8.74E-02	7.58E-02	3.79E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.27E+00	2.68E-03	1.53E-04	8.14E-03	3.35E-03	3.78E+01
CHILD	GROUND	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03
CHILD	CLOUD	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02
CHILD	VEG. ING	7.16E-04	3.25E-03	3.82E-03	3.82E-03	2.81E-03	0.00E+00
CHILD	MEAT ING	1.33E-04	6.01E-04	7.08E-04	7.08E-04	5.20E-04	0.00E+00
CHILD	MILK ING	1.69E-04	7.65E-04	9.02E-04	9.02E-04	6.63E-04	0.00E+00
CHILD	TOTALS	2.34E+00	7.25E-02	7.08E-02	7.88E-02	7.26E-02	3.79E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.27E+00	6.59E-03	6.57E-05	3.49E-03	1.68E-03	3.78E+01
TEENAGE	GROUND	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03
TEENAGE	CLOUD	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02
TEENAGE	VEG. ING	1.06E-03	1.57E-02	3.39E-03	3.39E-03	2.80E-03	0.00E+00
TEENAGE	MEAT ING	1.95E-04	2.86E-03	6.19E-04	6.19E-04	5.12E-04	0.00E+00
TEENAGE	MILK ING	1.81E-04	2.66E-03	5.74E-04	5.74E-04	4.75E-04	0.00E+00
TEENAGE	TOTALS	2.34E+00	9.30E-02	6.99E-02	7.33E-02	7.07E-02	3.79E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.27E+00	3.88E-03	5.47E-05	2.91E-03	1.40E-03	3.78E+01
ADULT	GROUND	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03	4.03E-03
ADULT	CLOUD	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02	6.12E-02
ADULT	VEG. ING	6.44E-04	7.44E-03	2.21E-03	2.21E-03	1.80E-03	0.00E+00
ADULT	MEAT ING	1.49E-04	1.72E-03	5.12E-04	5.12E-04	4.17E-04	0.00E+00
ADULT	MILK ING	4.18E-05	4.83E-04	1.44E-04	1.44E-04	1.17E-04	0.00E+00
ADULT	TOTALS	2.34E+00	7.88E-02	6.82E-02	7.10E-02	6.90E-02	3.79E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.91E-01	1.57E-03	1.46E-04	8.14E-03	3.16E-03	9.85E+00
INFANT	GROUND	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03
INFANT	CLOUD	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.68E-04	1.12E-03	2.08E-03	2.08E-03	1.84E-03	0.00E+00
INFANT	TOTALS	6.16E-01	2.69E-02	2.64E-02	3.44E-02	2.92E-02	9.87E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.91E-01	1.19E-03	6.81E-05	3.62E-03	1.49E-03	9.85E+00
CHILD	GROUND	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03
CHILD	CLOUD	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
CHILD	VEG. ING	3.57E-04	1.62E-03	1.91E-03	1.91E-03	1.40E-03	0.00E+00
CHILD	MEAT ING	7.16E-05	3.25E-04	3.82E-04	3.82E-04	2.81E-04	0.00E+00
CHILD	MILK ING	9.13E-05	4.13E-04	4.87E-04	4.87E-04	3.58E-04	0.00E+00
CHILD	TOTALS	6.16E-01	2.78E-02	2.71E-02	3.06E-02	2.77E-02	9.87E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.91E-01	2.93E-03	2.92E-05	1.55E-03	7.44E-04	9.85E+00
TEENAGE	GROUND	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03
TEENAGE	CLOUD	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
TEENAGE	VEG. ING	5.29E-04	7.78E-03	1.68E-03	1.68E-03	1.39E-03	0.00E+00
TEENAGE	MEAT ING	1.05E-04	1.55E-03	3.34E-04	3.34E-04	2.77E-04	0.00E+00
TEENAGE	MILK ING	9.75E-05	1.43E-03	3.10E-04	3.10E-04	2.57E-04	0.00E+00
TEENAGE	TOTALS	6.16E-01	3.79E-02	2.66E-02	2.81E-02	2.69E-02	9.87E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.91E-01	1.72E-03	2.43E-05	1.29E-03	6.20E-04	9.85E+00
ADULT	GROUND	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03	1.10E-03
ADULT	CLOUD	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
ADULT	VEG. ING	3.20E-04	3.70E-03	1.10E-03	1.10E-03	8.95E-04	0.00E+00
ADULT	MEAT ING	8.05E-05	9.30E-04	2.76E-04	2.76E-04	2.25E-04	0.00E+00
ADULT	MILK ING	2.26E-05	2.61E-04	7.75E-05	7.75E-05	6.32E-05	0.00E+00
ADULT	TOTALS	6.16E-01	3.08E-02	2.57E-02	2.70E-02	2.60E-02	9.87E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.11E-01	1.03E-03	9.63E-05	5.37E-03	2.09E-03	6.84E+00
INFANT	GROUND	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04
INFANT	CLOUD	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.30E-04	8.52E-04	1.58E-03	1.58E-03	1.39E-03	0.00E+00
INFANT	TOTALS	4.27E-01	1.72E-02	1.70E-02	2.23E-02	1.88E-02	6.86E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.11E-01	7.84E-04	4.49E-05	2.39E-03	9.82E-04	6.84E+00
CHILD	GROUND	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04
CHILD	CLOUD	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02
CHILD	VEG. ING	2.57E-04	1.16E-03	1.37E-03	1.37E-03	1.01E-03	0.00E+00
CHILD	MEAT ING	5.43E-05	2.46E-04	2.90E-04	2.90E-04	2.13E-04	0.00E+00
CHILD	MILK ING	6.91E-05	3.13E-04	3.69E-04	3.69E-04	2.71E-04	0.00E+00
CHILD	TOTALS	4.26E-01	1.78E-02	1.74E-02	1.97E-02	1.78E-02	6.86E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.11E-01	1.93E-03	1.93E-05	1.02E-03	4.91E-04	6.84E+00
TEENAGE	GROUND	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04
TEENAGE	CLOUD	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02
TEENAGE	VEG. ING	3.80E-04	5.58E-03	1.21E-03	1.21E-03	9.99E-04	0.00E+00
TEENAGE	MEAT ING	7.96E-05	1.17E-03	2.53E-04	2.53E-04	2.10E-04	0.00E+00
TEENAGE	MILK ING	7.39E-05	1.09E-03	2.35E-04	2.35E-04	1.94E-04	0.00E+00
TEENAGE	TOTALS	4.27E-01	2.51E-02	1.70E-02	1.80E-02	1.72E-02	6.86E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.11E-01	1.14E-03	1.61E-05	8.52E-04	4.09E-04	6.84E+00
ADULT	GROUND	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04	7.78E-04
ADULT	CLOUD	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02	1.45E-02
ADULT	VEG. ING	2.30E-04	2.66E-03	7.89E-04	7.89E-04	6.43E-04	0.00E+00
ADULT	MEAT ING	6.10E-05	7.04E-04	2.09E-04	2.09E-04	1.71E-04	0.00E+00
ADULT	MILK ING	1.71E-05	1.98E-04	5.88E-05	5.88E-05	4.79E-05	0.00E+00
ADULT	TOTALS	4.26E-01	2.00E-02	1.64E-02	1.72E-02	1.66E-02	6.86E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.21E+00	2.23E-03	2.07E-04	1.16E-02	4.49E-03	2.02E+01
INFANT	GROUND	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03
INFANT	CLOUD	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	7.06E-04	1.40E-03	2.59E-03	2.59E-03	2.29E-03	0.00E+00
INFANT	TOTALS	1.25E+00	4.47E-02	4.39E-02	5.52E-02	4.79E-02	2.02E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.21E+00	1.69E-03	9.66E-05	5.14E-03	2.11E-03	2.02E+01
CHILD	GROUND	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03
CHILD	CLOUD	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02
CHILD	VEG. ING	4.69E-04	2.12E-03	2.50E-03	2.50E-03	1.84E-03	0.00E+00
CHILD	MEAT ING	8.91E-05	4.04E-04	4.76E-04	4.76E-04	3.50E-04	0.00E+00
CHILD	MILK ING	1.14E-04	5.14E-04	6.06E-04	6.06E-04	4.45E-04	0.00E+00
CHILD	TOTALS	1.25E+00	4.58E-02	4.48E-02	4.98E-02	4.58E-02	2.02E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.21E+00	4.16E-03	4.14E-05	2.20E-03	1.06E-03	2.02E+01
TEENAGE	GROUND	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03
TEENAGE	CLOUD	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02
TEENAGE	VEG. ING	6.96E-04	1.02E-02	2.21E-03	2.21E-03	1.83E-03	0.00E+00
TEENAGE	MEAT ING	1.31E-04	1.92E-03	4.16E-04	4.16E-04	3.44E-04	0.00E+00
TEENAGE	MILK ING	1.21E-04	1.78E-03	3.86E-04	3.86E-04	3.19E-04	0.00E+00
TEENAGE	TOTALS	1.25E+00	5.92E-02	4.41E-02	4.63E-02	4.46E-02	2.02E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.21E+00	2.45E-03	3.45E-05	1.83E-03	8.81E-04	2.02E+01
ADULT	GROUND	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03	2.22E-03
ADULT	CLOUD	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02	3.89E-02
ADULT	VEG. ING	4.21E-04	4.86E-03	1.45E-03	1.45E-03	1.18E-03	0.00E+00
ADULT	MEAT ING	1.00E-04	1.16E-03	3.44E-04	3.44E-04	2.80E-04	0.00E+00
ADULT	MILK ING	2.81E-05	3.25E-04	9.65E-05	9.65E-05	7.86E-05	0.00E+00
ADULT	TOTALS	1.25E+00	4.99E-02	4.30E-02	4.48E-02	4.35E-02	2.02E+01



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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.42E-01	1.21E-03	1.13E-04	6.28E-03	2.44E-03	1.40E+01
INFANT	GROUND	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03
INFANT	CLOUD	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.23E-04	8.38E-04	1.55E-03	1.55E-03	1.37E-03	0.00E+00
INFANT	TOTALS	8.67E-01	2.68E-02	2.64E-02	3.26E-02	2.86E-02	1.41E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.42E-01	9.18E-04	5.25E-05	2.79E-03	1.15E-03	1.40E+01
CHILD	GROUND	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03
CHILD	CLOUD	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02
CHILD	VEG. ING	2.70E-04	1.22E-03	1.44E-03	1.44E-03	1.06E-03	0.00E+00
CHILD	MEAT ING	5.34E-05	2.42E-04	2.85E-04	2.85E-04	2.09E-04	0.00E+00
CHILD	MILK ING	6.80E-05	3.08E-04	3.63E-04	3.63E-04	2.67E-04	0.00E+00
CHILD	TOTALS	8.67E-01	2.74E-02	2.69E-02	2.96E-02	2.74E-02	1.41E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.42E-01	2.26E-03	2.25E-05	1.20E-03	5.75E-04	1.40E+01
TEENAGE	GROUND	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03
TEENAGE	CLOUD	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02
TEENAGE	VEG. ING	4.00E-04	5.88E-03	1.27E-03	1.27E-03	1.05E-03	0.00E+00
TEENAGE	MEAT ING	7.84E-05	1.15E-03	2.49E-04	2.49E-04	2.06E-04	0.00E+00
TEENAGE	MILK ING	7.27E-05	1.07E-03	2.31E-04	2.31E-04	1.91E-04	0.00E+00
TEENAGE	TOTALS	8.67E-01	3.51E-02	2.65E-02	2.77E-02	2.68E-02	1.41E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.42E-01	1.33E-03	1.88E-05	9.97E-04	4.79E-04	1.40E+01
ADULT	GROUND	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03	1.51E-03
ADULT	CLOUD	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02	2.32E-02
ADULT	VEG. ING	2.42E-04	2.80E-03	8.31E-04	8.31E-04	6.77E-04	0.00E+00
ADULT	MEAT ING	6.00E-05	6.93E-04	2.06E-04	2.06E-04	1.68E-04	0.00E+00
ADULT	MILK ING	1.68E-05	1.95E-04	5.78E-05	5.78E-05	4.71E-05	0.00E+00
ADULT	TOTALS	8.67E-01	2.98E-02	2.59E-02	2.68E-02	2.61E-02	1.41E+01

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.17E+00	2.25E-03	2.09E-04	1.17E-02	4.53E-03	1.94E+01
INFANT	GROUND	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
INFANT	CLOUD	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	6.85E-04	1.36E-03	2.51E-03	2.51E-03	2.22E-03	0.00E+00
INFANT	TOTALS	1.20E+00	3.97E-02	3.88E-02	5.02E-02	4.28E-02	1.95E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.17E+00	1.70E-03	9.76E-05	5.18E-03	2.13E-03	1.94E+01
CHILD	GROUND	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
CHILD	CLOUD	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02
CHILD	VEG. ING	4.62E-04	2.09E-03	2.47E-03	2.47E-03	1.81E-03	0.00E+00
CHILD	MEAT ING	8.65E-05	3.92E-04	4.62E-04	4.62E-04	3.39E-04	0.00E+00
CHILD	MILK ING	1.10E-04	4.99E-04	5.88E-04	5.88E-04	4.32E-04	0.00E+00
CHILD	TOTALS	1.20E+00	4.07E-02	3.97E-02	4.48E-02	4.08E-02	1.95E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.17E+00	4.20E-03	4.18E-05	2.22E-03	1.07E-03	1.94E+01
TEENAGE	GROUND	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
TEENAGE	CLOUD	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02
TEENAGE	VEG. ING	6.87E-04	1.01E-02	2.18E-03	2.18E-03	1.81E-03	0.00E+00
TEENAGE	MEAT ING	1.27E-04	1.87E-03	4.03E-04	4.03E-04	3.34E-04	0.00E+00
TEENAGE	MILK ING	1.18E-04	1.73E-03	3.74E-04	3.74E-04	3.10E-04	0.00E+00
TEENAGE	TOTALS	1.20E+00	5.39E-02	3.91E-02	4.12E-02	3.96E-02	1.95E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.17E+00	2.47E-03	3.49E-05	1.85E-03	8.89E-04	1.94E+01
ADULT	GROUND	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03	2.10E-03
ADULT	CLOUD	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02	3.40E-02
ADULT	VEG. ING	4.16E-04	4.80E-03	1.43E-03	1.43E-03	1.16E-03	0.00E+00
ADULT	MEAT ING	9.71E-05	1.12E-03	3.34E-04	3.34E-04	2.72E-04	0.00E+00
ADULT	MILK ING	2.73E-05	3.15E-04	9.36E-05	9.36E-05	7.62E-05	0.00E+00
ADULT	TOTALS	1.20E+00	4.48E-02	3.79E-02	3.98E-02	3.84E-02	1.95E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.18E-01	1.60E-03	1.50E-04	8.29E-03	3.22E-03	1.96E+00
INFANT	GROUND	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04
INFANT	CLOUD	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.03E-04	9.97E-04	1.85E-03	1.85E-03	1.63E-03	0.00E+00
INFANT	TOTALS	1.27E-01	1.11E-02	1.05E-02	1.87E-02	1.34E-02	1.96E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.18E-01	1.21E-03	7.00E-05	3.68E-03	1.52E-03	1.96E+00
CHILD	GROUND	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04
CHILD	CLOUD	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03
CHILD	VEG. ING	3.35E-04	1.52E-03	1.79E-03	1.79E-03	1.31E-03	0.00E+00
CHILD	MEAT ING	6.35E-05	2.88E-04	3.39E-04	3.39E-04	2.49E-04	0.00E+00
CHILD	MILK ING	8.09E-05	3.67E-04	4.32E-04	4.32E-04	3.17E-04	0.00E+00
CHILD	TOTALS	1.27E-01	1.19E-02	1.12E-02	1.48E-02	1.19E-02	1.96E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.18E-01	2.98E-03	3.00E-05	1.58E-03	7.58E-04	1.96E+00
TEENAGE	GROUND	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04
TEENAGE	CLOUD	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03
TEENAGE	VEG. ING	4.97E-04	7.31E-03	1.58E-03	1.58E-03	1.31E-03	0.00E+00
TEENAGE	MEAT ING	9.32E-05	1.37E-03	2.96E-04	2.96E-04	2.45E-04	0.00E+00
TEENAGE	MILK ING	8.65E-05	1.27E-03	2.75E-04	2.75E-04	2.28E-04	0.00E+00
TEENAGE	TOTALS	1.27E-01	2.15E-02	1.07E-02	1.23E-02	1.11E-02	1.96E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.18E-01	1.75E-03	2.50E-05	1.32E-03	6.32E-04	1.96E+00
ADULT	GROUND	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04	2.39E-04
ADULT	CLOUD	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03	8.29E-03
ADULT	VEG. ING	3.01E-04	3.48E-03	1.03E-03	1.03E-03	8.42E-04	0.00E+00
ADULT	MEAT ING	7.13E-05	8.24E-04	2.45E-04	2.45E-04	2.00E-04	0.00E+00
ADULT	MILK ING	2.00E-05	2.31E-04	6.88E-05	6.88E-05	5.60E-05	0.00E+00
ADULT	TOTALS	1.26E-01	1.48E-02	9.90E-03	1.12E-02	1.03E-02	1.96E+00

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.31E-01	6.01E-04	5.59E-05	3.12E-03	1.21E-03	8.85E+00
INFANT	GROUND	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04
INFANT	CLOUD	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.89E-04	3.74E-04	6.93E-04	6.93E-04	6.11E-04	0.00E+00
INFANT	TOTALS	5.44E-01	1.42E-02	1.40E-02	1.70E-02	1.50E-02	8.86E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.31E-01	4.56E-04	2.61E-05	1.39E-03	5.71E-04	8.85E+00
CHILD	GROUND	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04
CHILD	CLOUD	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
CHILD	VEG. ING	1.26E-04	5.70E-04	6.72E-04	6.72E-04	4.93E-04	0.00E+00
CHILD	MEAT ING	2.38E-05	1.08E-04	1.27E-04	1.27E-04	9.35E-05	0.00E+00
CHILD	MILK ING	3.04E-05	1.38E-04	1.62E-04	1.62E-04	1.19E-04	0.00E+00
CHILD	TOTALS	5.44E-01	1.45E-02	1.42E-02	1.55E-02	1.45E-02	8.86E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.31E-01	1.12E-03	1.12E-05	5.94E-04	2.85E-04	8.85E+00
TEENAGE	GROUND	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04
TEENAGE	CLOUD	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
TEENAGE	VEG. ING	1.87E-04	2.75E-03	5.94E-04	5.94E-04	4.91E-04	0.00E+00
TEENAGE	MEAT ING	3.50E-05	5.14E-04	1.11E-04	1.11E-04	9.20E-05	0.00E+00
TEENAGE	MILK ING	3.24E-05	4.77E-04	1.03E-04	1.03E-04	8.54E-05	0.00E+00
TEENAGE	TOTALS	5.44E-01	1.81E-02	1.40E-02	1.46E-02	1.42E-02	8.86E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.31E-01	6.60E-04	9.32E-06	4.95E-04	2.38E-04	8.85E+00
ADULT	GROUND	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04	9.42E-04
ADULT	CLOUD	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02	1.23E-02
ADULT	VEG. ING	1.13E-04	1.31E-03	3.88E-04	3.88E-04	3.16E-04	0.00E+00
ADULT	MEAT ING	2.68E-05	3.09E-04	9.19E-05	9.19E-05	7.49E-05	0.00E+00
ADULT	MILK ING	7.51E-06	8.68E-05	2.58E-05	2.58E-05	2.10E-05	0.00E+00
ADULT	TOTALS	5.44E-01	1.56E-02	1.37E-02	1.42E-02	1.39E-02	8.86E+00



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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.40E+00	5.16E-04	4.79E-05	2.68E-03	1.04E-03	7.33E+01
INFANT	GROUND	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03
INFANT	CLOUD	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.68E-04	3.32E-04	6.16E-04	6.16E-04	5.44E-04	0.00E+00
INFANT	TOTALS	4.44E+00	3.87E-02	3.85E-02	4.12E-02	3.95E-02	7.34E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.40E+00	3.91E-04	2.24E-05	1.19E-03	4.90E-04	7.33E+01
CHILD	GROUND	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03
CHILD	CLOUD	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02
CHILD	VEG. ING	1.10E-04	5.00E-04	5.89E-04	5.89E-04	4.32E-04	0.00E+00
CHILD	MEAT ING	2.12E-05	9.60E-05	1.13E-04	1.13E-04	8.31E-05	0.00E+00
CHILD	MILK ING	2.70E-05	1.22E-04	1.44E-04	1.44E-04	1.06E-04	0.00E+00
CHILD	TOTALS	4.44E+00	3.90E-02	3.88E-02	3.99E-02	3.90E-02	7.34E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.40E+00	9.64E-04	9.58E-06	5.11E-04	2.45E-04	7.33E+01
TEENAGE	GROUND	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03
TEENAGE	CLOUD	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02
TEENAGE	VEG. ING	1.64E-04	2.41E-03	5.20E-04	5.20E-04	4.30E-04	0.00E+00
TEENAGE	MEAT ING	3.11E-05	4.57E-04	9.88E-05	9.88E-05	8.18E-05	0.00E+00
TEENAGE	MILK ING	2.88E-05	4.24E-04	9.17E-05	9.17E-05	7.59E-05	0.00E+00
TEENAGE	TOTALS	4.44E+00	4.21E-02	3.86E-02	3.91E-02	3.87E-02	7.34E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.40E+00	5.67E-04	7.98E-06	4.25E-04	2.04E-04	7.33E+01
ADULT	GROUND	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03	6.09E-03
ADULT	CLOUD	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02	3.18E-02
ADULT	VEG. ING	9.90E-05	1.14E-03	3.40E-04	3.40E-04	2.77E-04	0.00E+00
ADULT	MEAT ING	2.38E-05	2.75E-04	8.17E-05	8.17E-05	6.66E-05	0.00E+00
ADULT	MILK ING	6.68E-06	7.72E-05	2.29E-05	2.29E-05	1.87E-05	0.00E+00
ADULT	TOTALS	4.44E+00	3.99E-02	3.83E-02	3.88E-02	3.84E-02	7.34E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	7.50E-01	9.47E-05	8.79E-06	4.92E-04	1.91E-04	1.25E+01
INFANT	GROUND	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03
INFANT	CLOUD	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.85E-05	9.61E-05	1.78E-04	1.78E-04	1.57E-04	0.00E+00
INFANT	TOTALS	7.57E-01	6.84E-03	6.84E-03	7.32E-03	7.00E-03	1.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	7.50E-01	7.18E-05	4.10E-06	2.19E-04	8.99E-05	1.25E+01
CHILD	GROUND	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03
CHILD	CLOUD	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03
CHILD	VEG. ING	2.70E-05	1.23E-04	1.44E-04	1.44E-04	1.06E-04	0.00E+00
CHILD	MEAT ING	6.12E-06	2.77E-05	3.27E-05	3.27E-05	2.40E-05	0.00E+00
CHILD	MILK ING	7.80E-06	3.53E-05	4.16E-05	4.16E-05	3.06E-05	0.00E+00
CHILD	TOTALS	7.57E-01	6.91E-03	6.88E-03	7.09E-03	6.90E-03	1.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	7.50E-01	1.77E-04	1.76E-06	9.37E-05	4.50E-05	1.25E+01
TEENAGE	GROUND	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03
TEENAGE	CLOUD	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03
TEENAGE	VEG. ING	3.98E-05	5.86E-04	1.27E-04	1.27E-04	1.05E-04	0.00E+00
TEENAGE	MEAT ING	8.98E-06	1.32E-04	2.86E-05	2.86E-05	2.36E-05	0.00E+00
TEENAGE	MILK ING	8.34E-06	1.23E-04	2.65E-05	2.65E-05	2.19E-05	0.00E+00
TEENAGE	TOTALS	7.57E-01	7.67E-03	6.84E-03	6.93E-03	6.85E-03	1.25E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	7.50E-01	1.04E-04	1.46E-06	7.81E-05	3.75E-05	1.25E+01
ADULT	GROUND	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03	1.11E-03
ADULT	CLOUD	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03	5.54E-03
ADULT	VEG. ING	2.41E-05	2.79E-04	8.28E-05	8.28E-05	6.74E-05	0.00E+00
ADULT	MEAT ING	6.88E-06	7.95E-05	2.36E-05	2.36E-05	1.92E-05	0.00E+00
ADULT	MILK ING	1.93E-06	2.23E-05	6.63E-06	6.63E-06	5.40E-06	0.00E+00
ADULT	TOTALS	7.57E-01	7.14E-03	6.77E-03	6.84E-03	6.78E-03	1.25E+01

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.79E-01	1.73E-04	1.60E-05	8.96E-04	3.48E-04	7.99E+00
INFANT	GROUND	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04
INFANT	CLOUD	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	6.37E-05	1.26E-04	2.34E-04	2.34E-04	2.06E-04	0.00E+00
INFANT	TOTALS	4.88E-01	8.79E-03	8.74E-03	9.62E-03	9.04E-03	8.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.79E-01	1.31E-04	7.47E-06	3.98E-04	1.64E-04	7.99E+00
CHILD	GROUND	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04
CHILD	CLOUD	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03
CHILD	VEG. ING	3.98E-05	1.80E-04	2.12E-04	2.12E-04	1.56E-04	0.00E+00
CHILD	MEAT ING	8.04E-06	3.64E-05	4.29E-05	4.29E-05	3.15E-05	0.00E+00
CHILD	MILK ING	1.02E-05	4.64E-05	5.47E-05	5.47E-05	4.02E-05	0.00E+00
CHILD	TOTALS	4.88E-01	8.88E-03	8.81E-03	9.20E-03	8.88E-03	8.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.79E-01	3.22E-04	3.20E-06	1.71E-04	8.19E-05	7.99E+00
TEENAGE	GROUND	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04
TEENAGE	CLOUD	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03
TEENAGE	VEG. ING	5.89E-05	8.66E-04	1.87E-04	1.87E-04	1.55E-04	0.00E+00
TEENAGE	MEAT ING	1.18E-05	1.73E-04	3.75E-05	3.75E-05	3.10E-05	0.00E+00
TEENAGE	MILK ING	1.09E-05	1.61E-04	3.48E-05	3.48E-05	2.88E-05	0.00E+00
TEENAGE	TOTALS	4.88E-01	1.00E-02	8.75E-03	8.92E-03	8.79E-03	8.00E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.79E-01	1.90E-04	2.67E-06	1.42E-04	6.83E-05	7.99E+00
ADULT	GROUND	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04	7.90E-04
ADULT	CLOUD	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03	7.70E-03
ADULT	VEG. ING	3.56E-05	4.12E-04	1.22E-04	1.22E-04	9.97E-05	0.00E+00
ADULT	MEAT ING	9.03E-06	1.04E-04	3.10E-05	3.10E-05	2.53E-05	0.00E+00
ADULT	MILK ING	2.53E-06	2.93E-05	8.70E-06	8.70E-06	7.09E-06	0.00E+00
ADULT	TOTALS	4.88E-01	9.22E-03	8.65E-03	8.79E-03	8.69E-03	8.00E+00

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.26E-01	2.59E-04	2.40E-05	1.34E-03	5.22E-04	5.43E+00
INFANT	GROUND	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
INFANT	CLOUD	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.45E-05	1.67E-04	3.10E-04	3.10E-04	2.74E-04	0.00E+00
INFANT	TOTALS	3.34E-01	8.45E-03	8.36E-03	9.68E-03	8.82E-03	5.44E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.26E-01	1.96E-04	1.12E-05	5.97E-04	2.46E-04	5.43E+00
CHILD	GROUND	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
CHILD	CLOUD	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
CHILD	VEG. ING	5.54E-05	2.51E-04	2.96E-04	2.96E-04	2.17E-04	0.00E+00
CHILD	MEAT ING	1.07E-05	4.83E-05	5.69E-05	5.69E-05	4.18E-05	0.00E+00
CHILD	MILK ING	1.36E-05	6.15E-05	7.25E-05	7.25E-05	5.33E-05	0.00E+00
CHILD	TOTALS	3.34E-01	8.58E-03	8.46E-03	9.04E-03	8.58E-03	5.44E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.26E-01	4.83E-04	4.81E-06	2.56E-04	1.23E-04	5.43E+00
TEENAGE	GROUND	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
TEENAGE	CLOUD	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
TEENAGE	VEG. ING	8.22E-05	1.21E-03	2.61E-04	2.61E-04	2.16E-04	0.00E+00
TEENAGE	MEAT ING	1.56E-05	2.30E-04	4.97E-05	4.97E-05	4.12E-05	0.00E+00
TEENAGE	MILK ING	1.45E-05	2.13E-04	4.62E-05	4.62E-05	3.82E-05	0.00E+00
TEENAGE	TOTALS	3.34E-01	1.02E-02	8.38E-03	8.63E-03	8.44E-03	5.44E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.26E-01	2.84E-04	4.01E-06	2.13E-04	1.02E-04	5.43E+00
ADULT	GROUND	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
ADULT	CLOUD	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03	7.46E-03
ADULT	VEG. ING	4.97E-05	5.75E-04	1.71E-04	1.71E-04	1.39E-04	0.00E+00
ADULT	MEAT ING	1.20E-05	1.38E-04	4.11E-05	4.11E-05	3.35E-05	0.00E+00
ADULT	MILK ING	3.36E-06	3.88E-05	1.15E-05	1.15E-05	9.40E-06	0.00E+00
ADULT	TOTALS	3.34E-01	9.06E-03	8.25E-03	8.46E-03	8.31E-03	5.44E+00



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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.11E-02	3.51E-04	3.35E-05	1.82E-03	7.09E-04	5.16E-01
INFANT	GROUND	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05
INFANT	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.04E-04	2.06E-04	3.81E-04	3.81E-04	3.36E-04	0.00E+00
INFANT	TOTALS	3.33E-02	2.66E-03	2.51E-03	4.30E-03	3.14E-03	5.18E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.10E-02	2.66E-04	1.56E-05	8.10E-04	3.33E-04	5.16E-01
CHILD	GROUND	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05
CHILD	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
CHILD	VEG. ING	7.10E-05	3.22E-04	3.79E-04	3.79E-04	2.79E-04	0.00E+00
CHILD	MEAT ING	1.31E-05	5.94E-05	7.00E-05	7.00E-05	5.14E-05	0.00E+00
CHILD	MILK ING	1.67E-05	7.57E-05	8.92E-05	8.92E-05	6.55E-05	0.00E+00
CHILD	TOTALS	3.32E-02	2.82E-03	2.65E-03	3.45E-03	2.83E-03	5.18E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.10E-02	6.56E-04	6.69E-06	3.47E-04	1.67E-04	5.16E-01
TEENAGE	GROUND	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05
TEENAGE	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
TEENAGE	VEG. ING	1.06E-04	1.55E-03	3.36E-04	3.36E-04	2.78E-04	0.00E+00
TEENAGE	MEAT ING	1.92E-05	2.83E-04	6.12E-05	6.12E-05	5.06E-05	0.00E+00
TEENAGE	MILK ING	1.79E-05	2.63E-04	5.68E-05	5.68E-05	4.70E-05	0.00E+00
TEENAGE	TOTALS	3.32E-02	4.85E-03	2.56E-03	2.90E-03	2.64E-03	5.18E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.10E-02	3.86E-04	5.58E-06	2.89E-04	1.39E-04	5.16E-01
ADULT	GROUND	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05	6.18E-05
ADULT	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
ADULT	VEG. ING	6.39E-05	7.38E-04	2.19E-04	2.19E-04	1.79E-04	0.00E+00
ADULT	MEAT ING	1.47E-05	1.70E-04	5.06E-05	5.06E-05	4.12E-05	0.00E+00
ADULT	MILK ING	4.13E-06	4.78E-05	1.42E-05	1.42E-05	1.16E-05	0.00E+00
ADULT	TOTALS	3.32E-02	3.44E-03	2.39E-03	2.67E-03	2.47E-03	5.18E-01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.56E-03	1.39E-04	1.35E-05	7.23E-04	2.81E-04	9.20E-02
INFANT	GROUND	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05
INFANT	CLOUD	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.24E-05	8.41E-05	1.56E-04	1.56E-04	1.37E-04	0.00E+00
INFANT	TOTALS	6.21E-03	8.26E-04	7.72E-04	1.48E-03	1.02E-03	9.26E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.54E-03	1.06E-04	6.28E-06	3.22E-04	1.32E-04	9.20E-02
CHILD	GROUND	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05
CHILD	CLOUD	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04
CHILD	VEG. ING	2.87E-05	1.30E-04	1.53E-04	1.53E-04	1.12E-04	0.00E+00
CHILD	MEAT ING	5.36E-06	2.43E-05	2.86E-05	2.86E-05	2.10E-05	0.00E+00
CHILD	MILK ING	6.83E-06	3.09E-05	3.64E-05	3.64E-05	2.68E-05	0.00E+00
CHILD	TOTALS	6.18E-03	8.94E-04	8.27E-04	1.14E-03	8.96E-04	9.26E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.54E-03	2.60E-04	2.69E-06	1.38E-04	6.62E-05	9.20E-02
TEENAGE	GROUND	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05
TEENAGE	CLOUD	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04
TEENAGE	VEG. ING	4.26E-05	6.26E-04	1.35E-04	1.35E-04	1.12E-04	0.00E+00
TEENAGE	MEAT ING	7.86E-06	1.16E-04	2.50E-05	2.50E-05	2.07E-05	0.00E+00
TEENAGE	MILK ING	7.29E-06	1.07E-04	2.32E-05	2.32E-05	1.92E-05	0.00E+00
TEENAGE	TOTALS	6.20E-03	1.71E-03	7.89E-04	9.24E-04	8.21E-04	9.26E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.54E-03	1.53E-04	2.24E-06	1.15E-04	5.52E-05	9.20E-02
ADULT	GROUND	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05	1.19E-05
ADULT	CLOUD	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04	5.91E-04
ADULT	VEG. ING	2.58E-05	2.98E-04	8.85E-05	8.85E-05	7.21E-05	0.00E+00
ADULT	MEAT ING	6.02E-06	6.95E-05	2.07E-05	2.07E-05	1.68E-05	0.00E+00
ADULT	MILK ING	1.69E-06	1.95E-05	5.80E-06	5.80E-06	4.72E-06	0.00E+00
ADULT	TOTALS	6.17E-03	1.14E-03	7.20E-04	8.33E-04	7.52E-04	9.26E-02

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

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 306  
 METSET: Casper, Wyoming    DATA: c:\m197\asa.dat    01/20/97  
 TIME STEP NUMBER 6, After 12.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	6.81E-03	7.32E-04	7.32E-05	3.80E-03	1.48E-03	1.09E-01
INFANT	GROUND	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05
INFANT	CLOUD	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.13E-04	4.22E-04	7.82E-04	7.82E-04	6.89E-04	0.00E+00
INFANT	TOTALS	7.93E-03	2.07E-03	1.77E-03	5.50E-03	3.08E-03	1.10E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	6.69E-03	5.55E-04	3.41E-05	1.69E-03	6.96E-04	1.09E-01
CHILD	GROUND	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05
CHILD	CLOUD	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04
CHILD	VEG. ING	1.47E-04	6.65E-04	7.83E-04	7.83E-04	5.75E-04	0.00E+00
CHILD	MEAT ING	2.69E-05	1.22E-04	1.43E-04	1.43E-04	1.05E-04	0.00E+00
CHILD	MILK ING	3.42E-05	1.55E-04	1.83E-04	1.83E-04	1.34E-04	0.00E+00
CHILD	TOTALS	7.81E-03	2.41E-03	2.06E-03	3.71E-03	2.43E-03	1.10E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	6.69E-03	1.37E-03	1.46E-05	7.24E-04	3.48E-04	1.09E-01
TEENAGE	GROUND	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05
TEENAGE	CLOUD	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04
TEENAGE	VEG. ING	2.18E-04	3.21E-03	6.94E-04	6.94E-04	5.74E-04	0.00E+00
TEENAGE	MEAT ING	3.94E-05	5.80E-04	1.25E-04	1.25E-04	1.04E-04	0.00E+00
TEENAGE	MILK ING	3.66E-05	5.38E-04	1.16E-04	1.16E-04	9.63E-05	0.00E+00
TEENAGE	TOTALS	7.90E-03	6.61E-03	1.87E-03	2.57E-03	2.04E-03	1.10E-01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	6.67E-03	8.05E-04	1.22E-05	6.04E-04	2.90E-04	1.09E-01
ADULT	GROUND	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05	1.90E-05
ADULT	CLOUD	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04	8.96E-04
ADULT	VEG. ING	1.32E-04	1.53E-03	4.53E-04	4.53E-04	3.69E-04	0.00E+00
ADULT	MEAT ING	3.02E-05	3.49E-04	1.04E-04	1.04E-04	8.45E-05	0.00E+00
ADULT	MILK ING	8.47E-06	9.79E-05	2.91E-05	2.91E-05	2.37E-05	0.00E+00
ADULT	TOTALS	7.75E-03	3.69E-03	1.51E-03	2.10E-03	1.68E-03	1.10E-01

TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCIM3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.620E+00	2.292E+00	6.545E-01	2.276E-01	1.633E-07	6.528E-06
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.139E+00	1.083E+00	4.382E-01	2.091E-01	2.738E-07	4.118E-06
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.749E-01	6.604E-01	3.282E-01	1.832E-01	3.564E-07	3.028E-06
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.612E-01	4.564E-01	2.603E-01	1.595E-01	4.145E-07	2.385E-06
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.170E-01	2.168E-01	1.563E-01	1.114E-01	5.010E-07	1.431E-06
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.063E-02	8.067E-02	7.207E-02	6.180E-02	5.393E-07	6.790E-07
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.962E-02	3.964E-02	3.831E-02	3.618E-02	5.303E-07	3.700E-07
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.486E-02	2.487E-02	2.460E-02	2.403E-02	5.086E-07	2.400E-07
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.753E-02	1.755E-02	1.751E-02	1.734E-02	4.860E-07	1.715E-07
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.328E-02	1.329E-02	1.331E-02	1.327E-02	4.654E-07	1.306E-07
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.052E-02	1.053E-02	1.056E-02	1.056E-02	4.467E-07	1.038E-07
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.604E-03	8.609E-03	8.646E-03	8.660E-03	4.298E-07	8.501E-08

GROUND SURFACE CONCENTRATIONS, PCIM2

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	1.816E+00	1.816E+00	1.816E+00	2.358E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.581E-01	8.581E-01	8.581E-01	3.179E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.231E-01	5.231E-01	5.231E-01	3.884E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.615E-01	3.615E-01	3.615E-01	4.414E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-01	1.717E-01	1.717E-01	5.246E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.390E-02	6.390E-02	6.390E-02	5.302E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.140E-02	3.140E-02	3.140E-02	4.854E+00
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.970E-02	1.970E-02	1.970E-02	4.475E+00
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.390E-02	1.390E-02	1.390E-02	4.173E+00
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.052E-02	1.052E-02	1.052E-02	3.927E+00
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.337E-03	8.337E-03	8.337E-03	3.720E+00
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.819E-03	6.819E-03	6.819E-03	3.544E+00

TOTAL DEPOSITION RATES, PCIM2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	4.898E-10
2.5	0.000E+00	0.000E+00	0.000E+00	8.213E-10
3.5	0.000E+00	0.000E+00	0.000E+00	1.069E-09
4.5	0.000E+00	0.000E+00	0.000E+00	1.243E-09
7.5	0.000E+00	0.000E+00	0.000E+00	1.503E-09
15.0	0.000E+00	0.000E+00	0.000E+00	1.618E-09
25.0	0.000E+00	0.000E+00	0.000E+00	1.591E-09
35.0	0.000E+00	0.000E+00	0.000E+00	1.526E-09
45.0	0.000E+00	0.000E+00	0.000E+00	1.458E-09
55.0	0.000E+00	0.000E+00	0.000E+00	1.396E-09
65.0	0.000E+00	0.000E+00	0.000E+00	1.340E-09
75.0	0.000E+00	0.000E+00	0.000E+00	1.289E-09

TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.644E+01	2.210E+01	5.694E+00	1.922E+00	1.372E-06	5.881E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.165E+01	1.081E+01	3.939E+00	1.811E+00	2.351E-06	3.787E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.957E+00	6.717E+00	3.017E+00	1.613E+00	3.099E-06	2.823E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.780E+00	4.695E+00	2.435E+00	1.423E+00	3.634E-06	2.249E-05
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E+00	2.266E+00	1.515E+00	1.025E+00	4.458E-06	1.384E-05
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.528E-01	8.532E-01	7.309E-01	6.002E-01	4.877E-06	6.823E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.197E-01	4.199E-01	3.977E-01	3.656E-01	4.814E-06	3.813E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.636E-01	2.638E-01	2.583E-01	2.485E-01	4.635E-06	2.508E-06
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.862E-01	1.863E-01	1.849E-01	1.816E-01	4.442E-06	1.807E-06
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.410E-01	1.411E-01	1.410E-01	1.398E-01	4.261E-06	1.381E-06
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.118E-01	1.118E-01	1.120E-01	1.117E-01	4.095E-06	1.100E-06
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.149E-02	9.155E-02	9.185E-02	9.183E-02	3.943E-06	9.025E-07

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.751E+01	1.751E+01	1.751E+01	8.447E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.565E+00	8.565E+00	8.565E+00	1.341E+01
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.321E+00	5.321E+00	5.321E+00	1.762E+01
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.719E+00	3.719E+00	3.719E+00	2.113E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.795E+00	1.795E+00	1.795E+00	2.755E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.758E-01	6.758E-01	6.758E-01	3.278E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.326E-01	3.326E-01	3.326E-01	3.402E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.089E-01	2.089E-01	2.089E-01	3.366E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-01	1.475E-01	1.475E-01	3.284E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.118E-01	1.118E-01	1.118E-01	3.191E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.859E-02	8.859E-02	8.859E-02	3.097E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.251E-02	7.251E-02	7.251E-02	3.007E+01

TOTAL DEPOSITION RATES, PCI/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	4.115E-09
2.5	0.000E+00	0.000E+00	0.000E+00	7.054E-09
3.5	0.000E+00	0.000E+00	0.000E+00	9.296E-09
4.5	0.000E+00	0.000E+00	0.000E+00	1.090E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.338E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.463E-08
25.0	0.000E+00	0.000E+00	0.000E+00	1.444E-08
35.0	0.000E+00	0.000E+00	0.000E+00	1.391E-08
45.0	0.000E+00	0.000E+00	0.000E+00	1.333E-08
55.0	0.000E+00	0.000E+00	0.000E+00	1.278E-08
65.0	0.000E+00	0.000E+00	0.000E+00	1.228E-08
75.0	0.000E+00	0.000E+00	0.000E+00	1.183E-08



TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	WL
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.487E+00	7.350E+00	2.070E+00	7.208E-01	5.182E-07	2.075E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.729E+00	3.528E+00	1.402E+00	6.691E-01	8.787E-07	1.324E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.223E+00	2.169E+00	1.057E+00	5.881E-01	1.148E-06	9.785E-06
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.525E+00	1.506E+00	8.421E-01	5.129E-01	1.337E-06	7.734E-06
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.220E-01	7.209E-01	5.103E-01	3.597E-01	1.617E-06	4.671E-06
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.694E-01	2.696E-01	2.381E-01	2.017E-01	1.734E-06	2.237E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.320E-01	1.321E-01	1.270E-01	1.190E-01	1.689E-06	1.223E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.266E-02	8.271E-02	8.160E-02	7.936E-02	1.612E-06	7.949E-07
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.822E-02	5.826E-02	5.805E-02	5.735E-02	1.535E-06	5.683E-07
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.399E-02	4.401E-02	4.405E-02	4.385E-02	1.466E-06	4.322E-07
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.478E-02	3.480E-02	3.491E-02	3.488E-02	1.403E-06	3.429E-07
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.841E-02	2.842E-02	2.854E-02	2.857E-02	1.347E-06	2.805E-07

GROUND SURFACE CONCENTRATIONS, PCI/M2

XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.821E+00	5.821E+00	5.821E+00	4.809E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.794E+00	2.794E+00	2.794E+00	7.478E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.718E+00	1.718E+00	1.718E+00	9.690E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.193E+00	1.193E+00	1.193E+00	1.023E+01
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.710E-01	5.710E-01	5.710E-01	1.111E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.135E-01	2.135E-01	2.135E-01	1.423E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.046E-01	1.046E-01	1.046E-01	1.396E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.551E-02	6.551E-02	6.551E-02	1.316E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.614E-02	4.614E-02	4.614E-02	1.245E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.486E-02	3.486E-02	3.486E-02	1.184E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.757E-02	2.757E-02	2.757E-02	1.131E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.251E-02	2.251E-02	2.251E-02	1.085E+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	1.555E-09
2.5	0.000E+00	0.000E+00	0.000E+00	2.636E-09
3.5	0.000E+00	0.000E+00	0.000E+00	3.444E-09
4.5	0.000E+00	0.000E+00	0.000E+00	4.012E-09
7.5	0.000E+00	0.000E+00	0.000E+00	4.851E-09
15.0	0.000E+00	0.000E+00	0.000E+00	5.201E-09
25.0	0.000E+00	0.000E+00	0.000E+00	5.067E-09
35.0	0.000E+00	0.000E+00	0.000E+00	4.836E-09
45.0	0.000E+00	0.000E+00	0.000E+00	4.605E-09
55.0	0.000E+00	0.000E+00	0.000E+00	4.397E-09
65.0	0.000E+00	0.000E+00	0.000E+00	4.209E-09
75.0	0.000E+00	0.000E+00	0.000E+00	4.041E-09

TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0 DEGREES

TOTAL AIR CONCENTRATIONS, PC/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	1.091E+01	9.048E+00	2.322E+00	7.946E-01	5.718E-07	2.406E-05
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.776E+00	4.420E+00	1.589E+00	7.388E-01	9.713E-07	1.536E-05
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.838E+00	2.738E+00	1.208E+00	6.507E-01	1.271E-06	1.137E-05
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.942E+00	1.908E+00	9.705E-01	5.687E-01	1.482E-06	9.007E-06
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.152E-01	9.131E-01	5.991E-01	4.022E-01	1.795E-06	5.478E-06
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.393E-01	3.395E-01	2.875E-01	2.326E-01	1.927E-06	2.675E-06
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.657E-01	1.658E-01	1.563E-01	1.423E-01	1.884E-06	1.494E-06
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.036E-01	1.036E-01	1.014E-01	9.701E-02	1.806E-06	9.824E-07
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.288E-02	7.293E-02	7.238E-02	7.093E-02	1.725E-06	7.067E-07
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.506E-02	5.510E-02	5.505E-02	5.457E-02	1.652E-06	5.394E-07
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.355E-02	4.357E-02	4.367E-02	4.354E-02	1.585E-06	4.287E-07
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.558E-02	3.560E-02	3.573E-02	3.574E-02	1.524E-06	3.511E-07

GROUND SURFACE CONCENTRATIONS, PC/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	7.166E+00	7.166E+00	7.166E+00	3.901E+00
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.501E+00	3.501E+00	3.501E+00	5.778E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.169E+00	2.169E+00	2.169E+00	7.460E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.511E+00	1.511E+00	1.511E+00	8.423E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.232E-01	7.232E-01	7.232E-01	1.038E+01
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.689E-01	2.689E-01	2.689E-01	1.169E+01
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.313E-01	1.313E-01	1.313E-01	1.281E+01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.208E-02	8.208E-02	8.208E-02	1.291E+01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.776E-02	5.776E-02	5.776E-02	1.271E+01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.364E-02	4.364E-02	4.364E-02	1.240E+01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.451E-02	3.451E-02	3.451E-02	1.207E+01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.819E-02	2.819E-02	2.819E-02	1.174E+01

TOTAL DEPOSITION RATES, PC/M2-SEC

XRHO, KM	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.715E-09
2.5	0.000E+00	0.000E+00	0.000E+00	2.914E-09
3.5	0.000E+00	0.000E+00	0.000E+00	3.813E-09
4.5	0.000E+00	0.000E+00	0.000E+00	4.446E-09
7.5	0.000E+00	0.000E+00	0.000E+00	5.385E-09
15.0	0.000E+00	0.000E+00	0.000E+00	5.782E-09
25.0	0.000E+00	0.000E+00	0.000E+00	5.653E-09
35.0	0.000E+00	0.000E+00	0.000E+00	5.417E-09
45.0	0.000E+00	0.000E+00	0.000E+00	5.176E-09
55.0	0.000E+00	0.000E+00	0.000E+00	4.955E-09
65.0	0.000E+00	0.000E+00	0.000E+00	4.754E-09
75.0	0.000E+00	0.000E+00	0.000E+00	4.571E-09

TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 7--DOSES SHOWN ARE ANNUAL POPULATION DOSE COMMITMENTS, PERSON-REM PER YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.149E-03	9.305E-03	1.515E-04	6.979E-03	3.356E-03	4.774E-01
GROUND	2.810E-04	2.810E-04	2.810E-04	2.810E-04	2.810E-04	2.810E-04
CLOUD	4.167E-03	4.167E-03	4.167E-03	4.167E-03	4.167E-03	4.167E-03
VEG. ING	1.280E-02	1.397E-01	1.280E-02	4.873E-02	3.856E-02	1.280E-02
MEAT ING	1.014E-03	1.148E-02	1.014E-03	3.707E-03	2.966E-03	1.014E-03
MILK ING	5.041E-04	4.761E-03	5.041E-04	1.944E-03	1.555E-03	5.041E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	1.992E-02	1.697E-01	1.892E-02	6.581E-02	5.089E-02	4.962E-01

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	2.579E-01	2.815E+00	2.579E-01	9.817E-01	7.768E-01	2.579E-01
MEAT ING	5.370E-03	6.075E-02	5.370E-03	1.963E-02	1.570E-02	5.370E-03
MILK ING	1.020E-04	9.634E-04	1.020E-04	3.933E-04	3.147E-04	1.020E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.634E-01	2.877E+00	2.634E-01	1.002E+00	7.928E-01	2.634E-01

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INHAL.	1.149E-03	9.305E-03	1.515E-04	6.979E-03	3.356E-03	4.774E-01
GROUND	2.810E-04	2.810E-04	2.810E-04	2.810E-04	2.810E-04	2.810E-04
CLOUD	4.167E-03	4.167E-03	4.167E-03	4.167E-03	4.167E-03	4.167E-03
VEG. ING	2.707E-01	2.955E+00	2.707E-01	1.030E+00	8.154E-01	2.707E-01
MEAT ING	6.384E-03	7.223E-02	6.384E-03	2.333E-02	1.866E-02	6.384E-03
MILK ING	6.061E-04	5.725E-03	6.061E-04	2.337E-03	1.870E-03	6.061E-04
RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
TOTALS	2.833E-01	3.046E+00	2.823E-01	1.068E+00	8.437E-01	7.595E-01

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PC/M3    GROUND CONCENTRATIONS, PC/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
1	CAROL SHOP	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
1	CAROL SHOP	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
2	N PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
3	NNE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
4	NE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
5	ENE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
6	E PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7	ESE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
8	SE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PC/M3 GROUND CONCENTRATIONS, PC/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
9	SSE PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
9	SSE PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
10	S PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
11	SSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
12	SW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
13	WSW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
14	W PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
15	WNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
16	NW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PCI/M3    GROUND CONCENTRATIONS, PCI/M2

NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230	Ra-226	Pb-210
17	NNW PERM BNDRY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
17	NNW PERM BNDRY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
18	NEAREST RES & DWND	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
19	WALTMAN	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
20	JEFFERY CITY	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

INDIVIDUAL RECEPTOR RADON AND RADON DAUGHTER CONCENTRATIONS  
 AIRBORNE CONCENTRATIONS, PCI/M3    GROUND CONCENTRATIONS, PCI/M2

NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218	Pb-214	Bi-214	Pb-210
1	6.872E+04	1.109E+03	2.021E+00	4.893E-03	1.720E-11	7.597E-15	2.237E-15	1.153E-03	8.785E+02	8.785E+02	8.785E+02	1.848E+00
2	1.146E+00	1.090E+00	4.397E-01	2.094E-01	2.728E-07	4.338E-10	1.947E-14	4.133E-06	8.632E-01	8.632E-01	8.632E-01	3.171E+00
3	7.296E+00	5.992E+00	1.522E+00	6.477E-01	9.133E-07	1.600E-09	7.881E-14	1.630E-05	4.746E+00	4.746E+00	4.746E+00	6.791E+00
4	4.416E+00	3.957E+00	1.066E+00	4.079E-01	6.717E-07	1.577E-09	1.056E-13	1.100E-05	3.134E+00	3.134E+00	3.134E+00	7.674E+00
5	7.872E+00	7.205E+00	2.232E+00	9.425E-01	1.299E-06	2.298E-09	1.151E-13	2.225E-05	5.706E+00	5.706E+00	5.706E+00	1.102E+01
6	1.116E+01	1.040E+01	3.857E+00	1.799E+00	2.412E-06	3.977E-09	1.850E-13	3.698E-05	8.238E+00	8.238E+00	8.238E+00	1.721E+01
7	2.904E+00	2.809E+00	1.319E+00	6.992E-01	1.071E-06	1.965E-09	1.010E-13	1.219E-05	2.225E+00	2.225E+00	2.225E+00	1.265E+01
8	2.018E+00	1.966E+00	8.693E-01	4.339E-01	7.068E-07	1.459E-09	8.505E-14	8.051E-06	1.557E+00	1.557E+00	1.557E+00	1.110E+01
9	5.952E+00	5.714E+00	2.388E+00	1.151E+00	1.521E-06	2.452E-09	1.115E-13	2.229E-05	4.526E+00	4.526E+00	4.526E+00	1.301E+01
10	4.137E+00	3.881E+00	1.479E+00	6.811E-01	8.271E-07	1.225E-09	5.124E-14	1.403E-05	3.074E+00	3.074E+00	3.074E+00	9.017E+00
11	5.727E+00	5.405E+00	2.093E+00	1.004E+00	1.535E-06	2.940E-09	1.588E-13	1.993E-05	4.281E+00	4.281E+00	4.281E+00	1.175E+01
12	5.764E-01	5.756E-01	3.922E-01	2.626E-01	1.091E-06	6.527E-09	1.098E-12	3.561E-06	4.559E-01	4.559E-01	4.559E-01	9.170E+00
13	2.608E+00	2.434E+00	8.307E-01	3.517E-01	4.108E-07	6.053E-10	2.539E-14	8.031E-06	1.928E+00	1.928E+00	1.928E+00	3.418E+00
14	2.162E+01	1.585E+01	3.066E+00	7.765E-01	3.528E-07	2.000E-10	3.291E-15	3.477E-05	1.255E+01	1.255E+01	1.255E+01	3.220E+00
15	3.687E+00	2.885E+00	5.430E-01	1.341E-01	6.473E-08	4.009E-11	7.247E-16	6.226E-06	2.285E+00	2.285E+00	2.285E+00	1.469E+00
16	2.355E+00	2.050E+00	6.273E-01	2.054E-01	1.179E-07	8.186E-11	1.632E-15	6.058E-06	1.624E+00	1.624E+00	1.624E+00	1.452E+00
17	1.600E+00	1.457E+00	5.199E-01	2.119E-01	1.769E-07	1.767E-10	5.017E-15	4.927E-06	1.154E+00	1.154E+00	1.154E+00	1.630E+00
18	1.520E-01	1.520E-01	1.030E-01	6.356E-02	2.399E-07	2.831E-09	1.208E-12	9.159E-07	1.204E-01	1.204E-01	1.204E-01	1.682E+00
19	2.711E-02	2.713E-02	2.381E-02	1.932E-02	9.523E-08	1.597E-09	1.397E-12	2.207E-07	2.149E-02	2.149E-02	2.149E-02	7.272E-01
20	3.227E-02	3.229E-02	3.148E-02	2.997E-02	5.006E-07	1.525E-08	1.529E-11	3.046E-07	2.557E-02	2.557E-02	2.557E-02	3.316E+00

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

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREMYR

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



REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 317  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.15E+03	9.27E-09	8.76E-10	4.81E-08	1.87E-08	8.59E+04
INFANT	GROUND	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01
INFANT	CLOUD	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.40E-05	6.74E-05	1.25E-04	1.25E-04	1.10E-04	0.00E+00
INFANT	TOTALS	5.15E+03	3.21E-01	3.21E-01	3.21E-01	3.21E-01	8.59E+04

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.15E+03	7.03E-09	4.06E-10	2.14E-08	8.81E-09	8.59E+04
CHILD	GROUND	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01
CHILD	CLOUD	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
CHILD	VEG. ING	1.31E-05	5.94E-05	6.99E-05	6.99E-05	5.14E-05	0.00E+00
CHILD	MEAT ING	4.30E-06	1.95E-05	2.29E-05	2.29E-05	1.69E-05	0.00E+00
CHILD	MILK ING	5.47E-06	2.48E-05	2.92E-05	2.92E-05	2.15E-05	0.00E+00
CHILD	TOTALS	5.15E+03	3.21E-01	3.21E-01	3.21E-01	3.21E-01	8.59E+04

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.15E+03	1.73E-08	1.74E-10	9.17E-09	4.40E-09	8.59E+04
TEENAGE	GROUND	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01
TEENAGE	CLOUD	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
TEENAGE	VEG. ING	1.88E-05	2.77E-04	5.99E-05	5.99E-05	4.96E-05	0.00E+00
TEENAGE	MEAT ING	6.30E-06	9.27E-05	2.00E-05	2.00E-05	1.66E-05	0.00E+00
TEENAGE	MILK ING	5.85E-06	8.60E-05	1.86E-05	1.86E-05	1.54E-05	0.00E+00
TEENAGE	TOTALS	5.15E+03	3.21E-01	3.21E-01	3.21E-01	3.21E-01	8.59E+04

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.15E+03	1.02E-08	1.45E-10	7.64E-09	3.67E-09	8.59E+04
ADULT	GROUND	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01	1.57E-01
ADULT	CLOUD	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01	1.64E-01
ADULT	VEG. ING	1.14E-05	1.32E-04	3.92E-05	3.92E-05	3.20E-05	0.00E+00
ADULT	MEAT ING	4.83E-06	5.58E-05	1.66E-05	1.66E-05	1.35E-05	0.00E+00
ADULT	MILK ING	1.35E-06	1.56E-05	4.65E-06	4.65E-06	3.79E-06	0.00E+00
ADULT	TOTALS	5.15E+03	3.21E-01	3.21E-01	3.21E-01	3.21E-01	8.59E+04

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

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 319  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.60E-02	1.47E-04	1.37E-05	7.64E-04	2.97E-04	1.43E+00
INFANT	GROUND	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04
INFANT	CLOUD	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	8.81E-05	1.75E-04	3.24E-04	3.24E-04	2.85E-04	0.00E+00
INFANT	TOTALS	8.89E-02	3.09E-03	3.11E-03	3.86E-03	3.36E-03	1.44E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.60E-02	1.12E-04	6.38E-06	3.39E-04	1.40E-04	1.43E+00
CHILD	GROUND	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04
CHILD	CLOUD	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
CHILD	VEG. ING	4.69E-05	2.13E-04	2.51E-04	2.51E-04	1.84E-04	0.00E+00
CHILD	MEAT ING	1.11E-05	5.04E-05	5.94E-05	5.94E-05	4.36E-05	0.00E+00
CHILD	MILK ING	1.42E-05	6.42E-05	7.56E-05	7.56E-05	5.56E-05	0.00E+00
CHILD	TOTALS	8.88E-02	3.21E-03	3.17E-03	3.50E-03	3.20E-03	1.44E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.60E-02	2.75E-04	2.74E-06	1.45E-04	6.98E-05	1.43E+00
TEENAGE	GROUND	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04
TEENAGE	CLOUD	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
TEENAGE	VEG. ING	6.89E-05	1.01E-03	2.19E-04	2.19E-04	1.81E-04	0.00E+00
TEENAGE	MEAT ING	1.63E-05	2.40E-04	5.19E-05	5.19E-05	4.29E-05	0.00E+00
TEENAGE	MILK ING	1.51E-05	2.23E-04	4.82E-05	4.82E-05	3.98E-05	0.00E+00
TEENAGE	TOTALS	8.88E-02	4.52E-03	3.10E-03	3.24E-03	3.11E-03	1.44E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.60E-02	1.62E-04	2.28E-06	1.21E-04	5.82E-05	1.43E+00
ADULT	GROUND	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04	1.60E-04
ADULT	CLOUD	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03	2.61E-03
ADULT	VEG. ING	4.17E-05	4.82E-04	1.43E-04	1.43E-04	1.17E-04	0.00E+00
ADULT	MEAT ING	1.25E-05	1.44E-04	4.29E-05	4.29E-05	3.50E-05	0.00E+00
ADULT	MILK ING	3.51E-06	4.05E-05	1.20E-05	1.20E-05	9.81E-06	0.00E+00
ADULT	TOTALS	8.88E-02	3.60E-03	2.97E-03	3.09E-03	2.99E-03	1.44E+00

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

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 321  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.47E-01	4.92E-04	4.58E-05	2.56E-03	9.94E-04	9.12E+00
INFANT	GROUND	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04
INFANT	CLOUD	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.25E-04	4.45E-04	8.24E-04	8.24E-04	7.27E-04	0.00E+00
INFANT	TOTALS	5.57E-01	1.01E-02	1.00E-02	1.26E-02	1.09E-02	9.13E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.47E-01	3.73E-04	2.14E-05	1.14E-03	4.68E-04	9.12E+00
CHILD	GROUND	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04
CHILD	CLOUD	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03
CHILD	VEG. ING	1.30E-04	5.89E-04	6.94E-04	6.94E-04	5.10E-04	0.00E+00
CHILD	MEAT ING	2.83E-05	1.28E-04	1.51E-04	1.51E-04	1.11E-04	0.00E+00
CHILD	MILK ING	3.61E-05	1.64E-04	1.93E-04	1.93E-04	1.42E-04	0.00E+00
CHILD	TOTALS	5.57E-01	1.04E-02	1.02E-02	1.14E-02	1.04E-02	9.13E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.47E-01	9.20E-04	9.16E-06	4.87E-04	2.34E-04	9.12E+00
TEENAGE	GROUND	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04
TEENAGE	CLOUD	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03
TEENAGE	VEG. ING	1.92E-04	2.82E-03	6.10E-04	6.10E-04	5.05E-04	0.00E+00
TEENAGE	MEAT ING	4.16E-05	6.12E-04	1.32E-04	1.32E-04	1.09E-04	0.00E+00
TEENAGE	MILK ING	3.86E-05	5.68E-04	1.23E-04	1.23E-04	1.02E-04	0.00E+00
TEENAGE	TOTALS	5.57E-01	1.41E-02	1.00E-02	1.05E-02	1.01E-02	9.13E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.47E-01	5.41E-04	7.64E-06	4.06E-04	1.95E-04	9.12E+00
ADULT	GROUND	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04	8.61E-04
ADULT	CLOUD	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03	8.32E-03
ADULT	VEG. ING	1.16E-04	1.34E-03	3.99E-04	3.99E-04	3.25E-04	0.00E+00
ADULT	MEAT ING	3.18E-05	3.68E-04	1.09E-04	1.09E-04	8.91E-05	0.00E+00
ADULT	MILK ING	8.93E-06	1.03E-04	3.07E-05	3.07E-05	2.50E-05	0.00E+00
ADULT	TOTALS	5.57E-01	1.15E-02	9.72E-03	1.01E-02	9.81E-03	9.13E+00

NUMBER 4 NAME=NE PERM BNDRY X= 2.5KM, Y= 2.5KM, Z= 64.0M, DIST= 3.5KM, IRTYPE=10  
 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREMP/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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.31E-01	3.62E-04	3.38E-05	1.88E-03	7.31E-04	5.52E+00
INFANT	GROUND	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04
INFANT	CLOUD	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.14E-04	4.25E-04	7.88E-04	7.88E-04	6.95E-04	0.00E+00
INFANT	TOTALS	3.38E-01	6.75E-03	6.78E-03	8.63E-03	7.39E-03	5.53E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.31E-01	2.75E-04	1.58E-05	8.36E-04	3.44E-04	5.52E+00
CHILD	GROUND	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04
CHILD	CLOUD	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03
CHILD	VEG. ING	1.15E-04	5.19E-04	6.12E-04	6.12E-04	4.49E-04	0.00E+00
CHILD	MEAT ING	2.71E-05	1.23E-04	1.45E-04	1.45E-04	1.06E-04	0.00E+00
CHILD	MILK ING	3.45E-05	1.56E-04	1.84E-04	1.84E-04	1.35E-04	0.00E+00
CHILD	TOTALS	3.37E-01	7.03E-03	6.92E-03	7.74E-03	6.99E-03	5.53E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.31E-01	6.77E-04	6.75E-06	3.58E-04	1.72E-04	5.52E+00
TEENAGE	GROUND	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04
TEENAGE	CLOUD	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03
TEENAGE	VEG. ING	1.68E-04	2.48E-03	5.35E-04	5.35E-04	4.43E-04	0.00E+00
TEENAGE	MEAT ING	3.97E-05	5.84E-04	1.26E-04	1.26E-04	1.05E-04	0.00E+00
TEENAGE	MILK ING	3.69E-05	5.42E-04	1.17E-04	1.17E-04	9.70E-05	0.00E+00
TEENAGE	TOTALS	3.37E-01	1.02E-02	6.75E-03	7.10E-03	6.78E-03	5.53E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.31E-01	3.98E-04	5.63E-06	2.98E-04	1.43E-04	5.52E+00
ADULT	GROUND	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04	5.74E-04
ADULT	CLOUD	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03	5.39E-03
ADULT	VEG. ING	1.02E-04	1.18E-03	3.50E-04	3.50E-04	2.85E-04	0.00E+00
ADULT	MEAT ING	3.04E-05	3.51E-04	1.04E-04	1.04E-04	8.51E-05	0.00E+00
ADULT	MILK ING	8.53E-06	9.86E-05	2.93E-05	2.93E-05	2.39E-05	0.00E+00
ADULT	TOTALS	3.37E-01	7.99E-03	6.45E-03	6.74E-03	6.50E-03	5.53E+00

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	5.91E-01	7.00E-04	6.52E-05	3.64E-03	1.41E-03	9.84E+00
INFANT	GROUND	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03
INFANT	CLOUD	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.44E-04	6.82E-04	1.26E-03	1.26E-03	1.12E-03	0.00E+00
INFANT	TOTALS	6.04E-01	1.45E-02	1.45E-02	1.81E-02	1.57E-02	9.85E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	5.90E-01	5.31E-04	3.04E-05	1.62E-03	6.65E-04	9.84E+00
CHILD	GROUND	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03
CHILD	CLOUD	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02
CHILD	VEG. ING	1.95E-04	8.81E-04	1.04E-03	1.04E-03	7.63E-04	0.00E+00
CHILD	MEAT ING	4.35E-05	1.97E-04	2.32E-04	2.32E-04	1.71E-04	0.00E+00
CHILD	MILK ING	5.54E-05	2.51E-04	2.96E-04	2.96E-04	2.17E-04	0.00E+00
CHILD	TOTALS	6.04E-01	1.50E-02	1.48E-02	1.63E-02	1.50E-02	9.85E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	5.90E-01	1.31E-03	1.30E-05	6.93E-04	3.33E-04	9.84E+00
TEENAGE	GROUND	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03
TEENAGE	CLOUD	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02
TEENAGE	VEG. ING	2.87E-04	4.21E-03	9.11E-04	9.11E-04	7.54E-04	0.00E+00
TEENAGE	MEAT ING	6.38E-05	9.38E-04	2.03E-04	2.03E-04	1.68E-04	0.00E+00
TEENAGE	MILK ING	5.92E-05	8.71E-04	1.88E-04	1.88E-04	1.56E-04	0.00E+00
TEENAGE	TOTALS	6.04E-01	2.05E-02	1.45E-02	1.52E-02	1.46E-02	9.85E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	5.90E-01	7.70E-04	1.09E-05	5.77E-04	2.77E-04	9.84E+00
ADULT	GROUND	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03	1.04E-03
ADULT	CLOUD	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02	1.21E-02
ADULT	VEG. ING	1.74E-04	2.01E-03	5.96E-04	5.96E-04	4.85E-04	0.00E+00
ADULT	MEAT ING	4.88E-05	5.64E-04	1.68E-04	1.68E-04	1.37E-04	0.00E+00
ADULT	MILK ING	1.37E-05	1.58E-04	4.71E-05	4.71E-05	3.83E-05	0.00E+00
ADULT	TOTALS	6.04E-01	1.67E-02	1.40E-02	1.45E-02	1.41E-02	9.85E+00

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	8.37E-01	1.30E-03	1.21E-04	6.75E-03	2.62E-03	1.39E+01
INFANT	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
INFANT	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.80E-04	1.15E-03	2.13E-03	2.13E-03	1.88E-03	0.00E+00
INFANT	TOTALS	8.62E-01	2.65E-02	2.63E-02	3.29E-02	2.86E-02	1.40E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	8.37E-01	9.86E-04	5.65E-05	3.00E-03	1.23E-03	1.39E+01
CHILD	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
CHILD	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
CHILD	VEG. ING	3.38E-04	1.53E-03	1.80E-03	1.80E-03	1.33E-03	0.00E+00
CHILD	MEAT ING	7.32E-05	3.31E-04	3.91E-04	3.91E-04	2.87E-04	0.00E+00
CHILD	MILK ING	9.32E-05	4.22E-04	4.98E-04	4.98E-04	3.66E-04	0.00E+00
CHILD	TOTALS	8.62E-01	2.73E-02	2.68E-02	2.98E-02	2.73E-02	1.40E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	8.37E-01	2.43E-03	2.42E-05	1.29E-03	6.17E-04	1.39E+01
TEENAGE	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
TEENAGE	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
TEENAGE	VEG. ING	4.99E-04	7.34E-03	1.59E-03	1.59E-03	1.31E-03	0.00E+00
TEENAGE	MEAT ING	1.07E-04	1.58E-03	3.41E-04	3.41E-04	2.82E-04	0.00E+00
TEENAGE	MILK ING	9.96E-05	1.46E-03	3.17E-04	3.17E-04	2.62E-04	0.00E+00
TEENAGE	TOTALS	8.62E-01	3.69E-02	2.63E-02	2.76E-02	2.65E-02	1.40E+01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	8.37E-01	1.43E-03	2.02E-05	1.07E-03	5.15E-04	1.39E+01
ADULT	GROUND	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03	1.50E-03
ADULT	CLOUD	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02	2.26E-02
ADULT	VEG. ING	3.02E-04	3.49E-03	1.04E-03	1.04E-03	8.45E-04	0.00E+00
ADULT	MEAT ING	8.22E-05	9.50E-04	2.82E-04	2.82E-04	2.30E-04	0.00E+00
ADULT	MILK ING	2.31E-05	2.66E-04	7.92E-05	7.92E-05	6.45E-05	0.00E+00
ADULT	TOTALS	8.61E-01	3.02E-02	2.55E-02	2.65E-02	2.57E-02	1.40E+01

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

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

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.18E-01	5.78E-04	5.38E-05	3.00E-03	1.17E-03	3.63E+00
INFANT	GROUND	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04
INFANT	CLOUD	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.50E-04	6.92E-04	1.28E-03	1.28E-03	1.13E-03	0.00E+00
INFANT	TOTALS	2.27E-01	1.02E-02	1.03E-02	1.32E-02	1.12E-02	3.64E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.18E-01	4.38E-04	2.51E-05	1.33E-03	5.49E-04	3.63E+00
CHILD	GROUND	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04
CHILD	CLOUD	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03
CHILD	VEG. ING	1.86E-04	8.41E-04	9.91E-04	9.91E-04	7.28E-04	0.00E+00
CHILD	MEAT ING	4.41E-05	2.00E-04	2.36E-04	2.36E-04	1.73E-04	0.00E+00
CHILD	MILK ING	5.62E-05	2.55E-04	3.00E-04	3.00E-04	2.20E-04	0.00E+00
CHILD	TOTALS	2.27E-01	1.07E-02	1.05E-02	1.18E-02	1.06E-02	3.64E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.18E-01	1.08E-03	1.08E-05	5.71E-04	2.74E-04	3.63E+00
TEENAGE	GROUND	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04
TEENAGE	CLOUD	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03
TEENAGE	VEG. ING	2.73E-04	4.01E-03	8.67E-04	8.67E-04	7.17E-04	0.00E+00
TEENAGE	MEAT ING	6.47E-05	9.52E-04	2.06E-04	2.06E-04	1.70E-04	0.00E+00
TEENAGE	MILK ING	6.01E-05	8.84E-04	1.91E-04	1.91E-04	1.58E-04	0.00E+00
TEENAGE	TOTALS	2.27E-01	1.59E-02	1.02E-02	1.08E-02	1.03E-02	3.64E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.18E-01	6.35E-04	8.96E-06	4.76E-04	2.29E-04	3.63E+00
ADULT	GROUND	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04	4.21E-04
ADULT	CLOUD	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03	8.52E-03
ADULT	VEG. ING	1.65E-04	1.91E-03	5.67E-04	5.67E-04	4.62E-04	0.00E+00
ADULT	MEAT ING	4.96E-05	5.73E-04	1.70E-04	1.70E-04	1.39E-04	0.00E+00
ADULT	MILK ING	1.39E-05	1.61E-04	4.78E-05	4.78E-05	3.89E-05	0.00E+00
ADULT	TOTALS	2.27E-01	1.22E-02	9.73E-03	1.02E-02	9.81E-03	3.64E+00

REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 330  
 METSET: Casper, Wyoming DATA: c:\m197\asa.dat 01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years DURATION IN YRS IS... 2.0

NUMBER 8 NAME-SE PERM BNDRY X= 2.2KM, Y= -2.2KM, Z= 152.4M, DIST= 3.1KM, IRTYPE=10  
 40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.51E-01	3.81E-04	3.55E-05	1.98E-03	7.69E-04	2.52E+00
INFANT	GROUND	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
INFANT	CLOUD	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.81E-04	5.57E-04	1.03E-03	1.03E-03	9.11E-04	0.00E+00
INFANT	TOTALS	1.57E-01	6.59E-03	6.72E-03	8.67E-03	7.34E-03	2.53E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.51E-01	2.89E-04	1.66E-05	8.79E-04	3.62E-04	2.52E+00
CHILD	GROUND	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
CHILD	CLOUD	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03
CHILD	VEG. ING	1.42E-04	6.43E-04	7.58E-04	7.58E-04	5.57E-04	0.00E+00
CHILD	MEAT ING	3.55E-05	1.61E-04	1.90E-04	1.90E-04	1.39E-04	0.00E+00
CHILD	MILK ING	4.53E-05	2.05E-04	2.42E-04	2.42E-04	1.77E-04	0.00E+00
CHILD	TOTALS	1.57E-01	6.95E-03	6.86E-03	7.72E-03	6.89E-03	2.53E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.51E-01	7.12E-04	7.10E-06	3.77E-04	1.81E-04	2.52E+00
TEENAGE	GROUND	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
TEENAGE	CLOUD	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03
TEENAGE	VEG. ING	2.08E-04	3.06E-03	6.61E-04	6.61E-04	5.47E-04	0.00E+00
TEENAGE	MEAT ING	5.21E-05	7.66E-04	1.66E-04	1.66E-04	1.37E-04	0.00E+00
TEENAGE	MILK ING	4.84E-05	7.11E-04	1.54E-04	1.54E-04	1.27E-04	0.00E+00
TEENAGE	TOTALS	1.57E-01	1.09E-02	6.64E-03	7.01E-03	6.65E-03	2.53E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.51E-01	4.19E-04	5.91E-06	3.14E-04	1.51E-04	2.52E+00
ADULT	GROUND	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
ADULT	CLOUD	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03	5.36E-03
ADULT	VEG. ING	1.26E-04	1.46E-03	4.33E-04	4.33E-04	3.52E-04	0.00E+00
ADULT	MEAT ING	3.99E-05	4.61E-04	1.37E-04	1.37E-04	1.12E-04	0.00E+00
ADULT	MILK ING	1.12E-05	1.29E-04	3.85E-05	3.85E-05	3.13E-05	0.00E+00
ADULT	TOTALS	1.57E-01	8.12E-03	6.27E-03	6.58E-03	6.30E-03	2.53E+00

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

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

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



REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 333  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.47E-01	8.20E-04	7.63E-05	4.26E-03	1.66E-03	7.44E+00
INFANT	GROUND	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04
INFANT	CLOUD	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.05E-04	8.03E-04	1.49E-03	1.49E-03	1.31E-03	0.00E+00
INFANT	TOTALS	4.62E-01	1.68E-02	1.67E-02	2.09E-02	1.81E-02	7.45E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.47E-01	6.22E-04	3.56E-05	1.89E-03	7.79E-04	7.44E+00
CHILD	GROUND	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04
CHILD	CLOUD	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02
CHILD	VEG. ING	2.29E-04	1.04E-03	1.22E-03	1.22E-03	8.96E-04	0.00E+00
CHILD	MEAT ING	5.12E-05	2.32E-04	2.73E-04	2.73E-04	2.01E-04	0.00E+00
CHILD	MILK ING	6.52E-05	2.95E-04	3.48E-04	3.48E-04	2.56E-04	0.00E+00
CHILD	TOTALS	4.62E-01	1.73E-02	1.70E-02	1.89E-02	1.73E-02	7.45E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.47E-01	1.53E-03	1.53E-05	8.11E-04	3.89E-04	7.44E+00
TEENAGE	GROUND	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04
TEENAGE	CLOUD	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02
TEENAGE	VEG. ING	3.37E-04	4.95E-03	1.07E-03	1.07E-03	8.86E-04	0.00E+00
TEENAGE	MEAT ING	7.51E-05	1.10E-03	2.39E-04	2.39E-04	1.98E-04	0.00E+00
TEENAGE	MILK ING	6.97E-05	1.02E-03	2.21E-04	2.21E-04	1.83E-04	0.00E+00
TEENAGE	TOTALS	4.62E-01	2.38E-02	1.67E-02	1.75E-02	1.68E-02	7.45E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.46E-01	9.01E-04	1.27E-05	6.76E-04	3.25E-04	7.44E+00
ADULT	GROUND	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04	8.33E-04
ADULT	CLOUD	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02	1.43E-02
ADULT	VEG. ING	2.04E-04	2.36E-03	7.00E-04	7.00E-04	5.70E-04	0.00E+00
ADULT	MEAT ING	5.75E-05	6.64E-04	1.97E-04	1.97E-04	1.61E-04	0.00E+00
ADULT	MILK ING	1.61E-05	1.86E-04	5.54E-05	5.54E-05	4.51E-05	0.00E+00
ADULT	TOTALS	4.62E-01	1.93E-02	1.61E-02	1.68E-02	1.63E-02	7.45E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	3.10E-01	4.46E-04	4.15E-05	2.32E-03	9.00E-04	5.17E+00
INFANT	GROUND	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04
INFANT	CLOUD	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.56E-04	5.07E-04	9.41E-04	9.41E-04	8.30E-04	0.00E+00
INFANT	TOTALS	3.20E-01	1.01E-02	1.01E-02	1.24E-02	1.09E-02	5.18E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	3.10E-01	3.38E-04	1.94E-05	1.03E-03	4.24E-04	5.17E+00
CHILD	GROUND	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04
CHILD	CLOUD	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03
CHILD	VEG. ING	1.38E-04	6.25E-04	7.37E-04	7.37E-04	5.41E-04	0.00E+00
CHILD	MEAT ING	3.23E-05	1.47E-04	1.73E-04	1.73E-04	1.27E-04	0.00E+00
CHILD	MILK ING	4.12E-05	1.87E-04	2.20E-04	2.20E-04	1.62E-04	0.00E+00
CHILD	TOTALS	3.20E-01	1.04E-02	1.03E-02	1.13E-02	1.04E-02	5.18E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	3.10E-01	8.33E-04	8.29E-06	4.41E-04	2.12E-04	5.17E+00
TEENAGE	GROUND	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04
TEENAGE	CLOUD	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03
TEENAGE	VEG. ING	2.03E-04	2.98E-03	6.45E-04	6.45E-04	5.34E-04	0.00E+00
TEENAGE	MEAT ING	4.74E-05	6.98E-04	1.51E-04	1.51E-04	1.25E-04	0.00E+00
TEENAGE	MILK ING	4.40E-05	6.47E-04	1.40E-04	1.40E-04	1.16E-04	0.00E+00
TEENAGE	TOTALS	3.20E-01	1.43E-02	1.01E-02	1.05E-02	1.01E-02	5.18E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	3.10E-01	4.90E-04	6.91E-06	3.68E-04	1.76E-04	5.17E+00
ADULT	GROUND	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04	5.66E-04
ADULT	CLOUD	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03	8.57E-03
ADULT	VEG. ING	1.23E-04	1.42E-03	4.22E-04	4.22E-04	3.44E-04	0.00E+00
ADULT	MEAT ING	3.63E-05	4.20E-04	1.25E-04	1.25E-04	1.02E-04	0.00E+00
ADULT	MILK ING	1.02E-05	1.18E-04	3.50E-05	3.50E-05	2.85E-05	0.00E+00
ADULT	TOTALS	3.20E-01	1.16E-02	9.72E-03	1.01E-02	9.78E-03	5.18E+00

REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 336  
 METSET: Casper, Wyoming DATA: c:\m197\asa.dat 01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years DURATION IN YRS IS... 2.0

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

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREMYR

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.30E-01	8.28E-04	7.71E-05	4.30E-03	1.67E-03	7.16E+00
INFANT	GROUND	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04
INFANT	CLOUD	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.84E-04	7.60E-04	1.41E-03	1.41E-03	1.24E-03	0.00E+00
INFANT	TOTALS	4.43E-01	1.49E-02	1.48E-02	1.90E-02	1.62E-02	7.17E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.30E-01	6.28E-04	3.60E-05	1.91E-03	7.86E-04	7.16E+00
CHILD	GROUND	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04
CHILD	CLOUD	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02
CHILD	VEG. ING	2.21E-04	1.00E-03	1.18E-03	1.18E-03	8.66E-04	0.00E+00
CHILD	MEAT ING	4.84E-05	2.19E-04	2.59E-04	2.59E-04	1.90E-04	0.00E+00
CHILD	MILK ING	6.17E-05	2.80E-04	3.29E-04	3.29E-04	2.42E-04	0.00E+00
CHILD	TOTALS	4.43E-01	1.54E-02	1.51E-02	1.70E-02	1.54E-02	7.17E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.30E-01	1.55E-03	1.54E-05	8.19E-04	3.93E-04	7.16E+00
TEENAGE	GROUND	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04
TEENAGE	CLOUD	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02
TEENAGE	VEG. ING	3.26E-04	4.79E-03	1.04E-03	1.04E-03	8.57E-04	0.00E+00
TEENAGE	MEAT ING	7.10E-05	1.04E-03	2.26E-04	2.26E-04	1.87E-04	0.00E+00
TEENAGE	MILK ING	6.59E-05	9.70E-04	2.10E-04	2.10E-04	1.74E-04	0.00E+00
TEENAGE	TOTALS	4.43E-01	2.16E-02	1.48E-02	1.56E-02	1.49E-02	7.17E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.30E-01	9.10E-04	1.28E-05	6.82E-04	3.28E-04	7.16E+00
ADULT	GROUND	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04	7.87E-04
ADULT	CLOUD	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02	1.25E-02
ADULT	VEG. ING	1.97E-04	2.28E-03	6.77E-04	6.77E-04	5.52E-04	0.00E+00
ADULT	MEAT ING	5.44E-05	6.29E-04	1.87E-04	1.87E-04	1.52E-04	0.00E+00
ADULT	MILK ING	1.53E-05	1.76E-04	5.24E-05	5.24E-05	4.27E-05	0.00E+00
ADULT	TOTALS	4.43E-01	1.73E-02	1.42E-02	1.49E-02	1.44E-02	7.17E+00

REGION: PRI Gas Hills Project CODE: MILDOS-AREA (03/89) PAGE 338  
 METSET: Casper, Wyoming DATA: c:\m197vsa.dat 01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years DURATION IN YRS IS... 2.0

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

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

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

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

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 339  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	4.34E-02	5.88E-04	5.53E-05	3.05E-03	1.19E-03	7.20E-01
INFANT	GROUND	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05
INFANT	CLOUD	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.88E-04	5.70E-04	1.06E-03	1.06E-03	9.32E-04	0.00E+00
INFANT	TOTALS	4.69E-02	4.31E-03	4.27E-03	7.26E-03	5.27E-03	7.24E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	4.33E-02	4.46E-04	2.58E-05	1.36E-03	5.59E-04	7.20E-01
CHILD	GROUND	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05
CHILD	CLOUD	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03
CHILD	VEG. ING	1.63E-04	7.37E-04	8.69E-04	8.69E-04	6.38E-04	0.00E+00
CHILD	MEAT ING	3.63E-05	1.65E-04	1.94E-04	1.94E-04	1.42E-04	0.00E+00
CHILD	MILK ING	4.63E-05	2.10E-04	2.47E-04	2.47E-04	1.81E-04	0.00E+00
CHILD	TOTALS	4.67E-02	4.71E-03	4.49E-03	5.82E-03	4.67E-03	7.24E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	4.33E-02	1.10E-03	1.11E-05	5.82E-04	2.79E-04	7.20E-01
TEENAGE	GROUND	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05
TEENAGE	CLOUD	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03
TEENAGE	VEG. ING	2.40E-04	3.53E-03	7.62E-04	7.62E-04	6.31E-04	0.00E+00
TEENAGE	MEAT ING	5.33E-05	7.83E-04	1.69E-04	1.69E-04	1.40E-04	0.00E+00
TEENAGE	MILK ING	4.94E-05	7.27E-04	1.57E-04	1.57E-04	1.30E-04	0.00E+00
TEENAGE	TOTALS	4.68E-02	9.29E-03	4.25E-03	4.82E-03	4.33E-03	7.24E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	4.33E-02	6.46E-04	9.22E-06	4.85E-04	2.33E-04	7.20E-01
ADULT	GROUND	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05	9.86E-05
ADULT	CLOUD	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03	3.05E-03
ADULT	VEG. ING	1.45E-04	1.68E-03	4.99E-04	4.99E-04	4.06E-04	0.00E+00
ADULT	MEAT ING	4.08E-05	4.71E-04	1.40E-04	1.40E-04	1.14E-04	0.00E+00
ADULT	MILK ING	1.14E-05	1.32E-04	3.93E-05	3.93E-05	3.20E-05	0.00E+00
ADULT	TOTALS	4.67E-02	6.08E-03	3.84E-03	4.32E-03	3.94E-03	7.24E-01

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

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

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

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.96E-01	2.21E-04	2.06E-05	1.15E-03	4.47E-04	3.26E+00
INFANT	GROUND	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04
INFANT	CLOUD	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.08E-04	2.13E-04	3.95E-04	3.95E-04	3.49E-04	0.00E+00
INFANT	TOTALS	2.01E-01	5.30E-03	5.28E-03	6.41E-03	5.66E-03	3.26E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.96E-01	1.68E-04	9.61E-06	5.11E-04	2.10E-04	3.26E+00
CHILD	GROUND	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04
CHILD	CLOUD	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03
CHILD	VEG. ING	6.10E-05	2.76E-04	3.26E-04	3.26E-04	2.39E-04	0.00E+00
CHILD	MEAT ING	1.36E-05	6.16E-05	7.26E-05	7.26E-05	5.33E-05	0.00E+00
CHILD	MILK ING	1.73E-05	7.84E-05	9.24E-05	9.24E-05	6.79E-05	0.00E+00
CHILD	TOTALS	2.01E-01	5.45E-03	5.37E-03	5.87E-03	5.44E-03	3.26E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.96E-01	4.14E-04	4.12E-06	2.19E-04	1.05E-04	3.26E+00
TEENAGE	GROUND	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04
TEENAGE	CLOUD	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03
TEENAGE	VEG. ING	8.99E-05	1.32E-03	2.86E-04	2.86E-04	2.37E-04	0.00E+00
TEENAGE	MEAT ING	1.99E-05	2.93E-04	6.34E-05	6.34E-05	5.25E-05	0.00E+00
TEENAGE	MILK ING	1.85E-05	2.72E-04	5.88E-05	5.88E-05	4.87E-05	0.00E+00
TEENAGE	TOTALS	2.01E-01	7.17E-03	5.28E-03	5.50E-03	5.31E-03	3.26E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.96E-01	2.43E-04	3.43E-06	1.83E-04	8.76E-05	3.26E+00
ADULT	GROUND	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04	3.51E-04
ADULT	CLOUD	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03	4.52E-03
ADULT	VEG. ING	5.45E-05	6.29E-04	1.87E-04	1.87E-04	1.52E-04	0.00E+00
ADULT	MEAT ING	1.53E-05	1.76E-04	5.24E-05	5.24E-05	4.27E-05	0.00E+00
ADULT	MILK ING	4.28E-06	4.95E-05	1.47E-05	1.47E-05	1.20E-05	0.00E+00
ADULT	TOTALS	2.01E-01	5.97E-03	5.13E-03	5.31E-03	5.16E-03	3.26E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.62E+00	1.90E-04	1.77E-05	9.88E-04	3.84E-04	2.70E+01
INFANT	GROUND	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03
INFANT	CLOUD	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	9.77E-05	1.94E-04	3.59E-04	3.59E-04	3.16E-04	0.00E+00
INFANT	TOTALS	1.64E+00	1.43E-02	1.43E-02	1.53E-02	1.47E-02	2.70E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.62E+00	1.44E-04	8.24E-06	4.39E-04	1.81E-04	2.70E+01
CHILD	GROUND	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03
CHILD	CLOUD	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02
CHILD	VEG. ING	5.44E-05	2.47E-04	2.91E-04	2.91E-04	2.14E-04	0.00E+00
CHILD	MEAT ING	1.23E-05	5.59E-05	6.59E-05	6.59E-05	4.84E-05	0.00E+00
CHILD	MILK ING	1.57E-05	7.12E-05	8.39E-05	8.39E-05	6.16E-05	0.00E+00
CHILD	TOTALS	1.64E+00	1.45E-02	1.44E-02	1.48E-02	1.45E-02	2.70E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.62E+00	3.55E-04	3.53E-06	1.88E-04	9.03E-05	2.70E+01
TEENAGE	GROUND	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03
TEENAGE	CLOUD	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02
TEENAGE	VEG. ING	8.02E-05	1.18E-03	2.55E-04	2.55E-04	2.11E-04	0.00E+00
TEENAGE	MEAT ING	1.81E-05	2.66E-04	5.75E-05	5.75E-05	4.76E-05	0.00E+00
TEENAGE	MILK ING	1.68E-05	2.47E-04	5.34E-05	5.34E-05	4.42E-05	0.00E+00
TEENAGE	TOTALS	1.64E+00	1.60E-02	1.43E-02	1.45E-02	1.44E-02	2.70E+01
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.62E+00	2.09E-04	2.94E-06	1.57E-04	7.53E-05	2.70E+01
ADULT	GROUND	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03	2.25E-03
ADULT	CLOUD	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02	1.17E-02
ADULT	VEG. ING	4.85E-05	5.61E-04	1.67E-04	1.67E-04	1.36E-04	0.00E+00
ADULT	MEAT ING	1.39E-05	1.60E-04	4.76E-05	4.76E-05	3.88E-05	0.00E+00
ADULT	MILK ING	3.89E-06	4.49E-05	1.34E-05	1.34E-05	1.09E-05	0.00E+00
ADULT	TOTALS	1.64E+00	1.49E-02	1.42E-02	1.43E-02	1.42E-02	2.70E+01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.77E-01	3.49E-05	3.24E-06	1.81E-04	7.04E-05	4.61E+00
INFANT	GROUND	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04
INFANT	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.41E-05	6.76E-05	1.25E-04	1.25E-04	1.10E-04	0.00E+00
INFANT	TOTALS	2.79E-01	2.56E-03	2.58E-03	2.76E-03	2.63E-03	4.61E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.77E-01	2.65E-05	1.51E-06	8.05E-05	3.31E-05	4.61E+00
CHILD	GROUND	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04
CHILD	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
CHILD	VEG. ING	1.62E-05	7.35E-05	8.66E-05	8.66E-05	6.36E-05	0.00E+00
CHILD	MEAT ING	4.31E-06	1.95E-05	2.30E-05	2.30E-05	1.69E-05	0.00E+00
CHILD	MILK ING	5.49E-06	2.49E-05	2.93E-05	2.93E-05	2.15E-05	0.00E+00
CHILD	TOTALS	2.79E-01	2.60E-03	2.59E-03	2.67E-03	2.59E-03	4.61E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.77E-01	6.52E-05	6.48E-07	3.45E-05	1.66E-05	4.61E+00
TEENAGE	GROUND	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04
TEENAGE	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
TEENAGE	VEG. ING	2.37E-05	3.48E-04	7.52E-05	7.52E-05	6.23E-05	0.00E+00
TEENAGE	MEAT ING	6.32E-06	9.29E-05	2.01E-05	2.01E-05	1.66E-05	0.00E+00
TEENAGE	MILK ING	5.86E-06	8.62E-05	1.86E-05	1.86E-05	1.54E-05	0.00E+00
TEENAGE	TOTALS	2.79E-01	3.05E-03	2.57E-03	2.60E-03	2.56E-03	4.61E+00
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.77E-01	3.83E-05	5.40E-07	2.88E-05	1.38E-05	4.61E+00
ADULT	GROUND	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04	4.11E-04
ADULT	CLOUD	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03	2.04E-03
ADULT	VEG. ING	1.43E-05	1.66E-04	4.92E-05	4.92E-05	4.01E-05	0.00E+00
ADULT	MEAT ING	4.84E-06	5.59E-05	1.66E-05	1.66E-05	1.35E-05	0.00E+00
ADULT	MILK ING	1.36E-06	1.57E-05	4.66E-06	4.66E-06	3.80E-06	0.00E+00
ADULT	TOTALS	2.79E-01	2.73E-03	2.52E-03	2.55E-03	2.52E-03	4.61E+00

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

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

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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 347  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.77E-01	6.36E-05	5.90E-06	3.30E-04	1.28E-04	2.94E+00
INFANT	GROUND	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04
INFANT	CLOUD	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	3.96E-05	7.84E-05	1.45E-04	1.45E-04	1.28E-04	0.00E+00
INFANT	TOTALS	1.80E-01	3.27E-03	3.28E-03	3.61E-03	3.39E-03	2.95E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.77E-01	4.82E-05	2.75E-06	1.47E-04	6.04E-05	2.94E+00
CHILD	GROUND	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04
CHILD	CLOUD	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
CHILD	VEG. ING	2.09E-05	9.45E-05	1.11E-04	1.11E-04	8.18E-05	0.00E+00
CHILD	MEAT ING	5.00E-06	2.26E-05	2.67E-05	2.67E-05	1.96E-05	0.00E+00
CHILD	MILK ING	6.37E-06	2.88E-05	3.40E-05	3.40E-05	2.50E-05	0.00E+00
CHILD	TOTALS	1.80E-01	3.32E-03	3.30E-03	3.45E-03	3.32E-03	2.95E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.77E-01	1.19E-04	1.18E-06	6.29E-05	3.02E-05	2.94E+00
TEENAGE	GROUND	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04
TEENAGE	CLOUD	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
TEENAGE	VEG. ING	3.06E-05	4.50E-04	9.74E-05	9.74E-05	8.06E-05	0.00E+00
TEENAGE	MEAT ING	7.33E-06	1.08E-04	2.33E-05	2.33E-05	1.93E-05	0.00E+00
TEENAGE	MILK ING	6.80E-06	1.00E-04	2.16E-05	2.16E-05	1.79E-05	0.00E+00
TEENAGE	TOTALS	1.80E-01	3.91E-03	3.27E-03	3.34E-03	3.28E-03	2.95E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.77E-01	6.99E-05	9.84E-07	5.24E-05	2.52E-05	2.94E+00
ADULT	GROUND	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04	2.93E-04
ADULT	CLOUD	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03	2.84E-03
ADULT	VEG. ING	1.85E-05	2.14E-04	6.37E-05	6.37E-05	5.19E-05	0.00E+00
ADULT	MEAT ING	5.61E-06	6.49E-05	1.93E-05	1.93E-05	1.57E-05	0.00E+00
ADULT	MILK ING	1.58E-06	1.82E-05	5.41E-06	5.41E-06	4.41E-06	0.00E+00
ADULT	TOTALS	1.80E-01	3.50E-03	3.22E-03	3.27E-03	3.23E-03	2.95E+00

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

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

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



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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.20E-01	9.54E-05	8.86E-06	4.95E-04	1.92E-04	2.00E+00
INFANT	GROUND	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
INFANT	CLOUD	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	4.93E-05	9.76E-05	1.81E-04	1.81E-04	1.60E-04	0.00E+00
INFANT	TOTALS	1.23E-01	3.15E-03	3.15E-03	3.63E-03	3.31E-03	2.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.20E-01	7.23E-05	4.13E-06	2.20E-04	9.06E-05	2.00E+00
CHILD	GROUND	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
CHILD	CLOUD	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03
CHILD	VEG. ING	2.74E-05	1.24E-04	1.46E-04	1.46E-04	1.07E-04	0.00E+00
CHILD	MEAT ING	6.22E-06	2.82E-05	3.32E-05	3.32E-05	2.44E-05	0.00E+00
CHILD	MILK ING	7.92E-06	3.59E-05	4.23E-05	4.23E-05	3.11E-05	0.00E+00
CHILD	TOTALS	1.23E-01	3.22E-03	3.18E-03	3.40E-03	3.21E-03	2.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.20E-01	1.78E-04	1.77E-06	9.43E-05	4.53E-05	2.00E+00
TEENAGE	GROUND	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
TEENAGE	CLOUD	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03
TEENAGE	VEG. ING	4.03E-05	5.93E-04	1.28E-04	1.28E-04	1.06E-04	0.00E+00
TEENAGE	MEAT ING	9.13E-06	1.34E-04	2.90E-05	2.90E-05	2.40E-05	0.00E+00
TEENAGE	MILK ING	8.47E-06	1.25E-04	2.69E-05	2.69E-05	2.23E-05	0.00E+00
TEENAGE	TOTALS	1.23E-01	3.99E-03	3.14E-03	3.24E-03	3.16E-03	2.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.20E-01	1.05E-04	1.48E-06	7.86E-05	3.77E-05	2.00E+00
ADULT	GROUND	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
ADULT	CLOUD	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03	2.75E-03
ADULT	VEG. ING	2.44E-05	2.82E-04	8.39E-05	8.39E-05	6.83E-05	0.00E+00
ADULT	MEAT ING	6.99E-06	8.07E-05	2.40E-05	2.40E-05	1.95E-05	0.00E+00
ADULT	MILK ING	1.96E-06	2.27E-05	6.73E-06	6.73E-06	5.49E-06	0.00E+00
ADULT	TOTALS	1.23E-01	3.45E-03	3.07E-03	3.15E-03	3.09E-03	2.00E+00

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	1.14E-02	1.29E-04	1.23E-05	6.72E-04	2.61E-04	1.90E-01
INFANT	GROUND	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05
INFANT	CLOUD	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	5.71E-05	1.13E-04	2.10E-04	2.10E-04	1.85E-04	0.00E+00
INFANT	TOTALS	1.23E-02	1.02E-03	9.97E-04	1.66E-03	1.22E-03	1.91E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	1.14E-02	9.81E-05	5.76E-06	2.98E-04	1.23E-04	1.90E-01
CHILD	GROUND	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05
CHILD	CLOUD	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04
CHILD	VEG. ING	3.34E-05	1.51E-04	1.78E-04	1.78E-04	1.31E-04	0.00E+00
CHILD	MEAT ING	7.21E-06	3.27E-05	3.85E-05	3.85E-05	2.83E-05	0.00E+00
CHILD	MILK ING	9.18E-06	4.16E-05	4.90E-05	4.90E-05	3.60E-05	0.00E+00
CHILD	TOTALS	1.22E-02	1.10E-03	1.05E-03	1.34E-03	1.09E-03	1.91E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	1.14E-02	2.42E-04	2.47E-06	1.28E-04	6.14E-05	1.90E-01
TEENAGE	GROUND	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05
TEENAGE	CLOUD	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04
TEENAGE	VEG. ING	4.93E-05	7.25E-04	1.57E-04	1.57E-04	1.30E-04	0.00E+00
TEENAGE	MEAT ING	1.06E-05	1.55E-04	3.36E-05	3.36E-05	2.78E-05	0.00E+00
TEENAGE	MILK ING	9.81E-06	1.44E-04	3.12E-05	3.12E-05	2.58E-05	0.00E+00
TEENAGE	TOTALS	1.23E-02	2.04E-03	9.99E-04	1.12E-03	1.02E-03	1.91E-01

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	1.14E-02	1.42E-04	2.06E-06	1.07E-04	5.12E-05	1.90E-01
ADULT	GROUND	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05	2.47E-05
ADULT	CLOUD	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04	7.51E-04
ADULT	VEG. ING	2.99E-05	3.45E-04	1.03E-04	1.03E-04	8.35E-05	0.00E+00
ADULT	MEAT ING	8.10E-06	9.35E-05	2.78E-05	2.78E-05	2.26E-05	0.00E+00
ADULT	MILK ING	2.27E-06	2.62E-05	7.80E-06	7.80E-06	6.35E-06	0.00E+00
ADULT	TOTALS	1.22E-02	1.38E-03	9.16E-04	1.02E-03	9.39E-04	1.91E-01

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

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

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

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.05E-03	5.13E-05	4.96E-06	2.67E-04	1.04E-04	3.39E-02
INFANT	GROUND	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06
INFANT	CLOUD	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	2.38E-05	4.71E-05	8.73E-05	8.73E-05	7.70E-05	0.00E+00
INFANT	TOTALS	2.30E-03	3.21E-04	3.15E-04	5.77E-04	4.04E-04	3.41E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.04E-03	3.89E-05	2.31E-06	1.18E-04	4.88E-05	3.39E-02
CHILD	GROUND	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06
CHILD	CLOUD	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
CHILD	VEG. ING	1.37E-05	6.20E-05	7.31E-05	7.31E-05	5.37E-05	0.00E+00
CHILD	MEAT ING	3.00E-06	1.36E-05	1.60E-05	1.60E-05	1.18E-05	0.00E+00
CHILD	MILK ING	3.82E-06	1.73E-05	2.04E-05	2.04E-05	1.50E-05	0.00E+00
CHILD	TOTALS	2.29E-03	3.55E-04	3.35E-04	4.51E-04	3.52E-04	3.41E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.04E-03	9.59E-05	9.92E-07	5.08E-05	2.44E-05	3.39E-02
TEENAGE	GROUND	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06
TEENAGE	CLOUD	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
TEENAGE	VEG. ING	2.02E-05	2.97E-04	6.42E-05	6.42E-05	5.31E-05	0.00E+00
TEENAGE	MEAT ING	4.40E-06	6.47E-05	1.40E-05	1.40E-05	1.16E-05	0.00E+00
TEENAGE	MILK ING	4.08E-06	6.01E-05	1.30E-05	1.30E-05	1.07E-05	0.00E+00
TEENAGE	TOTALS	2.29E-03	7.41E-04	3.15E-04	3.65E-04	3.23E-04	3.41E-02

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.04E-03	5.64E-05	8.26E-07	4.23E-05	2.03E-05	3.39E-02
ADULT	GROUND	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06	5.20E-06
ADULT	CLOUD	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04	2.18E-04
ADULT	VEG. ING	1.22E-05	1.41E-04	4.20E-05	4.20E-05	3.42E-05	0.00E+00
ADULT	MEAT ING	3.37E-06	3.89E-05	1.16E-05	1.16E-05	9.43E-06	0.00E+00
ADULT	MILK ING	9.46E-07	1.09E-05	3.25E-06	3.25E-06	2.65E-06	0.00E+00
ADULT	TOTALS	2.28E-03	4.71E-04	2.81E-04	3.22E-04	2.90E-04	3.41E-02

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LLUNG	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.LLUNG	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.LLUNG	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.LLUNG	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

REGION: PRI Gas Hills Project    CODE: MILDOS-AREA (03/89)    PAGE 355  
 METSET: Casper, Wyoming    DATA: c:\m\97\asa.dat    01/20/97  
 TIME STEP NUMBER 7, After 14.0 Years    DURATION IN YRS IS... 2.0

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

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

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
INFANT	INHAL.	2.51E-03	2.70E-04	2.70E-05	1.40E-03	5.45E-04	4.03E-02
INFANT	GROUND	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05
INFANT	CLOUD	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MILK ING	1.16E-04	2.29E-04	4.24E-04	4.24E-04	3.74E-04	0.00E+00
INFANT	TOTALS	2.96E-03	8.40E-04	7.92E-04	2.17E-03	1.26E-03	4.07E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
CHILD	INHAL.	2.46E-03	2.05E-04	1.26E-05	6.23E-04	2.57E-04	4.03E-02
CHILD	GROUND	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05
CHILD	CLOUD	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04
CHILD	VEG. ING	6.84E-05	3.10E-04	3.65E-04	3.65E-04	2.68E-04	0.00E+00
CHILD	MEAT ING	1.46E-05	6.61E-05	7.79E-05	7.79E-05	5.72E-05	0.00E+00
CHILD	MILK ING	1.86E-05	8.42E-05	9.92E-05	9.92E-05	7.29E-05	0.00E+00
CHILD	TOTALS	2.91E-03	1.01E-03	8.96E-04	1.51E-03	9.96E-04	4.07E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
TEENAGE	INHAL.	2.46E-03	5.04E-04	5.39E-06	2.67E-04	1.28E-04	4.03E-02
TEENAGE	GROUND	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05
TEENAGE	CLOUD	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04
TEENAGE	VEG. ING	1.01E-04	1.48E-03	3.21E-04	3.21E-04	2.66E-04	0.00E+00
TEENAGE	MEAT ING	2.14E-05	3.15E-04	6.81E-05	6.81E-05	5.63E-05	0.00E+00
TEENAGE	MILK ING	1.99E-05	2.92E-04	6.32E-05	6.32E-05	5.23E-05	0.00E+00
TEENAGE	TOTALS	2.95E-03	2.94E-03	7.99E-04	1.06E-03	8.43E-04	4.07E-02
AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY	BRONCHI
ADULT	INHAL.	2.46E-03	2.97E-04	4.49E-06	2.22E-04	1.07E-04	4.03E-02
ADULT	GROUND	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05	1.08E-05
ADULT	CLOUD	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04	3.30E-04
ADULT	VEG. ING	6.11E-05	7.06E-04	2.10E-04	2.10E-04	1.71E-04	0.00E+00
ADULT	MEAT ING	1.64E-05	1.89E-04	5.63E-05	5.63E-05	4.58E-05	0.00E+00
ADULT	MILK ING	4.60E-06	5.31E-05	1.58E-05	1.58E-05	1.29E-05	0.00E+00
ADULT	TOTALS	2.88E-03	1.59E-03	6.27E-04	8.45E-04	6.78E-04	4.07E-02

Program execution time = 42.24 seconds