



POWERTECH (USA) INC.

In the Matter of:

POWERTECH USA, INC.
(Dewey-Burdock In Situ Uranium Recovery Facility)ASLBP #: 10-898-02-MLA-BD01
Docket #: 04009075
Exhibit #: APP-021-HH-00-BD01
Admitted: 8/19/2014
Rejected:
Other:Identified: 8/19/2014
Withdrawn:
Stricken:1REGION: Dewey Burdock
METSET:CODE: MILDOS-AREA (02/97)
DATA: DB.MILPAGE 111
08/21/08

TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background

X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	6.81E+00	6.93E+00	5.33E+01	1.91E-01	2.11E-01
4.32E-03	INFANT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
1.35E-07	INFANT	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
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

4.32E-03	INFANT	TOTALS	6.81E+00	6.94E+00	5.33E+01	1.95E-01	2.15E-01
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	3.32E+00	5.99E+00	2.56E+01	8.00E-02	8.09E-02
4.32E-03	CHILD	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
1.35E-07	CHILD	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
0.00E+00	CHILD	VEG. ING	2.69E-02	3.51E-01	2.15E-02	2.15E-02	8.49E-02
0.00E+00	CHILD	MEAT ING	2.65E-03	3.65E-02	3.59E-03	3.59E-03	7.85E-03
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.32E-03	CHILD	TOTALS	3.35E+00	6.38E+00	2.56E+01	1.09E-01	1.78E-01
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	TEENAGE	INHAL.	1.85E+00	6.36E+00	1.33E+01	3.78E-02	4.43E-02
4.32E-03	TEENAGE	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
1.35E-07	TEENAGE	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	VEG. ING	4.45E-02	5.81E-01	3.54E-02	3.54E-02	1.41E-01
0.00E+00	TEENAGE	MEAT ING	4.30E-03	5.92E-02	5.83E-03	5.83E-03	1.27E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.32E-03	TEENAGE	TOTALS	1.91E+00	7.00E+00	1.34E+01	8.34E-02	2.02E-01
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

0.00E+00	ADULT	INHAL.	1.58E+00	6.17E+00	1.11E+01	3.17E-02	3.52E-02
4.32E-03	ADULT	GROUND	4.32E-03	4.32E-03	4.32E-03	4.32E-03	4.32E-03
1.35E-07	ADULT	CLOUD	1.35E-07	1.35E-07	1.35E-07	1.35E-07	1.35E-07
0.00E+00	ADULT	VEG. ING	6.15E-02	8.02E-01	4.90E-02	4.90E-02	1.94E-01
0.00E+00	ADULT	MEAT ING	7.52E-03	1.04E-01	1.02E-02	1.02E-02	2.23E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.32E-03	ADULT	TOTALS	1.65E+00	7.08E+00	1.12E+01	9.52E-02	2.56E-01
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

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TIME STEP NUMBER 1,

DURATION IN YRS IS... 5.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

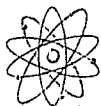
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

1.44E+01	INFANT	INHAL.	7.68E+00	6.97E+00	5.33E+01	3.57E-01	2.75E-01
4.86E-02	INFANT	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
1.15E-01	INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
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
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1.46E+01	INFANT	TOTALS	7.85E+00	7.13E+00	5.35E+01	5.21E-01	4.39E-01
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PowerTech (USA) Inc.

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

1.44E+01	CHILD	INHAL.	4.19E+00	6.01E+00	2.56E+01	1.54E-01	1.11E-01
4.86E-02	CHILD	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
1.15E-01	CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	CHILD	VEG. ING	2.91E-02	3.76E-01	2.90E-02	2.90E-02	9.10E-02
0.00E+00	CHILD	MEAT ING	3.00E-03	4.05E-02	4.78E-03	4.78E-03	8.81E-03
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

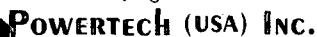
1.46E+01	CHILD	TOTALS	4.39E+00	6.59E+00	2.58E+01	3.51E-01	3.75E-01
	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

1.44E+01	TEENAGE	INHAL.	2.72E+00	6.42E+00	1.33E+01	6.94E-02	5.95E-02
4.86E-02	TEENAGE	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
1.15E-01	TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	TEENAGE	VEG. ING	4.81E-02	6.23E-01	4.78E-02	4.78E-02	1.51E-01
0.00E+00	TEENAGE	MEAT ING	4.87E-03	6.57E-02	7.76E-03	7.76E-03	1.43E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.46E+01	TEENAGE	TOTALS	2.94E+00	7.27E+00	1.36E+01	2.89E-01	3.88E-01
	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

1.44E+01	ADULT	INHAL.	2.45E+00	6.20E+00	1.11E+01	5.80E-02	4.78E-02
4.86E-02	ADULT	GROUND	4.86E-02	4.86E-02	4.86E-02	4.86E-02	4.86E-02
1.15E-01	ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	ADULT	VEG. ING	6.64E-02	8.60E-01	6.60E-02	6.60E-02	2.08E-01
0.00E+00	ADULT	MEAT ING	8.50E-03	1.15E-01	1.36E-02	1.36E-02	2.50E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.46E+01	ADULT	TOTALS	2.69E+00	7.34E+00	1.13E+01	3.01E-01	4.44E-01



1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

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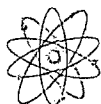
TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0 DEGREES

XRHO, KM 210	U-238 WL	Th-230	Ra-226	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL						Pb-210
				Pb-210	Rn-222	Po-218	Pb-214	Bi-214		
1.5	3.953E-02	1.372E-02	8.231E-03	8.231E-03	2.090E+01	2.052E+01	1.375E+01	9.127E+00		
2.226E-05	1.249E-04									
2.5	4.633E-03	1.611E-03	9.667E-04	9.667E-04	1.449E+01	1.445E+01	1.133E+01	8.489E+00		
2.125E-05	1.040E-04									
3.5	3.025E-03	1.052E-03	6.315E-04	6.315E-04	1.158E+01	1.156E+01	9.789E+00	7.946E+00		
2.301E-05	9.117E-05									
4.5	1.996E-03	6.945E-04	4.168E-04	4.168E-04	8.481E+00	8.478E+00	7.560E+00	6.493E+00		
2.276E-05	7.128E-05									
7.5	7.947E-04	2.766E-04	1.660E-04	1.660E-04	4.908E+00	4.910E+00	4.713E+00	4.446E+00		
2.706E-05	4.553E-05									
15.0	2.157E-04	7.509E-05	4.507E-05	4.507E-05	2.240E+00	2.241E+00	2.236E+00	2.218E+00		
3.430E-05	2.192E-05									
25.0	6.321E-05	2.201E-05	1.321E-05	1.321E-05	1.273E+00	1.274E+00	1.278E+00	1.278E+00		
3.725E-05	1.256E-05									
35.0	2.610E-05	9.085E-06	5.453E-06	5.453E-06	8.510E-01	8.515E-01	8.553E-01	8.577E-01		
3.745E-05	8.413E-06									
45.0	1.314E-05	4.574E-06	2.745E-06	2.745E-06	6.233E-01	6.236E-01	6.266E-01	6.288E-01		
3.695E-05	6.165E-06									
55.0	7.434E-06	2.588E-06	1.553E-06	1.553E-06	4.832E-01	4.835E-01	4.859E-01	4.876E-01		
3.627E-05	4.780E-06									
65.0	4.493E-06	1.564E-06	9.388E-07	9.388E-07	3.893E-01	3.895E-01	3.914E-01	3.928E-01		
3.553E-05	3.851E-06									
75.0	2.827E-06	9.842E-07	5.907E-07	5.907E-07	3.223E-01	3.225E-01	3.241E-01	3.252E-01		
3.480E-05	3.188E-06									

[illegible]



POWERTECH (USA) Inc.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	3.953E-04	1.372E-04	8.231E-05	8.237E-05
2.5	4.633E-05	1.611E-05	9.667E-06	9.731E-06
3.5	3.025E-05	1.052E-05	6.315E-06	6.384E-06
4.5	1.996E-05	6.945E-06	4.168E-06	4.236E-06
7.5	7.947E-06	2.766E-06	1.660E-06	1.741E-06
15.0	2.157E-06	7.509E-07	4.507E-07	5.536E-07
25.0	6.321E-07	2.201E-07	1.321E-07	2.438E-07
35.0	2.610E-07	9.085E-08	5.453E-08	1.669E-07
45.0	1.314E-07	4.574E-08	2.745E-08	1.383E-07
55.0	7.434E-08	2.588E-08	1.553E-08	1.243E-07
65.0	4.493E-08	1.564E-08	9.388E-09	1.160E-07
75.0	2.827E-08	9.842E-09	5.907E-09	1.103E-07

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

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TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.481E-03	2.599E-03	1.560E-03	1.560E-03	2.830E+01	2.724E+01	1.267E+01	6.790E+00	
2.446E-05	1.176E-04								
2.5	4.745E-03	1.649E-03	9.897E-04	9.897E-04	2.122E+01	2.080E+01	1.106E+01	6.519E+00	
2.552E-05	1.018E-04								
3.5	3.134E-03	1.089E-03	6.538E-04	6.538E-04	1.381E+01	1.365E+01	9.630E+00	6.729E+00	
2.855E-05	8.799E-05								
4.5	2.159E-03	7.508E-04	4.506E-04	4.506E-04	1.010E+01	1.006E+01	8.132E+00	6.430E+00	
3.137E-05	7.557E-05								
7.5	1.128E-03	3.923E-04	2.354E-04	2.354E-04	5.018E+00	5.017E+00	4.634E+00	4.260E+00	
3.430E-05	4.455E-05								
15.0	4.277E-04	1.488E-04	8.933E-05	8.933E-05	2.292E+00	2.294E+00	2.237E+00	2.163E+00	
3.760E-05	2.177E-05								
25.0	1.753E-04	6.103E-05	3.663E-05	3.663E-05	1.270E+00	1.271E+00	1.262E+00	1.246E+00	
3.722E-05	1.236E-05								
35.0	8.995E-05	3.131E-05	1.879E-05	1.879E-05	8.527E-01	8.531E-01	8.530E-01	8.490E-01	
3.629E-05	8.370E-06								
45.0	5.216E-05	1.816E-05	1.090E-05	1.090E-05	6.287E-01	6.290E-01	6.305E-01	6.299E-01	
3.530E-05	6.194E-06								
55.0	3.260E-05	1.135E-05	6.810E-06	6.810E-06	4.904E-01	4.907E-01	4.924E-01	4.929E-01	
3.437E-05	4.841E-06								
65.0	2.142E-05	7.457E-06	4.476E-06	4.476E-06	3.973E-01	3.976E-01	3.992E-01	4.000E-01	
3.351E-05	3.925E-06								
75.0	1.461E-05	5.087E-06	3.053E-06	3.053E-06	3.307E-01	3.309E-01	3.324E-01	3.333E-01	
3.271E-05	3.269E-06								

XRHO, KM	GROUND SURFACE CONCENTRATIONS, PCI/M2						
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Pb-210							

1.5 7.798E+04 2.708E+04 1.599E+04 1.599E+04 0.000E+00 1.601E+04 1.601E+04 1.601E+04
5.096E+01



POWERTÉCH (USA) INC.

5.316E+01	2.5	4.946E+04	1.718E+04	1.015E+04	1.015E+04	0.000E+00	1.016E+04	1.016E+04	1.016E+04
5.948E+01	3.5	3.266E+04	1.135E+04	6.704E+03	6.704E+03	0.000E+00	6.714E+03	6.714E+03	6.714E+03
6.534E+01	4.5	2.250E+04	7.823E+03	4.620E+03	4.620E+03	0.000E+00	4.628E+03	4.628E+03	4.628E+03

7.144E+01	7.5	1.176E+04	4.088E+03	2.414E+03	2.414E+03	0.000E+00	2.418E+03	2.418E+03	2.418E+03
7.832E+01	15.0	4.458E+03	1.551E+03	9.159E+02	9.159E+02	0.000E+00	9.177E+02	9.177E+02	9.177E+02
7.753E+01	25.0	1.828E+03	6.359E+02	3.755E+02	3.755E+02	0.000E+00	3.765E+02	3.765E+02	3.765E+02
7.558E+01	35.0	9.377E+02	3.263E+02	1.927E+02	1.927E+02	0.000E+00	1.934E+02	1.934E+02	1.934E+02
7.353E+01	45.0	5.437E+02	1.892E+02	1.117E+02	1.117E+02	0.000E+00	1.122E+02	1.122E+02	1.122E+02
7.159E+01	55.0	3.398E+02	1.182E+02	6.982E+01	6.982E+01	0.000E+00	7.021E+01	7.021E+01	7.021E+01
6.979E+01	65.0	2.233E+02	7.770E+01	4.589E+01	4.589E+01	0.000E+00	4.620E+01	4.620E+01	4.620E+01
6.813E+01	75.0	1.523E+02	5.301E+01	3.130E+01	3.130E+01	0.000E+00	3.157E+01	3.157E+01	3.157E+01

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	7.481E-05	2.599E-05	1.560E-05	1.567E-05
2.5	4.745E-05	1.649E-05	9.897E-06	9.973E-06
3.5	3.134E-05	1.089E-05	6.538E-06	6.624E-06
4.5	2.159E-05	7.508E-06	4.506E-06	4.600E-06
7.5	1.128E-05	3.923E-06	2.354E-06	2.457E-06
15.0	4.277E-06	1.488E-06	8.933E-07	1.006E-06
25.0	1.753E-06	6.103E-07	3.663E-07	4.779E-07
35.0	8.995E-07	3.131E-07	1.879E-07	2.968E-07
45.0	5.216E-07	1.816E-07	1.090E-07	2.149E-07
55.0	3.260E-07	1.135E-07	6.810E-08	1.712E-07
65.0	2.142E-07	7.457E-08	4.476E-08	1.453E-07
75.0	1.461E-07	5.087E-08	3.053E-08	1.287E-07

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE 115
08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0 DEGREES

XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-
210	WL								
1.5	1.210E-02	4.205E-03	2.526E-03	2.526E-03	4.362E+01	4.322E+01	2.664E+01	1.562E+01	
4.300E-05	2.379E-04								
2.5	1.407E-02	4.890E-03	2.939E-03	2.939E-03	3.222E+01	3.215E+01	2.503E+01	1.819E+01	
5.851E-05	2.278E-04								
3.5	8.991E-03	3.125E-03	1.878E-03	1.878E-03	2.512E+01	2.512E+01	2.170E+01	1.783E+01	
7.268E-05	2.024E-04								
4.5	4.164E-03	1.448E-03	8.697E-04	8.697E-04	2.131E+01	2.131E+01	1.951E+01	1.725E+01	
8.752E-05	1.852E-04								
7.5	1.536E-03	5.345E-04	3.209E-04	3.209E-04	1.313E+01	1.313E+01	1.279E+01	1.232E+01	
1.092E-04	1.243E-04								
15.0	4.213E-04	1.466E-04	8.802E-05	8.802E-05	6.424E+00	6.428E+00	6.405E+00	6.346E+00	
1.206E-04	6.276E-05								



POWERTECH (USA) INC.

25.0	1.520E-04	5.293E-05	3.177E-05	3.177E-05	3.569E+00	3.571E+00	3.581E+00	3.579E+00
1.183E-04	3.518E-05							
35.0	7.138E-05	2.485E-05	1.492E-05	1.492E-05	2.365E+00	2.366E+00	2.376E+00	2.381E+00
1.136E-04	2.337E-05							

45.0	3.851E-05	1.341E-05	8.049E-06	8.049E-06	1.719E+00	1.720E+00	1.728E+00	1.733E+00
1.090E-04	1.700E-05							
55.0	2.259E-05	7.868E-06	4.722E-06	4.722E-06	1.323E+00	1.323E+00	1.330E+00	1.334E+00
1.047E-04	1.308E-05							
65.0	1.405E-05	4.893E-06	2.936E-06	2.936E-06	1.058E+00	1.058E+00	1.064E+00	1.067E+00
1.010E-04	1.046E-05							
75.0	9.172E-06	3.194E-06	1.917E-06	1.917E-06	8.698E-01	8.703E-01	8.745E-01	8.776E-01
9.758E-05	8.604E-06							

	XRHO, KM	U-238	Th-230	GROUND SURFACE CONCENTRATIONS, PCI/M2					
				Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214
Pb-210									

8.956E+01	1.5	1.261E+05	4.381E+04	2.590E+04	2.590E+04	0.000E+00	2.593E+04	2.593E+04	2.593E+04
1.219E+02	2.5	1.467E+05	5.095E+04	3.013E+04	3.013E+04	0.000E+00	3.015E+04	3.015E+04	3.015E+04
1.514E+02	3.5	9.372E+04	3.256E+04	1.925E+04	1.925E+04	0.000E+00	1.927E+04	1.927E+04	1.927E+04
1.823E+02	4.5	4.340E+04	1.509E+04	8.917E+03	8.917E+03	0.000E+00	8.934E+03	8.934E+03	8.934E+03
2.274E+02	7.5	1.601E+04	5.569E+03	3.290E+03	3.290E+03	0.000E+00	3.301E+03	3.301E+03	3.301E+03
2.512E+02	15.0	4.391E+03	1.528E+03	9.025E+02	9.025E+02	0.000E+00	9.076E+02	9.076E+02	9.076E+02
2.465E+02	25.0	1.585E+03	5.515E+02	3.257E+02	3.257E+02	0.000E+00	3.285E+02	3.285E+02	3.285E+02
2.366E+02	35.0	7.440E+02	2.590E+02	1.529E+02	1.529E+02	0.000E+00	1.548E+02	1.548E+02	1.548E+02
2.270E+02	45.0	4.014E+02	1.397E+02	8.253E+01	8.253E+01	0.000E+00	8.389E+01	8.389E+01	8.389E+01
2.182E+02	55.0	2.355E+02	8.199E+01	4.842E+01	4.842E+01	0.000E+00	4.946E+01	4.946E+01	4.946E+01
2.103E+02	65.0	1.464E+02	5.098E+01	3.011E+01	3.011E+01	0.000E+00	3.095E+01	3.095E+01	3.095E+01
2.033E+02	75.0	9.561E+01	3.328E+01	1.966E+01	1.966E+01	0.000E+00	2.034E+01	2.034E+01	2.034E+01

	TOTAL DEPOSITION RATES, PCI/M2-SEC				
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	
1.5	1.210E-04	4.205E-05	2.526E-05	2.539E-05	
2.5	1.407E-04	4.890E-05	2.939E-05	2.956E-05	
3.5	8.991E-05	3.125E-05	1.878E-05	1.900E-05	
4.5	4.164E-05	1.448E-05	8.697E-06	8.960E-06	
7.5	1.536E-05	5.345E-06	3.209E-06	3.537E-06	
15.0	4.213E-06	1.466E-06	8.802E-07	1.242E-06	
25.0	1.520E-06	5.293E-07	3.177E-07	6.727E-07	
35.0	7.138E-07	2.485E-07	1.492E-07	4.900E-07	
45.0	3.851E-07	1.341E-07	8.049E-08	4.074E-07	

[illegible]



POWERTECH (USA) INC.

45.0	5.150E+02	1.792E+02	1.059E+02	1.059E+02	0.000E+00	1.062E+02	1.062E+02	1.062E+02
3.916E+01								
55.0	3.428E+02	1.193E+02	7.046E+01	7.046E+01	0.000E+00	7.070E+01	7.070E+01	7.070E+01
3.746E+01								
65.0	2.378E+02	8.277E+01	4.888E+01	4.888E+01	0.000E+00	4.908E+01	4.908E+01	4.908E+01
3.602E+01								
75.0	1.701E+02	5.921E+01	3.497E+01	3.497E+01	0.000E+00	3.513E+01	3.513E+01	3.513E+01
3.476E+01								

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	7.166E-05	2.493E-05	1.497E-05	1.507E-05
2.5	4.706E-05	1.639E-05	9.839E-06	9.964E-06
3.5	4.211E-05	1.468E-05	8.808E-06	8.942E-06
4.5	3.330E-05	1.161E-05	6.966E-06	7.088E-06
7.5	9.519E-06	3.316E-06	1.990E-06	2.075E-06
15.0	3.075E-06	1.071E-06	6.425E-07	7.085E-07
25.0	1.395E-06	4.857E-07	2.915E-07	3.545E-07
35.0	7.893E-07	2.748E-07	1.649E-07	2.243E-07
45.0	4.941E-07	1.720E-07	1.032E-07	1.596E-07
55.0	3.289E-07	1.145E-07	6.872E-08	1.227E-07
65.0	2.282E-07	7.943E-08	4.768E-08	9.955E-08
75.0	1.632E-07	5.682E-08	3.411E-08	8.417E-08

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

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08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

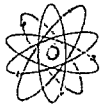
XRHO, KM	TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL								
	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	Bi-214	Pb-210
1.5	7.576E-03	2.635E-03	1.582E-03	1.582E-03	2.260E+01	2.229E+01	1.594E+01	1.162E+01	
2.945E-05	1.471E-04								
2.5	6.107E-03	2.127E-03	1.277E-03	1.277E-03	2.739E+01	2.711E+01	2.000E+01	1.423E+01	
2.940E-05	1.824E-04								
3.5	6.589E-03	2.297E-03	1.378E-03	1.378E-03	3.990E+01	3.942E+01	2.705E+01	1.718E+01	
2.839E-05	2.418E-04								
4.5	7.683E-03	2.680E-03	1.608E-03	1.608E-03	4.933E+01	4.887E+01	3.041E+01	1.674E+01	
2.361E-05	2.670E-04								
7.5	2.281E-03	7.955E-04	4.773E-04	4.773E-04	9.239E+00	9.140E+00	6.617E+00	4.617E+00	
1.525E-05	6.019E-05								
15.0	3.802E-04	1.325E-04	7.950E-05	7.950E-05	1.907E+00	1.908E+00	1.813E+00	1.714E+00	
2.026E-05	1.755E-05								
25.0	1.243E-04	4.330E-05	2.598E-05	2.598E-05	8.602E-01	8.606E-01	8.515E-01	8.348E-01	
2.012E-05	8.318E-06								
35.0	5.860E-05	2.041E-05	1.225E-05	1.225E-05	5.303E-01	5.306E-01	5.303E-01	5.272E-01	
1.923E-05	5.202E-06								
45.0	3.255E-05	1.134E-05	6.803E-06	6.803E-06	3.740E-01	3.742E-01	3.753E-01	3.751E-01	
1.845E-05	3.687E-06								
55.0	1.980E-05	6.895E-06	4.138E-06	4.138E-06	2.837E-01	2.839E-01	2.850E-01	2.855E-01	
1.775E-05	2.802E-06								
65.0	1.275E-05	4.441E-06	2.666E-06	2.666E-06	2.259E-01	2.260E-01	2.270E-01	2.276E-01	
1.716E-05	2.233E-06								
75.0	8.550E-06	2.977E-06	1.787E-06	1.787E-06	1.856E-01	1.857E-01	1.866E-01	1.872E-01	
1.664E-05	1.836E-06								

GROUND SURFACE CONCENTRATIONS, PCI/M2



TOTAL DOSE COMMITMENT IS 1.815E+00 PERSON-REM/YR

[illegible]



POWERTECH (USA) Inc.

WNW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.674E-01 2.093E-02 2.281E-03 1.075E-03 5.377E-03 1.036E-02
6.795E-03 2.593E-03
NW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.230E-01 7.706E-03 0.000E+00 6.334E-03 8.031E-03 6.863E-03
7.551E-03 7.442E-03
NNW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 2.490E-02 0.000E+00 3.669E-02 1.134E-01 1.111E+00 1.992E-02
3.381E-02 5.556E-03

TOTAL DOSE COMMITMENT IS 1.217E+01 PERSON-REM/YR

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

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08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BRONCHI

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.281E-02	2.626E-01	5.744E-02	1.948E-02	1.510E-02
1.898E-02	2.337E-02										
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.527E-02	9.404E-03	4.607E-02	3.644E-02	1.007E-01
2.755E-01	1.126E-01										
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.821E-02	1.550E-02	3.436E-01	1.974E+00	1.561E-01
5.893E-01	9.189E-01										
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.718E-01	2.083E-01	1.132E-02	3.043E-02
8.990E-02	1.496E-01										
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.877E-02	7.460E-02	5.340E-01	3.655E+00	1.704E-01
3.477E-02	3.927E-02										
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.029E-02	6.049E-02	1.179E-01	3.764E-01	1.639E-01
1.045E-01	8.354E-02										
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.672E-02	1.205E+00	4.296E-02	5.692E-02	1.684E-02
1.495E-02	3.291E-02										

SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.612E-02	1.486E-01	2.947E+00	1.571E-01	1.547E-02	5.134E-02
2.754E-02	3.416E-02										
S	0.000E+00	4.027E-02	0.000E+00	0.000E+00	0.000E+00	1.805E-01	0.000E+00	3.123E-02	1.774E-02	3.868E-02	3.307E-03
2.248E-02	4.784E-02										
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.805E-02	4.011E-02	0.000E+00	3.603E-03	2.505E-03	2.330E-02
1.525E-02	2.804E-02										
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.141E-02	1.348E-02	1.168E-02
9.948E-03	2.122E-02										

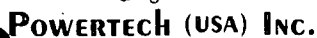
WSW	0.000E+00	0.000E+00	1.439E-01	0.000E+00	0.000E+00	4.933E-02	1.733E-02	1.139E-02	2.111E-03	1.105E-02	
2.477E-03	2.261E-03										
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.417E-03	5.057E-03	0.000E+00
6.802E-03	4.591E-03										
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.239E-02	1.430E-02	2.150E-03	1.326E-03	8.415E-03	2.022E-02
1.638E-02	7.657E-03										
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.047E-01	5.588E-03	0.000E+00	7.317E-03	1.133E-02	1.172E-02
1.555E-02	1.849E-02										
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.729E-02	0.000E+00	5.843E-02	2.455E-01	3.075E+00	6.859E-02
1.425E-01	2.851E-02										

TOTAL DOSE COMMITMENT IS 2.104E+01 PERSON-REM/YR

1REGION: Dewey Burdock

CODE: MILDOS-AREA (02/97)

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08/21/08

DURATION IN YRS IS...100.0

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
XRHO DIRECTION	XRHO 1.5	XRHO 2.5	XRHO 3.5	XRHO 4.5	XRHO 7.5	XRHO 15.0	XRHO 25.0	XRHO 35.0	XRHO 45.0	XRHO 55.0
65.0	75.0									
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.379E-03	4.457E-03	6.093E-04	1.445E-04	8.370E-05
8.153E-05	7.974E-05									
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.831E-04	1.428E-04	4.102E-04	2.174E-04	4.409E-04
9.329E-04	3.048E-04									
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.819E-04	3.091E-04	4.616E-03	1.999E-02	1.275E-03
4.038E-03	5.410E-03									
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.059E-03	4.477E-03	1.882E-04	4.058E-04
9.834E-04	1.366E-03									
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.343E-03	3.493E-03	1.916E-02	1.035E-01	3.882E-03
6.461E-04	6.026E-04									
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.055E-03	4.157E-03	6.974E-03	1.912E-02	7.149E-03
3.914E-03	2.690E-03									
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.694E-03	8.424E-02	2.722E-03	3.240E-03	8.583E-04
6.817E-04	1.344E-03									
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.870E-03	6.143E-03	9.404E-02	4.007E-03	3.244E-04	8.968E-04
4.044E-04	4.249E-04									
S	0.000E+00	5.942E-03	0.000E+00	0.000E+00	7.157E-03	0.000E+00	4.561E-04	1.855E-04	3.048E-04	2.027E-05
1.101E-04	1.926E-04									
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.027E-03	5.657E-04	0.000E+00	1.854E-05	9.423E-06	6.812E-05
3.630E-05	5.631E-05									
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.549E-04	5.467E-05	4.026E-05
2.976E-05	5.588E-05									
WSW	0.000E+00	0.000E+00	7.990E-03	0.000E+00	0.000E+00	1.109E-03	3.832E-04	2.395E-04	4.116E-05	1.975E-04
4.025E-05	3.327E-05									
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-05	2.099E-04	0.000E+00
2.142E-04	1.257E-04									
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.725E-03	9.659E-04	1.054E-04	4.979E-05	2.497E-04	4.828E-04
3.181E-04	1.221E-04									
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.029E-02	3.557E-04	0.000E+00	2.931E-04	3.725E-04	3.193E-04
3.526E-04	3.491E-04									
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.148E-03	0.000E+00	1.700E-03	5.274E-03	5.196E-02	9.378E-04
1.605E-03	2.667E-04									

TOTAL DOSE COMMITMENT IS 5.658E-01 PERSON-REM/YR

EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

[illegible]



TOTAL DOSE COMMITMENT IS 1.821E-01 PERSON-REM/YR

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08/21/08

DURATION IN YRS IS...100.0

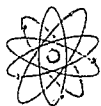
EXPOSED ORGAN IS EFFECTIV

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

[illegible]

[illegible]

[illegible]



POWERTECH (USA) Inc.

NW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00
NNW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

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

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

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

EXPOSURE PATHWAY IS MEAT ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	45.0	55.0
65.0 75.0										
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
ABOVE HAVE NOT BEEN CORRECTED TO REFLECT POTENTIAL



POWERTECH (USA) Inc.

FOOD EXPORT AND MAY EXCEED DOSES ACTUALLY RECEIVED
BY THE POPULATION OF THIS REGION. SEE SUMMARY
TABLE FOR THIS INFORMATION.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 2,
EXPOSURE PATHWAY IS MILK ING

DURATION IN YRS IS...100.0
EXPOSED ORGAN IS EFFECTIVE

[illegible]

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

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



POWERTECH (USA) INC.

N 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00
NNE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

NE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

ENE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

E 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

ESE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

SE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

SSE 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

S 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

SSW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

SW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

WSW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

W 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

WNW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

NW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

NNW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00
0.000E+00 0.000E+00

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

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

1REGION: Dewey Burdock
METSET:

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TIME STEP NUMBER 2,

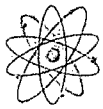
DURATION IN YRS IS...100.0

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS,
PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY BRONCHI

INHAL. 1.815E+00 7.395E+00 1.217E+01 5.410E-01 3.086E-01
2.104E+01
GROUND 5.658E-01 5.658E-01 5.658E-01 5.658E-01 5.658E-01 5.658E-
01



POWERTECH (USA) Inc.

01	CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-
0.000E+00	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	

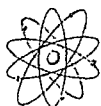
2.179E+01	TOTALS	2.563E+00	8.143E+00	1.292E+01	1.289E+00	1.057E+00	
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DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY	BRONCHI
0.000E+00	INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	
5.116E+01	TOTALS	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY	BRONCHI
2.104E+01	INHAL.	1.815E+00	7.395E+00	1.217E+01	5.410E-01	3.086E-01	
01	GROUND	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-01	5.658E-
01	CLOUD	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-01	1.821E-
0.000E+00	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	
0.000E+00	RNPLUS50	8.039E+00	1.096E+02	1.827E+00	8.039E+00	8.039E+00	
5.116E+01	TOTALS	1.060E+01	1.178E+02	1.475E+01	9.328E+00	9.095E+00	
7.295E+01							



PowerTech (USA) Inc.

1REGION: Dewey Burdock
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COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80 KILOMETERS, PERSON-REM

NO. KIDNEY	T-START BRONCHI	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1	2008.00	2013.00	5.00	TOTALS	1.281E+01	4.071E+01	6.461E+01	6.445E+00
5.283E+00	1.090E+02							

2	2013.00	2113.00	100.00	TOTALS	2.563E+02	8.143E+02	1.292E+03	1.289E+02
1.057E+02	2.179E+03							
TOTALS OVER ALL 2 TIME STEPS					2.691E+02	8.550E+02	1.357E+03	1.353E+02
1.109E+02	2.288E+03							

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80 KILOMETERS, PERSON-REM

NO. KIDNEY	T-START BRONCHI	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1	2008.00	2013.00	5.00	TOTALS	4.019E+01	5.481E+02	9.135E+00	4.019E+01
4.019E+01	2.558E+02							
2	2013.00	2113.00	100.00	TOTALS	8.039E+02	1.096E+04	1.827E+02	8.039E+02
8.039E+02	5.116E+03							
TOTALS OVER ALL 2 TIME STEPS					8.441E+02	1.151E+04	1.918E+02	8.441E+02
8.441E+02	5.371E+03							

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL POPULATIONS, PERSON-REM

NO. KIDNEY	T-START BRONCHI	T-END	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1	2008.00	2013.00	5.00	TOTALS	5.301E+01	5.888E+02	7.374E+01	4.664E+01
4.548E+01	3.647E+02							
2	2013.00	2113.00	100.00	TOTALS	1.060E+03	1.178E+04	1.475E+03	9.328E+02
9.095E+02	7.295E+03							
TOTALS OVER ALL 2 TIME STEPS					1.113E+03	1.236E+04	1.549E+03	9.794E+02
9.550E+02	7.659E+03							

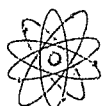
1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 2,

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DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS



POWERTECH (USA) Inc.

CONCENTRATIONS, PCI/M2			AIRBORNE CONCENTRATIONS, PCI/M3				GROUND	
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230
Ra-226	Pb-210							

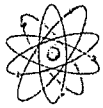
1 CPP N		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00							
1 CPP N		2	3.633E-03	1.263E-03	7.582E-04	1.254E-04	3.871E+04	1.346E+04
7.941E+03	7.941E+03							
1 CPP N		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00							
1 CPP N		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			3.633E-03	1.263E-03	7.582E-04	1.254E-04	3.871E+04	1.346E+04
7.941E+03	7.941E+03							

2 CPP NNE		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 CPP NNE		2	2.509E-03	8.728E-04	5.238E-04	8.664E-05	2.673E+04	9.296E+03
5.486E+03	5.486E+03							
2 CPP NNE		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 CPP NNE		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			2.509E-03	8.728E-04	5.238E-04	8.664E-05	2.673E+04	9.296E+03
5.486E+03	5.486E+03							

3 CPP NE		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 CPP NE		2	6.552E-03	2.276E-03	1.366E-03	2.260E-04	6.980E+04	2.424E+04
1.431E+04	1.431E+04							
3 CPP NE		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 CPP NE		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			6.552E-03	2.276E-03	1.366E-03	2.260E-04	6.980E+04	2.424E+04
1.431E+04	1.431E+04							

4 CPP ENE		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 CPP ENE		2	2.963E-03	1.030E-03	6.182E-04	1.023E-04	3.157E+04	1.097E+04
6.475E+03	6.475E+03							
4 CPP ENE		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 CPP ENE		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			2.963E-03	1.030E-03	6.182E-04	1.023E-04	3.157E+04	1.097E+04
6.475E+03	6.475E+03							

5 CPP E		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 CPP E		2	4.216E-03	1.465E-03	8.793E-04	1.454E-04	4.491E+04	1.560E+04
9.208E+03	9.208E+03							
5 CPP E		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 CPP E		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			4.216E-03	1.465E-03	8.793E-04	1.454E-04	4.491E+04	1.560E+04
9.208E+03	9.208E+03							



POWERTECH (USA) INC.

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6 CPP ESE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
6 CPP ESE	2	4.218E-03	1.466E-03	8.800E-04	1.455E-04	4.494E+04	1.561E+04		
9.217E+03 9.217E+03									
6 CPP ESE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
6 CPP ESE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
CONCENTRATION TOTALS		4.218E-03	1.466E-03	8.800E-04	1.455E-04	4.494E+04	1.561E+04		
9.217E+03 9.217E+03									
-----		-----						-----	
7 CPP SSE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
7 CPP SSE	2	7.448E-03	2.589E-03	1.555E-03	2.570E-04	7.935E+04	2.757E+04		
1.629E+04 1.629E+04									
7 CPP SSE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
7 CPP SSE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
CONCENTRATION TOTALS		7.448E-03	2.589E-03	1.555E-03	2.570E-04	7.935E+04	2.757E+04		
1.629E+04 1.629E+04									
-----		-----						-----	
8 CPP SE	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
8 CPP SE	2	4.963E-03	1.725E-03	1.036E-03	1.713E-04	5.288E+04	1.837E+04		
1.085E+04 1.085E+04									
8 CPP SE	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
-----		-----						-----	
8 CPP SE	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00									
CONCENTRATION TOTALS		4.963E-03	1.725E-03	1.036E-03	1.713E-04	5.288E+04	1.837E+04		
1.085E+04 1.085E+04									
-----		-----						-----	

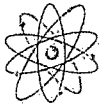
1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 133
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DURATION IN YRS IS...100.0

CONCENTRATIONS, PCI/M2			INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS				GROUND	
NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3					
Ra-226	Pb-210		U-238	Th-230	Ra-226	Pb-210	U-238	Th-230
-----			-----				-----	
9 CPP S	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00								
9 CPP S	2	1.649E-02	5.732E-03	3.445E-03	5.690E-04	1.757E+05	6.105E+04	
3.608E+04 3.608E+04								
9 CPP S	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00								
9 CPP S	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00								
CONCENTRATION TOTALS		1.649E-02	5.732E-03	3.445E-03	5.690E-04	1.757E+05	6.105E+04	
3.608E+04 3.608E+04								
-----			-----				-----	

**POWERTECH (USA) Inc.**

10 CPP SSW	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 CPP SSW	2	5.040E-03	1.753E-03	1.053E-03	1.740E-04	5.369E+04	1.867E+04
1.103E+04 1.103E+04							
10 CPP SSW	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 CPP SSW	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		5.040E-03	1.753E-03	1.053E-03	1.740E-04	5.369E+04	1.867E+04
1.103E+04 1.103E+04							

11 CPP SW	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 CPP SW	2	3.581E-03	1.247E-03	7.485E-04	1.237E-04	3.815E+04	1.328E+04
7.839E+03 7.839E+03							
11 CPP SW	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 CPP SW	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		3.581E-03	1.247E-03	7.485E-04	1.237E-04	3.815E+04	1.328E+04
7.839E+03 7.839E+03							

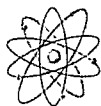
12 CPP WSW	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00							
12 CPP WSW	2	9.412E-03	3.273E-03	1.966E-03	3.249E-04	1.003E+05	3.486E+04
2.059E+04 2.059E+04							
12 CPP WSW	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00							
12 CPP WSW	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		9.412E-03	3.273E-03	1.966E-03	3.249E-04	1.003E+05	3.486E+04
2.059E+04 2.059E+04							

13 CPP W	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 CPP W	2	5.377E-03	1.872E-03	1.124E-03	1.859E-04	5.729E+04	1.994E+04
1.177E+04 1.177E+04							

13 CPP W	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 CPP W	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		5.377E-03	1.872E-03	1.124E-03	1.859E-04	5.729E+04	1.994E+04
1.177E+04 1.177E+04							

14 CPP WNW	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 CPP WNW	2	6.087E-03	2.120E-03	1.272E-03	2.104E-04	6.484E+04	2.257E+04
1.332E+04 1.332E+04							
14 CPP WNW	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 CPP WNW	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		6.087E-03	2.120E-03	1.272E-03	2.104E-04	6.484E+04	2.257E+04
1.332E+04 1.332E+04							

15 CPP NW	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 CPP NW	2	6.155E-03	2.145E-03	1.287E-03	2.129E-04	6.557E+04	2.284E+04
1.348E+04 1.348E+04							



POWERTECH (USA) Inc.

15 CPP NW	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 CPP NW	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		6.155E-03	2.145E-03	1.287E-03	2.129E-04	6.557E+04	2.284E+04
1.348E+04 1.348E+04							

16 CPP NNW	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 CPP NNW	2	4.624E-03	1.609E-03	9.656E-04	1.597E-04	4.927E+04	1.714E+04
1.011E+04 1.011E+04							
16 CPP NNW	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 CPP NNW	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		4.624E-03	1.609E-03	9.656E-04	1.597E-04	4.927E+04	1.714E+04
1.011E+04 1.011E+04							

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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DURATION IN YRS IS...100.0

CONCENTRATIONS, PCI/M2			INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS				GROUND	
NO.	NAME	PTSZ	AIRBORNE CONCENTRATIONS, PCI/M3					
Ra-226	Pb-210		U-238	Th-230	Ra-226	Pb-210	U-238	Th-230
17 SF N		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 SF N		2	4.386E-03	1.530E-03	9.180E-04	1.519E-04	4.673E+04	1.630E+04
9.614E+03 9.614E+03								
17 SF N		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 SF N		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			4.386E-03	1.530E-03	9.180E-04	1.519E-04	4.673E+04	1.630E+04
9.614E+03 9.614E+03								
18 SF NNE		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 SF NNE	2	4.918E-03	1.716E-03	1.029E-03	1.703E-04	5.240E+04	1.827E+04
1.078E+04 1.078E+04							
18 SF NNE	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 SF NNE	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		4.918E-03	1.716E-03	1.029E-03	1.703E-04	5.240E+04	1.827E+04
1.078E+04 1.078E+04							

19 SF NE	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 SF NE	2	4.696E-03	1.638E-03	9.828E-04	1.626E-04	5.004E+04	1.745E+04
1.029E+04 1.029E+04							
19 SF NE	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 SF NE	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							



POWERTECH (USA) Inc.

CONCENTRATION TOTALS			4.696E-03	1.638E-03	9.828E-04	1.626E-04	5.004E+04	1.745E+04
1.029E+04	1.029E+04							

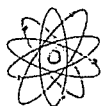
20 SF ENE		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00							
20 SF ENE		2	4.000E-03	1.395E-03	8.368E-04	1.384E-04	4.262E+04	1.485E+04
8.763E+03	8.763E+03							
20 SF ENE		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00							
20 SF ENE		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			4.000E-03	1.395E-03	8.368E-04	1.384E-04	4.262E+04	1.485E+04
8.763E+03	8.763E+03							

21 SF E		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							
21 SF E		2	5.361E-03	1.869E-03	1.122E-03	1.855E-04	5.712E+04	1.991E+04
1.175E+04	1.175E+04							
21 SF E		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							
21 SF E		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			5.361E-03	1.869E-03	1.122E-03	1.855E-04	5.712E+04	1.991E+04
1.175E+04	1.175E+04							

22 SF SSE		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							
22 SF SSE		2	4.511E-03	1.573E-03	9.437E-04	1.561E-04	4.806E+04	1.675E+04
9.883E+03	9.883E+03							
22 SF SSE		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							
22 SF SSE		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			4.511E-03	1.573E-03	9.437E-04	1.561E-04	4.806E+04	1.675E+04
9.883E+03	9.883E+03							

23 SF SE		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							
23 SF SE		2	6.574E-03	2.291E-03	1.375E-03	2.274E-04	7.004E+04	2.440E+04
1.440E+04	1.440E+04							
23 SF SE		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							
23 SF SE		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			6.574E-03	2.291E-03	1.375E-03	2.274E-04	7.004E+04	2.440E+04
1.440E+04	1.440E+04							

24 SF S		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							
24 SF S		2	2.527E-03	8.809E-04	5.286E-04	8.745E-05	2.692E+04	9.382E+03
5.536E+03	5.536E+03							
24 SF S		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							
24 SF S		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			2.527E-03	8.809E-04	5.286E-04	8.745E-05	2.692E+04	9.382E+03
5.536E+03	5.536E+03							



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

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DURATION IN YRS IS...100.0

			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							
-----			-----				-----	
25 SF SSW		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							
25 SF SSW		2	3.290E-03	1.147E-03	6.883E-04	1.139E-04	3.505E+04	1.222E+04
7.208E+03	7.208E+03							
25 SF SSW		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							
25 SF SSW		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			3.290E-03	1.147E-03	6.883E-04	1.139E-04	3.505E+04	1.222E+04
7.208E+03	7.208E+03							
-----			-----				-----	
26 SF SW		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							
26 SF SW		2	5.483E-03	1.913E-03	1.148E-03	1.899E-04	5.841E+04	2.037E+04
1.202E+04	1.202E+04							
26 SF SW		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							
26 SF SW		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			5.483E-03	1.913E-03	1.148E-03	1.899E-04	5.841E+04	2.037E+04
1.202E+04	1.202E+04							
-----			-----				-----	
27 SF WSW		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							
27 SF WSW		2	6.515E-03	2.273E-03	1.364E-03	2.256E-04	6.941E+04	2.421E+04
1.428E+04	1.428E+04							
27 SF WSW		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							
27 SF WSW		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			6.515E-03	2.273E-03	1.364E-03	2.256E-04	6.941E+04	2.421E+04
1.428E+04	1.428E+04							
-----			-----				-----	
28 SF W		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							
28 SF W		2	1.076E-02	3.755E-03	2.253E-03	3.727E-04	1.146E+05	3.999E+04
2.359E+04	2.359E+04							
28 SF W		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							
28 SF W		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			1.076E-02	3.755E-03	2.253E-03	3.727E-04	1.146E+05	3.999E+04
2.359E+04	2.359E+04							



32	SF	ESE	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								
32	SF	ESE	2	6.635E-03	2.314E-03	1.388E-03	2.297E-04	7.069E+04	2.464E+04
1.454E+04	1.454E+04								
32	SF	ESE	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								
32	SF	ESE	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				6.635E-03	2.314E-03	1.388E-03	2.297E-04	7.069E+04	2.464E+04
1.454E+04	1.454E+04								

DURATION IN YRS IS...100.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND

CONCENTRATIONS, PCI/M2			RADIONUCLIDE CONCENTRATIONS, BQ/L				RADON CONCENTRATIONS, BQ/L	
NO.	NAME	PTS#	U-238	Th-230	Ra-226	Pb-210	U-238	Th-230
Ra-226	Pb-210							
33 Daniels Ranch		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							
33 Daniels Ranch		2	5.474E-03	1.902E-03	1.141E-03	1.888E-04	5.832E+04	2.025E+04
1.195E+04	1.195E+04							



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33 Daniels Ranch	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							
33 Daniels Ranch	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		5.474E-03	1.902E-03	1.141E-03	1.888E-04	5.832E+04	2.025E+04
1.195E+04 1.195E+04							

34 Spencer Ranch	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							
34 Spencer Ranch	2	6.186E-03	2.154E-03	1.292E-03	2.138E-04	6.591E+04	2.294E+04
1.354E+04 1.354E+04							
34 Spencer Ranch	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							
34 Spencer Ranch	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		6.186E-03	2.154E-03	1.292E-03	2.138E-04	6.591E+04	2.294E+04
1.354E+04 1.354E+04							

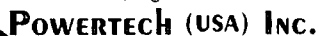
35 BC Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00							
35 BC Ranch	2	4.277E-03	1.492E-03	8.952E-04	1.481E-04	4.557E+04	1.589E+04
9.375E+03 9.375E+03							
35 BC Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00							
35 BC Ranch	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		4.277E-03	1.492E-03	8.952E-04	1.481E-04	4.557E+04	1.589E+04
9.375E+03 9.375E+03							

36 Puttman Ranch	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							
36 Puttman Ranch	2	1.691E-03	5.898E-04	3.538E-04	5.854E-05	1.802E+04	6.281E+03
3.706E+03 3.706E+03							
36 Puttman Ranch	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							
36 Puttman Ranch	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		1.691E-03	5.898E-04	3.538E-04	5.854E-05	1.802E+04	6.281E+03
3.706E+03 3.706E+03							

37 Englebert Ranch	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							
37 Englebert Ranch	2	3.708E-03	1.290E-03	7.745E-04	1.280E-04	3.951E+04	1.373E+04
8.112E+03 8.112E+03							
37 Englebert Ranch	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							
37 Englebert Ranch	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		3.708E-03	1.290E-03	7.745E-04	1.280E-04	3.951E+04	1.373E+04
8.112E+03 8.112E+03							

38 Burdock School	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							
38 Burdock School	2	3.392E-03	1.181E-03	7.091E-04	1.172E-04	3.614E+04	1.258E+04
7.426E+03 7.426E+03							
38 Burdock School	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							
38 Burdock School	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		3.392E-03	1.181E-03	7.091E-04	1.172E-04	3.614E+04	1.258E+04
7.426E+03 7.426E+03							

39 Heck Ranch	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							

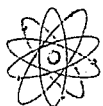


40 Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00							
40 Edgemont	2	5.744E-04	1.999E-04	1.200E-04	1.984E-05	6.120E+03	2.129E+03
1.257E+03 1.257E+03							
40 Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00 0.000E+00							
40 Edgemont	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		5.744E-04	1.999E-04	1.200E-04	1.984E-05	6.120E+03	2.129E+03
1.257E+03 1.257E+03							

DURATION IN YRS IS...100.0

DURATION IN YRS IS...100.0

[illegible]



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2 1.050E+01 1.050E+01 8.838E+00 7.092E+00 2.235E-05 8.076E-08 8.457E-12 8.207E-05 8.313E+00 8.313E+00
8.313E+00 4.665E+01
3 1.774E+01 1.761E+01 1.199E+01 7.841E+00 2.317E-05 9.676E-08 1.183E-11 1.082E-04 1.395E+01 1.395E+01
1.395E+01 4.837E+01
4 1.171E+01 1.168E+01 8.757E+00 6.270E+00 2.417E-05 1.309E-07 2.061E-11 7.982E-05 9.249E+00 9.249E+00
9.249E+00 5.047E+01
5 1.985E+01 1.935E+01 1.089E+01 6.586E+00 2.617E-05 1.551E-07 2.627E-11 9.971E-05 1.532E+01 1.532E+01
1.532E+01 5.464E+01

6 4.158E+01 3.988E+01 1.970E+01 1.020E+01 3.339E-05 2.030E-07 3.667E-11 1.790E-04 3.159E+01 3.159E+01
3.159E+01 6.970E+01
7 3.771E+01 3.759E+01 2.757E+01 1.876E+01 5.589E-05 2.778E-07 4.444E-11 2.485E-04 2.977E+01 2.977E+01
2.977E+01 1.167E+02
8 4.922E+01 4.840E+01 2.912E+01 1.671E+01 4.677E-05 2.554E-07 4.434E-11 2.598E-04 3.833E+01 3.833E+01
3.833E+01 9.764E+01
9 2.796E+01 2.791E+01 2.282E+01 1.763E+01 6.335E-05 3.136E-07 4.731E-11 2.102E-04 2.211E+01 2.211E+01
2.211E+01 1.323E+02

10 2.010E+01 2.010E+01 1.782E+01 1.522E+01 6.789E-05 3.418E-07 4.817E-11 1.678E-04 1.592E+01 1.592E+01
1.592E+01 1.417E+02
11 1.911E+01 1.910E+01 1.692E+01 1.456E+01 5.958E-05 2.574E-07 3.032E-11 1.598E-04 1.512E+01 1.512E+01
1.512E+01 1.244E+02
12 2.142E+01 2.108E+01 1.519E+01 1.133E+01 3.562E-05 1.268E-07 1.251E-11 1.409E-04 1.670E+01 1.670E+01
1.670E+01 7.437E+01
13 2.352E+01 2.332E+01 1.816E+01 1.401E+01 3.733E-05 1.071E-07 8.437E-12 1.683E-04 1.847E+01 1.847E+01
1.847E+01 7.794E+01
14 2.475E+01 2.450E+01 1.815E+01 1.313E+01 2.860E-05 6.902E-08 4.668E-12 1.662E-04 1.940E+01 1.940E+01
1.940E+01 5.971E+01
15 2.841E+01 2.761E+01 1.656E+01 9.609E+00 1.570E-05 3.589E-08 2.695E-12 1.482E-04 2.187E+01 2.187E+01
2.187E+01 3.278E+01
16 1.584E+01 1.569E+01 1.174E+01 8.515E+00 1.899E-05 4.766E-08 3.404E-12 1.074E-04 1.242E+01 1.242E+01
1.242E+01 3.964E+01
17 2.109E+01 2.067E+01 1.003E+01 4.668E+00 1.171E-05 6.336E-08 1.046E-11 8.957E-05 1.637E+01 1.637E+01
1.637E+01 2.445E+01
18 2.017E+01 1.982E+01 9.654E+00 4.445E+00 1.134E-05 6.001E-08 9.505E-12 8.594E-05 1.570E+01 1.570E+01
1.570E+01 2.367E+01
19 2.118E+01 2.077E+01 1.010E+01 4.720E+00 1.179E-05 5.779E-08 8.489E-12 9.022E-05 1.645E+01 1.645E+01
1.645E+01 2.461E+01
20 1.810E+01 1.780E+01 9.266E+00 4.881E+00 1.271E-05 5.396E-08 6.846E-12 8.352E-05 1.410E+01 1.410E+01
1.410E+01 2.653E+01
21 2.620E+01 2.490E+01 1.223E+01 6.224E+00 1.259E-05 4.187E-08 4.399E-12 1.109E-04 1.972E+01 1.972E+01
1.972E+01 2.629E+01
22 2.937E+01 2.932E+01 2.388E+01 1.818E+01 4.228E-05 1.075E-07 7.768E-12 2.191E-04 2.322E+01 2.322E+01
2.322E+01 8.827E+01
23 3.458E+01 3.415E+01 2.403E+01 1.595E+01 2.844E-05 6.041E-08 3.896E-12 2.165E-04 2.705E+01 2.705E+01
2.705E+01 5.937E+01
24 1.982E+01 1.982E+01 1.738E+01 1.437E+01 4.313E-05 1.393E-07 1.289E-11 1.621E-04 1.570E+01 1.570E+01
1.570E+01 9.004E+01
25 1.716E+01 1.715E+01 1.358E+01 9.642E+00 2.239E-05 7.637E-08 9.284E-12 1.225E-04 1.358E+01 1.358E+01
1.358E+01 4.675E+01
26 1.626E+01 1.615E+01 1.035E+01 6.095E+00 1.482E-05 6.873E-08 1.066E-11 9.184E-05 1.279E+01 1.279E+01
1.279E+01 3.095E+01
27 1.464E+01 1.409E+01 7.815E+00 4.407E+00 1.260E-05 6.663E-08 1.099E-11 7.058E-05 1.116E+01 1.116E+01
1.116E+01 2.631E+01
28 1.466E+01 1.362E+01 6.918E+00 3.894E+00 1.203E-05 6.672E-08 1.132E-11 6.363E-05 1.079E+01 1.079E+01
1.079E+01 2.512E+01
29 1.965E+01 1.597E+01 6.255E+00 3.248E+00 1.069E-05 5.957E-08 9.638E-12 6.028E-05 1.265E+01 1.265E+01
1.265E+01 2.231E+01
30 2.435E+01 1.782E+01 6.274E+00 3.144E+00 1.044E-05 5.810E-08 9.283E-12 6.189E-05 1.411E+01 1.411E+01
1.411E+01 2.179E+01
31 2.470E+01 2.198E+01 7.945E+00 3.565E+00 1.080E-05 6.063E-08 9.897E-12 7.622E-05 1.741E+01 1.741E+01
1.741E+01 2.255E+01
32 4.020E+01 3.868E+01 1.976E+01 9.736E+00 1.421E-05 3.506E-08 3.038E-12 1.763E-04 3.064E+01 3.064E+01
3.064E+01 2.966E+01
33 2.198E+01 2.153E+01 1.093E+01 6.370E+00 2.489E-05 1.377E-07 2.131E-11 1.013E-04 1.705E+01 1.705E+01
1.705E+01 5.197E+01



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34 2.533E+01 2.501E+01 1.806E+01 1.272E+01 2.604E-05 5.987E-08 3.899E-12 1.648E-04 1.981E+01 1.981E+01
1.981E+01 5.437E+01
35 1.024E+01 1.000E+01 6.369E+00 4.098E+00 1.347E-05 7.748E-08 1.406E-11 5.788E-05 7.924E+00 7.924E+00
7.924E+00 2.812E+01
36 7.573E+00 7.573E+00 6.621E+00 5.521E+00 2.323E-05 1.340E-07 2.492E-11 6.196E-05 5.998E+00 5.998E+00
5.998E+00 4.849E+01
37 2.022E+01 2.022E+01 1.863E+01 1.664E+01 8.878E-05 5.541E-07 1.021E-10 1.773E-04 1.602E+01 1.602E+01
1.602E+01 1.854E+02
38 1.892E+01 1.890E+01 1.678E+01 1.448E+01 5.890E-05 2.511E-07 2.911E-11 1.586E-04 1.497E+01 1.497E+01
1.497E+01 1.230E+02
39 1.707E+01 1.708E+01 1.611E+01 1.499E+01 1.036E-04 7.856E-07 1.732E-10 1.552E-04 1.353E+01 1.353E+01
1.353E+01 2.163E+02
40 4.033E+00 4.035E+00 3.967E+00 3.873E+00 9.921E-05 2.362E-06 1.446E-09 3.872E-05 3.196E+00 3.196E+00
3.196E+00 2.071E+02

41 1.155E+01 1.155E+01 1.106E+01 1.042E+01 5.927E-05 3.173E-07 4.421E-11 1.069E-04 9.150E+00 9.150E+00
9.150E+00 1.237E+02

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 139
08/21/08
DURATION IN YRS IS...100.0

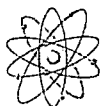
NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	2.03E+01	2.07E+01	1.59E+02	5.68E-01	6.28E-01
1.46E-01	INFANT	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
4.05E-07	INFANT	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
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

1.46E-01	INFANT	TOTALS	2.05E+01	2.08E+01	1.60E+02	7.14E-01	7.74E-01
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	9.93E+00	1.79E+01	7.66E+01	2.38E-01	2.41E-01
1.46E-01	CHILD	GROUND	1.46E-01	1.46E-01	1.46E-01	1.46E-01	1.46E-01
4.05E-07	CHILD	CLOUD	4.05E-07	4.05E-07	4.05E-07	4.05E-07	4.05E-07
0.00E+00	CHILD	VEG. ING	1.16E-01	1.50E+00	1.36E-01	1.36E-01	3.41E-01
0.00E+00	CHILD	MEAT ING	1.61E-02	2.14E-01	3.39E-02	3.39E-02	4.30E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



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1.46E-01 CHILD TOTALS 1.02E+01 1.97E+01 7.69E+01 5.53E-01 7.71E-01
BRONCHI
AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY
-----
0.00E+00 TEENAGE INHAL. 5.54E+00 1.90E+01 3.99E+01 1.12E-01 1.32E-01
1.46E-01 TEENAGE GROUND 1.46E-01 1.46E-01 1.46E-01 1.46E-01 1.46E-01
4.05E-07 TEENAGE CLOUD 4.05E-07 4.05E-07 4.05E-07 4.05E-07 4.05E-07
0.00E+00 TEENAGE VEG. ING 1.89E-01 2.46E+00 2.20E-01 2.20E-01 5.59E-01
0.00E+00 TEENAGE MEAT ING 2.61E-02 3.47E-01 5.50E-02 5.50E-02 6.97E-02
0.00E+00 TEENAGE MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
0.00E+00
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```

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1.46E-01 TEENAGE TOTALS 5.90E+00 2.19E+01 4.03E+01 5.33E-01 9.07E-01
BRONCHI
AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY
-----
0.00E+00 ADULT INHAL. 4.71E+00 1.84E+01 3.32E+01 9.43E-02 1.05E-01
1.46E-01 ADULT GROUND 1.46E-01 1.46E-01 1.46E-01 1.46E-01 1.46E-01
4.05E-07 ADULT CLOUD 4.05E-07 4.05E-07 4.05E-07 4.05E-07 4.05E-07
0.00E+00 ADULT VEG. ING 2.61E-01 3.39E+00 3.04E-01 3.04E-01 7.72E-01
0.00E+00 ADULT MEAT ING 4.56E-02 6.07E-01 9.62E-02 9.62E-02 1.22E-01
0.00E+00 ADULT MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
0.00E+00
-----
1.46E-01 ADULT TOTALS 5.17E+00 2.25E+01 3.37E+01 6.40E-01 1.14E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

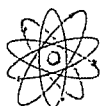
PAGE 140
08/21/08
DURATION IN YRS IS...100.0

NUMBER 1 NAME=CPP N

X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

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

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-----
BRONCHI
AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY
-----
1.60E+01 INFANT INHAL. 2.13E+01 2.07E+01 1.59E+02 6.27E-01 6.52E-01
```



POWERTECH (USA) Inc.

1.57E+00	INFANT	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
9.13E-02	INFANT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
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

1.77E+01	INFANT	TOTALS	2.30E+01	2.24E+01	1.61E+02	2.29E+00	2.31E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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1.60E+01	CHILD	INHAL.	1.09E+01	1.79E+01	7.66E+01	2.64E-01	2.52E-01
1.57E+00	CHILD	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
9.13E-02	CHILD	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
0.00E+00	CHILD	VEG. ING	1.17E-01	1.51E+00	1.39E-01	1.39E-01	3.44E-01

0.00E+00	CHILD	MEAT ING	1.62E-02	2.16E-01	3.44E-02	3.44E-02	4.34E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.77E+01	CHILD	TOTALS	1.27E+01	2.13E+01	7.84E+01	2.10E+00	2.30E+00
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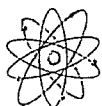
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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1.60E+01	TEENAGE	INHAL.	6.50E+00	1.90E+01	3.99E+01	1.24E-01	1.38E-01
1.57E+00	TEENAGE	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00
9.13E-02	TEENAGE	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
0.00E+00	TEENAGE	VEG. ING	1.91E-01	2.48E+00	2.25E-01	2.25E-01	5.63E-01
0.00E+00	TEENAGE	MEAT ING	2.64E-02	3.50E-01	5.59E-02	5.59E-02	7.04E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.77E+01	TEENAGE	TOTALS	8.38E+00	2.35E+01	4.18E+01	2.06E+00	2.43E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
---------	-----	---------	----------	------	----------	-------	--------

1.60E+01	ADULT	INHAL.	5.67E+00	1.84E+01	3.32E+01	1.04E-01	1.09E-01
1.57E+00	ADULT	GROUND	1.57E+00	1.57E+00	1.57E+00	1.57E+00	1.57E+00



POWERTECH (USA) INC.

9.13E-02	ADULT	CLOUD	9.13E-02	9.13E-02	9.13E-02	9.13E-02	9.13E-02
0.00E+00	ADULT	VEG. ING	2.63E-01	3.41E+00	3.11E-01	3.11E-01	7.78E-01
0.00E+00	ADULT	MEAT ING	4.61E-02	6.12E-01	9.77E-02	9.77E-02	1.23E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.77E+01	ADULT	TOTALS	7.64E+00	2.41E+01	3.53E+01	2.17E+00	2.67E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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08/21/08
DURATION IN YRS IS...100.0

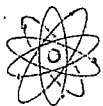
NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI.							
0.00E+00	INFANT	INHAL.	1.41E+01	1.43E+01	1.10E+02	3.92E-01	4.34E-01
1.01E-01	INFANT	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
2.79E-07	INFANT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07

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
1.01E-01	INFANT	TOTALS	1.42E+01	1.44E+01	1.10E+02	4.93E-01	5.35E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	6.86E+00	1.23E+01	5.29E+01	1.64E-01	1.67E-01
1.01E-01	CHILD	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
2.79E-07	CHILD	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
0.00E+00	CHILD	VEG. ING	7.99E-02	1.04E+00	9.38E-02	9.38E-02	2.36E-01
0.00E+00	CHILD	MEAT ING	1.11E-02	1.48E-01	2.34E-02	2.34E-02	2.97E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.01E-01	CHILD	TOTALS	7.05E+00	1.36E+01	5.31E+01	3.82E-01	5.33E-01



POWERTECH (USA) INC.

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	3.83E+00	1.31E+01	2.76E+01	7.76E-02	9.12E-02
1.01E-01	TEENAGE	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
2.79E-07	TEENAGE	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
0.00E+00	TEENAGE	VEG. ING	1.31E-01	1.70E+00	1.52E-01	1.52E-01	3.86E-01
0.00E+00	TEENAGE	MEAT ING	1.80E-02	2.40E-01	3.80E-02	3.80E-02	4.82E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.01E-01	TEENAGE	TOTALS	4.08E+00	1.51E+01	2.78E+01	3.68E-01	6.26E-01

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	3.25E+00	1.27E+01	2.29E+01	6.52E-02	7.24E-02
1.01E-01	ADULT	GROUND	1.01E-01	1.01E-01	1.01E-01	1.01E-01	1.01E-01
2.79E-07	ADULT	CLOUD	2.79E-07	2.79E-07	2.79E-07	2.79E-07	2.79E-07
0.00E+00	ADULT	VEG. ING	1.80E-01	2.34E+00	2.10E-01	2.10E-01	5.33E-01
0.00E+00	ADULT	MEAT ING	3.15E-02	4.19E-01	6.64E-02	6.64E-02	8.42E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.01E-01	ADULT	TOTALS	3.57E+00	1.56E+01	2.33E+01	4.42E-01	7.91E-01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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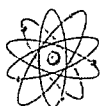
DURATION IN YRS IS...100.0

NUMBER 2 NAME=CPP NNE X= 1.3KM, Y= 2.8KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.31E+01	INFANT	INHAL.	1.48E+01	1.43E+01	1.10E+02	4.55E-01	4.58E-01
1.08E+00	INFANT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
8.01E-02	INFANT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02



POWERTECH (USA) INC.

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

1.43E+01	INFANT	TOTALS	1.60E+01	1.55E+01	1.11E+02	1.62E+00	1.62E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.31E+01	CHILD	INHAL.	7.65E+00	1.24E+01	5.29E+01	1.92E-01	1.78E-01
1.08E+00	CHILD	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
8.01E-02	CHILD	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
0.00E+00	CHILD	VEG. ING	8.08E-02	1.05E+00	9.69E-02	9.69E-02	2.38E-01
0.00E+00	CHILD	MEAT ING	1.13E-02	1.50E-01	2.40E-02	2.40E-02	3.01E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.43E+01	CHILD	TOTALS	8.90E+00	1.47E+01	5.42E+01	1.48E+00	1.61E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.31E+01	TEENAGE	INHAL.	4.62E+00	1.31E+01	2.76E+01	8.95E-02	9.70E-02
1.08E+00	TEENAGE	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
8.01E-02	TEENAGE	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
0.00E+00	TEENAGE	VEG. ING	1.32E-01	1.72E+00	1.57E-01	1.57E-01	3.90E-01
0.00E+00	TEENAGE	MEAT ING	1.83E-02	2.43E-01	3.89E-02	3.89E-02	4.89E-02
	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.43E+01	TEENAGE	TOTALS	5.93E+00	1.62E+01	2.89E+01	1.45E+00	1.70E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.31E+01	ADULT	INHAL.	4.04E+00	1.27E+01	2.29E+01	7.51E-02	7.72E-02
1.08E+00	ADULT	GROUND	1.08E+00	1.08E+00	1.08E+00	1.08E+00	1.08E+00
8.01E-02	ADULT	CLOUD	8.01E-02	8.01E-02	8.01E-02	8.01E-02	8.01E-02
0.00E+00	ADULT	VEG. ING	1.82E-01	2.36E+00	2.17E-01	2.17E-01	5.39E-01



POWERTECH (USA) Inc.

0.00E+00	ADULT	MEAT ING	3.20E-02	4.25E-01	6.80E-02	6.80E-02	8.55E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.43E+01	ADULT	TOTALS	5.42E+00	1.67E+01	2.44E+01	1.52E+00	1.86E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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08/21/08
DURATION IN YRS IS...100.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

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

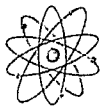
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	3.67E+01	3.73E+01	2.87E+02	1.02E+00	1.13E+00
2.63E-01	INFANT	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
7.29E-07	INFANT	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	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

2.63E-01	INFANT	TOTALS	3.69E+01	3.75E+01	2.88E+02	1.29E+00	1.40E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	1.79E+01	3.22E+01	1.38E+02	4.28E-01	4.35E-01
2.63E-01	CHILD	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
7.29E-07	CHILD	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07

0.00E+00	CHILD	VEG. ING	2.08E-01	2.70E+00	2.45E-01	2.45E-01	6.15E-01
0.00E+00	CHILD	MEAT ING	2.90E-02	3.86E-01	6.11E-02	6.11E-02	7.74E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.63E-01	CHILD	TOTALS	1.84E+01	3.55E+01	1.39E+02	9.97E-01	1.39E+00
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POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	TEENAGE	INHAL.	9.99E+00	3.42E+01	7.19E+01	2.02E-01	2.38E-01
2.63E-01	TEENAGE	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
7.29E-07	TEENAGE	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
0.00E+00	TEENAGE	VEG. ING	3.41E-01	4.43E+00	3.96E-01	3.96E-01	1.01E+00
0.00E+00	TEENAGE	MEAT ING	4.71E-02	6.26E-01	9.91E-02	9.91E-02	1.26E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.63E-01	TEENAGE	TOTALS	1.06E+01	3.95E+01	7.27E+01	9.61E-01	1.63E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	ADULT	INHAL.	8.50E+00	3.32E+01	5.99E+01	1.70E-01	1.89E-01
2.63E-01	ADULT	GROUND	2.63E-01	2.63E-01	2.63E-01	2.63E-01	2.63E-01
7.29E-07	ADULT	CLOUD	7.29E-07	7.29E-07	7.29E-07	7.29E-07	7.29E-07
0.00E+00	ADULT	VEG. ING	4.71E-01	6.11E+00	5.47E-01	5.47E-01	1.39E+00
0.00E+00	ADULT	MEAT ING	8.22E-02	1.09E+00	1.73E-01	1.73E-01	2.20E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.63E-01	ADULT	TOTALS	9.31E+00	4.06E+01	6.08E+01	1.15E+00	2.06E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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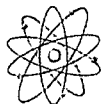
DURATION IN YRS IS...100.0

NUMBER 3 NAME=CPP NE X= 1.3KM, Y= 1.2KM, Z= 0.0M, DIST= 1.7KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.22E+01	INFANT	INHAL.	3.80E+01	3.73E+01	2.87E+02	1.09E+00	1.16E+00
2.82E+00	INFANT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
9.16E-02	INFANT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02



POWERTECH (USA) INC.

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

2.51E+01	INFANT	TOTALS	4.09E+01	4.02E+01	2.90E+02	4.00E+00	4.07E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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2.22E+01	CHILD	INHAL.	1.92E+01	3.22E+01	1.38E+02	4.57E-01	4.47E-01
2.82E+00	CHILD	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
9.16E-02	CHILD	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
0.00E+00	CHILD	VEG. ING	2.09E-01	2.72E+00	2.48E-01	2.48E-01	6.18E-01
0.00E+00	CHILD	MEAT ING	2.92E-02	3.88E-01	6.17E-02	6.17E-02	7.79E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.51E+01	CHILD	TOTALS	2.24E+01	3.82E+01	1.41E+02	3.68E+00	4.06E+00
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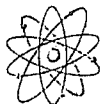
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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2.22E+01	TEENAGE	INHAL.	1.13E+01	3.42E+01	7.19E+01	2.15E-01	2.44E-01
2.82E+00	TEENAGE	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
9.16E-02	TEENAGE	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
0.00E+00	TEENAGE	VEG. ING	3.43E-01	4.45E+00	4.01E-01	4.01E-01	1.01E+00
0.00E+00	TEENAGE	MEAT ING	4.73E-02	6.29E-01	1.00E-01	1.00E-01	1.26E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.51E+01	TEENAGE	TOTALS	1.46E+01	4.22E+01	7.53E+01	3.63E+00	4.30E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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2.22E+01	ADULT	INHAL.	9.83E+00	3.32E+01	5.99E+01	1.80E-01	1.94E-01
2.82E+00	ADULT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
9.16E-02	ADULT	CLOUD	9.16E-02	9.16E-02	9.16E-02	9.16E-02	9.16E-02
0.00E+00	ADULT	VEG. ING	4.73E-01	6.13E+00	5.55E-01	5.55E-01	1.40E+00



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0.00E+00	ADULT	MEAT ING	8.27E-02	1.10E+00	1.75E-01	1.75E-01	2.21E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.51E+01	ADULT	TOTALS	1.33E+01	4.33E+01	6.35E+01	3.82E+00	4.73E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 145
08/21/08
DURATION IN YRS IS...100.0

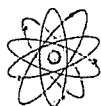
NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	1.66E+01	1.69E+01	1.30E+02	4.63E-01	5.12E-01
1.19E-01	INFANT	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
3.30E-07	INFANT	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
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
1.19E-01	INFANT	TOTALS	1.67E+01	1.70E+01	1.30E+02	5.82E-01	6.31E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	8.09E+00	1.46E+01	6.24E+01	1.94E-01	1.97E-01
1.19E-01	CHILD	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
3.30E-07	CHILD	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
0.00E+00	CHILD	VEG. ING	9.43E-02	1.22E+00	1.11E-01	1.11E-01	2.78E-01
0.00E+00	CHILD	MEAT ING	1.31E-02	1.74E-01	2.76E-02	2.76E-02	3.50E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.19E-01	CHILD	TOTALS	8.32E+00	1.61E+01	6.27E+01	4.51E-01	6.29E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	TEENAGE	INHAL.	4.52E+00	1.55E+01	3.25E+01	9.16E-02	1.08E-01
1.19E-01	TEENAGE	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01



POWERTECH (USA) Inc.

3.30E-07	TEENAGE	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
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0.00E+00	TEENAGE	VEG. ING	1.54E-01	2.00E+00	1.79E-01	1.79E-01	4.56E-01
0.00E+00	TEENAGE	MEAT ING	2.13E-02	2.83E-01	4.49E-02	4.49E-02	5.69E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.19E-01	TEENAGE	TOTALS	4.81E+00	1.79E+01	3.29E+01	4.35E-01	7.39E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	3.84E+00	1.50E+01	2.71E+01	7.69E-02	8.55E-02
1.19E-01	ADULT	GROUND	1.19E-01	1.19E-01	1.19E-01	1.19E-01	1.19E-01
3.30E-07	ADULT	CLOUD	3.30E-07	3.30E-07	3.30E-07	3.30E-07	3.30E-07
0.00E+00	ADULT	VEG. ING	2.13E-01	2.76E+00	2.48E-01	2.48E-01	6.30E-01
0.00E+00	ADULT	MEAT ING	3.72E-02	4.95E-01	7.84E-02	7.84E-02	9.94E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.19E-01	ADULT	TOTALS	4.21E+00	1.84E+01	2.75E+01	5.22E-01	9.34E-01
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1REGION: Dewey Burdock
METSET:

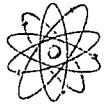
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 146
08/21/08
DURATION IN YRS IS...100.0

NUMBER 4 NAME=CPP ENE X= 2.9KM, Y= 1.1KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
1.46E+01	INFANT	INHAL.	1.75E+01	1.69E+01	1.30E+02	5.31E-01	5.39E-01
1.28E+00	INFANT	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
7.21E-02	INFANT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
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



POWERTECH (USA) Inc.

1.60E+01	INFANT	TOTALS	1.88E+01	1.82E+01	1.31E+02	1.88E+00	1.89E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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1.46E+01	CHILD	INHAL.	8.97E+00	1.46E+01	6.24E+01	2.24E-01	2.09E-01
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1.28E+00	CHILD	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
7.21E-02	CHILD	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
0.00E+00	CHILD	VEG. ING	9.53E-02	1.24E+00	1.14E-01	1.14E-01	2.81E-01
0.00E+00	CHILD	MEAT ING	1.33E-02	1.77E-01	2.82E-02	2.82E-02	3.55E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.60E+01	CHILD	TOTALS	1.04E+01	1.73E+01	6.39E+01	1.72E+00	1.88E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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1.46E+01	TEENAGE	INHAL.	5.40E+00	1.55E+01	3.25E+01	1.04E-01	1.14E-01
1.28E+00	TEENAGE	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
7.21E-02	TEENAGE	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
0.00E+00	TEENAGE	VEG. ING	1.56E-01	2.02E+00	1.85E-01	1.85E-01	4.60E-01
0.00E+00	TEENAGE	MEAT ING	2.16E-02	2.87E-01	4.59E-02	4.59E-02	5.77E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.60E+01	TEENAGE	TOTALS	6.93E+00	1.92E+01	3.41E+01	1.69E+00	1.98E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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1.46E+01	ADULT	INHAL.	4.72E+00	1.50E+01	2.71E+01	8.76E-02	9.06E-02
1.28E+00	ADULT	GROUND	1.28E+00	1.28E+00	1.28E+00	1.28E+00	1.28E+00
7.21E-02	ADULT	CLOUD	7.21E-02	7.21E-02	7.21E-02	7.21E-02	7.21E-02
0.00E+00	ADULT	VEG. ING	2.15E-01	2.79E+00	2.55E-01	2.55E-01	6.36E-01
0.00E+00	ADULT	MEAT ING	3.77E-02	5.01E-01	8.01E-02	8.01E-02	1.01E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTech (USA) Inc.

ADULT TOTALS 6.33E+00 1.97E+01 2.88E+01 1.77E+00 2.18E+00
1.60E+01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE 147
08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

NUMBER 5 NAME=CPP E

X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

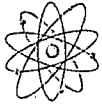
0.00E+00	INFANT	INHAL.	2.36E+01	2.40E+01	1.85E+02	6.58E-01	7.29E-01
1.69E-01	INFANT	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
4.69E-07	INFANT	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	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

1.69E-01	INFANT	TOTALS	2.38E+01	2.42E+01	1.85E+02	8.28E-01	8.98E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	CHILD	INHAL.	1.15E+01	2.07E+01	8.88E+01	2.76E-01	2.80E-01
1.69E-01	CHILD	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01
4.69E-07	CHILD	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
0.00E+00	CHILD	VEG. ING	1.34E-01	1.74E+00	1.57E-01	1.57E-01	3.96E-01
0.00E+00	CHILD	MEAT ING	1.87E-02	2.48E-01	3.93E-02	3.93E-02	4.98E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.69E-01	CHILD	TOTALS	1.18E+01	2.29E+01	8.92E+01	6.42E-01	8.95E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	6.43E+00	2.20E+01	4.63E+01	1.30E-01	1.53E-01
1.69E-01	TEENAGE	GROUND	1.69E-01	1.69E-01	1.69E-01	1.69E-01	1.69E-01



POWERTECH (USA) Inc.

4.69E-07	TEENAGE	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
0.00E+00	TEENAGE	VEG. ING	2.20E-01	2.85E+00	2.55E-01	2.55E-01	6.48E-01
0.00E+00	TEENAGE	MEAT ING	3.03E-02	4.03E-01	6.38E-02	6.38E-02	8.09E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.69E-01 TEENAGE TOTALS 6.85E+00 2.54E+01 4.68E+01 6.18E-01 1.05E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00 ADULT INHAL. 5.47E+00 2.13E+01 3.85E+01 1.09E-01 1.22E-01
1.69E-01 ADULT GROUND 1.69E-01 1.69E-01 1.69E-01 1.69E-01 1.69E-01

4.69E-07	ADULT	CLOUD	4.69E-07	4.69E-07	4.69E-07	4.69E-07	4.69E-07
0.00E+00	ADULT	VEG. ING	3.03E-01	3.93E+00	3.52E-01	3.52E-01	8.96E-01
0.00E+00	ADULT	MEAT ING	5.29E-02	7.04E-01	1.12E-01	1.12E-01	1.41E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.69E-01 ADULT TOTALS 5.99E+00 2.61E+01 3.91E+01 7.43E-01 1.33E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 148
08/21/08
DURATION IN YRS IS...100.0

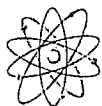
NUMBER 5 NAME=CPP E X= 2.8KM, Y= -0.1KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

2.48E+01 INFANT INHAL. 2.51E+01 2.40E+01 1.85E+02 7.32E-01 7.57E-01
1.82E+00 INFANT GROUND 1.82E+00 1.82E+00 1.82E+00 1.82E+00 1.82E+00
7.81E-02 INFANT CLOUD 7.81E-02 7.81E-02 7.81E-02 7.81E-02 7.81E-02
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

2.67E+01 INFANT TOTALS 2.70E+01 2.59E+01 1.87E+02 2.63E+00 2.65E+00



POWERTECH (USA) INC.

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.48E+01	CHILD	INHAL.	1.30E+01	2.07E+01	8.88E+01	3.08E-01	2.93E-01
1.82E+00	CHILD	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
7.81E-02	CHILD	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
0.00E+00	CHILD	VEG. ING	1.35E-01	1.75E+00	1.61E-01	1.61E-01	3.99E-01
0.00E+00	CHILD	MEAT ING	1.89E-02	2.50E-01	4.00E-02	4.00E-02	5.04E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.67E+01	CHILD	TOTALS	1.51E+01	2.46E+01	9.09E+01	2.41E+00	2.64E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

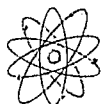
2.48E+01	TEENAGE	INHAL.	7.92E+00	2.20E+01	4.63E+01	1.44E-01	1.60E-01
1.82E+00	TEENAGE	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
7.81E-02	TEENAGE	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
0.00E+00	TEENAGE	VEG. ING	2.21E-01	2.87E+00	2.61E-01	2.61E-01	6.53E-01
0.00E+00	TEENAGE	MEAT ING	3.06E-02	4.06E-01	6.49E-02	6.49E-02	8.17E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.67E+01	TEENAGE	TOTALS	1.01E+01	2.72E+01	4.85E+01	2.37E+00	2.79E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.48E+01	ADULT	INHAL.	6.96E+00	2.14E+01	3.85E+01	1.21E-01	1.27E-01
1.82E+00	ADULT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
7.81E-02	ADULT	CLOUD	7.81E-02	7.81E-02	7.81E-02	7.81E-02	7.81E-02
0.00E+00	ADULT	VEG. ING	3.05E-01	3.96E+00	3.61E-01	3.61E-01	9.03E-01
0.00E+00	ADULT	MEAT ING	5.35E-02	7.10E-01	1.13E-01	1.13E-01	1.43E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.67E+01	ADULT	TOTALS	9.21E+00	2.79E+01	4.09E+01	2.49E+00	3.07E+00



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 149
08/21/08

DURATION IN YRS IS...100.0

NUMBER 6 NAME=CPP ESE

X= 2.8KM, Y= -1.3KM, Z= 0.0M, 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.	2.36E+01	2.40E+01	1.85E+02	6.59E-01	7.29E-01
0.00E+00	INFANT	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
1.70E-01	INFANT	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
4.70E-07	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	INFANT	TOTALS	2.38E+01	2.42E+01	1.85E+02	8.28E-01	8.99E-01
1.70E-01							

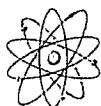
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	CHILD	INHAL.	1.15E+01	2.07E+01	8.89E+01	2.76E-01	2.80E-01
0.00E+00	CHILD	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
1.70E-01	CHILD	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
4.70E-07	CHILD	VEG. ING	1.34E-01	1.74E+00	1.58E-01	1.58E-01	3.96E-01
0.00E+00	CHILD	MEAT ING	1.87E-02	2.48E-01	3.93E-02	3.93E-02	4.99E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	CHILD	TOTALS	1.18E+01	2.29E+01	8.93E+01	6.42E-01	8.95E-01
1.70E-01							

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	TEENAGE	INHAL.	6.43E+00	2.20E+01	4.63E+01	1.30E-01	1.53E-01
0.00E+00	TEENAGE	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
1.70E-01	TEENAGE	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
4.70E-07							



POWERTECH (USA) INC.

0.00E+00	TEENAGE	VEG. ING	2.20E-01	2.85E+00	2.55E-01	2.55E-01	6.49E-01
0.00E+00	TEENAGE	MEAT ING	3.03E-02	4.03E-01	6.39E-02	6.39E-02	8.09E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.70E-01	TEENAGE	TOTALS	6.85E+00	2.54E+01	4.68E+01	6.19E-01	1.05E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

0.00E+00	ADULT	INHAL.	5.47E+00	2.14E+01	3.85E+01	1.09E-01	1.22E-01
1.70E-01	ADULT	GROUND	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
4.70E-07	ADULT	CLOUD	4.70E-07	4.70E-07	4.70E-07	4.70E-07	4.70E-07
0.00E+00	ADULT	VEG. ING	3.03E-01	3.93E+00	3.53E-01	3.53E-01	8.96E-01
0.00E+00	ADULT	MEAT ING	5.30E-02	7.05E-01	1.12E-01	1.12E-01	1.41E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.70E-01	ADULT	TOTALS	6.00E+00	2.62E+01	3.92E+01	7.43E-01	1.33E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97) PAGE 150
DATA: DB.MIL 08/21/08
TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 6 NAME=CPP ESE X= 2.8KM, Y= -1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

5.20E+01	INFANT	INHAL.	2.67E+01	2.40E+01	1.85E+02	7.52E-01	7.66E-01
1.82E+00	INFANT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
1.25E-01	INFANT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
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

5.39E+01	INFANT	TOTALS	2.87E+01	2.60E+01	1.87E+02	2.70E+00	2.71E+00
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POWERTECH (USA) Inc.

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

5.20E+01	CHILD	INHAL.	1.46E+01	2.07E+01	8.89E+01	3.18E-01	2.97E-01
1.82E+00	CHILD	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
1.25E-01	CHILD	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
0.00E+00	CHILD	VEG. ING	1.36E-01	1.76E+00	1.62E-01	1.62E-01	4.00E-01
0.00E+00	CHILD	MEAT ING	1.89E-02	2.51E-01	4.02E-02	4.02E-02	5.05E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

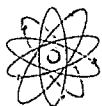
5.39E+01	CHILD	TOTALS	1.67E+01	2.47E+01	9.10E+01	2.47E+00	2.70E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

5.20E+01	TEENAGE	INHAL.	9.55E+00	2.20E+01	4.63E+01	1.48E-01	1.62E-01
1.82E+00	TEENAGE	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
1.25E-01	TEENAGE	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
0.00E+00	TEENAGE	VEG. ING	2.22E-01	2.88E+00	2.63E-01	2.63E-01	6.55E-01
0.00E+00	TEENAGE	MEAT ING	3.07E-02	4.08E-01	6.52E-02	6.52E-02	8.20E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.39E+01	TEENAGE	TOTALS	1.18E+01	2.73E+01	4.86E+01	2.42E+00	2.85E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

5.20E+01	ADULT	INHAL.	8.59E+00	2.14E+01	3.85E+01	1.24E-01	1.29E-01
1.82E+00	ADULT	GROUND	1.82E+00	1.82E+00	1.82E+00	1.82E+00	1.82E+00
1.25E-01	ADULT	CLOUD	1.25E-01	1.25E-01	1.25E-01	1.25E-01	1.25E-01
0.00E+00	ADULT	VEG. ING	3.06E-01	3.97E+00	3.63E-01	3.63E-01	9.05E-01
0.00E+00	ADULT	MEAT ING	5.37E-02	7.13E-01	1.14E-01	1.14E-01	1.43E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.39E+01	ADULT	TOTALS	1.09E+01	2.80E+01	4.10E+01	2.55E+00	3.12E+00



POWERTECH (USA) Inc.

METSET:

DATA: DB.MIL
TIME STEP NUMBER 2,

08/21/08

DURATION IN YRS IS...100.0

NUMBER 7 NAME=CPP SSE

X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

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

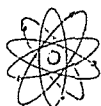
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	4.17E+01	4.24E+01	3.27E+02	1.16E+00	1.29E+00
2.99E-01	INFANT	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
8.29E-07	INFANT	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	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

2.99E-01	INFANT	TOTALS	4.20E+01	4.27E+01	3.27E+02	1.46E+00	1.59E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	2.03E+01	3.66E+01	1.57E+02	4.87E-01	4.94E-01
2.99E-01	CHILD	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
8.29E-07	CHILD	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
0.00E+00	CHILD	VEG. ING	2.37E-01	3.08E+00	2.78E-01	2.78E-01	6.99E-01
0.00E+00	CHILD	MEAT ING	3.30E-02	4.39E-01	6.95E-02	6.95E-02	8.81E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.99E-01	CHILD	TOTALS	2.09E+01	4.04E+01	1.58E+02	1.13E+00	1.58E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	TEENAGE	INHAL.	1.14E+01	3.89E+01	8.18E+01	2.30E-01	2.71E-01
2.99E-01	TEENAGE	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
8.29E-07	TEENAGE	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
0.00E+00	TEENAGE	VEG. ING	3.88E-01	5.04E+00	4.51E-01	4.51E-01	1.15E+00
0.00E+00	TEENAGE	MEAT ING	5.35E-02	7.12E-01	1.13E-01	1.13E-01	1.43E-01



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.99E-01	TEENAGE	TOTALS	1.21E+01	4.49E+01	8.26E+01	1.09E+00	1.86E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	9.66E+00	3.77E+01	6.80E+01	1.93E-01	2.15E-01
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	ADULT	GROUND	2.99E-01	2.99E-01	2.99E-01	2.99E-01	2.99E-01
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2.99E-01	ADULT	CLOUD	8.29E-07	8.29E-07	8.29E-07	8.29E-07	8.29E-07
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8.29E-07	ADULT	VEG. ING	5.35E-01	6.95E+00	6.23E-01	6.23E-01	1.58E+00
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0.00E+00	ADULT	MEAT ING	9.36E-02	1.24E+00	1.97E-01	1.97E-01	2.50E-01
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.99E-01	ADULT	TOTALS	1.06E+01	4.62E+01	6.92E+01	1.31E+00	2.35E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE 152
08/21/08

TIME STEP NUMBER 2, DURATION IN YRS IS...100.0

NUMBER 7 NAME=CPP SSE X= 1.0KM, Y= -2.5KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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4.71E+01	INFANT	INHAL.	4.45E+01	4.24E+01	3.27E+02	1.32E+00	1.35E+00
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3.22E+00	INFANT	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
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2.18E-01	INFANT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
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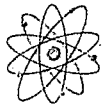
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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5.06E+01	INFANT	TOTALS	4.80E+01	4.59E+01	3.30E+02	4.75E+00	4.78E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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POWERTECH (USA) INC.

4.71E+01	CHILD	INHAL.	2.32E+01	3.66E+01	1.57E+02	5.57E-01	5.23E-01
3.22E+00	CHILD	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
2.18E-01	CHILD	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
0.00E+00	CHILD	VEG. ING	2.39E-01	3.10E+00	2.86E-01	2.86E-01	7.06E-01
0.00E+00	CHILD	MEAT ING	3.34E-02	4.43E-01	7.09E-02	7.09E-02	8.92E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.06E+01	CHILD	TOTALS	2.69E+01	4.36E+01	1.61E+02	4.35E+00	4.75E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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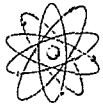
4.71E+01	TEENAGE	INHAL.	1.42E+01	3.89E+01	8.18E+01	2.60E-01	2.85E-01
3.22E+00	TEENAGE	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
2.18E-01	TEENAGE	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
0.00E+00	TEENAGE	VEG. ING	3.92E-01	5.08E+00	4.64E-01	4.64E-01	1.16E+00
0.00E+00	TEENAGE	MEAT ING	5.42E-02	7.20E-01	1.15E-01	1.15E-01	1.45E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.06E+01	TEENAGE	TOTALS	1.81E+01	4.82E+01	8.58E+01	4.27E+00	5.02E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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4.71E+01	ADULT	INHAL.	1.25E+01	3.77E+01	6.80E+01	2.18E-01	2.27E-01
3.22E+00	ADULT	GROUND	3.22E+00	3.22E+00	3.22E+00	3.22E+00	3.22E+00
2.18E-01	ADULT	CLOUD	2.18E-01	2.18E-01	2.18E-01	2.18E-01	2.18E-01
0.00E+00	ADULT	VEG. ING	5.41E-01	7.01E+00	6.41E-01	6.41E-01	1.60E+00
0.00E+00	ADULT	MEAT ING	9.48E-02	1.26E+00	2.01E-01	2.01E-01	2.53E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.06E+01	ADULT	TOTALS	1.66E+01	4.94E+01	7.23E+01	4.49E+00	5.51E+00
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POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 153
08/21/08
DURATION IN YRS IS...100.0

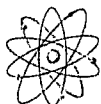
NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	2.78E+01	2.83E+01	2.18E+02	7.75E-01	8.58E-01
1.99E-01	INFANT	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
5.53E-07	INFANT	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
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

1.99E-01	INFANT	TOTALS	2.80E+01	2.85E+01	2.18E+02	9.75E-01	1.06E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
0.00E+00	CHILD	INHAL.	1.36E+01	2.44E+01	1.05E+02	3.25E-01	3.29E-01
1.99E-01	CHILD	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
5.53E-07	CHILD	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
0.00E+00	CHILD	VEG. ING	1.58E-01	2.05E+00	1.85E-01	1.85E-01	4.66E-01
0.00E+00	CHILD	MEAT ING	2.20E-02	2.92E-01	4.63E-02	4.63E-02	5.87E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.99E-01	CHILD	TOTALS	1.39E+01	2.69E+01	1.05E+02	7.56E-01	1.05E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
0.00E+00	TEENAGE	INHAL.	7.57E+00	2.59E+01	5.45E+01	1.53E-01	1.80E-01
1.99E-01	TEENAGE	GROUND	1.99E-01	1.99E-01	1.99E-01	1.99E-01	1.99E-01
5.53E-07	TEENAGE	CLOUD	5.53E-07	5.53E-07	5.53E-07	5.53E-07	5.53E-07
0.00E+00	TEENAGE	VEG. ING	2.59E-01	3.36E+00	3.00E-01	3.00E-01	7.63E-01
0.00E+00	TEENAGE	MEAT ING	3.57E-02	4.74E-01	7.52E-02	7.52E-02	9.52E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



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1.99E-01  TEENAGE  TOTALS  8.06E+00  2.99E+01  5.51E+01  7.28E-01  1.24E+00
BRONCHI
AGE  PATHWAY  EFFECTIV  BONE  AVG.LUNG  LIVER  KIDNEY
-----
0.00E+00  ADULT  INHAL.  6.44E+00  2.51E+01  4.53E+01  1.29E-01  1.43E-01
0.00E+00  ADULT  GROUND  1.99E-01  1.99E-01  1.99E-01  1.99E-01  1.99E-01
1.99E-01  ADULT  CLOUD  5.53E-07  5.53E-07  5.53E-07  5.53E-07  5.53E-07
5.53E-07  ADULT  VEG. ING  3.57E-01  4.63E+00  4.15E-01  4.15E-01  1.05E+00
0.00E+00  ADULT  MEAT ING  6.24E-02  8.29E-01  1.31E-01  1.31E-01  1.66E-01
0.00E+00  ADULT  MILK ING  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
0.00E+00
-----
1.99E-01  ADULT  TOTALS  7.06E+00  3.08E+01  4.61E+01  8.75E-01  1.56E+00
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1REGION: Dewey Burdock
METSET:

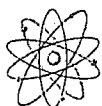
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 154
08/21/08
DURATION IN YRS IS...100.0

NUMBER 8 NAME=CPP SE X= 2.0KM, Y= -2.1KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

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

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BRONCHI
AGE  PATHWAY  EFFECTIV  BONE  AVG.LUNG  LIVER  KIDNEY
-----
6.15E+01  INFANT  INHAL.  3.15E+01  2.83E+01  2.18E+02  9.06E-01  9.09E-01
2.15E+00  INFANT  GROUND  2.15E+00  2.15E+00  2.15E+00  2.15E+00  2.15E+00
2.00E-01  INFANT  CLOUD  2.00E-01  2.00E-01  2.00E-01  2.00E-01  2.00E-01
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
-----
6.39E+01  INFANT  TOTALS  3.38E+01  3.06E+01  2.20E+02  3.25E+00  3.25E+00
BRONCHI
AGE  PATHWAY  EFFECTIV  BONE  AVG.LUNG  LIVER  KIDNEY
-----
6.15E+01  CHILD  INHAL.  1.73E+01  2.44E+01  1.05E+02  3.83E-01  3.53E-01
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POWERTECH (USA) INC.

2.15E+00	CHILD	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
2.00E-01	CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
0.00E+00	CHILD	VEG. ING	1.60E-01	2.07E+00	1.92E-01	1.92E-01	4.71E-01

0.00E+00	CHILD	MEAT ING	2.23E-02	2.96E-01	4.75E-02	4.75E-02	5.96E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6.39E+01	CHILD	TOTALS	1.98E+01	2.91E+01	1.07E+02	2.97E+00	3.23E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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6.15E+01	TEENAGE	INHAL.	1.13E+01	2.60E+01	5.45E+01	1.78E-01	1.92E-01
2.15E+00	TEENAGE	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
2.00E-01	TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
0.00E+00	TEENAGE	VEG. ING	2.62E-01	3.40E+00	3.11E-01	3.11E-01	7.72E-01
0.00E+00	TEENAGE	MEAT ING	3.62E-02	4.81E-01	7.71E-02	7.71E-02	9.68E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6.39E+01	TEENAGE	TOTALS	1.39E+01	3.22E+01	5.72E+01	2.91E+00	3.41E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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6.15E+01	ADULT	INHAL.	1.01E+01	2.52E+01	4.53E+01	1.50E-01	1.53E-01
2.15E+00	ADULT	GROUND	2.15E+00	2.15E+00	2.15E+00	2.15E+00	2.15E+00
2.00E-01	ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
0.00E+00	ADULT	VEG. ING	3.61E-01	4.68E+00	4.30E-01	4.30E-01	1.07E+00
0.00E+00	ADULT	MEAT ING	6.33E-02	8.41E-01	1.35E-01	1.35E-01	1.69E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6.39E+01	ADULT	TOTALS	1.29E+01	3.30E+01	4.83E+01	3.06E+00	3.74E+00
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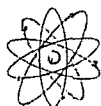
1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 155
08/21/08
DURATION IN YRS IS...100.0

NUMBER 9 NAME=CPP S

X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10



POWERTECH (USA) Inc.

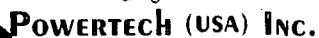
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
0.00E+00	INFANT	INHAL.	9.24E+01	9.39E+01	7.24E+02	2.58E+00	2.85E+00
6.63E-01	INFANT	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01

1.84E-06	INFANT	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
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
6.63E-01	INFANT	TOTALS	9.30E+01	9.45E+01	7.24E+02	3.24E+00	3.51E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
0.00E+00	CHILD	INHAL.	4.51E+01	8.11E+01	3.48E+02	1.08E+00	1.09E+00
6.63E-01	CHILD	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
1.84E-06	CHILD	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
0.00E+00	CHILD	VEG. ING	5.25E-01	6.82E+00	6.16E-01	6.16E-01	1.55E+00
0.00E+00	CHILD	MEAT ING	7.31E-02	9.72E-01	1.54E-01	1.54E-01	1.95E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
6.63E-01	CHILD	TOTALS	4.63E+01	8.95E+01	3.49E+02	2.51E+00	3.50E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
0.00E+00	TEENAGE	INHAL.	2.51E+01	8.61E+01	1.81E+02	5.10E-01	5.99E-01
6.63E-01	TEENAGE	GROUND	6.63E-01	6.63E-01	6.63E-01	6.63E-01	6.63E-01
1.84E-06	TEENAGE	CLOUD	1.84E-06	1.84E-06	1.84E-06	1.84E-06	1.84E-06
0.00E+00	TEENAGE	VEG. ING	8.60E-01	1.12E+01	9.98E-01	9.98E-01	2.54E+00
0.00E+00	TEENAGE	MEAT ING	1.19E-01	1.58E+00	2.50E-01	2.50E-01	3.17E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

3.50E+01	INFANT	INHAL.	9.45E+01	9.39E+01	7.24E+02	2.75E+00	2.92E+00
7.12E+00	INFANT	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
2.00E-01	INFANT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
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

4.23E+01	INFANT	TOTALS	1.02E+02	1.01E+02	7.31E+02	1.01E+01	1.02E+01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

3.50E+01	CHILD	INHAL.	4.72E+01	8.11E+01	3.48E+02	1.16E+00	1.13E+00



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7.12E+00	CHILD	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
2.00E-01	CHILD	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
0.00E+00	CHILD	VEG. ING	5.28E-01	6.85E+00	6.25E-01	6.25E-01	1.56E+00
0.00E+00	CHILD	MEAT ING	7.35E-02	9.77E-01	1.56E-01	1.56E-01	1.96E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.23E+01	CHILD	TOTALS	5.51E+01	9.62E+01	3.56E+02	9.26E+00	1.02E+01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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3.50E+01	TEENAGE	INHAL.	2.72E+01	8.61E+01	1.81E+02	5.43E-01	6.16E-01
7.12E+00	TEENAGE	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
2.00E-01	TEENAGE	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01

0.00E+00	TEENAGE	VEG. ING	8.64E-01	1.12E+01	1.01E+00	1.01E+00	2.55E+00
0.00E+00	TEENAGE	MEAT ING	1.19E-01	1.59E+00	2.52E-01	2.52E-01	3.19E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.23E+01	TEENAGE	TOTALS	3.55E+01	1.06E+02	1.90E+02	9.13E+00	1.08E+01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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3.50E+01	ADULT	INHAL.	2.35E+01	8.35E+01	1.51E+02	4.56E-01	4.89E-01
7.12E+00	ADULT	GROUND	7.12E+00	7.12E+00	7.12E+00	7.12E+00	7.12E+00
2.00E-01	ADULT	CLOUD	2.00E-01	2.00E-01	2.00E-01	2.00E-01	2.00E-01
0.00E+00	ADULT	VEG. ING	1.19E+00	1.55E+01	1.40E+00	1.40E+00	3.52E+00
0.00E+00	ADULT	MEAT ING	2.09E-01	2.77E+00	4.41E-01	4.41E-01	5.57E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.23E+01	ADULT	TOTALS	3.22E+01	1.09E+02	1.60E+02	9.61E+00	1.19E+01
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1REGION: Dewey Burdock
METSET:

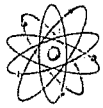
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 157
08/21/08

DURATION IN YRS IS...100.0

NUMBER 10 NAME=CPP SSW

X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10



POWERTech (USA) Inc.

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

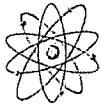
0.00E+00	INFANT	INHAL.	2.82E+01	2.87E+01	2.21E+02	7.88E-01	8.72E-01
2.03E-01	INFANT	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
5.61E-07	INFANT	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	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

2.03E-01	INFANT	TOTALS	2.84E+01	2.89E+01	2.21E+02	9.90E-01	1.07E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	CHILD	INHAL.	1.38E+01	2.48E+01	1.06E+02	3.30E-01	3.35E-01
2.03E-01	CHILD	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
5.61E-07	CHILD	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
0.00E+00	CHILD	VEG. ING	1.61E-01	2.08E+00	1.88E-01	1.88E-01	4.73E-01
0.00E+00	CHILD	MEAT ING	2.23E-02	2.97E-01	4.71E-02	4.71E-02	5.96E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.03E-01	CHILD	TOTALS	1.42E+01	2.74E+01	1.07E+02	7.68E-01	1.07E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	7.69E+00	2.63E+01	5.53E+01	1.56E-01	1.83E-01
2.03E-01	TEENAGE	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
5.61E-07	TEENAGE	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
0.00E+00	TEENAGE	VEG. ING	2.63E-01	3.41E+00	3.05E-01	3.05E-01	7.75E-01
0.00E+00	TEENAGE	MEAT ING	3.63E-02	4.82E-01	7.64E-02	7.64E-02	9.68E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) Inc.

2.03E-01	TEENAGE	TOTALS	8.19E+00	3.04E+01	5.59E+01	7.40E-01	1.26E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	6.54E+00	2.55E+01	4.61E+01	1.31E-01	1.45E-01
2.03E-01	ADULT	GROUND	2.03E-01	2.03E-01	2.03E-01	2.03E-01	2.03E-01
5.61E-07	ADULT	CLOUD	5.61E-07	5.61E-07	5.61E-07	5.61E-07	5.61E-07
0.00E+00	ADULT	VEG. ING	3.62E-01	4.70E+00	4.22E-01	4.22E-01	1.07E+00
0.00E+00	ADULT	MEAT ING	6.34E-02	8.43E-01	1.34E-01	1.34E-01	1.69E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.03E-01	ADULT	TOTALS	7.17E+00	3.13E+01	4.68E+01	8.89E-01	1.59E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 158
08/21/08
DURATION IN YRS IS...100.0

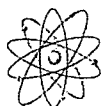
NUMBER 10 NAME=CPP SSW

X= -1.3KM, Y= -2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.51E+01	INFANT	INHAL.	2.97E+01	2.87E+01	2.21E+02	9.78E-01	9.46E-01
2.18E+00	INFANT	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
1.70E-01	INFANT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
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



POWERTECH (USA) Inc.

0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.75E+01	INFANT	TOTALS	3.21E+01	3.11E+01	2.23E+02	3.32E+00	3.29E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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2.51E+01	CHILD	INHAL.	1.53E+01	2.48E+01	1.06E+02	4.14E-01	3.69E-01
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2.18E+00	CHILD	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
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1.70E-01	CHILD	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
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0.00E+00	CHILD	VEG. ING	1.63E-01	2.12E+00	1.98E-01	1.98E-01	4.81E-01
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0.00E+00	CHILD	MEAT ING	2.28E-02	3.03E-01	4.88E-02	4.88E-02	6.10E-02
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0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.75E+01	CHILD	TOTALS	1.78E+01	2.96E+01	1.09E+02	3.01E+00	3.26E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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2.51E+01	TEENAGE	INHAL.	9.20E+00	2.64E+01	5.53E+01	1.92E-01	2.01E-01
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2.18E+00	TEENAGE	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
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1.70E-01	TEENAGE	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
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0.00E+00	TEENAGE	VEG. ING	2.67E-01	3.47E+00	3.21E-01	3.21E-01	7.88E-01
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0.00E+00	TEENAGE	MEAT ING	3.71E-02	4.92E-01	7.92E-02	7.92E-02	9.90E-02
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0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.75E+01	TEENAGE	TOTALS	1.19E+01	3.27E+01	5.81E+01	2.94E+00	3.44E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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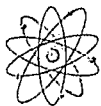
2.51E+01	ADULT	INHAL.	8.05E+00	2.56E+01	4.61E+01	1.61E-01	1.60E-01
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2.18E+00	ADULT	GROUND	2.18E+00	2.18E+00	2.18E+00	2.18E+00	2.18E+00
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1.70E-01	ADULT	CLOUD	1.70E-01	1.70E-01	1.70E-01	1.70E-01	1.70E-01
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0.00E+00	ADULT	VEG. ING	3.69E-01	4.78E+00	4.44E-01	4.44E-01	1.09E+00
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0.00E+00	ADULT	MEAT ING	6.48E-02	8.59E-01	1.38E-01	1.38E-01	1.73E-01
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PowerTech (USA) Inc.

0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.75E+01	ADULT	TOTALS	1.08E+01	3.36E+01	4.90E+01	3.09E+00	3.77E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 159
08/21/08

DURATION IN YRS IS...100.0

NUMBER 11 NAME=CPP SW X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

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

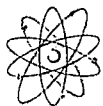
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	2.01E+01	2.04E+01	1.57E+02	5.60E-01	6.20E-01
1.44E-01	INFANT	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
3.99E-07	INFANT	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	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

1.44E-01	INFANT	TOTALS	2.02E+01	2.06E+01	1.57E+02	7.04E-01	7.64E-01
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	9.79E+00	1.76E+01	7.55E+01	2.35E-01	2.38E-01
1.44E-01	CHILD	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01

3.99E-07	CHILD	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
0.00E+00	CHILD	VEG. ING	1.14E-01	1.48E+00	1.34E-01	1.34E-01	3.36E-01
0.00E+00	CHILD	MEAT ING	1.59E-02	2.11E-01	3.35E-02	3.35E-02	4.24E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.44E-01	CHILD	TOTALS	1.01E+01	1.95E+01	7.58E+01	5.46E-01	7.61E-01
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POWERTECH (USA) INC.

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	5.46E+00	1.87E+01	3.93E+01	1.11E-01	1.30E-01
1.44E-01	TEENAGE	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
3.99E-07	TEENAGE	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
0.00E+00	TEENAGE	VEG. ING	1.87E-01	2.43E+00	2.17E-01	2.17E-01	5.51E-01
0.00E+00	TEENAGE	MEAT ING	2.58E-02	3.43E-01	5.43E-02	5.43E-02	6.88E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.44E-01	TEENAGE	TOTALS	5.82E+00	2.16E+01	3.97E+01	5.26E-01	8.94E-01

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	4.65E+00	1.82E+01	3.27E+01	9.31E-02	1.03E-01
1.44E-01	ADULT	GROUND	1.44E-01	1.44E-01	1.44E-01	1.44E-01	1.44E-01
3.99E-07	ADULT	CLOUD	3.99E-07	3.99E-07	3.99E-07	3.99E-07	3.99E-07
0.00E+00	ADULT	VEG. ING	2.58E-01	3.34E+00	3.00E-01	3.00E-01	7.61E-01
0.00E+00	ADULT	MEAT ING	4.50E-02	5.99E-01	9.49E-02	9.49E-02	1.20E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.44E-01	ADULT	TOTALS	5.09E+00	2.22E+01	3.33E+01	6.32E-01	1.13E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 160
08/21/08
DURATION IN YRS IS...100.0

NUMBER 11 NAME=CPP SW X= -2.1KM, Y= -2.0KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.39E+01	INFANT	INHAL.	2.15E+01	2.04E+01	1.57E+02	7.27E-01	6.85E-01
1.55E+00	INFANT	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00



POWERTECH (USA) INC.

1.63E-01	INFANT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
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

2.56E+01	INFANT	TOTALS	2.32E+01	2.22E+01	1.59E+02	2.44E+00	2.40E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.39E+01	CHILD	INHAL.	1.12E+01	1.77E+01	7.55E+01	3.09E-01	2.68E-01
1.55E+00	CHILD	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
1.63E-01	CHILD	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
0.00E+00	CHILD	VEG. ING	1.17E-01	1.51E+00	1.42E-01	1.42E-01	3.43E-01
0.00E+00	CHILD	MEAT ING	1.63E-02	2.16E-01	3.50E-02	3.50E-02	4.36E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.56E+01	CHILD	TOTALS	1.31E+01	2.11E+01	7.74E+01	2.20E+00	2.37E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.39E+01	TEENAGE	INHAL.	6.90E+00	1.88E+01	3.93E+01	1.43E-01	1.46E-01
1.55E+00	TEENAGE	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00
1.63E-01	TEENAGE	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
0.00E+00	TEENAGE	VEG. ING	1.91E-01	2.47E+00	2.31E-01	2.31E-01	5.62E-01
0.00E+00	TEENAGE	MEAT ING	2.65E-02	3.51E-01	5.68E-02	5.68E-02	7.08E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.56E+01	TEENAGE	TOTALS	8.83E+00	2.33E+01	4.13E+01	2.14E+00	2.49E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.39E+01	ADULT	INHAL.	6.08E+00	1.82E+01	3.27E+01	1.20E-01	1.16E-01
1.55E+00	ADULT	GROUND	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.55E+00



POWERTECH (USA) INC.

1.63E-01	ADULT	CLOUD	1.63E-01	1.63E-01	1.63E-01	1.63E-01	1.63E-01
0.00E+00	ADULT	VEG. ING	2.63E-01	3.41E+00	3.19E-01	3.19E-01	7.77E-01
0.00E+00	ADULT	MEAT ING	4.63E-02	6.13E-01	9.92E-02	9.92E-02	1.24E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.56E+01	ADULT	TOTALS	8.10E+00	2.39E+01	3.49E+01	2.25E+00	2.73E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL ,
TIME STEP NUMBER 2,

PAGE 161
08/21/08
DURATION IN YRS IS...100.0

NUMBER 12 NAME=CPP WSW

X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

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

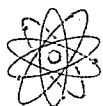
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	5.27E+01	5.36E+01	4.13E+02	1.47E+00	1.63E+00
3.78E-01	INFANT	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
1.05E-06	INFANT	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	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

3.78E-01	INFANT	TOTALS	5.31E+01	5.40E+01	4.13E+02	1.85E+00	2.01E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	2.57E+01	4.63E+01	1.98E+02	6.16E-01	6.25E-01
3.78E-01	CHILD	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
1.05E-06	CHILD	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
0.00E+00	CHILD	VEG. ING	3.00E-01	3.89E+00	3.52E-01	3.52E-01	8.84E-01
0.00E+00	CHILD	MEAT ING	4.17E-02	5.55E-01	8.79E-02	8.79E-02	1.11E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.78E-01	CHILD	TOTALS	2.64E+01	5.11E+01	1.99E+02	1.43E+00	2.00E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							



POWERTECH (USA) INC.

0.00E+00	TEENAGE	INHAL.	1.44E+01	4.91E+01	1.03E+02	2.91E-01	3.42E-01
3.78E-01	TEENAGE	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
1.05E-06	TEENAGE	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
0.00E+00	TEENAGE	VEG. ING	4.91E-01	6.37E+00	5.70E-01	5.70E-01	1.45E+00
0.00E+00	TEENAGE	MEAT ING	6.77E-02	9.00E-01	1.43E-01	1.43E-01	1.81E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.78E-01	TEENAGE	TOTALS	1.53E+01	5.68E+01	1.04E+02	1.38E+00	2.35E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	1.22E+01	4.77E+01	8.60E+01	2.44E-01	2.71E-01
3.78E-01	ADULT	GROUND	3.78E-01	3.78E-01	3.78E-01	3.78E-01	3.78E-01
1.05E-06	ADULT	CLOUD	1.05E-06	1.05E-06	1.05E-06	1.05E-06	1.05E-06
0.00E+00	ADULT	VEG. ING	6.77E-01	8.78E+00	7.87E-01	7.87E-01	2.00E+00
0.00E+00	ADULT	MEAT ING	1.18E-01	1.57E+00	2.49E-01	2.49E-01	3.16E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.78E-01	ADULT	TOTALS	1.34E+01	5.84E+01	8.74E+01	1.66E+00	2.97E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 162
08/21/08

DURATION IN YRS IS...100.0

NUMBER 12 NAME=CPP WSW X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
2.68E+01	INFANT	INHAL.	5.43E+01	5.36E+01	4.13E+02	1.57E+00	1.67E+00
4.06E+00	INFANT	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
1.29E-01	INFANT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) INC.

0.00E+00	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

3.10E+01	INFANT	TOTALS	5.85E+01	5.78E+01	4.17E+02	5.76E+00	5.86E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

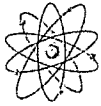
2.68E+01	CHILD	INHAL.	2.73E+01	4.63E+01	1.98E+02	6.60E-01	6.43E-01
4.06E+00	CHILD	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
1.29E-01	CHILD	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
0.00E+00	CHILD	VEG. ING	3.01E-01	3.91E+00	3.57E-01	3.57E-01	8.88E-01
0.00E+00	CHILD	MEAT ING	4.20E-02	5.58E-01	8.88E-02	8.88E-02	1.12E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.10E+01	CHILD	TOTALS	3.19E+01	5.49E+01	2.03E+02	5.30E+00	5.83E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

2.68E+01	TEENAGE	INHAL.	1.60E+01	4.92E+01	1.03E+02	3.10E-01	3.51E-01
4.06E+00	TEENAGE	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
1.29E-01	TEENAGE	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
0.00E+00	TEENAGE	VEG. ING	4.93E-01	6.40E+00	5.78E-01	5.78E-01	1.45E+00
0.00E+00	TEENAGE	MEAT ING	6.81E-02	9.05E-01	1.44E-01	1.44E-01	1.82E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.10E+01	TEENAGE	TOTALS	2.07E+01	6.07E+01	1.08E+02	5.22E+00	6.18E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

2.68E+01	ADULT	INHAL.	1.38E+01	4.77E+01	8.60E+01	2.60E-01	2.79E-01
4.06E+00	ADULT	GROUND	4.06E+00	4.06E+00	4.06E+00	4.06E+00	4.06E+00
1.29E-01	ADULT	CLOUD	1.29E-01	1.29E-01	1.29E-01	1.29E-01	1.29E-01
0.00E+00	ADULT	VEG. ING	6.80E-01	8.82E+00	7.99E-01	7.99E-01	2.01E+00



POWERTECH (USA) INC.

0.00E+00	ADULT	MEAT ING	1.19E-01	1.58E+00	2.52E-01	2.52E-01	3.18E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.10E+01	ADULT	TOTALS	1.88E+01	6.23E+01	9.12E+01	5.50E+00	6.80E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 163
08/21/08

DURATION IN YRS IS...100.0

NUMBER 13 NAME=CPP W

X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

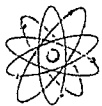
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	3.01E+01	3.07E+01	2.36E+02	8.41E-01	9.31E-01
2.16E-01	INFANT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.99E-07	INFANT	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
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

2.16E-01	INFANT	TOTALS	3.03E+01	3.09E+01	2.36E+02	1.06E+00	1.15E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	1.47E+01	2.65E+01	1.13E+02	3.52E-01	3.57E-01
2.16E-01	CHILD	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.99E-07	CHILD	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
0.00E+00	CHILD	VEG. ING	1.71E-01	2.22E+00	2.01E-01	2.01E-01	5.05E-01
0.00E+00	CHILD	MEAT ING	2.38E-02	3.17E-01	5.02E-02	5.02E-02	6.36E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.16E-01	CHILD	TOTALS	1.51E+01	2.92E+01	1.14E+02	8.20E-01	1.14E+00
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POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	TEENAGE	INHAL.	8.20E+00	2.81E+01	5.91E+01	1.66E-01	1.96E-01
2.16E-01	TEENAGE	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.99E-07	TEENAGE	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
0.00E+00	TEENAGE	VEG. ING	2.80E-01	3.64E+00	3.26E-01	3.26E-01	8.28E-01
0.00E+00	TEENAGE	MEAT ING	3.87E-02	5.15E-01	8.15E-02	8.15E-02	1.03E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.16E-01	TEENAGE	TOTALS	8.74E+00	3.25E+01	5.97E+01	7.90E-01	1.34E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	6.98E+00	2.73E+01	4.91E+01	1.40E-01	1.55E-01
2.16E-01	ADULT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.99E-07	ADULT	CLOUD	5.99E-07	5.99E-07	5.99E-07	5.99E-07	5.99E-07
0.00E+00	ADULT	VEG. ING	3.87E-01	5.02E+00	4.50E-01	4.50E-01	1.14E+00
0.00E+00	ADULT	MEAT ING	6.76E-02	8.99E-01	1.43E-01	1.43E-01	1.81E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.16E-01	ADULT	TOTALS	7.65E+00	3.34E+01	4.99E+01	9.49E-01	1.70E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 164
08/21/08

DURATION IN YRS IS...100.0

NUMBER 13 NAME=CPP W

X= -2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.94E+01	INFANT	INHAL.	3.19E+01	3.07E+01	2.36E+02	9.46E-01	9.71E-01



POWERTECH (USA) INC.

2.32E+00	INFANT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
1.59E-01	INFANT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
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

3.19E+01	INFANT	TOTALS	3.44E+01	3.32E+01	2.38E+02	3.43E+00	3.45E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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2.94E+01	CHILD	INHAL.	1.65E+01	2.65E+01	1.13E+02	3.99E-01	3.76E-01
2.32E+00	CHILD	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
1.59E-01	CHILD	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01

0.00E+00	CHILD	VEG. ING	1.73E-01	2.24E+00	2.06E-01	2.06E-01	5.09E-01
0.00E+00	CHILD	MEAT ING	2.41E-02	3.20E-01	5.12E-02	5.12E-02	6.44E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.19E+01	CHILD	TOTALS	1.91E+01	3.15E+01	1.16E+02	3.14E+00	3.43E+00
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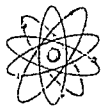
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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2.94E+01	TEENAGE	INHAL.	9.97E+00	2.82E+01	5.91E+01	1.86E-01	2.05E-01
2.32E+00	TEENAGE	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
1.59E-01	TEENAGE	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
0.00E+00	TEENAGE	VEG. ING	2.83E-01	3.67E+00	3.34E-01	3.34E-01	8.35E-01
0.00E+00	TEENAGE	MEAT ING	3.91E-02	5.20E-01	8.31E-02	8.31E-02	1.05E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.19E+01	TEENAGE	TOTALS	1.28E+01	3.48E+01	6.20E+01	3.09E+00	3.63E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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2.94E+01	ADULT	INHAL.	8.74E+00	2.73E+01	4.91E+01	1.56E-01	1.63E-01
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POWERTECH (USA) Inc.

2.32E+00	ADULT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
1.59E-01	ADULT	CLOUD	1.59E-01	1.59E-01	1.59E-01	1.59E-01	1.59E-01
0.00E+00	ADULT	VEG. ING	3.90E-01	5.06E+00	4.62E-01	4.62E-01	1.15E+00
0.00E+00	ADULT	MEAT ING	6.84E-02	9.09E-01	1.45E-01	1.45E-01	1.83E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.19E+01	ADULT	TOTALS	1.17E+01	3.57E+01	5.22E+01	3.25E+00	3.98E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 165
08/21/08
DURATION IN YRS IS...100.0

NUMBER 14 NAME=CPP WNW X= -2.1KM, Y= 0.9KM, Z= 0.0M, DIST= 2.2KM, IRTYPE=10

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

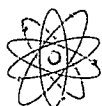
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	3.41E+01	3.47E+01	2.67E+02	9.52E-01	1.05E+00

2.45E-01	INFANT	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
6.78E-07	INFANT	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
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

2.45E-01	INFANT	TOTALS	3.43E+01	3.50E+01	2.67E+02	1.20E+00	1.30E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	1.66E+01	3.00E+01	1.28E+02	3.99E-01	4.04E-01
2.45E-01	CHILD	GROUND	2.45E-01	2.45E-01	2.45E-01	2.45E-01	2.45E-01
6.78E-07	CHILD	CLOUD	6.78E-07	6.78E-07	6.78E-07	6.78E-07	6.78E-07
0.00E+00	CHILD	VEG. ING	1.94E-01	2.52E+00	2.28E-01	2.28E-01	5.72E-01
0.00E+00	CHILD	MEAT ING	2.70E-02	3.59E-01	5.69E-02	5.69E-02	7.20E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

BRONCHI



POWERTECH (USA) Inc.

3.09E+01	INFANT	INHAL.	3.60E+01	3.47E+01	2.67E+02	1.03E+00	1.08E+00
2.63E+00	INFANT	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
1.51E-01	INFANT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
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

3.37E+01	INFANT	TOTALS	3.87E+01	3.75E+01	2.70E+02	3.81E+00	3.86E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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3.09E+01	CHILD	INHAL.	1.85E+01	3.00E+01	1.28E+02	4.35E-01	4.19E-01
2.63E+00	CHILD	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
1.51E-01	CHILD	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
0.00E+00	CHILD	VEG. ING	1.95E-01	2.53E+00	2.32E-01	2.32E-01	5.75E-01
0.00E+00	CHILD	MEAT ING	2.72E-02	3.61E-01	5.76E-02	5.76E-02	7.26E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.37E+01	CHILD	TOTALS	2.15E+01	3.57E+01	1.31E+02	3.50E+00	3.85E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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3.09E+01	TEENAGE	INHAL.	1.11E+01	3.19E+01	6.68E+01	2.04E-01	2.29E-01
2.63E+00	TEENAGE	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00

1.51E-01	TEENAGE	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
0.00E+00	TEENAGE	VEG. ING	3.19E-01	4.14E+00	3.75E-01	3.75E-01	9.42E-01
0.00E+00	TEENAGE	MEAT ING	4.41E-02	5.86E-01	9.35E-02	9.35E-02	1.18E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.37E+01	TEENAGE	TOTALS	1.43E+01	3.94E+01	7.01E+01	3.45E+00	4.07E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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POWERTECH (USA) Inc.

3.09E+01	ADULT	INHAL.	9.76E+00	3.09E+01	5.56E+01	1.71E-01	1.82E-01
2.63E+00	ADULT	GROUND	2.63E+00	2.63E+00	2.63E+00	2.63E+00	2.63E+00
1.51E-01	ADULT	CLOUD	1.51E-01	1.51E-01	1.51E-01	1.51E-01	1.51E-01
0.00E+00	ADULT	VEG. ING	4.41E-01	5.71E+00	5.19E-01	5.19E-01	1.30E+00
0.00E+00	ADULT	MEAT ING	7.72E-02	1.03E+00	1.63E-01	1.63E-01	2.06E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.37E+01	ADULT	TOTALS	1.31E+01	4.04E+01	5.91E+01	3.63E+00	4.47E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 167
08/21/08

DURATION IN YRS IS...100.0

NUMBER 15 NAME=CPP NW

X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	3.45E+01	3.51E+01	2.70E+02	9.64E-01	1.07E+00
2.47E-01	INFANT	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
6.85E-07	INFANT	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
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

2.47E-01	INFANT	TOTALS	3.47E+01	3.54E+01	2.70E+02	1.21E+00	1.31E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	CHILD	INHAL.	1.68E+01	3.03E+01	1.30E+02	4.04E-01	4.09E-01

2.47E-01	CHILD	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
6.85E-07	CHILD	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
0.00E+00	CHILD	VEG. ING	1.96E-01	2.55E+00	2.30E-01	2.30E-01	5.78E-01
0.00E+00	CHILD	MEAT ING	2.73E-02	3.63E-01	5.75E-02	5.75E-02	7.29E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) INC.

-----	CHILD	TOTALS	1.73E+01	3.35E+01	1.30E+02	9.39E-01	1.31E+00
2.47E-01	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI	-----						
-----	TEENAGE	INHAL.	9.39E+00	3.22E+01	6.76E+01	1.91E-01	2.24E-01
0.00E+00	TEENAGE	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
2.47E-01	TEENAGE	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
6.85E-07	TEENAGE	VEG. ING	3.21E-01	4.17E+00	3.73E-01	3.73E-01	9.47E-01
0.00E+00	TEENAGE	MEAT ING	4.43E-02	5.89E-01	9.34E-02	9.34E-02	1.18E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	-----						
-----	TEENAGE	TOTALS	1.00E+01	3.72E+01	6.83E+01	9.05E-01	1.54E+00
2.47E-01	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI	-----						
-----	ADULT	INHAL.	7.99E+00	3.12E+01	5.63E+01	1.60E-01	1.78E-01
0.00E+00	ADULT	GROUND	2.47E-01	2.47E-01	2.47E-01	2.47E-01	2.47E-01
2.47E-01	ADULT	CLOUD	6.85E-07	6.85E-07	6.85E-07	6.85E-07	6.85E-07
6.85E-07	ADULT	VEG. ING	4.43E-01	5.75E+00	5.16E-01	5.16E-01	1.31E+00
0.00E+00	ADULT	MEAT ING	7.74E-02	1.03E+00	1.63E-01	1.63E-01	2.07E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	-----						
-----	ADULT	TOTALS	8.76E+00	3.83E+01	5.72E+01	1.09E+00	1.94E+00
2.47E-01							

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 168
08/21/08
DURATION IN YRS IS...100.0

NUMBER 15 NAME=CPP NW

X= -2.4KM, Y= 2.5KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=10

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



POWERTECH (USA) Inc.

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

3.55E+01	INFANT	INHAL.	3.66E+01	3.51E+01	2.70E+02	1.01E+00	1.08E+00
2.66E+00	INFANT	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
1.15E-01	INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
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

3.83E+01	INFANT	TOTALS	3.94E+01	3.79E+01	2.73E+02	3.78E+00	3.86E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

3.55E+01	CHILD	INHAL.	1.90E+01	3.03E+01	1.30E+02	4.23E-01	4.17E-01
2.66E+00	CHILD	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
1.15E-01	CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	CHILD	VEG. ING	1.97E-01	2.55E+00	2.33E-01	2.33E-01	5.80E-01
0.00E+00	CHILD	MEAT ING	2.74E-02	3.64E-01	5.79E-02	5.79E-02	7.32E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.83E+01	CHILD	TOTALS	2.20E+01	3.60E+01	1.33E+02	3.49E+00	3.85E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

3.55E+01	TEENAGE	INHAL.	1.15E+01	3.22E+01	6.76E+01	1.99E-01	2.28E-01
2.66E+00	TEENAGE	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
1.15E-01	TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	TEENAGE	VEG. ING	3.22E-01	4.18E+00	3.77E-01	3.77E-01	9.50E-01
0.00E+00	TEENAGE	MEAT ING	4.45E-02	5.91E-01	9.40E-02	9.40E-02	1.19E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.83E+01	TEENAGE	TOTALS	1.47E+01	3.98E+01	7.08E+01	3.45E+00	4.07E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY



POWERTECH (USA) INC.

3.55E+01	ADULT	INHAL.	1.01E+01	3.12E+01	5.63E+01	1.67E-01	1.81E-01
2.66E+00	ADULT	GROUND	2.66E+00	2.66E+00	2.66E+00	2.66E+00	2.66E+00
1.15E-01	ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	ADULT	VEG. ING	4.44E-01	5.76E+00	5.21E-01	5.21E-01	1.31E+00
0.00E+00	ADULT	MEAT ING	7.78E-02	1.03E+00	1.64E-01	1.64E-01	2.08E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.83E+01	ADULT	TOTALS	1.34E+01	4.08E+01	5.97E+01	3.63E+00	4.48E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 169
08/21/08

DURATION IN YRS IS...100.0

NUMBER 16 NAME=CPP NNW

X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

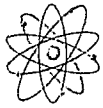
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	INFANT	INHAL.	2.59E+01	2.63E+01	2.03E+02	7.23E-01	8.00E-01
1.86E-01	INFANT	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
5.15E-07	INFANT	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
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

1.86E-01	INFANT	TOTALS	2.61E+01	2.65E+01	2.03E+02	9.09E-01	9.86E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	CHILD	INHAL.	1.26E+01	2.28E+01	9.75E+01	3.03E-01	3.07E-01
1.86E-01	CHILD	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
5.15E-07	CHILD	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
0.00E+00	CHILD	VEG. ING	1.47E-01	1.91E+00	1.73E-01	1.73E-01	4.34E-01
0.00E+00	CHILD	MEAT ING	2.05E-02	2.72E-01	4.32E-02	4.32E-02	5.47E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) INC.

1.86E-01 CHILD TOTALS 1.30E+01 2.51E+01 9.79E+01 7.05E-01 9.82E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	TEENAGE	INHAL.	7.05E+00	2.42E+01	5.08E+01	1.43E-01	1.68E-01
1.86E-01	TEENAGE	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
5.15E-07	TEENAGE	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
0.00E+00	TEENAGE	VEG. ING	2.41E-01	3.13E+00	2.80E-01	2.80E-01	7.11E-01
0.00E+00	TEENAGE	MEAT ING	3.33E-02	4.42E-01	7.01E-02	7.01E-02	8.88E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.86E-01	TEENAGE	TOTALS	7.51E+00	2.79E+01	5.13E+01	6.79E-01	1.15E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	ADULT	INHAL.	6.00E+00	2.34E+01	4.23E+01	1.20E-01	1.33E-01
1.86E-01	ADULT	GROUND	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
5.15E-07	ADULT	CLOUD	5.15E-07	5.15E-07	5.15E-07	5.15E-07	5.15E-07
0.00E+00	ADULT	VEG. ING	3.32E-01	4.31E+00	3.87E-01	3.87E-01	9.83E-01
0.00E+00	ADULT	MEAT ING	5.81E-02	7.73E-01	1.22E-01	1.22E-01	1.55E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.86E-01	ADULT	TOTALS	6.58E+00	2.87E+01	4.30E+01	8.15E-01	1.46E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

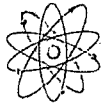
PAGE 170
08/21/08
DURATION IN YRS IS...100.0

NUMBER 16 NAME=CPP NNW

X= -1.1KM, Y= 2.9KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							



POWERTECH (USA) INC.

1.98E+01	INFANT	INHAL.	2.71E+01	2.64E+01	2.03E+02	7.76E-01	8.21E-01
2.00E+00	INFANT	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
9.77E-02	INFANT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
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

2.19E+01	INFANT	TOTALS	2.92E+01	2.85E+01	2.05E+02	2.87E+00	2.91E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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1.98E+01	CHILD	INHAL.	1.38E+01	2.28E+01	9.75E+01	3.26E-01	3.17E-01
2.00E+00	CHILD	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
9.77E-02	CHILD	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
0.00E+00	CHILD	VEG. ING	1.48E-01	1.92E+00	1.76E-01	1.76E-01	4.36E-01
0.00E+00	CHILD	MEAT ING	2.06E-02	2.74E-01	4.36E-02	4.36E-02	5.51E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

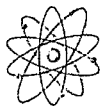
2.19E+01	CHILD	TOTALS	1.61E+01	2.70E+01	9.98E+01	2.64E+00	2.90E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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1.98E+01	TEENAGE	INHAL.	8.24E+00	2.42E+01	5.08E+01	1.53E-01	1.73E-01
2.00E+00	TEENAGE	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
9.77E-02	TEENAGE	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
0.00E+00	TEENAGE	VEG. ING	2.42E-01	3.14E+00	2.84E-01	2.84E-01	7.15E-01
0.00E+00	TEENAGE	MEAT ING	3.35E-02	4.45E-01	7.08E-02	7.08E-02	8.94E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.19E+01	TEENAGE	TOTALS	1.06E+01	2.99E+01	5.32E+01	2.60E+00	3.07E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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POWERTECH (USA) Inc.

1.98E+01	ADULT	INHAL.	7.19E+00	2.34E+01	4.23E+01	1.29E-01	1.37E-01
2.00E+00	ADULT	GROUND	2.00E+00	2.00E+00	2.00E+00	2.00E+00	2.00E+00
9.77E-02	ADULT	CLOUD	9.77E-02	9.77E-02	9.77E-02	9.77E-02	9.77E-02
0.00E+00	ADULT	VEG. ING	3.34E-01	4.33E+00	3.93E-01	3.93E-01	9.88E-01
0.00E+00	ADULT	MEAT ING	5.85E-02	7.78E-01	1.24E-01	1.24E-01	1.56E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.19E+01	ADULT	TOTALS	9.67E+00	3.07E+01	4.49E+01	2.74E+00	3.37E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 171
08/21/08
DURATION IN YRS IS...100.0

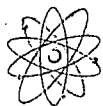
NUMBER 17 NAME=SF N X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
0.00E+00	INFANT	INHAL.	2.46E+01	2.51E+01	1.93E+02	6.88E-01	7.60E-01
1.76E-01	INFANT	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
4.89E-07	INFANT	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
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

1.76E-01	INFANT	TOTALS	2.48E+01	2.52E+01	1.93E+02	8.64E-01	9.36E-01
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
0.00E+00	CHILD	INHAL.	1.20E+01	2.16E+01	9.25E+01	2.88E-01	2.92E-01
1.76E-01	CHILD	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
4.89E-07	CHILD	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
0.00E+00	CHILD	VEG. ING	1.40E-01	1.82E+00	1.64E-01	1.64E-01	4.12E-01
0.00E+00	CHILD	MEAT ING	1.95E-02	2.59E-01	4.10E-02	4.10E-02	5.20E-02



POWERTECH (USA) Inc.

0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.76E-01	CHILD	TOTALS	1.23E+01	2.39E+01	9.29E+01	6.70E-01	9.32E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	6.69E+00	2.30E+01	4.82E+01	1.36E-01	1.60E-01
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1.76E-01	TEENAGE	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
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4.89E-07	TEENAGE	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
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0.00E+00	TEENAGE	VEG. ING	2.29E-01	2.97E+00	2.66E-01	2.66E-01	6.75E-01
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0.00E+00	TEENAGE	MEAT ING	3.16E-02	4.20E-01	6.66E-02	6.66E-02	8.43E-02
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0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.76E-01	TEENAGE	TOTALS	7.13E+00	2.65E+01	4.87E+01	6.45E-01	1.10E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	5.69E+00	2.23E+01	4.01E+01	1.14E-01	1.27E-01
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1.76E-01	ADULT	GROUND	1.76E-01	1.76E-01	1.76E-01	1.76E-01	1.76E-01
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4.89E-07	ADULT	CLOUD	4.89E-07	4.89E-07	4.89E-07	4.89E-07	4.89E-07
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0.00E+00	ADULT	VEG. ING	3.16E-01	4.10E+00	3.68E-01	3.68E-01	9.33E-01
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0.00E+00	ADULT	MEAT ING	5.52E-02	7.35E-01	1.16E-01	1.16E-01	1.47E-01
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.76E-01	ADULT	TOTALS	6.24E+00	2.73E+01	4.08E+01	7.75E-01	1.38E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 172
08/21/08

DURATION IN YRS IS...100.0

NUMBER 17 NAME=SF N

X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

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



POWERTECH (USA) Inc.

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.64E+01	INFANT	INHAL.	2.62E+01	2.51E+01	1.93E+02	7.20E-01	7.73E-01
1.90E+00	INFANT	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
5.86E-02	INFANT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
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

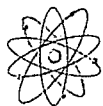
2.83E+01	INFANT	TOTALS	2.81E+01	2.70E+01	1.94E+02	2.68E+00	2.73E+00
	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.64E+01	CHILD	INHAL.	1.36E+01	2.16E+01	9.25E+01	3.03E-01	2.98E-01
1.90E+00	CHILD	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
5.86E-02	CHILD	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
0.00E+00	CHILD	VEG. ING	1.40E-01	1.82E+00	1.66E-01	1.66E-01	4.14E-01
0.00E+00	CHILD	MEAT ING	1.96E-02	2.60E-01	4.13E-02	4.13E-02	5.22E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.83E+01	CHILD	TOTALS	1.57E+01	2.57E+01	9.46E+01	2.47E+00	2.72E+00
	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.64E+01	TEENAGE	INHAL.	8.28E+00	2.30E+01	4.82E+01	1.42E-01	1.63E-01
1.90E+00	TEENAGE	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
5.86E-02	TEENAGE	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
0.00E+00	TEENAGE	VEG. ING	2.30E-01	2.98E+00	2.69E-01	2.69E-01	6.78E-01
0.00E+00	TEENAGE	MEAT ING	3.17E-02	4.22E-01	6.71E-02	6.71E-02	8.47E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.83E+01	TEENAGE	TOTALS	1.05E+01	2.83E+01	5.05E+01	2.43E+00	2.88E+00



POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.64E+01	ADULT	INHAL.	7.28E+00	2.23E+01	4.01E+01	1.19E-01	1.29E-01
1.90E+00	ADULT	GROUND	1.90E+00	1.90E+00	1.90E+00	1.90E+00	1.90E+00
5.86E-02	ADULT	CLOUD	5.86E-02	5.86E-02	5.86E-02	5.86E-02	5.86E-02
0.00E+00	ADULT	VEG. ING	3.17E-01	4.11E+00	3.72E-01	3.72E-01	9.36E-01
0.00E+00	ADULT	MEAT ING	5.55E-02	7.37E-01	1.17E-01	1.17E-01	1.48E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.83E+01	ADULT	TOTALS	9.61E+00	2.91E+01	4.25E+01	2.56E+00	3.17E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 173
08/21/08

DURATION IN YRS IS...100.0

NUMBER 18 NAME=SF NNE

X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

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

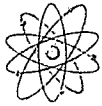
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	INFANT	INHAL.	2.76E+01	2.81E+01	2.16E+02	7.71E-01	8.52E-01
1.98E-01	INFANT	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
5.48E-07	INFANT	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
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

1.98E-01	INFANT	TOTALS	2.78E+01	2.83E+01	2.16E+02	9.69E-01	1.05E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	CHILD	INHAL.	1.34E+01	2.43E+01	1.04E+02	3.23E-01	3.27E-01
1.98E-01	CHILD	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
5.48E-07	CHILD	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07



POWERTECH (USA) Inc.

0.00E+00	CHILD	VEG. ING	1.57E-01	2.04E+00	1.84E-01	1.84E-01	4.62E-01
0.00E+00	CHILD	MEAT ING	2.18E-02	2.90E-01	4.60E-02	4.60E-02	5.83E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.98E-01	CHILD	TOTALS	1.38E+01	2.68E+01	1.04E+02	7.51E-01	1.05E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	7.51E+00	2.58E+01	5.40E+01	1.53E-01	1.79E-01
1.98E-01	TEENAGE	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
5.48E-07	TEENAGE	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07
0.00E+00	TEENAGE	VEG. ING	2.57E-01	3.33E+00	2.98E-01	2.98E-01	7.57E-01
0.00E+00	TEENAGE	MEAT ING	3.54E-02	4.71E-01	7.47E-02	7.47E-02	9.46E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.98E-01	TEENAGE	TOTALS	8.00E+00	2.98E+01	5.46E+01	7.23E-01	1.23E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	6.38E+00	2.50E+01	4.50E+01	1.28E-01	1.42E-01
1.98E-01	ADULT	GROUND	1.98E-01	1.98E-01	1.98E-01	1.98E-01	1.98E-01
5.48E-07	ADULT	CLOUD	5.48E-07	5.48E-07	5.48E-07	5.48E-07	5.48E-07

0.00E+00	ADULT	VEG. ING	3.54E-01	4.59E+00	4.12E-01	4.12E-01	1.05E+00
0.00E+00	ADULT	MEAT ING	6.19E-02	8.24E-01	1.31E-01	1.31E-01	1.65E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.98E-01	ADULT	TOTALS	7.00E+00	3.06E+01	4.57E+01	8.69E-01	1.55E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 174
08/21/08

DURATION IN YRS IS...100.0

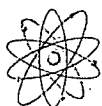
NUMBER 18 NAME=SF NNE

X= -4.6KM, Y= 4.6KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

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



	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
	INFANT	INHAL.	2.91E+01	2.81E+01	2.16E+02	8.03E-01	8.65E-01
2.52E+01	INFANT	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
2.13E+00	INFANT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
5.59E-02	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							
	INFANT	TOTALS	3.13E+01	3.03E+01	2.18E+02	2.99E+00	3.05E+00
2.74E+01							
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
	CHILD	INHAL.	1.50E+01	2.43E+01	1.04E+02	3.37E-01	3.33E-01
2.52E+01	CHILD	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
2.13E+00	CHILD	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
5.59E-02	CHILD	VEG. ING	1.57E-01	2.04E+00	1.86E-01	1.86E-01	4.64E-01
0.00E+00	CHILD	MEAT ING	2.19E-02	2.91E-01	4.63E-02	4.63E-02	5.85E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							
	CHILD	TOTALS	1.73E+01	2.88E+01	1.06E+02	2.75E+00	3.04E+00
2.74E+01							
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
	TEENAGE	INHAL.	9.02E+00	2.58E+01	5.40E+01	1.59E-01	1.82E-01
2.52E+01	TEENAGE	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
2.13E+00	TEENAGE	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
5.59E-02	TEENAGE	VEG. ING	2.58E-01	3.34E+00	3.01E-01	3.01E-01	7.59E-01
0.00E+00	TEENAGE	MEAT ING	3.56E-02	4.73E-01	7.52E-02	7.52E-02	9.49E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							



POWERTECH (USA) Inc.

2.74E+01	TEENAGE	TOTALS	1.15E+01	3.18E+01	5.66E+01	2.72E+00	3.22E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.52E+01	ADULT	INHAL.	7.90E+00	2.50E+01	4.50E+01	1.33E-01	1.44E-01
2.13E+00	ADULT	GROUND	2.13E+00	2.13E+00	2.13E+00	2.13E+00	2.13E+00
5.59E-02	ADULT	CLOUD	5.59E-02	5.59E-02	5.59E-02	5.59E-02	5.59E-02
0.00E+00	ADULT	VEG. ING	3.55E-01	4.61E+00	4.16E-01	4.16E-01	1.05E+00
0.00E+00	ADULT	MEAT ING	6.22E-02	8.26E-01	1.31E-01	1.31E-01	1.66E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.74E+01	ADULT	TOTALS	1.05E+01	3.26E+01	4.77E+01	2.86E+00	3.54E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 175
08/21/08

DURATION IN YRS IS...100.0

NUMBER 19 NAME=SF NE

X= -4.0KM, Y= 4.5KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

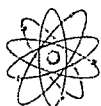
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	2.63E+01	2.68E+01	2.06E+02	7.36E-01	8.14E-01
1.89E-01	INFANT	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
5.23E-07	INFANT	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
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

1.89E-01	INFANT	TOTALS	2.65E+01	2.70E+01	2.06E+02	9.25E-01	1.00E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	CHILD	INHAL.	1.28E+01	2.32E+01	9.90E+01	3.08E-01	3.12E-01
1.89E-01	CHILD	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01



POWERTECH (USA) Inc.

5.23E-07	CHILD	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
0.00E+00	CHILD	VEG. ING	1.50E-01	1.94E+00	1.76E-01	1.76E-01	4.41E-01
0.00E+00	CHILD	MEAT ING	2.08E-02	2.77E-01	4.39E-02	4.39E-02	5.56E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.89E-01	CHILD	TOTALS	1.32E+01	2.56E+01	9.94E+01	7.17E-01	9.98E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	7.17E+00	2.46E+01	5.16E+01	1.46E-01	1.71E-01
1.89E-01	TEENAGE	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
5.23E-07	TEENAGE	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
0.00E+00	TEENAGE	VEG. ING	2.45E-01	3.18E+00	2.85E-01	2.85E-01	7.23E-01
0.00E+00	TEENAGE	MEAT ING	3.38E-02	4.50E-01	7.13E-02	7.13E-02	9.03E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.89E-01	TEENAGE	TOTALS	7.64E+00	2.84E+01	5.21E+01	6.91E-01	1.17E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	6.10E+00	2.39E+01	4.29E+01	1.22E-01	1.36E-01
1.89E-01	ADULT	GROUND	1.89E-01	1.89E-01	1.89E-01	1.89E-01	1.89E-01
5.23E-07	ADULT	CLOUD	5.23E-07	5.23E-07	5.23E-07	5.23E-07	5.23E-07
0.00E+00	ADULT	VEG. ING	3.38E-01	4.39E+00	3.94E-01	3.94E-01	9.99E-01
0.00E+00	ADULT	MEAT ING	5.91E-02	7.86E-01	1.25E-01	1.25E-01	1.58E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.89E-01	ADULT	TOTALS	6.68E+00	2.92E+01	4.36E+01	8.30E-01	1.48E+00
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DURATION IN YRS IS...100.0

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X=  -4.0KM, Y=   4.5KM, Z=   0.0M, DIST=   6.0KM, IRTYPE=10
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TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

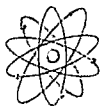
	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

2.65E+01	CHILD	INHAL.	1.44E+01	2.32E+01	9.90E+01	3.23E-01	3.18E-01
2.03E+00	CHILD	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
5.91E-02	CHILD	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
0.00E+00	CHILD	VEG. ING	1.50E-01	1.95E+00	1.78E-01	1.78E-01	4.43E-01
0.00E+00	CHILD	MEAT ING	2.09E-02	2.78E-01	4.42E-02	4.42E-02	5.59E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.86E+01	CHILD	TOTALS	1.67E+01	2.75E+01	1.01E+02	2.64E+00	2.91E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.65E+01	TEENAGE	INHAL.	8.76E+00	2.46E+01	5.16E+01	1.52E-01	1.74E-01
2.03E+00	TEENAGE	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
5.91E-02	TEENAGE	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
0.00E+00	TEENAGE	VEG. ING	2.46E-01	3.19E+00	2.88E-01	2.88E-01	7.25E-01
0.00E+00	TEENAGE	MEAT ING	3.40E-02	4.52E-01	7.18E-02	7.18E-02	9.07E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) INC.

-----	TEENAGE	TOTALS	1.11E+01	3.03E+01	5.40E+01	2.60E+00	3.08E+00
2.86E+01							
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

ADULT	INHAL.	7.69E+00	2.39E+01	4.29E+01	1.28E-01	1.38E-01	
2.65E+01							
ADULT	GROUND	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.03E+00
2.03E+00							
ADULT	CLOUD	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02	5.91E-02
5.91E-02							
ADULT	VEG. ING	3.39E-01	4.40E+00	3.98E-01	3.98E-01	1.00E+00	
0.00E+00							
ADULT	MEAT ING	5.94E-02	7.89E-01	1.25E-01	1.25E-01	1.58E-01	
0.00E+00							
ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

ADULT	TOTALS	1.02E+01	3.11E+01	4.55E+01	2.74E+00	3.39E+00	
2.86E+01							

1 REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 177
08/21/08
DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE

X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

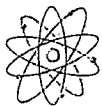
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

-----	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

INFANT	INHAL.	2.24E+01	2.28E+01	1.76E+02	6.27E-01	6.93E-01	
0.00E+00							
INFANT	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
1.61E-01							
INFANT	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
4.45E-07							
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							
INFANT	MEAT ING	0.00E+00	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
0.00E+00							

INFANT	TOTALS	2.26E+01	2.30E+01	1.76E+02	7.88E-01	8.54E-01	
1.61E-01							
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

CHILD	INHAL.	1.09E+01	1.97E+01	8.43E+01	2.63E-01	2.66E-01	
0.00E+00							
CHILD	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
1.61E-01							



POWERTECH (USA) INC.

4.45E-07	CHILD	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
0.00E+00	CHILD	VEG. ING	1.28E-01	1.65E+00	1.50E-01	1.50E-01	3.76E-01

0.00E+00	CHILD	MEAT ING	1.77E-02	2.36E-01	3.74E-02	3.74E-02	4.74E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.61E-01	CHILD	TOTALS	1.12E+01	2.18E+01	8.47E+01	6.11E-01	8.50E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	6.10E+00	2.09E+01	4.39E+01	1.24E-01	1.46E-01
1.61E-01	TEENAGE	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
4.45E-07	TEENAGE	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
0.00E+00	TEENAGE	VEG. ING	2.09E-01	2.71E+00	2.43E-01	2.43E-01	6.16E-01
0.00E+00	TEENAGE	MEAT ING	2.88E-02	3.83E-01	6.07E-02	6.07E-02	7.69E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.61E-01	TEENAGE	TOTALS	6.50E+00	2.42E+01	4.44E+01	5.88E-01	9.99E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	5.19E+00	2.03E+01	3.66E+01	1.04E-01	1.16E-01
1.61E-01	ADULT	GROUND	1.61E-01	1.61E-01	1.61E-01	1.61E-01	1.61E-01
4.45E-07	ADULT	CLOUD	4.45E-07	4.45E-07	4.45E-07	4.45E-07	4.45E-07
0.00E+00	ADULT	VEG. ING	2.88E-01	3.74E+00	3.35E-01	3.35E-01	8.51E-01
0.00E+00	ADULT	MEAT ING	5.04E-02	6.70E-01	1.06E-01	1.06E-01	1.34E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.61E-01	ADULT	TOTALS	5.69E+00	2.49E+01	3.72E+01	7.06E-01	1.26E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 178
08/21/08

DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE

X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10



POWERTECH (USA) Inc.

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.26E+01	INFANT	INHAL.	2.38E+01	2.28E+01	1.76E+02	6.62E-01	7.07E-01

1.73E+00	INFANT	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
5.95E-02	INFANT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
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

2.44E+01	INFANT	TOTALS	2.56E+01	2.46E+01	1.77E+02	2.45E+00	2.50E+00
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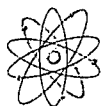
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.26E+01	CHILD	INHAL.	1.23E+01	1.97E+01	8.43E+01	2.78E-01	2.72E-01
1.73E+00	CHILD	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
5.95E-02	CHILD	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
0.00E+00	CHILD	VEG. ING	1.28E-01	1.66E+00	1.52E-01	1.52E-01	3.77E-01
0.00E+00	CHILD	MEAT ING	1.78E-02	2.37E-01	3.77E-02	3.77E-02	4.76E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.44E+01	CHILD	TOTALS	1.42E+01	2.34E+01	8.63E+01	2.26E+00	2.49E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.26E+01	TEENAGE	INHAL.	7.46E+00	2.10E+01	4.39E+01	1.31E-01	1.49E-01
1.73E+00	TEENAGE	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
5.95E-02	TEENAGE	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
0.00E+00	TEENAGE	VEG. ING	2.10E-01	2.72E+00	2.46E-01	2.46E-01	6.18E-01
0.00E+00	TEENAGE	MEAT ING	2.90E-02	3.85E-01	6.12E-02	6.12E-02	7.73E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) Inc.

2.44E+01	TEENAGE	TOTALS	9.49E+00	2.58E+01	4.60E+01	2.23E+00	2.63E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.26E+01	ADULT	INHAL.	6.55E+00	2.03E+01	3.66E+01	1.10E-01	1.18E-01
1.73E+00	ADULT	GROUND	1.73E+00	1.73E+00	1.73E+00	1.73E+00	1.73E+00
5.95E-02	ADULT	CLOUD	5.95E-02	5.95E-02	5.95E-02	5.95E-02	5.95E-02
0.00E+00	ADULT	VEG. ING	2.89E-01	3.75E+00	3.39E-01	3.39E-01	8.54E-01

0.00E+00	ADULT	MEAT ING	5.06E-02	6.73E-01	1.07E-01	1.07E-01	1.35E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.44E+01	ADULT	TOTALS	8.68E+00	2.65E+01	3.88E+01	2.35E+00	2.90E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 179
08/21/08
DURATION IN YRS IS...100.0

NUMBER 21 NAME=SF E

X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	3.00E+01	3.06E+01	2.35E+02	8.40E-01	9.29E-01
2.16E-01	INFANT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.97E-07	INFANT	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
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

2.16E-01	INFANT	TOTALS	3.03E+01	3.08E+01	2.36E+02	1.06E+00	1.14E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY



POWERTECH (USA) INC.

0.00E+00	CHILD	INHAL.	1.47E+01	2.64E+01	1.13E+02	3.52E-01	3.56E-01
2.16E-01	CHILD	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.97E-07	CHILD	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
0.00E+00	CHILD	VEG. ING	1.71E-01	2.22E+00	2.01E-01	2.01E-01	5.04E-01
0.00E+00	CHILD	MEAT ING	2.38E-02	3.16E-01	5.01E-02	5.01E-02	6.35E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.16E-01	CHILD	TOTALS	1.51E+01	2.92E+01	1.13E+02	8.18E-01	1.14E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	8.18E+00	2.81E+01	5.89E+01	1.66E-01	1.95E-01
2.16E-01	TEENAGE	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01

5.97E-07	TEENAGE	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
0.00E+00	TEENAGE	VEG. ING	2.80E-01	3.63E+00	3.25E-01	3.25E-01	8.25E-01
0.00E+00	TEENAGE	MEAT ING	3.86E-02	5.14E-01	8.14E-02	8.14E-02	1.03E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.16E-01	TEENAGE	TOTALS	8.72E+00	3.24E+01	5.95E+01	7.88E-01	1.34E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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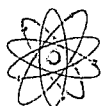
0.00E+00	ADULT	INHAL.	6.96E+00	2.72E+01	4.90E+01	1.40E-01	1.55E-01
2.16E-01	ADULT	GROUND	2.16E-01	2.16E-01	2.16E-01	2.16E-01	2.16E-01
5.97E-07	ADULT	CLOUD	5.97E-07	5.97E-07	5.97E-07	5.97E-07	5.97E-07
0.00E+00	ADULT	VEG. ING	3.86E-01	5.01E+00	4.49E-01	4.49E-01	1.14E+00
0.00E+00	ADULT	MEAT ING	6.75E-02	8.98E-01	1.42E-01	1.42E-01	1.80E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.16E-01	ADULT	TOTALS	7.63E+00	3.33E+01	4.98E+01	9.47E-01	1.69E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 180
08/21/08
DURATION IN YRS IS...100.0



POWERTECH (USA) INC.

NUMBER 21 NAME=SF E

X= -2.8KM, Y= 3.5KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=10

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

BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
3.28E+01	INFANT	INHAL.	3.20E+01	3.06E+01	2.35E+02	8.75E-01	9.42E-01
2.32E+00	INFANT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
7.65E-02	INFANT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
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

3.52E+01

INFANT	TOTALS	3.44E+01	3.30E+01	2.38E+02	3.27E+00	3.34E+00
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BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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3.28E+01	CHILD	INHAL.	1.66E+01	2.64E+01	1.13E+02	3.68E-01	3.63E-01
2.32E+00	CHILD	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
7.65E-02	CHILD	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
0.00E+00	CHILD	VEG. ING	1.71E-01	2.22E+00	2.03E-01	2.03E-01	5.05E-01
0.00E+00	CHILD	MEAT ING	2.39E-02	3.17E-01	5.05E-02	5.05E-02	6.37E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

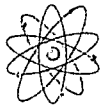
3.52E+01

CHILD	TOTALS	1.92E+01	3.14E+01	1.16E+02	3.02E+00	3.33E+00
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BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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3.28E+01	TEENAGE	INHAL.	1.01E+01	2.81E+01	5.89E+01	1.73E-01	1.98E-01
2.32E+00	TEENAGE	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
7.65E-02	TEENAGE	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
0.00E+00	TEENAGE	VEG. ING	2.81E-01	3.64E+00	3.28E-01	3.28E-01	8.28E-01
0.00E+00	TEENAGE	MEAT ING	3.88E-02	5.15E-01	8.19E-02	8.19E-02	1.03E-01



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.52E+01	TEENAGE	TOTALS	1.29E+01	3.46E+01	6.17E+01	2.98E+00	3.52E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

3.28E+01	ADULT	INHAL.	8.93E+00	2.72E+01	4.90E+01	1.45E-01	1.58E-01
2.32E+00	ADULT	GROUND	2.32E+00	2.32E+00	2.32E+00	2.32E+00	2.32E+00
7.65E-02	ADULT	CLOUD	7.65E-02	7.65E-02	7.65E-02	7.65E-02	7.65E-02
0.00E+00	ADULT	VEG. ING	3.87E-01	5.02E+00	4.53E-01	4.53E-01	1.14E+00
0.00E+00	ADULT	MEAT ING	6.78E-02	9.01E-01	1.43E-01	1.43E-01	1.81E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.52E+01	ADULT	TOTALS	1.18E+01	3.55E+01	5.20E+01	3.14E+00	3.88E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE 181
08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

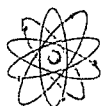
NUMBER 22 NAME=SF SSE

X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	2.53E+01	2.58E+01	1.98E+02	7.07E-01	7.81E-01
1.81E-01	INFANT	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
5.02E-07	INFANT	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
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



POWERTECH (USA) Inc.

1.81E-01	INFANT	TOTALS	2.55E+01	2.59E+01	1.98E+02	8.88E-01	9.63E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	CHILD	INHAL.	1.23E+01	2.22E+01	9.51E+01	2.96E-01	3.00E-01
1.81E-01	CHILD	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
5.02E-07	CHILD	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
0.00E+00	CHILD	VEG. ING	1.44E-01	1.87E+00	1.69E-01	1.69E-01	4.24E-01
0.00E+00	CHILD	MEAT ING	2.00E-02	2.66E-01	4.22E-02	4.22E-02	5.34E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.81E-01	CHILD	TOTALS	1.27E+01	2.46E+01	9.55E+01	6.89E-01	9.59E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	6.88E+00	2.36E+01	4.96E+01	1.40E-01	1.64E-01
1.81E-01	TEENAGE	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
5.02E-07	TEENAGE	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
0.00E+00	TEENAGE	VEG. ING	2.35E-01	3.06E+00	2.74E-01	2.74E-01	6.94E-01
0.00E+00	TEENAGE	MEAT ING	3.25E-02	4.32E-01	6.85E-02	6.85E-02	8.67E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.81E-01	TEENAGE	TOTALS	7.33E+00	2.73E+01	5.01E+01	6.63E-01	1.13E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	5.86E+00	2.29E+01	4.12E+01	1.17E-01	1.30E-01
1.81E-01	ADULT	GROUND	1.81E-01	1.81E-01	1.81E-01	1.81E-01	1.81E-01
5.02E-07	ADULT	CLOUD	5.02E-07	5.02E-07	5.02E-07	5.02E-07	5.02E-07
0.00E+00	ADULT	VEG. ING	3.25E-01	4.21E+00	3.78E-01	3.78E-01	9.59E-01
0.00E+00	ADULT	MEAT ING	5.68E-02	7.55E-01	1.20E-01	1.20E-01	1.52E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) Inc.

1.81E-01 ADULT TOTALS 6.42E+00 2.81E+01 4.19E+01 7.97E-01 1.42E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 182
08/21/08
DURATION IN YRS IS...100.0

NUMBER 22 NAME=SF SSE X= -3.7KM, Y= 0.2KM, Z= 0.0M, DIST= 3.7KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	INFANT	INHAL.	2.75E+01	2.58E+01	1.98E+02	8.25E-01	8.27E-01
3.67E+01	INFANT	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
1.95E+00	INFANT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
2.07E-01	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

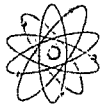
	INFANT	TOTALS	2.96E+01	2.79E+01	2.00E+02	2.98E+00	2.99E+00
3.89E+01							

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	CHILD	INHAL.	1.45E+01	2.23E+01	9.51E+01	3.49E-01	3.21E-01
3.67E+01	CHILD	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
1.95E+00	CHILD	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
2.07E-01	CHILD	VEG. ING	1.46E-01	1.89E+00	1.75E-01	1.75E-01	4.29E-01
0.00E+00							
	CHILD	MEAT ING	2.03E-02	2.70E-01	4.33E-02	4.33E-02	5.43E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	CHILD	TOTALS	1.69E+01	2.66E+01	9.75E+01	2.73E+00	2.96E+00
3.89E+01							

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							



PowerTech (USA) Inc.

3.67E+01	TEENAGE	INHAL.	9.09E+00	2.37E+01	4.96E+01	1.62E-01	1.75E-01
1.95E+00	TEENAGE	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
2.07E-01	TEENAGE	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
0.00E+00	TEENAGE	VEG. ING	2.38E-01	3.09E+00	2.83E-01	2.83E-01	7.03E-01
0.00E+00	TEENAGE	MEAT ING	3.30E-02	4.38E-01	7.02E-02	7.02E-02	8.81E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.89E+01	TEENAGE	TOTALS	1.15E+01	2.93E+01	5.21E+01	2.68E+00	3.12E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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3.67E+01	ADULT	INHAL.	8.06E+00	2.29E+01	4.12E+01	1.36E-01	1.39E-01
1.95E+00	ADULT	GROUND	1.95E+00	1.95E+00	1.95E+00	1.95E+00	1.95E+00
2.07E-01	ADULT	CLOUD	2.07E-01	2.07E-01	2.07E-01	2.07E-01	2.07E-01
0.00E+00	ADULT	VEG. ING	3.29E-01	4.26E+00	3.92E-01	3.92E-01	9.71E-01
0.00E+00	ADULT	MEAT ING	5.77E-02	7.65E-01	1.23E-01	1.23E-01	1.54E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.89E+01	ADULT	TOTALS	1.06E+01	3.01E+01	4.39E+01	2.81E+00	3.42E+00
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1REGION: Dewey Burdock
METSET:

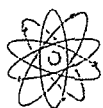
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 183
08/21/08
DURATION IN YRS IS...100.0

NUMBER 23 NAME=SF SE X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
0.00E+00	INFANT	INHAL.	3.68E+01	3.75E+01	2.89E+02	1.03E+00	1.14E+00
2.64E-01	INFANT	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
7.32E-07	INFANT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
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



POWERTECH (USA) Inc.

0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.64E-01	INFANT	TOTALS	3.71E+01	3.78E+01	2.89E+02	1.29E+00	1.40E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	CHILD	INHAL.	1.80E+01	3.24E+01	1.39E+02	4.31E-01	4.37E-01
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2.64E-01	CHILD	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
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7.32E-07	CHILD	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
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0.00E+00	CHILD	VEG. ING	2.10E-01	2.72E+00	2.46E-01	2.46E-01	6.18E-01
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0.00E+00	CHILD	MEAT ING	2.92E-02	3.88E-01	6.15E-02	6.15E-02	7.78E-02
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0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.64E-01	CHILD	TOTALS	1.85E+01	3.58E+01	1.39E+02	1.00E+00	1.40E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	1.00E+01	3.44E+01	7.22E+01	2.04E-01	2.39E-01
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2.64E-01	TEENAGE	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
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7.32E-07	TEENAGE	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
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0.00E+00	TEENAGE	VEG. ING	3.43E-01	4.45E+00	3.99E-01	3.99E-01	1.01E+00
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0.00E+00	TEENAGE	MEAT ING	4.73E-02	6.30E-01	9.98E-02	9.98E-02	1.26E-01
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0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.64E-01	TEENAGE	TOTALS	1.07E+01	3.98E+01	7.30E+01	9.66E-01	1.64E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	8.53E+00	3.34E+01	6.01E+01	1.71E-01	1.90E-01
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2.64E-01	ADULT	GROUND	2.64E-01	2.64E-01	2.64E-01	2.64E-01	2.64E-01
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7.32E-07	ADULT	CLOUD	7.32E-07	7.32E-07	7.32E-07	7.32E-07	7.32E-07
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0.00E+00	ADULT	VEG. ING	4.73E-01	6.14E+00	5.51E-01	5.51E-01	1.40E+00
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0.00E+00	ADULT	MEAT ING	8.27E-02	1.10E+00	1.74E-01	1.74E-01	2.21E-01
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POWERTECH (USA) INC.

0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.64E-01	ADULT	TOTALS	9.35E+00	4.09E+01	6.11E+01	1.16E+00	2.07E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 184
08/21/08

DURATION IN YRS IS...100.0

NUMBER 23 NAME=SF SE

X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
4.32E+01	INFANT	INHAL.	3.94E+01	3.75E+01	2.89E+02	1.11E+00	1.17E+00
2.84E+00	INFANT	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
1.86E-01	INFANT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
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

4.63E+01	INFANT	TOTALS	4.25E+01	4.06E+01	2.92E+02	4.14E+00	4.20E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
4.32E+01	CHILD	INHAL.	2.06E+01	3.24E+01	1.39E+02	4.67E-01	4.51E-01
2.84E+00	CHILD	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
1.86E-01	CHILD	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
0.00E+00	CHILD	VEG. ING	2.11E-01	2.73E+00	2.50E-01	2.50E-01	6.21E-01
0.00E+00	CHILD	MEAT ING	2.94E-02	3.90E-01	6.22E-02	6.22E-02	7.84E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.63E+01	CHILD	TOTALS	2.38E+01	3.86E+01	1.42E+02	3.81E+00	4.18E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
4.32E+01	TEENAGE	INHAL.	1.26E+01	3.44E+01	7.22E+01	2.19E-01	2.47E-01
2.84E+00	TEENAGE	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00



POWERTECH (USA) INC.

1.86E-01	TEENAGE	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
0.00E+00	TEENAGE	VEG. ING	3.45E-01	4.48E+00	4.05E-01	4.05E-01	1.02E+00
0.00E+00	TEENAGE	MEAT ING	4.77E-02	6.33E-01	1.01E-01	1.01E-01	1.27E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.63E+01	TEENAGE	TOTALS	1.60E+01	4.26E+01	7.57E+01	3.75E+00	4.42E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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4.32E+01	ADULT	INHAL.	1.11E+01	3.34E+01	6.01E+01	1.84E-01	1.96E-01
2.84E+00	ADULT	GROUND	2.84E+00	2.84E+00	2.84E+00	2.84E+00	2.84E+00
1.86E-01	ADULT	CLOUD	1.86E-01	1.86E-01	1.86E-01	1.86E-01	1.86E-01
0.00E+00	ADULT	VEG. ING	4.76E-01	6.17E+00	5.60E-01	5.60E-01	1.41E+00
0.00E+00	ADULT	MEAT ING	8.33E-02	1.11E+00	1.76E-01	1.76E-01	2.22E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.63E+01	ADULT	TOTALS	1.47E+01	4.37E+01	6.39E+01	3.95E+00	4.85E+00
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1REGION: Dewey Burdock
METSET:

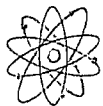
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 185
08/21/08
DURATION IN YRS IS...100.0

NUMBER 24 NAME=SF S X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
0.00E+00	INFANT	INHAL.	1.42E+01	1.44E+01	1.11E+02	3.96E-01	4.38E-01
1.02E-01	INFANT	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
2.81E-07	INFANT	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
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



POWERTECH (USA) INC.

1.02E-01	INFANT	TOTALS	1.43E+01	1.45E+01	1.11E+02	4.97E-01	5.39E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	CHILD	INHAL.	6.91E+00	1.25E+01	5.33E+01	1.66E-01	1.68E-01
1.02E-01	CHILD	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
2.81E-07	CHILD	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
0.00E+00	CHILD	VEG. ING	8.06E-02	1.05E+00	9.46E-02	9.46E-02	2.37E-01
0.00E+00	CHILD	MEAT ING	1.12E-02	1.49E-01	2.36E-02	2.36E-02	2.99E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.02E-01	CHILD	TOTALS	7.10E+00	1.38E+01	5.35E+01	3.86E-01	5.37E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	3.86E+00	1.32E+01	2.78E+01	7.83E-02	9.20E-02
1.02E-01	TEENAGE	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
2.81E-07	TEENAGE	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
0.00E+00	TEENAGE	VEG. ING	1.32E-01	1.71E+00	1.53E-01	1.53E-01	3.89E-01
0.00E+00	TEENAGE	MEAT ING	1.82E-02	2.42E-01	3.84E-02	3.84E-02	4.86E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.02E-01	TEENAGE	TOTALS	4.11E+00	1.53E+01	2.81E+01	3.72E-01	6.31E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	3.28E+00	1.28E+01	2.31E+01	6.58E-02	7.30E-02
1.02E-01	ADULT	GROUND	1.02E-01	1.02E-01	1.02E-01	1.02E-01	1.02E-01
2.81E-07	ADULT	CLOUD	2.81E-07	2.81E-07	2.81E-07	2.81E-07	2.81E-07
0.00E+00	ADULT	VEG. ING	1.82E-01	2.36E+00	2.12E-01	2.12E-01	5.37E-01
0.00E+00	ADULT	MEAT ING	3.18E-02	4.23E-01	6.70E-02	6.70E-02	8.49E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) Inc.

1.02E-01 ADULT TOTALS 3.60E+00 1.57E+01 2.35E+01 4.46E-01 7.97E-01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2, .

PAGE 186
08/21/08
DURATION IN YRS IS...100.0

NUMBER 24 NAME=SF S

X= -5.1KM, Y= -0.3KM, Z= 0.0M, DIST= 5.1KM, IRTYPE=10

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

BRONCHI

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

2.48E+01 INFANT INHAL. 1.57E+01 1.44E+01 1.11E+02 5.17E-01 4.85E-01
1.09E+00 INFANT GROUND 1.09E+00 1.09E+00 1.09E+00 1.09E+00 1.09E+00
1.62E-01 INFANT CLOUD 1.62E-01 1.62E-01 1.62E-01 1.62E-01 1.62E-01
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

2.60E+01 INFANT TOTALS 1.69E+01 1.57E+01 1.12E+02 1.77E+00 1.74E+00

BRONCHI

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

2.48E+01 CHILD INHAL. 8.40E+00 1.25E+01 5.33E+01 2.19E-01 1.90E-01
1.09E+00 CHILD GROUND 1.09E+00 1.09E+00 1.09E+00 1.09E+00 1.09E+00
1.62E-01 CHILD CLOUD 1.62E-01 1.62E-01 1.62E-01 1.62E-01 1.62E-01
0.00E+00 CHILD VEG. ING 8.24E-02 1.07E+00 1.01E-01 1.01E-01 2.42E-01
0.00E+00 CHILD MEAT ING 1.15E-02 1.53E-01 2.47E-02 2.47E-02 3.08E-02
0.00E+00 CHILD MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.60E+01 CHILD TOTALS 9.75E+00 1.49E+01 5.47E+01 1.60E+00 1.72E+00

BRONCHI

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

2.48E+01 TEENAGE INHAL. 5.35E+00 1.33E+01 2.78E+01 1.01E-01 1.03E-01



POWERTECH (USA) INC.

1.09E+00	TEENAGE	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
1.62E-01	TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
0.00E+00	TEENAGE	VEG. ING	1.35E-01	1.75E+00	1.63E-01	1.63E-01	3.97E-01
0.00E+00	TEENAGE	MEAT ING	1.87E-02	2.48E-01	4.01E-02	4.01E-02	5.00E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.60E+01	TEENAGE	TOTALS	6.76E+00	1.65E+01	2.92E+01	1.56E+00	1.81E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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2.48E+01	ADULT	INHAL.	4.77E+00	1.29E+01	2.31E+01	8.49E-02	8.22E-02
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1.09E+00	ADULT	GROUND	1.09E+00	1.09E+00	1.09E+00	1.09E+00	1.09E+00
1.62E-01	ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
0.00E+00	ADULT	VEG. ING	1.86E-01	2.41E+00	2.26E-01	2.26E-01	5.49E-01
0.00E+00	ADULT	MEAT ING	3.27E-02	4.33E-01	7.01E-02	7.01E-02	8.74E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.60E+01	ADULT	TOTALS	6.24E+00	1.70E+01	2.47E+01	1.64E+00	1.97E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 187
08/21/08
DURATION IN YRS IS...100.0

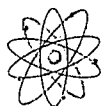
NUMBER 25 NAME=SF SSW X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

0.00E+00	INFANT	INHAL.	1.84E+01	1.88E+01	1.44E+02	5.15E-01	5.70E-01
1.32E-01	INFANT	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
3.66E-07	INFANT	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
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



POWERTECH (USA) Inc.

-----	INFANT	TOTALS	1.86E+01	1.89E+01	1.45E+02	6.48E-01	7.02E-01
1.32E-01	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
-----	CHILD	INHAL.	8.99E+00	1.62E+01	6.94E+01	2.16E-01	2.19E-01
0.00E+00	CHILD	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
1.32E-01	CHILD	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
3.66E-07	CHILD	VEG. ING	1.05E-01	1.36E+00	1.23E-01	1.23E-01	3.09E-01
0.00E+00	CHILD	MEAT ING	1.46E-02	1.94E-01	3.08E-02	3.08E-02	3.90E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							
-----	CHILD	TOTALS	9.24E+00	1.79E+01	6.96E+01	5.02E-01	6.99E-01
1.32E-01	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
-----	TEENAGE	INHAL.	5.02E+00	1.72E+01	3.61E+01	1.02E-01	1.20E-01
0.00E+00	TEENAGE	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
1.32E-01	TEENAGE	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
3.66E-07	TEENAGE	VEG. ING	1.72E-01	2.23E+00	2.00E-01	2.00E-01	5.06E-01
0.00E+00	TEENAGE	MEAT ING	2.37E-02	3.15E-01	4.99E-02	4.99E-02	6.32E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							
-----	TEENAGE	TOTALS	5.35E+00	1.99E+01	3.65E+01	4.84E-01	8.22E-01
1.32E-01	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
-----	ADULT	INHAL.	4.27E+00	1.67E+01	3.01E+01	8.56E-02	9.50E-02
0.00E+00	ADULT	GROUND	1.32E-01	1.32E-01	1.32E-01	1.32E-01	1.32E-01
1.32E-01	ADULT	CLOUD	3.66E-07	3.66E-07	3.66E-07	3.66E-07	3.66E-07
3.66E-07	ADULT	VEG. ING	2.37E-01	3.07E+00	2.76E-01	2.76E-01	7.00E-01
0.00E+00	ADULT	MEAT ING	4.14E-02	5.51E-01	8.73E-02	8.73E-02	1.11E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							



POWERTECH (USA) INC.

ADULT TOTALS 4.68E+00 2.05E+01 3.06E+01 5.81E-01 1.04E+00
1.32E-01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 188
08/21/08
DURATION IN YRS IS...100.0

NUMBER 25 NAME=SF SSW

X= -6.0KM, Y= 1.3KM, Z= 0.0M, DIST= 6.1KM, IRTYPE=10

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

BRONCHI

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

INFANT INHAL. 1.97E+01 1.88E+01 1.44E+02 5.78E-01 5.94E-01
2.14E+01
INFANT GROUND 1.42E+00 1.42E+00 1.42E+00 1.42E+00 1.42E+00
1.42E+00
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 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
0.00E+00

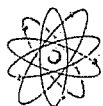
INFANT TOTALS 2.13E+01 2.03E+01 1.46E+02 2.11E+00 2.13E+00
2.30E+01
BRONCHI

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

CHILD INHAL. 1.03E+01 1.62E+01 6.94E+01 2.44E-01 2.30E-01
2.14E+01
CHILD GROUND 1.42E+00 1.42E+00 1.42E+00 1.42E+00 1.42E+00
1.42E+00
CHILD CLOUD 1.11E-01 1.11E-01 1.11E-01 1.11E-01 1.11E-01
1.11E-01
CHILD VEG. ING 1.06E-01 1.37E+00 1.26E-01 1.26E-01 3.12E-01
0.00E+00
CHILD MEAT ING 1.48E-02 1.96E-01 3.13E-02 3.13E-02 3.94E-02
0.00E+00
CHILD MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00
0.00E+00

CHILD TOTALS 1.19E+01 1.93E+01 7.10E+01 1.94E+00 2.12E+00
2.30E+01
BRONCHI

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY



POWERTECH (USA) Inc.

2.14E+01	TEENAGE	INHAL.	6.31E+00	1.72E+01	3.61E+01	1.14E-01	1.25E-01
1.42E+00	TEENAGE	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
1.11E-01	TEENAGE	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
0.00E+00	TEENAGE	VEG. ING	1.73E-01	2.25E+00	2.05E-01	2.05E-01	5.11E-01
0.00E+00	TEENAGE	MEAT ING	2.40E-02	3.18E-01	5.09E-02	5.09E-02	6.40E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.30E+01	TEENAGE	TOTALS	8.04E+00	2.13E+01	3.79E+01	1.90E+00	2.23E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.14E+01	ADULT	INHAL.	5.56E+00	1.67E+01	3.01E+01	9.56E-02	9.98E-02
1.42E+00	ADULT	GROUND	1.42E+00	1.42E+00	1.42E+00	1.42E+00	1.42E+00
1.11E-01	ADULT	CLOUD	1.11E-01	1.11E-01	1.11E-01	1.11E-01	1.11E-01
0.00E+00	ADULT	VEG. ING	2.39E-01	3.10E+00	2.83E-01	2.83E-01	7.06E-01
0.00E+00	ADULT	MEAT ING	4.19E-02	5.56E-01	8.89E-02	8.89E-02	1.12E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.30E+01	ADULT	TOTALS	7.37E+00	2.19E+01	3.20E+01	2.00E+00	2.45E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 189
08/21/08

DURATION IN YRS IS...100.0

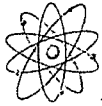
NUMBER 26 NAME=SF SW

X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	3.07E+01	3.13E+01	2.41E+02	8.60E-01	9.50E-01
2.20E-01	INFANT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.11E-07	INFANT	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00



POWERTECH (USA) INC.

0.00E+00	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

2.20E-01	INFANT	TOTALS	3.09E+01	3.15E+01	2.41E+02	1.08E+00	1.17E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	CHILD	INHAL.	1.50E+01	2.70E+01	1.16E+02	3.60E-01	3.65E-01
2.20E-01	CHILD	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.11E-07	CHILD	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
0.00E+00	CHILD	VEG. ING	1.75E-01	2.27E+00	2.05E-01	2.05E-01	5.15E-01
0.00E+00	CHILD	MEAT ING	2.43E-02	3.24E-01	5.13E-02	5.13E-02	6.49E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.20E-01	CHILD	TOTALS	1.54E+01	2.99E+01	1.16E+02	8.37E-01	1.17E+00
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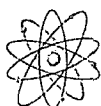
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	8.37E+00	2.87E+01	6.02E+01	1.70E-01	2.00E-01
2.20E-01	TEENAGE	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.11E-07	TEENAGE	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
0.00E+00	TEENAGE	VEG. ING	2.86E-01	3.72E+00	3.33E-01	3.33E-01	8.44E-01
0.00E+00	TEENAGE	MEAT ING	3.95E-02	5.25E-01	8.33E-02	8.33E-02	1.05E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.20E-01	TEENAGE	TOTALS	8.91E+00	3.32E+01	6.09E+01	8.07E-01	1.37E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	7.12E+00	2.79E+01	5.01E+01	1.43E-01	1.58E-01
2.20E-01	ADULT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.11E-07	ADULT	CLOUD	6.11E-07	6.11E-07	6.11E-07	6.11E-07	6.11E-07
0.00E+00	ADULT	VEG. ING	3.95E-01	5.12E+00	4.60E-01	4.60E-01	1.17E+00



PowerTech (USA) Inc.

0.00E+00	ADULT	MEAT ING	6.91E-02	9.18E-01	1.46E-01	1.46E-01	1.84E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.20E-01	ADULT	TOTALS	7.80E+00	3.41E+01	5.09E+01	9.69E-01	1.73E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 190
08/21/08
DURATION IN YRS IS...100.0

NUMBER 26 NAME=SF SW X= -6.1KM, Y= 2.5KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
2.03E+01	INFANT	INHAL.	3.19E+01	3.13E+01	2.41E+02	9.01E-01	9.66E-01
2.37E+00	INFANT	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
7.26E-02	INFANT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
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

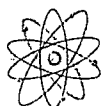
2.28E+01	INFANT	TOTALS	3.44E+01	3.38E+01	2.43E+02	3.34E+00	3.41E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
2.03E+01	CHILD	INHAL.	1.62E+01	2.71E+01	1.16E+02	3.79E-01	3.72E-01
2.37E+00	CHILD	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
7.26E-02	CHILD	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
0.00E+00	CHILD	VEG. ING	1.76E-01	2.28E+00	2.08E-01	2.08E-01	5.17E-01

0.00E+00	CHILD	MEAT ING	2.45E-02	3.25E-01	5.17E-02	5.17E-02	6.53E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.28E+01	CHILD	TOTALS	1.89E+01	3.21E+01	1.18E+02	3.08E+00	3.40E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							



POWERTECH (USA) INC.

-----	TEENAGE	INHAL.	9.59E+00	2.87E+01	6.02E+01	1.78E-01	2.03E-01
2.03E+01	TEENAGE	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
2.37E+00	TEENAGE	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
7.26E-02	TEENAGE	VEG. ING	2.87E-01	3.73E+00	3.36E-01	3.36E-01	8.47E-01
0.00E+00	TEENAGE	MEAT ING	3.97E-02	5.27E-01	8.39E-02	8.39E-02	1.06E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

-----	TEENAGE	TOTALS	1.24E+01	3.54E+01	6.31E+01	3.04E+00	3.60E+00
2.28E+01							
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

-----	ADULT	INHAL.	8.34E+00	2.79E+01	5.01E+01	1.49E-01	1.62E-01
2.03E+01	ADULT	GROUND	2.37E+00	2.37E+00	2.37E+00	2.37E+00	2.37E+00
2.37E+00	ADULT	CLOUD	7.26E-02	7.26E-02	7.26E-02	7.26E-02	7.26E-02
7.26E-02	ADULT	VEG. ING	3.96E-01	5.14E+00	4.65E-01	4.65E-01	1.17E+00
0.00E+00	ADULT	MEAT ING	6.94E-02	9.22E-01	1.47E-01	1.47E-01	1.85E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

-----	ADULT	TOTALS	1.12E+01	3.64E+01	5.32E+01	3.20E+00	3.96E+00
2.28E+01							

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 191
08/21/08

DURATION IN YRS IS...100.0

NUMBER 27 NAME=SF WSW X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

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

-----	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
-----	INFANT	INHAL.	3.65E+01	3.72E+01	2.86E+02	1.02E+00	1.13E+00
0.00E+00	INFANT	GROUND	2.62E-01	2.62E-01	2.62E-01	2.62E-01	2.62E-01
2.62E-01	INFANT	CLOUD	7.26E-07	7.26E-07	7.26E-07	7.26E-07	7.26E-07
7.26E-07							
	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							



POWERTECH (USA) Inc.

0.00E+00 INFANT MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.62E-01 INFANT TOTALS 3.68E+01 3.75E+01 2.86E+02 1.28E+00 1.39E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 CHILD INHAL. 1.78E+01 3.21E+01 1.37E+02 4.28E-01 4.33E-01

2.62E-01 CHILD GROUND 2.62E-01 2.62E-01 2.62E-01 2.62E-01 2.62E-01

7.26E-07 CHILD CLOUD 7.26E-07 7.26E-07 7.26E-07 7.26E-07 7.26E-07

0.00E+00 CHILD VEG. ING 2.08E-01 2.70E+00 2.44E-01 2.44E-01 6.12E-01

0.00E+00 CHILD MEAT ING 2.89E-02 3.85E-01 6.10E-02 6.10E-02 7.72E-02

0.00E+00 CHILD MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.62E-01 CHILD TOTALS 1.83E+01 3.55E+01 1.38E+02 9.95E-01 1.38E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 TEENAGE INHAL. 9.94E+00 3.41E+01 7.16E+01 2.02E-01 2.37E-01

2.62E-01 TEENAGE GROUND 2.62E-01 2.62E-01 2.62E-01 2.62E-01 2.62E-01

7.26E-07 TEENAGE CLOUD 7.26E-07 7.26E-07 7.26E-07 7.26E-07 7.26E-07

0.00E+00 TEENAGE VEG. ING 3.40E-01 4.42E+00 3.95E-01 3.95E-01 1.00E+00

0.00E+00 TEENAGE MEAT ING 4.69E-02 6.24E-01 9.90E-02 9.90E-02 1.25E-01

0.00E+00 TEENAGE MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.62E-01 TEENAGE TOTALS 1.06E+01 3.94E+01 7.23E+01 9.58E-01 1.63E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 ADULT INHAL. 8.46E+00 3.31E+01 5.96E+01 1.70E-01 1.88E-01

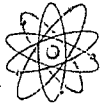
2.62E-01 ADULT GROUND 2.62E-01 2.62E-01 2.62E-01 2.62E-01 2.62E-01

7.26E-07 ADULT CLOUD 7.26E-07 7.26E-07 7.26E-07 7.26E-07 7.26E-07

0.00E+00 ADULT VEG. ING 4.69E-01 6.09E+00 5.46E-01 5.46E-01 1.39E+00

0.00E+00 ADULT MEAT ING 8.21E-02 1.09E+00 1.73E-01 1.73E-01 2.19E-01

0.00E+00 ADULT MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00



POWERTECH (USA) Inc.

2.62E-01 ADULT TOTALS 9.27E+00 4.05E+01 6.05E+01 1.15E+00 2.05E+00

IREGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 192
08/21/08

DURATION IN YRS IS...100.0

NUMBER 27 NAME=SF WSW

X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

1.83E+01	INFANT	INHAL.	3.76E+01	3.72E+01	2.86E+02	1.06E+00	1.14E+00
2.82E+00	INFANT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
5.30E-02	INFANT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
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

2.12E+01	INFANT	TOTALS	4.05E+01	4.01E+01	2.89E+02	3.93E+00	4.01E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.83E+01	CHILD	INHAL.	1.89E+01	3.21E+01	1.37E+02	4.44E-01	4.40E-01
2.82E+00	CHILD	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
5.30E-02	CHILD	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
0.00E+00	CHILD	VEG. ING	2.08E-01	2.70E+00	2.46E-01	2.46E-01	6.14E-01
0.00E+00	CHILD	MEAT ING	2.90E-02	3.86E-01	6.13E-02	6.13E-02	7.74E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.12E+01	CHILD	TOTALS	2.20E+01	3.81E+01	1.41E+02	3.62E+00	4.00E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.83E+01	TEENAGE	INHAL.	1.10E+01	3.41E+01	7.16E+01	2.09E-01	2.40E-01
2.82E+00	TEENAGE	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
5.30E-02	TEENAGE	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02



POWERTECH (USA) INC.

0.00E+00	TEENAGE	VEG. ING	3.41E-01	4.43E+00	3.98E-01	3.98E-01	1.01E+00
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0.00E+00	TEENAGE	MEAT ING	4.71E-02	6.26E-01	9.95E-02	9.95E-02	1.26E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.12E+01	TEENAGE	TOTALS	1.43E+01	4.21E+01	7.49E+01	3.58E+00	4.24E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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1.83E+01	ADULT	INHAL.	9.56E+00	3.31E+01	5.96E+01	1.75E-01	1.91E-01
2.82E+00	ADULT	GROUND	2.82E+00	2.82E+00	2.82E+00	2.82E+00	2.82E+00
5.30E-02	ADULT	CLOUD	5.30E-02	5.30E-02	5.30E-02	5.30E-02	5.30E-02
0.00E+00	ADULT	VEG. ING	4.70E-01	6.10E+00	5.50E-01	5.50E-01	1.39E+00
0.00E+00	ADULT	MEAT ING	8.23E-02	1.09E+00	1.74E-01	1.74E-01	2.20E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.12E+01	ADULT	TOTALS	1.30E+01	4.32E+01	6.32E+01	3.77E+00	4.67E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 193
08/21/08

DURATION IN YRS IS...100.0

NUMBER 28 NAME=SF W

X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
0.00E+00	INFANT	INHAL.	6.03E+01	6.15E+01	4.72E+02	1.69E+00	1.86E+00
4.33E-01	INFANT	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
1.20E-06	INFANT	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
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

4.33E-01	INFANT	TOTALS	6.07E+01	6.19E+01	4.73E+02	2.12E+00	2.30E+00
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POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	CHILD	INHAL.	2.94E+01	5.31E+01	2.27E+02	7.07E-01	7.16E-01
4.33E-01	CHILD	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01

1.20E-06	CHILD	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
0.00E+00	CHILD	VEG. ING	3.43E-01	4.45E+00	4.03E-01	4.03E-01	1.01E+00
0.00E+00	CHILD	MEAT ING	4.78E-02	6.35E-01	1.01E-01	1.01E-01	1.27E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.33E-01	CHILD	TOTALS	3.02E+01	5.86E+01	2.28E+02	1.64E+00	2.29E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

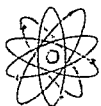
0.00E+00	TEENAGE	INHAL.	1.64E+01	5.64E+01	1.18E+02	3.34E-01	3.92E-01
4.33E-01	TEENAGE	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
1.20E-06	TEENAGE	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
0.00E+00	TEENAGE	VEG. ING	5.62E-01	7.30E+00	6.53E-01	6.53E-01	1.66E+00
0.00E+00	TEENAGE	MEAT ING	7.76E-02	1.03E+00	1.63E-01	1.63E-01	2.07E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.33E-01	TEENAGE	TOTALS	1.75E+01	6.51E+01	1.19E+02	1.58E+00	2.69E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	ADULT	INHAL.	1.40E+01	5.47E+01	9.84E+01	2.80E-01	3.11E-01
4.33E-01	ADULT	GROUND	4.33E-01	4.33E-01	4.33E-01	4.33E-01	4.33E-01
1.20E-06	ADULT	CLOUD	1.20E-06	1.20E-06	1.20E-06	1.20E-06	1.20E-06
0.00E+00	ADULT	VEG. ING	7.75E-01	1.01E+01	9.03E-01	9.03E-01	2.29E+00
0.00E+00	ADULT	MEAT ING	1.36E-01	1.80E+00	2.86E-01	2.86E-01	3.62E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.33E-01	ADULT	TOTALS	1.53E+01	6.70E+01	1.00E+02	1.90E+00	3.39E+00



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 194
08/21/08

DURATION IN YRS IS...100.0

NUMBER 28 NAME=SF W

X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

1.83E+01	INFANT	INHAL.	6.14E+01	6.15E+01	4.72E+02	1.72E+00	1.88E+00
4.65E+00	INFANT	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
4.68E-02	INFANT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
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

2.30E+01	INFANT	TOTALS	6.61E+01	6.62E+01	4.77E+02	6.42E+00	6.58E+00

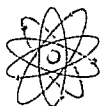
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

1.83E+01	CHILD	INHAL.	3.05E+01	5.31E+01	2.27E+02	7.22E-01	7.22E-01
4.65E+00	CHILD	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
4.68E-02	CHILD	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02
0.00E+00	CHILD	VEG. ING	3.44E-01	4.46E+00	4.05E-01	4.05E-01	1.01E+00
0.00E+00	CHILD	MEAT ING	4.79E-02	6.36E-01	1.01E-01	1.01E-01	1.28E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.30E+01	CHILD	TOTALS	3.56E+01	6.29E+01	2.32E+02	5.93E+00	6.56E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

1.83E+01	TEENAGE	INHAL.	1.75E+01	5.64E+01	1.18E+02	3.40E-01	3.95E-01
4.65E+00	TEENAGE	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
4.68E-02	TEENAGE	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02



POWERTech (USA) Inc.

0.00E+00	TEENAGE	VEG. ING	5.63E-01	7.30E+00	6.56E-01	6.56E-01	1.66E+00
0.00E+00	TEENAGE	MEAT ING	7.77E-02	1.03E+00	1.64E-01	1.64E-01	2.07E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.30E+01	TEENAGE	TOTALS	2.29E+01	6.94E+01	1.24E+02	5.86E+00	6.96E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.83E+01	ADULT	INHAL.	1.51E+01	5.47E+01	9.84E+01	2.86E-01	3.13E-01
4.65E+00	ADULT	GROUND	4.65E+00	4.65E+00	4.65E+00	4.65E+00	4.65E+00
4.68E-02	ADULT	CLOUD	4.68E-02	4.68E-02	4.68E-02	4.68E-02	4.68E-02

0.00E+00	ADULT	VEG. ING	7.76E-01	1.01E+01	9.06E-01	9.06E-01	2.29E+00
0.00E+00	ADULT	MEAT ING	1.36E-01	1.81E+00	2.87E-01	2.87E-01	3.62E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.30E+01	ADULT	TOTALS	2.07E+01	7.13E+01	1.04E+02	6.18E+00	7.67E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 195
08/21/08
DURATION IN YRS IS...100.0

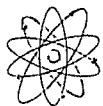
NUMBER 29 NAME=SF WNW X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	2.21E+02	2.25E+02	1.73E+03	6.18E+00	6.83E+00
1.59E+00	INFANT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.39E-06	INFANT	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
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

1.59E+00	INFANT	TOTALS	2.22E+02	2.27E+02	1.73E+03	7.77E+00	8.42E+00



POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	CHILD	INHAL.	1.08E+02	1.94E+02	8.31E+02	2.59E+00	2.62E+00
1.59E+00	CHILD	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.39E-06	CHILD	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
0.00E+00	CHILD	VEG. ING	1.26E+00	1.63E+01	1.48E+00	1.48E+00	3.70E+00
0.00E+00	CHILD	MEAT ING	1.75E-01	2.33E+00	3.69E-01	3.69E-01	4.67E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

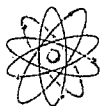
1.59E+00	CHILD	TOTALS	1.11E+02	2.15E+02	8.34E+02	6.02E+00	8.38E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	6.02E+01	2.07E+02	4.33E+02	1.22E+00	1.44E+00
1.59E+00	TEENAGE	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.39E-06	TEENAGE	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
0.00E+00	TEENAGE	VEG. ING	2.06E+00	2.67E+01	2.39E+00	2.39E+00	6.07E+00
0.00E+00	TEENAGE	MEAT ING	2.84E-01	3.78E+00	5.99E-01	5.99E-01	7.58E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.59E+00	TEENAGE	TOTALS	6.41E+01	2.39E+02	4.38E+02	5.80E+00	9.85E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	5.12E+01	2.00E+02	3.60E+02	1.03E+00	1.14E+00
1.59E+00	ADULT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.39E-06	ADULT	CLOUD	4.39E-06	4.39E-06	4.39E-06	4.39E-06	4.39E-06
0.00E+00	ADULT	VEG. ING	2.84E+00	3.68E+01	3.31E+00	3.31E+00	8.38E+00
0.00E+00	ADULT	MEAT ING	4.97E-01	6.60E+00	1.05E+00	1.05E+00	1.32E+00
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.59E+00	ADULT	TOTALS	5.61E+01	2.45E+02	3.66E+02	6.96E+00	1.24E+01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 196
08/21/08
DURATION IN YRS IS...100.0

NUMBER 29 NAME=SF WNW

X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	INFANT	INHAL.	2.22E+02	2.25E+02	1.73E+03	6.21E+00	6.84E+00
2.46E+01	INFANT	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
1.70E+01	INFANT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
3.98E-02	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	INFANT	TOTALS	2.39E+02	2.42E+02	1.75E+03	2.33E+01	2.39E+01
4.16E+01							

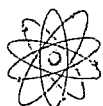
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	CHILD	INHAL.	1.09E+02	1.95E+02	8.31E+02	2.60E+00	2.63E+00
2.46E+01	CHILD	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
1.70E+01	CHILD	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
3.98E-02	CHILD	VEG. ING	1.26E+00	1.63E+01	1.48E+00	1.48E+00	3.71E+00
0.00E+00	CHILD	MEAT ING	1.75E-01	2.33E+00	3.69E-01	3.69E-01	4.67E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	CHILD	TOTALS	1.28E+02	2.30E+02	8.50E+02	2.15E+01	2.39E+01
4.16E+01							

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

	TEENAGE	INHAL.	6.16E+01	2.07E+02	4.33E+02	1.23E+00	1.44E+00
2.46E+01	TEENAGE	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
1.70E+01	TEENAGE	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
3.98E-02							



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	VEG. ING	2.06E+00	2.67E+01	2.39E+00	2.39E+00	6.07E+00
0.00E+00	TEENAGE	MEAT ING	2.84E-01	3.78E+00	5.99E-01	5.99E-01	7.58E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.16E+01	TEENAGE	TOTALS	8.10E+01	2.54E+02	4.53E+02	2.13E+01	2.53E+01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.46E+01	ADULT	INHAL.	5.26E+01	2.00E+02	3.60E+02	1.03E+00	1.14E+00
1.70E+01	ADULT	GROUND	1.70E+01	1.70E+01	1.70E+01	1.70E+01	1.70E+01
3.98E-02	ADULT	CLOUD	3.98E-02	3.98E-02	3.98E-02	3.98E-02	3.98E-02
0.00E+00	ADULT	VEG. ING	2.84E+00	3.68E+01	3.31E+00	3.31E+00	8.39E+00
0.00E+00	ADULT	MEAT ING	4.97E-01	6.61E+00	1.05E+00	1.05E+00	1.33E+00
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.16E+01	ADULT	TOTALS	7.31E+01	2.61E+02	3.82E+02	2.25E+01	2.79E+01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 197
08/21/08

DURATION IN YRS IS...100.0

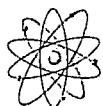
NUMBER 30 NAME=SF NW

X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	2.27E+02	2.32E+02	1.78E+03	6.35E+00	7.02E+00
1.63E+00	INFANT	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
4.51E-06	INFANT	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
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



POWERTECH (USA) Inc.

0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.63E+00	INFANT	TOTALS	2.29E+02	2.33E+02	1.78E+03	7.98E+00	8.65E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	CHILD	INHAL.	1.11E+02	2.00E+02	8.54E+02	2.66E+00	2.69E+00
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1.63E+00	CHILD	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
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4.51E-06	CHILD	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
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0.00E+00	CHILD	VEG. ING	1.29E+00	1.68E+01	1.52E+00	1.52E+00	3.81E+00
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0.00E+00	CHILD	MEAT ING	1.80E-01	2.39E+00	3.79E-01	3.79E-01	4.80E-01
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0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.63E+00	CHILD	TOTALS	1.14E+02	2.21E+02	8.58E+02	6.19E+00	8.61E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	6.18E+01	2.12E+02	4.45E+02	1.26E+00	1.48E+00
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1.63E+00	TEENAGE	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
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4.51E-06	TEENAGE	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
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0.00E+00	TEENAGE	VEG. ING	2.12E+00	2.75E+01	2.46E+00	2.46E+00	6.24E+00
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0.00E+00	TEENAGE	MEAT ING	2.92E-01	3.88E+00	6.16E-01	6.16E-01	7.79E-01
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0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.63E+00	TEENAGE	TOTALS	6.59E+01	2.45E+02	4.50E+02	5.96E+00	1.01E+01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	5.26E+01	2.06E+02	3.70E+02	1.06E+00	1.17E+00
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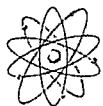
1.63E+00	ADULT	GROUND	1.63E+00	1.63E+00	1.63E+00	1.63E+00	1.63E+00
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4.51E-06	ADULT	CLOUD	4.51E-06	4.51E-06	4.51E-06	4.51E-06	4.51E-06
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0.00E+00	ADULT	VEG. ING	2.92E+00	3.79E+01	3.40E+00	3.40E+00	8.62E+00
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0.00E+00	ADULT	MEAT ING	5.10E-01	6.79E+00	1.08E+00	1.08E+00	1.36E+00
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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POWERTech (USA) Inc.

1.63E+00

ADULT TOTALS 5.77E+01 2.52E+02 3.77E+02 7.16E+00 1.28E+01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 198
08/21/08
DURATION IN YRS IS...100.0

NUMBER 30 NAME=SF NW

X= -5.2KM, Y= 3.8KM, Z= 0.0M, DIST= 6.4KM, IRTYPE=10

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

BRONCHI

3.04E+01
1.75E+01
3.88E-02
0.00E+00
0.00E+00
0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
INFANT	INHAL.	2.29E+02	2.32E+02	1.78E+03	6.38E+00	7.03E+00
INFANT	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
INFANT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
INFANT	MEAT ING	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

4.80E+01

INFANT TOTALS 2.46E+02 2.49E+02 1.80E+03 2.39E+01 2.46E+01

BRONCHI

3.04E+01
1.75E+01
3.88E-02
0.00E+00

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
CHILD	INHAL.	1.13E+02	2.00E+02	8.54E+02	2.67E+00	2.70E+00
CHILD	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
CHILD	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
CHILD	VEG. ING	1.29E+00	1.68E+01	1.52E+00	1.52E+00	3.81E+00

0.00E+00
0.00E+00

CHILD	MEAT ING	1.80E-01	2.39E+00	3.80E-01	3.80E-01	4.80E-01
CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.80E+01

CHILD TOTALS 1.32E+02 2.37E+02 8.74E+02 2.21E+01 2.45E+01

BRONCHI

AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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POWERTECH (USA) Inc.

3.04E+01	TEENAGE	INHAL.	6.37E+01	2.12E+02	4.45E+02	1.26E+00	1.48E+00
1.75E+01	TEENAGE	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
3.88E-02	TEENAGE	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
0.00E+00	TEENAGE	VEG. ING	2.12E+00	2.75E+01	2.46E+00	2.46E+00	6.24E+00
0.00E+00	TEENAGE	MEAT ING	2.92E-01	3.89E+00	6.16E-01	6.16E-01	7.80E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.80E+01	TEENAGE	TOTALS	8.36E+01	2.61E+02	4.66E+02	2.19E+01	2.61E+01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

3.04E+01	ADULT	INHAL.	5.44E+01	2.06E+02	3.70E+02	1.06E+00	1.17E+00
1.75E+01	ADULT	GROUND	1.75E+01	1.75E+01	1.75E+01	1.75E+01	1.75E+01
3.88E-02	ADULT	CLOUD	3.88E-02	3.88E-02	3.88E-02	3.88E-02	3.88E-02
0.00E+00	ADULT	VEG. ING	2.92E+00	3.79E+01	3.40E+00	3.40E+00	8.62E+00
0.00E+00	ADULT	MEAT ING	5.11E-01	6.79E+00	1.08E+00	1.08E+00	1.36E+00
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.80E+01	ADULT	TOTALS	7.54E+01	2.68E+02	3.92E+02	2.31E+01	2.87E+01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 199
08/21/08
DURATION IN YRS IS...100.0

NUMBER 31 NAME=SF NNW

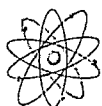
X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	2.22E+02	2.26E+02	1.74E+03	6.20E+00	6.86E+00
1.59E+00	INFANT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00

4.41E-06	INFANT	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
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



POWERTECH (USA) INC.

0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.59E+00	INFANT	TOTALS	2.23E+02	2.28E+02	1.74E+03	7.79E+00	8.45E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	CHILD	INHAL.	1.08E+02	1.95E+02	8.34E+02	2.60E+00	2.63E+00
1.59E+00	CHILD	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.41E-06	CHILD	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
0.00E+00	CHILD	VEG. ING	1.26E+00	1.64E+01	1.48E+00	1.48E+00	3.72E+00
0.00E+00	CHILD	MEAT ING	1.76E-01	2.34E+00	3.70E-01	3.70E-01	4.69E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

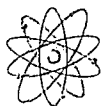
1.59E+00	CHILD	TOTALS	1.11E+02	2.15E+02	8.37E+02	6.04E+00	8.41E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	6.04E+01	2.07E+02	4.35E+02	1.23E+00	1.44E+00
1.59E+00	TEENAGE	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.41E-06	TEENAGE	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
0.00E+00	TEENAGE	VEG. ING	2.07E+00	2.68E+01	2.40E+00	2.40E+00	6.09E+00
0.00E+00	TEENAGE	MEAT ING	2.85E-01	3.79E+00	6.01E-01	6.01E-01	7.61E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.59E+00	TEENAGE	TOTALS	6.43E+01	2.39E+02	4.39E+02	5.82E+00	9.88E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	5.14E+01	2.01E+02	3.62E+02	1.03E+00	1.14E+00
1.59E+00	ADULT	GROUND	1.59E+00	1.59E+00	1.59E+00	1.59E+00	1.59E+00
4.41E-06	ADULT	CLOUD	4.41E-06	4.41E-06	4.41E-06	4.41E-06	4.41E-06
0.00E+00	ADULT	VEG. ING	2.85E+00	3.70E+01	3.32E+00	3.32E+00	8.41E+00
0.00E+00	ADULT	MEAT ING	4.98E-01	6.63E+00	1.05E+00	1.05E+00	1.33E+00
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.59E+00	ADULT	TOTALS	5.63E+01	2.46E+02	3.68E+02	6.99E+00	1.25E+01



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 200
08/21/08

DURATION IN YRS IS...100.0

NUMBER 31 NAME=SF NNW

X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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

BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
3.09E+01	INFANT	INHAL.	2.24E+02	2.26E+02	1.74E+03	6.23E+00	6.87E+00
1.71E+01	INFANT	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
4.51E-02	INFANT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
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

4.80E+01	INFANT	TOTALS	2.41E+02	2.43E+02	1.75E+03	2.34E+01	2.40E+01
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BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
3.09E+01	CHILD	INHAL.	1.10E+02	1.95E+02	8.34E+02	2.61E+00	2.64E+00
1.71E+01	CHILD	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
4.51E-02	CHILD	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
0.00E+00	CHILD	VEG. ING	1.26E+00	1.64E+01	1.48E+00	1.48E+00	3.72E+00
0.00E+00	CHILD	MEAT ING	1.76E-01	2.34E+00	3.71E-01	3.71E-01	4.69E-01
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.80E+01	CHILD	TOTALS	1.29E+02	2.31E+02	8.53E+02	2.16E+01	2.40E+01
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BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
3.09E+01	TEENAGE	INHAL.	6.22E+01	2.07E+02	4.35E+02	1.23E+00	1.44E+00
1.71E+01	TEENAGE	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
4.51E-02	TEENAGE	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
0.00E+00	TEENAGE	VEG. ING	2.07E+00	2.68E+01	2.40E+00	2.40E+00	6.09E+00



POWERTECH (USA) INC.

0.00E+00	TEENAGE	MEAT ING	2.85E-01	3.79E+00	6.01E-01	6.01E-01	7.61E-01
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0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4.80E+01	TEENAGE	TOTALS	8.17E+01	2.55E+02	4.55E+02	2.14E+01	2.54E+01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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3.09E+01	ADULT	INHAL.	5.32E+01	2.01E+02	3.62E+02	1.04E+00	1.15E+00
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1.71E+01	ADULT	GROUND	1.71E+01	1.71E+01	1.71E+01	1.71E+01	1.71E+01
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4.51E-02	ADULT	CLOUD	4.51E-02	4.51E-02	4.51E-02	4.51E-02	4.51E-02
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0.00E+00	ADULT	VEG. ING	2.85E+00	3.70E+01	3.32E+00	3.32E+00	8.42E+00
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0.00E+00	ADULT	MEAT ING	4.98E-01	6.63E+00	1.05E+00	1.05E+00	1.33E+00
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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4.80E+01	ADULT	TOTALS	7.37E+01	2.62E+02	3.83E+02	2.25E+01	2.80E+01
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 201
08/21/08

DURATION IN YRS IS...100.0

NUMBER 32 NAME=SF ESE X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	INFANT	INHAL.	3.72E+01	3.79E+01	2.91E+02	1.04E+00	1.15E+00
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2.67E-01	INFANT	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
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7.39E-07	INFANT	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
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0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.67E-01	INFANT	TOTALS	3.74E+01	3.81E+01	2.91E+02	1.31E+00	1.42E+00
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POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	CHILD	INHAL.	1.81E+01	3.27E+01	1.40E+02	4.35E-01	4.41E-01
2.67E-01	CHILD	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
7.39E-07	CHILD	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07

0.00E+00	CHILD	VEG. ING	2.12E-01	2.75E+00	2.48E-01	2.48E-01	6.24E-01
0.00E+00	CHILD	MEAT ING	2.94E-02	3.92E-01	6.21E-02	6.21E-02	7.86E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.67E-01	CHILD	TOTALS	1.86E+01	3.61E+01	1.40E+02	1.01E+00	1.41E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

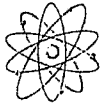
0.00E+00	TEENAGE	INHAL.	1.01E+01	3.47E+01	7.29E+01	2.06E-01	2.42E-01
2.67E-01	TEENAGE	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
7.39E-07	TEENAGE	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
0.00E+00	TEENAGE	VEG. ING	3.46E-01	4.50E+00	4.02E-01	4.02E-01	1.02E+00
0.00E+00	TEENAGE	MEAT ING	4.78E-02	6.36E-01	1.01E-01	1.01E-01	1.28E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.67E-01	TEENAGE	TOTALS	1.08E+01	4.01E+01	7.37E+01	9.76E-01	1.66E+00

	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	ADULT	INHAL.	8.61E+00	3.37E+01	6.07E+01	1.73E-01	1.92E-01
2.67E-01	ADULT	GROUND	2.67E-01	2.67E-01	2.67E-01	2.67E-01	2.67E-01
7.39E-07	ADULT	CLOUD	7.39E-07	7.39E-07	7.39E-07	7.39E-07	7.39E-07
0.00E+00	ADULT	VEG. ING	4.78E-01	6.20E+00	5.56E-01	5.56E-01	1.41E+00
0.00E+00	ADULT	MEAT ING	8.35E-02	1.11E+00	1.76E-01	1.76E-01	2.23E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.67E-01	ADULT	TOTALS	9.44E+00	4.13E+01	6.17E+01	1.17E+00	2.09E+00



POWERTECH (USA) Inc.

METSET:

DATA: DB.MIL
TIME STEP NUMBER 2,

08/21/08

DURATION IN YRS IS...100.0

NUMBER 32 NAME=SF ESE

X= -2.8KM, Y= 2.6KM, Z= 0.0M, DIST= 3.8KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

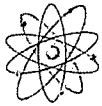
	INFANT	INHAL.	4.02E+01	3.79E+01	2.91E+02	1.08E+00	1.16E+00
5.03E+01	INFANT	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
2.87E+00	INFANT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
1.21E-01	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	INFANT	TOTALS	4.32E+01	4.09E+01	2.94E+02	4.07E+00	4.16E+00
5.32E+01							
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

	CHILD	INHAL.	2.12E+01	3.27E+01	1.40E+02	4.53E-01	4.48E-01
5.03E+01	CHILD	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
2.87E+00	CHILD	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
1.21E-01	CHILD	VEG. ING	2.12E-01	2.75E+00	2.51E-01	2.51E-01	6.25E-01
0.00E+00	CHILD	MEAT ING	2.95E-02	3.93E-01	6.24E-02	6.24E-02	7.89E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00							

	CHILD	TOTALS	2.44E+01	3.89E+01	1.43E+02	3.76E+00	4.14E+00
5.32E+01							
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

	TEENAGE	INHAL.	1.31E+01	3.48E+01	7.29E+01	2.13E-01	2.45E-01
5.03E+01	TEENAGE	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
2.87E+00	TEENAGE	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
1.21E-01	TEENAGE	VEG. ING	3.47E-01	4.51E+00	4.06E-01	4.06E-01	1.02E+00
0.00E+00							



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	MEAT ING	4.80E-02	6.38E-01	1.01E-01	1.01E-01	1.28E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.32E+01	TEENAGE	TOTALS	1.65E+01	4.29E+01	7.64E+01	3.71E+00	4.39E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

5.03E+01	ADULT	INHAL.	1.16E+01	3.37E+01	6.07E+01	1.79E-01	1.95E-01
2.87E+00	ADULT	GROUND	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00
1.21E-01	ADULT	CLOUD	1.21E-01	1.21E-01	1.21E-01	1.21E-01	1.21E-01
0.00E+00	ADULT	VEG. ING	4.79E-01	6.21E+00	5.61E-01	5.61E-01	1.41E+00

0.00E+00	ADULT	MEAT ING	8.38E-02	1.11E+00	1.77E-01	1.77E-01	2.24E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.32E+01	ADULT	TOTALS	1.52E+01	4.40E+01	6.44E+01	3.91E+00	4.82E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 203
08/21/08
DURATION IN YRS IS...100.0

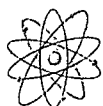
NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	3.06E+01	3.11E+01	2.40E+02	8.55E-01	9.46E-01
2.20E-01	INFANT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.09E-07	INFANT	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
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

2.20E-01	INFANT	TOTALS	3.09E+01	3.14E+01	2.40E+02	1.07E+00	1.17E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY



POWERTECH (USA) Inc.

0.00E+00	CHILD	INHAL.	1.50E+01	2.69E+01	1.15E+02	3.58E-01	3.63E-01
2.20E-01	CHILD	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.09E-07	CHILD	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
0.00E+00	CHILD	VEG. ING	1.74E-01	2.26E+00	2.04E-01	2.04E-01	5.14E-01
0.00E+00	CHILD	MEAT ING	2.42E-02	3.22E-01	5.10E-02	5.10E-02	6.47E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.20E-01	CHILD	TOTALS	1.54E+01	2.97E+01	1.16E+02	8.33E-01	1.16E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	8.34E+00	2.86E+01	6.01E+01	1.69E-01	1.99E-01
2.20E-01	TEENAGE	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.09E-07	TEENAGE	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
0.00E+00	TEENAGE	VEG. ING	2.85E-01	3.70E+00	3.31E-01	3.31E-01	8.42E-01
0.00E+00	TEENAGE	MEAT ING	3.93E-02	5.23E-01	8.28E-02	8.28E-02	1.05E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.20E-01	TEENAGE	TOTALS	8.89E+00	3.30E+01	6.07E+01	8.03E-01	1.37E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

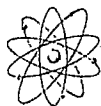
0.00E+00	ADULT	INHAL.	7.10E+00	2.77E+01	5.00E+01	1.42E-01	1.58E-01
2.20E-01	ADULT	GROUND	2.20E-01	2.20E-01	2.20E-01	2.20E-01	2.20E-01
6.09E-07	ADULT	CLOUD	6.09E-07	6.09E-07	6.09E-07	6.09E-07	6.09E-07
0.00E+00	ADULT	VEG. ING	3.93E-01	5.10E+00	4.57E-01	4.57E-01	1.16E+00
0.00E+00	ADULT	MEAT ING	6.87E-02	9.14E-01	1.45E-01	1.45E-01	1.83E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.20E-01	ADULT	TOTALS	7.78E+00	3.39E+01	5.08E+01	9.64E-01	1.72E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 204
08/21/08
DURATION IN YRS IS...100.0



POWERTECH (USA) Inc.

NUMBER 33 NAME=Daniels Ranch

X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.75E+01	INFANT	INHAL.	3.23E+01	3.12E+01	2.40E+02	9.24E-01	9.73E-01
2.36E+00	INFANT	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
7.61E-02	INFANT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
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

2.99E+01	INFANT	TOTALS	3.47E+01	3.36E+01	2.43E+02	3.36E+00	3.41E+00

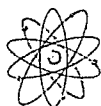
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.75E+01	CHILD	INHAL.	1.66E+01	2.69E+01	1.15E+02	3.89E-01	3.76E-01
2.36E+00	CHILD	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
7.61E-02	CHILD	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
0.00E+00	CHILD	VEG. ING	1.75E-01	2.27E+00	2.08E-01	2.08E-01	5.17E-01
0.00E+00	CHILD	MEAT ING	2.44E-02	3.24E-01	5.17E-02	5.17E-02	6.52E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.99E+01	CHILD	TOTALS	1.92E+01	3.19E+01	1.18E+02	3.08E+00	3.39E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.75E+01	TEENAGE	INHAL.	1.00E+01	2.86E+01	6.01E+01	1.82E-01	2.05E-01
2.36E+00	TEENAGE	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
7.61E-02	TEENAGE	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
0.00E+00	TEENAGE	VEG. ING	2.87E-01	3.72E+00	3.37E-01	3.37E-01	8.47E-01
0.00E+00	TEENAGE	MEAT ING	3.96E-02	5.26E-01	8.38E-02	8.38E-02	1.06E-01



POWERTECH (USA) INC.

0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.99E+01	TEENAGE	TOTALS	1.28E+01	3.53E+01	6.30E+01	3.04E+00	3.59E+00
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.75E+01	ADULT	INHAL.	8.75E+00	2.77E+01	5.00E+01	1.53E-01	1.63E-01
2.36E+00	ADULT	GROUND	2.36E+00	2.36E+00	2.36E+00	2.36E+00	2.36E+00
7.61E-02	ADULT	CLOUD	7.61E-02	7.61E-02	7.61E-02	7.61E-02	7.61E-02
0.00E+00	ADULT	VEG. ING	3.96E-01	5.13E+00	4.65E-01	4.65E-01	1.17E+00
0.00E+00	ADULT	MEAT ING	6.92E-02	9.20E-01	1.47E-01	1.47E-01	1.85E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.99E+01	ADULT	TOTALS	1.16E+01	3.62E+01	5.31E+01	3.20E+00	3.95E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 205
08/21/08

DURATION IN YRS IS...100.0

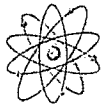
NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	INFANT	INHAL.	3.47E+01	3.53E+01	2.71E+02	9.68E-01	1.07E+00
2.49E-01	INFANT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
6.89E-07	INFANT	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
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

2.49E-01	INFANT	TOTALS	3.49E+01	3.55E+01	2.72E+02	1.22E+00	1.32E+00
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							



POWERTECH (USA) Inc.

0.00E+00	CHILD	INHAL.	1.69E+01	3.05E+01	1.30E+02	4.05E-01	4.11E-01
2.49E-01	CHILD	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
6.89E-07	CHILD	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
0.00E+00	CHILD	VEG. ING	1.97E-01	2.56E+00	2.31E-01	2.31E-01	5.81E-01
0.00E+00	CHILD	MEAT ING	2.74E-02	3.65E-01	5.78E-02	5.78E-02	7.32E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.49E-01	CHILD	TOTALS	1.74E+01	3.36E+01	1.31E+02	9.43E-01	1.31E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	9.44E+00	3.23E+01	6.79E+01	1.91E-01	2.25E-01
2.49E-01	TEENAGE	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
6.89E-07	TEENAGE	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
0.00E+00	TEENAGE	VEG. ING	3.23E-01	4.19E+00	3.75E-01	3.75E-01	9.52E-01
0.00E+00	TEENAGE	MEAT ING	4.45E-02	5.92E-01	9.38E-02	9.38E-02	1.19E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.49E-01	TEENAGE	TOTALS	1.01E+01	3.74E+01	6.87E+01	9.09E-01	1.54E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	8.03E+00	3.14E+01	5.65E+01	1.61E-01	1.79E-01
2.49E-01	ADULT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
6.89E-07	ADULT	CLOUD	6.89E-07	6.89E-07	6.89E-07	6.89E-07	6.89E-07
0.00E+00	ADULT	VEG. ING	4.45E-01	5.77E+00	5.18E-01	5.18E-01	1.32E+00
0.00E+00	ADULT	MEAT ING	7.78E-02	1.03E+00	1.64E-01	1.64E-01	2.08E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.49E-01	ADULT	TOTALS	8.80E+00	3.84E+01	5.75E+01	1.09E+00	1.95E+00



POWERTECH (USA) Inc.

METSET:

DATA: DB.MIL
TIME STEP NUMBER 2,

08/21/08

DURATION IN YRS IS...100.0

NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, 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.							
3.17E+01	INFANT	INHAL.	3.66E+01	3.53E+01	2.71E+02	1.04E+00	1.10E+00
2.67E+00	INFANT	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
1.47E-01	INFANT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
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

3.45E+01	INFANT	TOTALS	3.94E+01	3.81E+01	2.74E+02	3.86E+00	3.92E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
3.17E+01	CHILD	INHAL.	1.88E+01	3.05E+01	1.30E+02	4.38E-01	4.24E-01
2.67E+00	CHILD	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
1.47E-01	CHILD	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
0.00E+00	CHILD	VEG. ING	1.98E-01	2.57E+00	2.35E-01	2.35E-01	5.84E-01
0.00E+00	CHILD	MEAT ING	2.76E-02	3.67E-01	5.84E-02	5.84E-02	7.37E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.45E+01	CHILD	TOTALS	2.19E+01	3.62E+01	1.33E+02	3.55E+00	3.90E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
3.17E+01	TEENAGE	INHAL.	1.13E+01	3.24E+01	6.79E+01	2.05E-01	2.32E-01
2.67E+00	TEENAGE	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
1.47E-01	TEENAGE	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	VEG. ING	3.24E-01	4.21E+00	3.81E-01	3.81E-01	9.57E-01
0.00E+00	TEENAGE	MEAT ING	4.48E-02	5.96E-01	9.49E-02	9.49E-02	1.20E-01
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.45E+01	TEENAGE	TOTALS	1.45E+01	4.00E+01	7.12E+01	3.50E+00	4.13E+00
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	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

3.17E+01	ADULT	INHAL.	9.93E+00	3.14E+01	5.65E+01	1.72E-01	1.84E-01
2.67E+00	ADULT	GROUND	2.67E+00	2.67E+00	2.67E+00	2.67E+00	2.67E+00
1.47E-01	ADULT	CLOUD	1.47E-01	1.47E-01	1.47E-01	1.47E-01	1.47E-01
0.00E+00	ADULT	VEG. ING	4.47E-01	5.80E+00	5.26E-01	5.26E-01	1.32E+00
0.00E+00	ADULT	MEAT ING	7.83E-02	1.04E+00	1.66E-01	1.66E-01	2.09E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

3.45E+01	ADULT	TOTALS	1.33E+01	4.10E+01	6.00E+01	3.68E+00	4.53E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 207
08/21/08

DURATION IN YRS IS...100.0

NUMBER 35 NAME=BC Ranch X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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BRONCHI

0.00E+00	INFANT	INHAL.	2.40E+01	2.44E+01	1.88E+02	6.71E-01	7.41E-01
1.72E-01	INFANT	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
4.76E-07	INFANT	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
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

1.72E-01	INFANT	TOTALS	2.41E+01	2.46E+01	1.88E+02	8.42E-01	9.13E-01
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POWERTECH (USA) INC.

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	CHILD	INHAL.	1.17E+01	2.11E+01	9.02E+01	2.81E-01	2.84E-01
1.72E-01	CHILD	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
4.76E-07	CHILD	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
0.00E+00	CHILD	VEG. ING	1.36E-01	1.77E+00	1.60E-01	1.60E-01	4.02E-01
0.00E+00	CHILD	MEAT ING	1.90E-02	2.53E-01	4.00E-02	4.00E-02	5.07E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

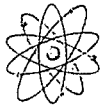
1.72E-01	CHILD	TOTALS	1.20E+01	2.33E+01	9.05E+01	6.53E-01	9.09E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	6.53E+00	2.24E+01	4.70E+01	1.33E-01	1.56E-01
1.72E-01	TEENAGE	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
4.76E-07	TEENAGE	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
0.00E+00	TEENAGE	VEG. ING	2.23E-01	2.90E+00	2.60E-01	2.60E-01	6.59E-01
0.00E+00	TEENAGE	MEAT ING	3.08E-02	4.10E-01	6.50E-02	6.50E-02	8.22E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.72E-01	TEENAGE	TOTALS	6.95E+00	2.59E+01	4.75E+01	6.29E-01	1.07E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	5.55E+00	2.17E+01	3.91E+01	1.11E-01	1.24E-01
1.72E-01	ADULT	GROUND	1.72E-01	1.72E-01	1.72E-01	1.72E-01	1.72E-01
4.76E-07	ADULT	CLOUD	4.76E-07	4.76E-07	4.76E-07	4.76E-07	4.76E-07
0.00E+00	ADULT	VEG. ING	3.08E-01	4.00E+00	3.59E-01	3.59E-01	9.10E-01
0.00E+00	ADULT	MEAT ING	5.39E-02	7.16E-01	1.14E-01	1.14E-01	1.44E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.72E-01	ADULT	TOTALS	6.09E+00	2.66E+01	3.97E+01	7.56E-01	1.35E+00



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 208
08/21/08

DURATION IN YRS IS...100.0

NUMBER 35 NAME=BC Ranch

X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.28E+01	INFANT	INHAL.	2.47E+01	2.44E+01	1.88E+02	7.08E-01	7.56E-01
1.85E+00	INFANT	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
4.80E-02	INFANT	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
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

1.47E+01	INFANT	TOTALS	2.66E+01	2.63E+01	1.90E+02	2.61E+00	2.65E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.28E+01	CHILD	INHAL.	1.25E+01	2.11E+01	9.02E+01	2.98E-01	2.91E-01
1.85E+00	CHILD	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
4.80E-02	CHILD	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
0.00E+00	CHILD	VEG. ING	1.37E-01	1.78E+00	1.62E-01	1.62E-01	4.04E-01
0.00E+00	CHILD	MEAT ING	1.91E-02	2.54E-01	4.04E-02	4.04E-02	5.09E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.47E+01	CHILD	TOTALS	1.45E+01	2.50E+01	9.23E+01	2.40E+00	2.64E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

1.28E+01	TEENAGE	INHAL.	7.30E+00	2.24E+01	4.70E+01	1.40E-01	1.59E-01
1.85E+00	TEENAGE	GROUND	1.85E+00	1.85E+00	1.85E+00	1.85E+00	1.85E+00
4.80E-02	TEENAGE	CLOUD	4.80E-02	4.80E-02	4.80E-02	4.80E-02	4.80E-02
0.00E+00	TEENAGE	VEG. ING	2.24E-01	2.91E+00	2.63E-01	2.63E-01	6.61E-01
0.00E+00	TEENAGE	MEAT ING	3.10E-02	4.12E-01	6.55E-02	6.55E-02	8.27E-02



POWERTECH (USA) INC.

0.00E+00 TEENAGE MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.47E+01 TEENAGE TOTALS 9.45E+00 2.76E+01 4.92E+01 2.37E+00 2.80E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

1.28E+01 ADULT INHAL. 6.32E+00 2.17E+01 3.91E+01 1.17E-01 1.26E-01

1.85E+00 ADULT GROUND 1.85E+00 1.85E+00 1.85E+00 1.85E+00 1.85E+00

4.80E-02 ADULT CLOUD 4.80E-02 4.80E-02 4.80E-02 4.80E-02 4.80E-02

0.00E+00 ADULT VEG. ING 3.09E-01 4.01E+00 3.63E-01 3.63E-01 9.13E-01

0.00E+00 ADULT MEAT ING 5.41E-02 7.20E-01 1.15E-01 1.15E-01 1.45E-01

0.00E+00 ADULT MILK ING 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.47E+01 ADULT TOTALS 8.58E+00 2.84E+01 4.15E+01 2.49E+00 3.08E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 209
08/21/08
DURATION IN YRS IS...100.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 INFANT INHAL. 9.48E+00 9.66E+00 7.42E+01 2.65E-01 2.93E-01

6.80E-02 INFANT GROUND 6.80E-02 6.80E-02 6.80E-02 6.80E-02 6.80E-02

1.88E-07 INFANT CLOUD 1.88E-07 1.88E-07 1.88E-07 1.88E-07 1.88E-07

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

6.80E-02 INFANT TOTALS 9.55E+00 9.73E+00 7.43E+01 3.33E-01 3.61E-01

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY



POWERTECH (USA) INC.

0.00E+00	CHILD	INHAL.	4.62E+00	8.34E+00	3.57E+01	1.11E-01	1.12E-01
6.80E-02	CHILD	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
1.88E-07	CHILD	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
0.00E+00	CHILD	VEG. ING	5.39E-02	7.00E-01	6.33E-02	6.33E-02	1.59E-01

0.00E+00	CHILD	MEAT ING	7.51E-03	9.98E-02	1.58E-02	1.58E-02	2.00E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6.80E-02	CHILD	TOTALS	4.75E+00	9.21E+00	3.58E+01	2.58E-01	3.59E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	2.58E+00	8.86E+00	1.86E+01	5.24E-02	6.16E-02
6.80E-02	TEENAGE	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
1.88E-07	TEENAGE	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
0.00E+00	TEENAGE	VEG. ING	8.83E-02	1.15E+00	1.03E-01	1.03E-01	2.60E-01
0.00E+00	TEENAGE	MEAT ING	1.22E-02	1.62E-01	2.57E-02	2.57E-02	3.25E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6.80E-02	TEENAGE	TOTALS	2.75E+00	1.02E+01	1.88E+01	2.49E-01	4.22E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	2.20E+00	8.59E+00	1.55E+01	4.40E-02	4.88E-02
6.80E-02	ADULT	GROUND	6.80E-02	6.80E-02	6.80E-02	6.80E-02	6.80E-02
1.88E-07	ADULT	CLOUD	1.88E-07	1.88E-07	1.88E-07	1.88E-07	1.88E-07
0.00E+00	ADULT	VEG. ING	1.22E-01	1.58E+00	1.42E-01	1.42E-01	3.60E-01
0.00E+00	ADULT	MEAT ING	2.13E-02	2.83E-01	4.49E-02	4.49E-02	5.68E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

6.80E-02	ADULT	TOTALS	2.41E+00	1.05E+01	1.57E+01	2.99E-01	5.33E-01
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 210
08/21/08
DURATION IN YRS IS...100.0

NUMBER 36 NAME=Puttman Ranch X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=10



POWERTECH (USA) Inc.

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

9.47E+00	INFANT	INHAL.	1.00E+01	9.67E+00	7.42E+01	3.30E-01	3.18E-01

7.32E-01	INFANT	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
6.20E-02	INFANT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
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

1.03E+01	INFANT	TOTALS	1.08E+01	1.05E+01	7.50E+01	1.12E+00	1.11E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

9.47E+00	CHILD	INHAL.	5.19E+00	8.35E+00	3.57E+01	1.40E-01	1.24E-01
7.32E-01	CHILD	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
6.20E-02	CHILD	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
0.00E+00	CHILD	VEG. ING	5.49E-02	7.11E-01	6.66E-02	6.66E-02	1.62E-01
0.00E+00	CHILD	MEAT ING	7.68E-03	1.02E-01	1.64E-02	1.64E-02	2.05E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.03E+01	CHILD	TOTALS	6.05E+00	9.95E+00	3.65E+01	1.02E+00	1.10E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

9.47E+00	TEENAGE	INHAL.	3.15E+00	8.88E+00	1.86E+01	6.48E-02	6.75E-02
7.32E-01	TEENAGE	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
6.20E-02	TEENAGE	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
0.00E+00	TEENAGE	VEG. ING	8.99E-02	1.16E+00	1.08E-01	1.08E-01	2.65E-01
0.00E+00	TEENAGE	MEAT ING	1.25E-02	1.65E-01	2.66E-02	2.66E-02	3.33E-02



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.03E+01	TEENAGE	TOTALS	4.05E+00	1.10E+01	1.95E+01	9.93E-01	1.16E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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9.47E+00	ADULT	INHAL.	2.77E+00	8.60E+00	1.55E+01	5.43E-02	5.38E-02
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7.32E-01	ADULT	GROUND	7.32E-01	7.32E-01	7.32E-01	7.32E-01	7.32E-01
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6.20E-02	ADULT	CLOUD	6.20E-02	6.20E-02	6.20E-02	6.20E-02	6.20E-02
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0.00E+00	ADULT	VEG. ING	1.24E-01	1.60E+00	1.49E-01	1.49E-01	3.66E-01
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0.00E+00	ADULT	MEAT ING	2.18E-02	2.89E-01	4.65E-02	4.65E-02	5.82E-02
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.03E+01	ADULT	TOTALS	3.70E+00	1.13E+01	1.65E+01	1.04E+00	1.27E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE 211
08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	INFANT	INHAL.	2.08E+01	2.11E+01	1.63E+02	5.80E-01	6.41E-01
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1.49E-01	INFANT	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
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4.13E-07	INFANT	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
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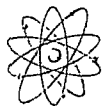
0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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1.49E-01	INFANT	TOTALS	2.09E+01	2.13E+01	1.63E+02	7.29E-01	7.90E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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POWERTECH (USA) Inc.

0.00E+00	CHILD	INHAL.	1.01E+01	1.82E+01	7.81E+01	2.43E-01	2.46E-01
1.49E-01	CHILD	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
4.13E-07	CHILD	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
0.00E+00	CHILD	VEG. ING	1.18E-01	1.53E+00	1.39E-01	1.39E-01	3.48E-01
0.00E+00	CHILD	MEAT ING	1.64E-02	2.19E-01	3.46E-02	3.46E-02	4.39E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.49E-01	CHILD	TOTALS	1.04E+01	2.01E+01	7.85E+01	5.65E-01	7.87E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	5.65E+00	1.94E+01	4.07E+01	1.15E-01	1.35E-01
1.49E-01	TEENAGE	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
4.13E-07	TEENAGE	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07

0.00E+00	TEENAGE	VEG. ING	1.93E-01	2.51E+00	2.24E-01	2.24E-01	5.71E-01
0.00E+00	TEENAGE	MEAT ING	2.67E-02	3.55E-01	5.62E-02	5.62E-02	7.12E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.49E-01	TEENAGE	TOTALS	6.02E+00	2.24E+01	4.11E+01	5.44E-01	9.26E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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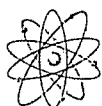
0.00E+00	ADULT	INHAL.	4.81E+00	1.88E+01	3.39E+01	9.63E-02	1.07E-01
1.49E-01	ADULT	GROUND	1.49E-01	1.49E-01	1.49E-01	1.49E-01	1.49E-01
4.13E-07	ADULT	CLOUD	4.13E-07	4.13E-07	4.13E-07	4.13E-07	4.13E-07
0.00E+00	ADULT	VEG. ING	2.67E-01	3.46E+00	3.10E-01	3.10E-01	7.88E-01
0.00E+00	ADULT	MEAT ING	4.66E-02	6.20E-01	9.82E-02	9.82E-02	1.24E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.49E-01	ADULT	TOTALS	5.27E+00	2.30E+01	3.44E+01	6.54E-01	1.17E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 212
08/21/08
DURATION IN YRS IS...100.0



POWERTECH (USA) INC.

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

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

BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
2.53E+01	INFANT	INHAL.	2.23E+01	2.12E+01	1.63E+02	8.28E-01	7.38E-01
1.60E+00	INFANT	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
1.85E-01	INFANT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
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

2.71E+01	INFANT	TOTALS	2.41E+01	2.30E+01	1.64E+02	2.62E+00	2.53E+00
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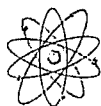
BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
2.53E+01	CHILD	INHAL.	1.17E+01	1.83E+01	7.81E+01	3.53E-01	2.92E-01
1.60E+00	CHILD	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
1.85E-01	CHILD	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
0.00E+00	CHILD	VEG. ING	1.22E-01	1.57E+00	1.51E-01	1.51E-01	3.58E-01
0.00E+00	CHILD	MEAT ING	1.71E-02	2.26E-01	3.69E-02	3.69E-02	4.57E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.71E+01	CHILD	TOTALS	1.36E+01	2.19E+01	8.01E+01	2.33E+00	2.48E+00
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BRONCHI

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
2.53E+01	TEENAGE	INHAL.	7.18E+00	1.95E+01	4.07E+01	1.62E-01	1.58E-01
1.60E+00	TEENAGE	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
1.85E-01	TEENAGE	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
0.00E+00	TEENAGE	VEG. ING	1.99E-01	2.58E+00	2.45E-01	2.45E-01	5.87E-01
0.00E+00	TEENAGE	MEAT ING	2.77E-02	3.67E-01	5.98E-02	5.98E-02	7.42E-02



POWERTECH (USA) INC.

0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.71E+01	TEENAGE	TOTALS	9.19E+00	2.42E+01	4.28E+01	2.25E+00	2.61E+00
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

2.53E+01	ADULT	INHAL.	6.33E+00	1.88E+01	3.39E+01	1.36E-01	1.26E-01
1.60E+00	ADULT	GROUND	1.60E+00	1.60E+00	1.60E+00	1.60E+00	1.60E+00
1.85E-01	ADULT	CLOUD	1.85E-01	1.85E-01	1.85E-01	1.85E-01	1.85E-01
0.00E+00	ADULT	VEG. ING	2.75E-01	3.56E+00	3.39E-01	3.39E-01	8.11E-01
0.00E+00	ADULT	MEAT ING	4.85E-02	6.41E-01	1.05E-01	1.05E-01	1.30E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.71E+01	ADULT	TOTALS	8.44E+00	2.48E+01	3.61E+01	2.37E+00	2.85E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 213
08/21/08
DURATION IN YRS IS...100.0

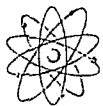
NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

0.00E+00	INFANT	INHAL.	1.90E+01	1.93E+01	1.49E+02	5.31E-01	5.87E-01
1.36E-01	INFANT	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
3.78E-07	INFANT	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
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

1.36E-01	INFANT	TOTALS	1.91E+01	1.95E+01	1.49E+02	6.67E-01	7.24E-01
	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							



POWERTECH (USA) Inc.

0.00E+00	CHILD	INHAL.	9.27E+00	1.67E+01	7.15E+01	2.22E-01	2.25E-01
1.36E-01	CHILD	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
3.78E-07	CHILD	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
0.00E+00	CHILD	VEG. ING	1.08E-01	1.40E+00	1.27E-01	1.27E-01	3.19E-01
0.00E+00	CHILD	MEAT ING	1.50E-02	2.00E-01	3.17E-02	3.17E-02	4.01E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.36E-01	CHILD	TOTALS	9.53E+00	1.84E+01	7.18E+01	5.17E-01	7.20E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	TEENAGE	INHAL.	5.17E+00	1.77E+01	3.73E+01	1.05E-01	1.23E-01
1.36E-01	TEENAGE	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01
3.78E-07	TEENAGE	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
0.00E+00	TEENAGE	VEG. ING	1.77E-01	2.30E+00	2.06E-01	2.06E-01	5.22E-01
0.00E+00	TEENAGE	MEAT ING	2.44E-02	3.25E-01	5.14E-02	5.14E-02	6.52E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.36E-01	TEENAGE	TOTALS	5.51E+00	2.05E+01	3.76E+01	4.98E-01	8.47E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
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0.00E+00	ADULT	INHAL.	4.40E+00	1.72E+01	3.10E+01	8.82E-02	9.79E-02
1.36E-01	ADULT	GROUND	1.36E-01	1.36E-01	1.36E-01	1.36E-01	1.36E-01

3.78E-07	ADULT	CLOUD	3.78E-07	3.78E-07	3.78E-07	3.78E-07	3.78E-07
0.00E+00	ADULT	VEG. ING	2.44E-01	3.17E+00	2.84E-01	2.84E-01	7.21E-01
0.00E+00	ADULT	MEAT ING	4.27E-02	5.68E-01	8.99E-02	8.99E-02	1.14E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.36E-01	ADULT	TOTALS	4.82E+00	2.11E+01	3.15E+01	5.98E-01	1.07E+00
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POWERTECH (USA) Inc.

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

	INFANT	INHAL.	2.04E+01	1.94E+01	1.49E+02	6.96E-01	6.51E-01
	2.36E+01	INFANT	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00
	1.47E+00	INFANT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01
	1.62E-01	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	INFANT	MEAT ING	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

BRONCHI	INFANT	TOTALS	2.21E+01	2.10E+01	1.50E+02	2.32E+00	2.28E+00
	2.53E+01	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER

	CHILD	INHAL.	1.07E+01	1.67E+01	7.15E+01	2.96E-01	2.55E-01
	2.36E+01	CHILD	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00
	1.47E+00	CHILD	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01
	1.62E-01	CHILD	VEG. ING	1.11E-01	1.43E+00	1.35E-01	3.25E-01
	0.00E+00	CHILD	MEAT ING	1.55E-02	2.05E-01	3.32E-02	4.14E-02
BRONCHI	0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00
	0.00E+00	-----					
	2.53E+01	CHILD	TOTALS	1.24E+01	2.00E+01	7.33E+01	2.09E+00
	2.25E+00	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER

	TEENAGE	INHAL.	6.60E+00	1.78E+01	3.73E+01	1.36E-01	1.38E-01
	2.36E+01	TEENAGE	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00
	1.47E+00	TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01
BRONCHI	1.62E-01	TEENAGE	VEG. ING	1.81E-01	2.34E+00	2.19E-01	5.33E-01
	0.00E+00	-----					
	2.36E+01	TEENAGE	INHAL.	6.60E+00	1.78E+01	3.73E+01	1.36E-01
	1.47E+00	TEENAGE	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00
	1.62E-01	TEENAGE	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01
	0.00E+00	TEENAGE	VEG. ING	1.81E-01	2.34E+00	2.19E-01	5.33E-01
	2.36E+01	TEENAGE	INHAL.	6.60E+00	1.78E+01	3.73E+01	1.36E-01
	1.47E+00	TEENAGE	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00



POWERTECH (USA) Inc.

0.00E+00	TEENAGE	MEAT ING	2.51E-02	3.33E-01	5.39E-02	5.39E-02	6.71E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.53E+01	TEENAGE	TOTALS	8.43E+00	2.21E+01	3.92E+01	2.04E+00	2.37E+00
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.36E+01	ADULT	INHAL.	5.82E+00	1.72E+01	3.10E+01	1.14E-01	1.10E-01
1.47E+00	ADULT	GROUND	1.47E+00	1.47E+00	1.47E+00	1.47E+00	1.47E+00
1.62E-01	ADULT	CLOUD	1.62E-01	1.62E-01	1.62E-01	1.62E-01	1.62E-01
0.00E+00	ADULT	VEG. ING	2.50E-01	3.23E+00	3.03E-01	3.03E-01	7.37E-01
0.00E+00	ADULT	MEAT ING	4.39E-02	5.82E-01	9.41E-02	9.41E-02	1.17E-01
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.53E+01	ADULT	TOTALS	7.75E+00	2.27E+01	3.30E+01	2.14E+00	2.59E+00

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 215
08/21/08

DURATION IN YRS IS...100.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	1.30E+01	1.32E+01	1.02E+02	3.62E-01	4.00E-01
9.30E-02	INFANT	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
2.58E-07	INFANT	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
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

9.30E-02	INFANT	TOTALS	1.31E+01	1.33E+01	1.02E+02	4.55E-01	4.93E-01
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POWERTECH (USA) Inc.

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	CHILD	INHAL.	6.32E+00	1.14E+01	4.88E+01	1.52E-01	1.54E-01
9.30E-02	CHILD	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
2.58E-07	CHILD	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
0.00E+00	CHILD	VEG. ING	7.37E-02	9.56E-01	8.65E-02	8.65E-02	2.17E-01
0.00E+00	CHILD	MEAT ING	1.03E-02	1.36E-01	2.16E-02	2.16E-02	2.74E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

9.30E-02	CHILD	TOTALS	6.50E+00	1.26E+01	4.90E+01	3.53E-01	4.91E-01

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

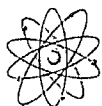
0.00E+00	TEENAGE	INHAL.	3.53E+00	1.21E+01	2.54E+01	7.16E-02	8.41E-02
9.30E-02	TEENAGE	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
2.58E-07	TEENAGE	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
0.00E+00	TEENAGE	VEG. ING	1.21E-01	1.57E+00	1.40E-01	1.40E-01	3.56E-01
0.00E+00	TEENAGE	MEAT ING	1.66E-02	2.21E-01	3.51E-02	3.51E-02	4.44E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

9.30E-02	TEENAGE	TOTALS	3.76E+00	1.40E+01	2.57E+01	3.40E-01	5.78E-01

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	ADULT	INHAL.	3.00E+00	1.17E+01	2.11E+01	6.01E-02	6.68E-02
9.30E-02	ADULT	GROUND	9.30E-02	9.30E-02	9.30E-02	9.30E-02	9.30E-02
2.58E-07	ADULT	CLOUD	2.58E-07	2.58E-07	2.58E-07	2.58E-07	2.58E-07
0.00E+00	ADULT	VEG. ING	1.66E-01	2.16E+00	1.94E-01	1.94E-01	4.92E-01
0.00E+00	ADULT	MEAT ING	2.91E-02	3.87E-01	6.13E-02	6.13E-02	7.77E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

9.30E-02	ADULT	TOTALS	3.29E+00	1.44E+01	2.15E+01	4.08E-01	7.29E-01



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 216
08/21/08

DURATION IN YRS IS...100.0

NUMBER 39 NAME=Heck Ranch

X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

BRONCHI							

2.13E+01	INFANT	INHAL.	1.43E+01	1.32E+01	1.02E+02	6.52E-01	5.13E-01
1.00E+00	INFANT	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
1.66E-01	INFANT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
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

2.25E+01	INFANT	TOTALS	1.54E+01	1.44E+01	1.03E+02	1.82E+00	1.68E+00

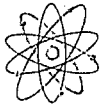
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.13E+01	CHILD	INHAL.	7.61E+00	1.14E+01	4.88E+01	2.80E-01	2.07E-01
1.00E+00	CHILD	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
1.66E-01	CHILD	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
0.00E+00	CHILD	VEG. ING	7.80E-02	1.01E+00	1.01E-01	1.01E-01	2.29E-01
0.00E+00	CHILD	MEAT ING	1.10E-02	1.45E-01	2.42E-02	2.42E-02	2.95E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.25E+01	CHILD	TOTALS	8.87E+00	1.37E+01	5.01E+01	1.57E+00	1.63E+00

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

2.13E+01	TEENAGE	INHAL.	4.82E+00	1.22E+01	2.54E+01	1.27E-01	1.11E-01
1.00E+00	TEENAGE	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
1.66E-01	TEENAGE	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
0.00E+00	TEENAGE	VEG. ING	1.28E-01	1.65E+00	1.64E-01	1.64E-01	3.76E-01
0.00E+00	TEENAGE	MEAT ING	1.79E-02	2.36E-01	3.93E-02	3.93E-02	4.79E-02



POWERTECH (USA) INC.

0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.25E+01	TEENAGE	TOTALS	6.13E+00	1.52E+01	2.68E+01	1.50E+00	1.70E+00
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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2.13E+01	ADULT	INHAL.	4.29E+00	1.18E+01	2.11E+01	1.06E-01	8.89E-02
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1.00E+00	ADULT	GROUND	1.00E+00	1.00E+00	1.00E+00	1.00E+00	1.00E+00
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1.66E-01	ADULT	CLOUD	1.66E-01	1.66E-01	1.66E-01	1.66E-01	1.66E-01
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0.00E+00	ADULT	VEG. ING	1.76E-01	2.27E+00	2.27E-01	2.27E-01	5.19E-01
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0.00E+00	ADULT	MEAT ING	3.13E-02	4.12E-01	6.87E-02	6.87E-02	8.37E-02
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.25E+01	ADULT	TOTALS	5.66E+00	1.56E+01	2.26E+01	1.57E+00	1.86E+00
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1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP, NUMBER 2,

PAGE 217
08/21/08
DURATION IN YRS IS...100.0

NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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0.00E+00	INFANT	INHAL.	3.22E+00	3.27E+00	2.52E+01	8.98E-02	9.94E-02
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2.31E-02	INFANT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
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6.40E-08	INFANT	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
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0.00E+00	INFANT	VEG. ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MEAT ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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0.00E+00	INFANT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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2.31E-02	INFANT	TOTALS	3.24E+00	3.30E+00	2.52E+01	1.13E-01	1.22E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
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POWERTECH (USA) INC.

0.00E+00	CHILD	INHAL.	1.57E+00	2.83E+00	1.21E+01	3.76E-02	3.81E-02
2.31E-02	CHILD	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02

6.40E-08	CHILD	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
0.00E+00	CHILD	VEG. ING	1.83E-02	2.37E-01	2.15E-02	2.15E-02	5.39E-02
0.00E+00	CHILD	MEAT ING	2.55E-03	3.39E-02	5.36E-03	5.36E-03	6.79E-03
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.31E-02	CHILD	TOTALS	1.61E+00	3.12E+00	1.22E+01	8.76E-02	1.22E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	8.76E-01	3.00E+00	6.31E+00	1.78E-02	2.09E-02
2.31E-02	TEENAGE	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
6.40E-08	TEENAGE	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
0.00E+00	TEENAGE	VEG. ING	2.99E-02	3.89E-01	3.48E-02	3.48E-02	8.84E-02
0.00E+00	TEENAGE	MEAT ING	4.13E-03	5.50E-02	8.71E-03	8.71E-03	1.10E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.31E-02	TEENAGE	TOTALS	9.33E-01	3.47E+00	6.37E+00	8.43E-02	1.43E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

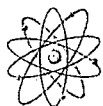
0.00E+00	ADULT	INHAL.	7.45E-01	2.91E+00	5.25E+00	1.49E-02	1.66E-02
2.31E-02	ADULT	GROUND	2.31E-02	2.31E-02	2.31E-02	2.31E-02	2.31E-02
6.40E-08	ADULT	CLOUD	6.40E-08	6.40E-08	6.40E-08	6.40E-08	6.40E-08
0.00E+00	ADULT	VEG. ING	4.13E-02	5.36E-01	4.81E-02	4.81E-02	1.22E-01
0.00E+00	ADULT	MEAT ING	7.22E-03	9.60E-02	1.52E-02	1.52E-02	1.93E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

2.31E-02	ADULT	TOTALS	8.17E-01	3.57E+00	5.34E+00	1.01E-01	1.81E-01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL

PAGE 218
08/21/08



POWERTECH (USA) INC.

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

NUMBER 40 NAME=Edgemont

X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							

5.04E+00	INFANT	INHAL.	3.54E+00	3.33E+00	2.52E+01	3.68E-01	2.07E-01
2.49E-01	INFANT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
4.25E-02	INFANT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
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

5.33E+00	INFANT	TOTALS	3.83E+00	3.62E+00	2.55E+01	6.59E-01	4.99E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

5.04E+00	CHILD	INHAL.	1.88E+00	2.87E+00	1.21E+01	1.61E-01	8.90E-02
2.49E-01	CHILD	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
4.25E-02	CHILD	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
0.00E+00	CHILD	VEG. ING	2.24E-02	2.85E-01	3.56E-02	3.56E-02	6.54E-02
0.00E+00	CHILD	MEAT ING	3.28E-03	4.23E-02	7.87E-03	7.87E-03	8.84E-03
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.33E+00	CHILD	TOTALS	2.20E+00	3.49E+00	1.24E+01	4.96E-01	4.54E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

5.04E+00	TEENAGE	INHAL.	1.19E+00	3.10E+00	6.31E+00	7.07E-02	4.63E-02
2.49E-01	TEENAGE	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
4.25E-02	TEENAGE	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02
0.00E+00	TEENAGE	VEG. ING	3.67E-02	4.67E-01	5.80E-02	5.80E-02	1.07E-01



POWERTECH (USA) INC.

0.00E+00	TEENAGE	MEAT ING	5.32E-03	6.87E-02	1.28E-02	1.28E-02	1.43E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.33E+00	TEENAGE	TOTALS	1.52E+00	3.93E+00	6.67E+00	4.33E-01	4.59E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

5.04E+00	ADULT	INHAL.	1.05E+00	2.97E+00	5.25E+00	5.90E-02	3.78E-02
2.49E-01	ADULT	GROUND	2.49E-01	2.49E-01	2.49E-01	2.49E-01	2.49E-01
4.25E-02	ADULT	CLOUD	4.25E-02	4.25E-02	4.25E-02	4.25E-02	4.25E-02

0.00E+00	ADULT	VEG. ING	5.06E-02	6.44E-01	8.01E-02	8.01E-02	1.48E-01
0.00E+00	ADULT	MEAT ING	9.29E-03	1.20E-01	2.23E-02	2.23E-02	2.51E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

5.33E+00	ADULT	TOTALS	1.41E+00	4.02E+00	5.64E+00	4.53E-01	5.02E-01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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DURATION IN YRS IS...100.0

NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY

0.00E+00	INFANT	INHAL.	6.87E+00	7.00E+00	5.38E+01	1.92E-01	2.12E-01
4.93E-02	INFANT	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
1.37E-07	INFANT	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
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

4.93E-02	INFANT	TOTALS	6.92E+00	7.05E+00	5.39E+01	2.41E-01	2.62E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY



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0.00E+00	CHILD	INHAL.	3.35E+00	6.05E+00	2.59E+01	8.05E-02	8.15E-02
4.93E-02	CHILD	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
1.37E-07	CHILD	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
0.00E+00	CHILD	VEG. ING	3.91E-02	5.07E-01	4.59E-02	4.59E-02	1.15E-01
0.00E+00	CHILD	MEAT ING	5.44E-03	7.24E-02	1.15E-02	1.15E-02	1.45E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.93E-02	CHILD	TOTALS	3.45E+00	6.68E+00	2.60E+01	1.87E-01	2.61E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

0.00E+00	TEENAGE	INHAL.	1.87E+00	6.42E+00	1.35E+01	3.80E-02	4.46E-02
4.93E-02	TEENAGE	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
1.37E-07	TEENAGE	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
0.00E+00	TEENAGE	VEG. ING	6.40E-02	8.31E-01	7.44E-02	7.44E-02	1.89E-01
0.00E+00	TEENAGE	MEAT ING	8.83E-03	1.17E-01	1.86E-02	1.86E-02	2.36E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.93E-02	TEENAGE	TOTALS	1.99E+00	7.42E+00	1.36E+01	1.80E-01	3.06E-01
BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY

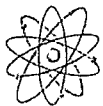
0.00E+00	ADULT	INHAL.	1.59E+00	6.23E+00	1.12E+01	3.19E-02	3.54E-02
4.93E-02	ADULT	GROUND	4.93E-02	4.93E-02	4.93E-02	4.93E-02	4.93E-02
1.37E-07	ADULT	CLOUD	1.37E-07	1.37E-07	1.37E-07	1.37E-07	1.37E-07
0.00E+00	ADULT	VEG. ING	8.83E-02	1.15E+00	1.03E-01	1.03E-01	2.61E-01
0.00E+00	ADULT	MEAT ING	1.54E-02	2.05E-01	3.25E-02	3.25E-02	4.12E-02
0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

4.93E-02	ADULT	TOTALS	1.75E+00	7.63E+00	1.14E+01	2.17E-01	3.87E-01

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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DURATION IN YRS IS...100.0



POWERTECH (USA) Inc.

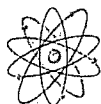
NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
1.44E+01	INFANT	INHAL.	7.75E+00	7.03E+00	5.38E+01	3.58E-01	2.77E-01
5.32E-01	INFANT	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
1.15E-01	INFANT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
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
1.51E+01	INFANT	TOTALS	8.40E+00	7.68E+00	5.45E+01	1.00E+00	9.24E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
1.44E+01	CHILD	INHAL.	4.22E+00	6.07E+00	2.59E+01	1.54E-01	1.12E-01
5.32E-01	CHILD	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
1.15E-01	CHILD	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	CHILD	VEG. ING	4.16E-02	5.36E-01	5.43E-02	5.43E-02	1.22E-01
0.00E+00	CHILD	MEAT ING	5.88E-03	7.74E-02	1.30E-02	1.30E-02	1.57E-02
0.00E+00	CHILD	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.51E+01	CHILD	TOTALS	4.92E+00	7.33E+00	2.66E+01	8.68E-01	8.96E-01

	AGE	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER	KIDNEY
BRONCHI							
1.44E+01	TEENAGE	INHAL.	2.74E+00	6.48E+00	1.35E+01	6.96E-02	5.98E-02
5.32E-01	TEENAGE	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
1.15E-01	TEENAGE	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
0.00E+00	TEENAGE	VEG. ING	6.81E-02	8.78E-01	8.82E-02	8.82E-02	2.00E-01



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0.00E+00	TEENAGE	MEAT ING	9.54E-03	1.26E-01	2.11E-02	2.11E-02	2.56E-02
0.00E+00	TEENAGE	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

1.51E+01	TEENAGE	TOTALS	3.47E+00	8.13E+00	1.42E+01	8.25E-01	9.32E-01
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BRONCHI	AGE	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER	KIDNEY
---------	-----	---------	----------	------	-----------	-------	--------

1.44E+01	ADULT	INHAL.	2.46E+00	6.26E+00	1.12E+01	5.83E-02	4.81E-02
----------	-------	--------	----------	----------	----------	----------	----------

5.32E-01	ADULT	GROUND	5.32E-01	5.32E-01	5.32E-01	5.32E-01	5.32E-01
----------	-------	--------	----------	----------	----------	----------	----------

1.15E-01	ADULT	CLOUD	1.15E-01	1.15E-01	1.15E-01	1.15E-01	1.15E-01
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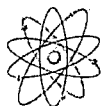
0.00E+00	ADULT	VEG. ING	9.39E-02	1.21E+00	1.22E-01	1.22E-01	2.76E-01
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0.00E+00	ADULT	MEAT ING	1.67E-02	2.20E-01	3.68E-02	3.68E-02	4.47E-02
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0.00E+00	ADULT	MILK ING	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
----------	-------	----------	----------	----------	----------	----------	----------

1.51E+01	ADULT	TOTALS	3.22E+00	8.34E+00	1.20E+01	8.64E-01	1.02E+00
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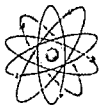
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APPENDIX 7.3-B

MILDOS AREA SIMULATION FOR WASTE DISPOSAL WELL



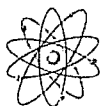
POWERTECH (USA) Inc.

11REGION: Dewey Burdock
METSET:
0

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
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02/23/09

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POWERTECH (USA) Inc.

1REGION: Dewey Burdock

CODE: MILDOS-AREA (02/97)

PAGE 2

METSET:

DATA: DBNOLA.MIL

02/23/09

JOINT FREQUENCY IN PERCENT, DIRECTION INDICATES WHERE WIND IS FROM

FREQWS=0.46786,0.23973,0.15172,0.09302,0.03668,0.01100

MPH	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW	WSW	W
-----	---	-----	----	-----	---	-----	----	-----	---	-----	----	-----	---

WNW	NW	NNW	TOTALS
-----	----	-----	--------

STABILITY CLASS 1

1.5	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0260										
5.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000
0.0000	0.0000	0.0000	0.0260										
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
ALL	0.0260	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0260	0.0000
0.0000	0.0000	0.0000	0.0520										

STABILITY CLASS 2

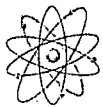
1.5	0.3930	0.2360	0.1310	0.1050	0.0790	0.1830	0.1570	0.3410	0.7340	0.7340	0.7860	0.4980	0.8650
0.8390	0.9170	0.7080	7.7060										
5.5	0.0520	0.0000	0.0000	0.0260	0.0000	0.0260	0.0000	0.0520	0.0790	0.0790	0.0520	0.1050	0.2620
0.0790	0.1830	0.1050	1.1000										
10.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0790	0.0000	0.0000	0.0790										
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
ALL	0.4450	0.2360	0.1310	0.1310	0.0790	0.2090	0.1570	0.3930	0.8130	0.8130	0.8380	0.6030	1.1270
0.9970	1.1000	0.8130	8.8850										

STABILITY CLASS 3

1.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
5.5	0.0520	0.0000	0.0260	0.0000	0.0260	0.0790	0.3410	0.2360	0.3140	0.0260	0.1050	0.2880	0.6290
1.1010	0.8650	0.6810	4.7690										
10.0	0.0000	0.0000	0.0000	0.0000	0.1050	0.0260	0.2880	0.2360	0.0260	0.0000	0.0260	0.0260	0.1310
0.8390	0.6810	0.4450	2.8290										
15.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
21.5	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
28.0	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000	0.0000
0.0000	0.0000	0.0000	0.0000										
ALL	0.0520	0.0000	0.0260	0.0000	0.1310	0.1050	0.6290	0.4720	0.3400	0.0260	0.1310	0.3140	0.7600
1.9400	1.5460	1.1260	7.5980										

STABILITY CLASS 4

1.5	1.7600	0.4720	0.1830	0.1570	0.2620	0.2100	0.2880	0.6290	0.8120	0.4720	0.4980	0.6550	0.5770
0.4980	0.9430	1.1790	9.5950										
5.5	1.0200	0.1570	0.1570	0.3410	0.8390	0.6290	0.5240	0.6290	0.2360	0.2360	0.0260	0.1570	0.4980
1.3890	2.0960	1.8870	10.8210										
10.0	0.3140	0.1050	0.1050	0.6030	1.0740	0.5240	0.5500	0.1830	0.0000	0.0000	0.1310	0.0790	0.4720
2.4630	4.1930	1.4680	12.2640										
15.5	0.0260	0.0000	0.0260	0.3930	0.5770	0.1050	0.1050	0.0790	0.0000	0.0000	0.1830	0.1830	0.3140
1.7300	4.7690	0.8120	9.3020										



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21.5 0.0000 0.0000 0.0000 0.0520 0.0260 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0790 0.1830
0.6550 2.5160 0.1570 3.6680
28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0260 0.0260
0.0520 0.9700 0.0260 1.1000
ALL 3.1200 0.7340 0.4710 1.5460 2.7780 1.4680 1.4670 1.5200 1.0480 0.7080 0.8380 1.1790 2.0700
6.7870 15.4870 5.5290 46.7500

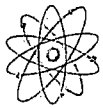
STABILITY CLASS 5

1.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
5.5 0.8120 0.0790 0.1310 0.1830 0.2100 0.1570 0.2620 0.2880 0.0260 0.0000 0.0260 0.0000 0.0520
0.2880 0.6030 0.8650 3.9820
10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
ALL 0.8120 0.0790 0.1310 0.1830 0.2100 0.1570 0.2620 0.2880 0.0260 0.0000 0.0260 0.0000 0.0520
0.2880 0.6030 0.8650 3.9820

STABILITY CLASS 6

1.5 5.5600 3.3540 2.0700 1.2050 0.8650 0.8390 0.8910 1.2050 1.1270 0.7860 0.5240 0.5770 0.9430
1.4940 2.5940 5.4250 29.4590
5.5 0.7600 0.1570 0.1050 0.1050 0.1310 0.2100 0.0790 0.1310 0.1830 0.0000 0.0520 0.0260 0.1050
0.1830 0.2880 0.7600 3.2750
10.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
15.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
21.5 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
28.0 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000 0.0000
0.0000 0.0000 0.0000 0.0000
ALL 6.3200 3.5110 2.1750 1.3100 0.9960 1.0490 0.9700 1.3360 1.3100 0.7860 0.5760 0.6030 1.0480
1.6770 2.8820 6.1850 32.7340

ALL 10.7750 4.5600 2.9340 3.1700 4.1940 2.9880 3.4850 4.0090 3.5370 2.3330 2.4090 2.7250
5.0570 11.6890 21.6180 14.5180 100.0010



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

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-----INDIVIDUAL RECEPTOR LOCATION DATA, 41 LOCATIONS INPUT THIS

RUN-----

I	LOCATION NAMES	X(KM)	Y(KM)	Z(M)	DIST(KM)	TYPE	I	LOCATION NAMES	X(KM)
Y(KM)	Z(M)	DIST(KM)	TYPE						
1	CPP N	0.00	2.82	0.00	2.82	10	22	SF SSE	-3.55
0.15	0.00	3.55	10						
2	CPP NNE	1.07	2.78	0.00	2.98	10	23	SF SE	-2.81
1.30	0.00	3.10	10						
3	CPP NE	1.16	1.17	0.00	1.65	10	24	SF S	-4.91
-0.25	0.00	4.92	10						
4	CPP ENE	2.64	1.01	0.00	2.83	10	25	SF SSW	-5.70
1.38	0.00	5.86	10						
5	CPP E	2.60	0.00	0.00	2.60	10	26	SF SW	-6.28
2.06	0.00	6.61	10						
6	CPP ESE	2.53	-0.97	0.00	2.71	10	27	SF WSW	-6.24
2.92	0.00	6.89	10						
7	CPP SSE	0.85	-2.25	0.00	2.41	10	28	SF W	-7.02
3.43	0.00	7.81	10						
8	CPP SE	2.13	-2.14	0.00	3.02	10	29	SF WNW	-6.98
4.21	0.00	8.15	10						
9	CPP S	0.00	-2.87	0.00	2.87	10	30	SF NW	-6.24
4.69	0.00	7.81	10						
10	CPP SSW	-1.09	-2.84	0.00	3.04	10	31	SF NNW	-5.40
4.67	0.00	7.14	10						
11	CPP SW	-2.44	-2.43	0.00	3.44	10	32	SF ESE	-3.00
2.69	0.00	4.03	10						
12	CPP WSW	-2.37	-0.90	0.00	2.54	10	33	Daniels Ranch	2.13
0.02	0.00	2.13	10						
13	CPP W	-2.32	0.00	0.00	2.32	10	34	Spencer Ranch	-2.00
1.21	0.00	2.34	10						
14	CPP WNW	-2.29	0.87	0.00	2.45	10	35	BC Ranch	-6.64
3.81	0.00	7.66	10						
15	CPP NW	-2.55	2.52	0.00	3.59	10	36	Puttman Ranch	-5.16
7.23	0.00	8.88	10						
16	CPP NNW	-1.42	3.70	0.00	3.96	10	37	Englebert Ranch	0.30
-4.83	0.00	4.84	10						
17	SF N	-4.92	5.28	0.00	7.22	10	38	Burdock School	-2.25
-1.96	0.00	2.98	10						
18	SF NNE	-4.23	5.25	0.00	6.74	10	39	Heck Ranch	1.73
-6.38	0.00	6.61	10						
19	SF NE	-2.70	5.64	0.00	6.25	10	40	Edgemont	11.03
-18.59	0.00	21.62	10						
20	SF ENE	-3.35	4.01	0.00	5.23	10	41	Background	-5.25
-3.00	0.00	6.05	10						
21	SF E	-2.97	3.43	0.00	4.54	10			

MISCELLANEOUS INPUTABLE PARAMETER VALUES

DMM	DMA	TSTART	FFORI	FHAYI	FFORP	FHAYP	FPR(1)
FPR(2)	FPR(3)	ACTRAT					
100.0	100.0	2008.00	0.50	0.50	0.50	0.50	0.00
0.00	0.00	2.50					

IPACT EQUALS 0, 0, 0, 1,

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

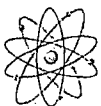
TIME STEP DATA....	STEP NAMES	LENGTH, YRS	IFTODO
1		5.00	1
2		100.00	0



POWERTECH (USA) Inc.

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

HDP EQUALS 50.0



POWERTECH (USA) INC.

1REGION: Dewey Burdock
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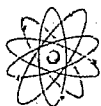
POPULATION DISTRIBUTION

WSW	W	N	NNE	NE	ENE	E	ESE	SE	SSE	S	SSW	SW
		WNW	NW	NNW								
KILOMETERS		0.0	22.5	45.0	67.5	90.0	112.5	135.0	157.5	180.0	202.5	225.0
247.5	270.0	292.5	315.0	337.5								

1.0- 2.0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0									
2.0- 3.0	0	0	0	0	0	0	0	0	0	1	0	0
0 0	0	0	0									
3.0- 4.0	0	0	0	0	0	0	0	0	0	0	0	0
6 0	0	0	0									
4.0- 5.0	0	0	0	0	0	0	0	0	0	0	0	0
0 0	0	0	0									
5.0-10.0	0	0	0	0	0	0	0	0	2	11	3	0
0 0	8	6	2									
10.0-20.0	19	26	12	10	0	24	21	12	18	0	7	0
0 0	6	2	0									
20.0-30.0	14	165	8	15	154	47	26	342	649	7	0	0
0 0	2	0	35									
30.0-40.0	15	54	59	494	282	501	76	18	52	6	2	29
2 2	2	10	234									
40.0-50.0	4	25	64	3852	21	4651	329	32	7	18	2	18
10 10	18	22	4129									
50.0-60.0	28	25	229	391	73	278	183	12	30	2	25	21
0 0	57	30	121									
60.0-70.0	8	39	780	1825	268	70	143	13	20	17	21	23
22 22	58	50	316									
70.0-80.0	9	58	386	3427	539	95	136	34	30	44	48	61
18 18	33	72	77									

1.0-80.0	392	1538	10014	1337	5666	914	463	808	106	108	152
103 52	184	192	4914								

TOTAL 1-80 KM POPULATION IS 26943 PERSONS



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
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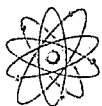
NUMBER OF SOURCES= 4

PSIZE	KM M/SEC	KM X	M Y	KM2 Z	AREA	U-238	Th-230	CI/YEAR Ra-226	Pb-210	Rn-222	ID
NO.	SET	EXIT	VEL	SOURCE	NAME						
1	1	-4.92	3.43	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1001
		3.30E+00	SF								
2	2	1.83	-0.56	0.00	0.9130	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	1002
		0.00E+00	CPP Wellfield								
3	3	-3.86	3.48	0.00	0.8380	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.39E+02	1003
		0.00E+00	SF Wellfield								
4	4	0.00	0.00	16.00	0.0000	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.15E+02	1004
		3.30E+00	CPP								

INPUT TAILS ACTIVITIES, PCI/G						AMAD AND FRACTIONAL			
DISTRIBUTION									
	SET	URANIUM	THORIUM	RADIUM	LEAD	SET	1.5	3.0	7.7
54.0									
	1	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1	0.000	1.000	
0.000 0.000	2	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2	1.000	0.000	
0.000 0.000	3	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3	0.000	0.000	
0.300 0.700									

PARTICULATE SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED								
FOR THIS RUN								
SOURCE	TSTEP 1	TSTEP 2	TSTEP 3	TSTEP 4	TSTEP 5	TSTEP 6	TSTEP 7	
TSTEP 8	TSTEP 9	TSTEP10						
NUMBER	5.00YRS	100.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS	
5.00YRS	5.00YRS	5.00YRS						
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						

RADON SOURCE STRENGTH MULTIPLIERS BY TIME STEP, 2 TIME STEP(S) USED FOR THIS RUN								
SOURCE	TSTEP 1	TSTEP 2	TSTEP 3	TSTEP 4	TSTEP 5	TSTEP 6	TSTEP 7	
TSTEP 8	TSTEP 9	TSTEP10						
NUMBER	5.00YRS	100.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS	5.00YRS	
5.00YRS	5.00YRS	5.00YRS						
1	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						
2	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						
3	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						
4	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00	1.000E+00
1.000E+00	1.000E+00	1.000E+00						



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
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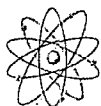
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IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS

DEGREES
CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0

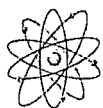
				TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL			
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
<hr/>							
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.015E+01	2.002E+01	1.361E+01
9.042E+00	2.174E-05	1.234E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.432E+01	1.125E+01
8.437E+00	2.093E-05	1.032E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.147E+01	9.714E+00
7.884E+00	2.270E-05	9.047E-05					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.391E+00	8.387E+00	7.481E+00
6.425E+00	2.245E-05	7.053E-05					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.867E+00	4.868E+00	4.674E+00
4.410E+00	2.687E-05	4.516E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.233E+00	2.234E+00	2.228E+00
2.211E+00	3.423E-05	2.185E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.269E+00
1.270E+00	3.703E-05	1.248E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.450E-01	8.455E-01	8.493E-01
8.516E-01	3.721E-05	8.353E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.188E-01	6.192E-01	6.222E-01
6.243E-01	3.672E-05	6.121E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.798E-01	4.801E-01	4.824E-01
4.841E-01	3.603E-05	4.746E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.865E-01	3.867E-01	3.886E-01
3.900E-01	3.530E-05	3.824E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.200E-01	3.202E-01	3.218E-01
3.229E-01	3.456E-05	3.166E-06					

		GROUND SURFACE CONCENTRATIONS, PCI/M2						
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						
	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.586E+01	
1.586E+01	1.586E+01	4.528E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.134E+01	
1.134E+01	1.134E+01	4.361E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.082E+00	
9.082E+00	9.082E+00	4.729E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.643E+00	
6.643E+00	6.643E+00	4.675E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.856E+00	
3.856E+00	3.856E+00	5.597E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	
1.770E+00	1.770E+00	7.130E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.002E+00	
1.002E+00	1.002E+00	7.714E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-01	
6.696E-01	6.696E-01	7.752E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.904E-01	
4.904E-01	4.904E-01	7.648E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.802E-01	
3.802E-01	3.802E-01	7.505E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.063E-01	
3.063E-01	3.063E-01	7.352E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.536E-01	
2.536E-01	2.536E-01	7.199E+01						



POWERTECH (USA) Inc.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.521E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.280E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.811E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.734E-08
7.5	0.000E+00	0.000E+00	0.000E+00	8.061E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.111E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.116E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.059E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.037E-07



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1REGION: Dewey Burdock
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IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0
DEGREES

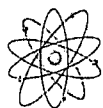
				TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL			
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.813E+01	2.707E+01	1.255E+01
6.714E+00	2.404E-05	1.166E-04	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01
6.450E+00	2.509E-05	1.010E-04	0.000E+00	0.000E+00	1.374E+01	1.359E+01	9.573E+00
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.374E+01	1.359E+01	9.573E+00
6.680E+00	2.817E-05	8.744E-05	0.000E+00	0.000E+00	1.006E+01	1.002E+01	8.097E+00
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.006E+01	1.002E+01	8.097E+00
6.398E+00	3.107E-05	7.523E-05	0.000E+00	0.000E+00	4.991E+00	4.991E+00	4.610E+00
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.991E+00	4.991E+00	4.610E+00
4.237E+00	3.401E-05	4.432E-05	0.000E+00	0.000E+00	2.277E+00	2.279E+00	2.222E+00
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.277E+00	2.279E+00	2.222E+00
2.149E+00	3.731E-05	2.163E-05	0.000E+00	0.000E+00	1.261E+00	1.262E+00	1.254E+00
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.261E+00	1.262E+00	1.254E+00
1.237E+00	3.694E-05	1.227E-05	0.000E+00	0.000E+00	8.466E-01	8.471E-01	8.469E-01
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.466E-01	8.471E-01	8.469E-01
8.430E-01	3.602E-05	8.311E-06	0.000E+00	0.000E+00	6.242E-01	6.245E-01	6.260E-01
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.242E-01	6.245E-01	6.260E-01
6.254E-01	3.504E-05	6.150E-06	0.000E+00	0.000E+00	4.870E-01	4.872E-01	4.889E-01
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.870E-01	4.872E-01	4.889E-01
4.894E-01	3.412E-05	4.806E-06	0.000E+00	0.000E+00	3.945E-01	3.947E-01	3.964E-01
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.945E-01	3.947E-01	3.964E-01
3.972E-01	3.327E-05	3.898E-06	0.000E+00	0.000E+00	3.284E-01	3.286E-01	3.300E-01
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.284E-01	3.286E-01	3.300E-01
3.309E-01	3.248E-05	3.246E-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	2.144E+01	
2.144E+01	2.144E+01	5.007E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.639E+01	
1.639E+01	1.639E+01	5.225E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.076E+01	
1.076E+01	1.076E+01	5.868E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.933E+00	
7.933E+00	7.933E+00	6.472E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.953E+00	
3.953E+00	3.953E+00	7.085E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.805E+00	
1.805E+00	1.805E+00	7.771E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.993E-01	
9.993E-01	9.993E-01	7.695E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.709E-01	
6.709E-01	6.709E-01	7.503E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	
4.947E-01	4.947E-01	7.300E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.859E-01	
3.859E-01	3.859E-01	7.108E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.127E-01	
3.127E-01	3.127E-01	6.930E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.602E-01	
2.602E-01	2.602E-01	6.765E+01						



POWERTECH (USA) Inc.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.211E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.526E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.452E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.321E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.020E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.108E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.024E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.980E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.743E-08



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

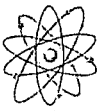
PAGE 8
02/23/09

IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS

CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0
DEGREES

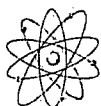
TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL							
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214
Bi-214	Pb-210	WL					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.331E+01	4.292E+01	2.648E+01
1.553E+01	4.259E-05	2.364E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01
1.808E+01	5.789E-05	2.262E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01
1.772E+01	7.203E-05	2.008E-04					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01
1.715E+01	8.683E-05	1.840E-04					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01
1.225E+01	1.084E-04	1.236E-04					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00
6.311E+00	1.198E-04	6.242E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00
3.558E+00	1.175E-04	3.497E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00
2.367E+00	1.128E-04	2.322E-05					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00
1.722E+00	1.082E-04	1.689E-05					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00
1.326E+00	1.040E-04	1.300E-05					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00
1.060E+00	1.003E-04	1.040E-05					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01
8.719E-01	9.691E-05	8.548E-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	3.400E+01	
3.400E+01	3.400E+01	8.872E+01					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E+01	
2.520E+01	2.520E+01	1.206E+02					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.966E+01	
1.966E+01	1.966E+01	1.500E+02					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+01	
1.675E+01	1.675E+01	1.809E+02					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.034E+01	
1.034E+01	1.034E+01	2.257E+02					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.063E+00	
5.063E+00	5.063E+00	2.495E+02					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.812E+00	
2.812E+00	2.812E+00	2.448E+02					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.863E+00	
1.863E+00	1.863E+00	2.350E+02					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.354E+00	
1.354E+00	1.354E+00	2.254E+02					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+00	
1.042E+00	1.042E+00	2.167E+02					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.329E-01	
8.329E-01	8.329E-01	2.089E+02					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.848E-01	
6.848E-01	6.848E-01	2.019E+02					



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.278E-07
2.5	0.000E+00	0.000E+00	0.000E+00	1.737E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.161E-07
4.5	0.000E+00	0.000E+00	0.000E+00	2.605E-07
7.5	0.000E+00	0.000E+00	0.000E+00	3.251E-07
15.0	0.000E+00	0.000E+00	0.000E+00	3.593E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.526E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.385E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.246E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.121E-07
65.0	0.000E+00	0.000E+00	0.000E+00	3.009E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.907E-07



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

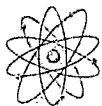
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IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0
DEGREES

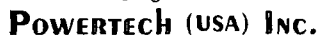
XRHO, KM		TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL						
U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-214		
Bi-214	Pb-210	WL						
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.161E+01	2.118E+01	1.524E+01	
1.140E+01	3.217E-05	1.416E-04	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01	
1.607E+01	4.130E-05	1.911E-04	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01	
1.774E+01	4.408E-05	2.098E-04	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01	
1.583E+01	3.989E-05	1.867E-04	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00	
6.549E+00	2.777E-05	7.037E-05	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00	
1.662E+00	2.181E-05	1.689E-05	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01	
8.517E-01	2.081E-05	8.528E-06	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01	
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01	
5.526E-01	1.963E-05	5.479E-06	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01	
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01	
3.994E-01	1.866E-05	3.939E-06	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01	
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01	
3.075E-01	1.785E-05	3.024E-06	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01	
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01	
2.467E-01	1.717E-05	2.423E-06	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	
2.039E-01	1.657E-05	2.001E-06	0.000E+00	0.000E+00				

			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	1.678E+01	
1.678E+01	1.678E+01	6.700E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01	
2.041E+01	2.041E+01	8.603E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01	
2.177E+01	2.177E+01	9.182E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01	
1.916E+01	1.916E+01	8.308E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	
6.389E+00	6.389E+00	5.785E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00	
1.437E+00	1.437E+00	4.544E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01	
7.045E-01	7.045E-01	4.334E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01	
4.456E-01	4.456E-01	4.089E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01	
3.181E-01	3.181E-01	3.887E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01	
2.432E-01	2.432E-01	3.719E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01	
1.945E-01	1.945E-01	3.576E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01	
1.605E-01	1.605E-01	3.451E+01						



POWERTECH (USA) Inc.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	9.650E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.239E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.322E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.197E-07
7.5	0.000E+00	0.000E+00	0.000E+00	8.332E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.544E-08
25.0	0.000E+00	0.000E+00	0.000E+00	6.242E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.889E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.598E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.356E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.150E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.970E-08



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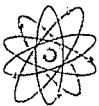
CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5 DEGREES

		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	1.752E+01	
1.752E+01	1.752E+01	6.030E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.158E+01	
2.158E+01	2.158E+01	6.027E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.154E+01	
3.154E+01	3.154E+01	5.765E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.974E+01	
3.974E+01	3.974E+01	4.740E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.109E+00	
7.109E+00	7.109E+00	3.154E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	
1.491E+00	1.491E+00	4.192E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.748E-01	
6.748E-01	6.748E-01	4.161E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.165E-01	
4.165E-01	4.165E-01	3.977E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.939E-01	
2.939E-01	2.939E-01	3.815E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	
2.230E-01	2.230E-01	3.671E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.776E-01	
1.776E-01	1.776E-01	3.550E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.460E-01	
1.460E-01	1.460E-01	3.441E+01						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	8.684E-08
2.5	0.000E+00	0.000E+00	0.000E+00	8.681E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.303E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.827E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.542E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.038E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.993E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.728E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.494E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.287E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.113E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.956E-08



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

EFFECTIV

EXPOSURE PATHWAY IS INHAL.

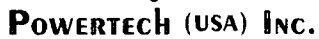
EXPOSED ORGAN IS

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-
REM/YEAR

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.500E-05	4.465E-04	1.469E-04		
6.713E-05	6.590E-05	1.008E-04	1.468E-04							
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E-05	1.706E-05	1.241E-04		
1.315E-04	4.589E-04	1.525E-03	7.367E-04							
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.857E-05	2.870E-05	9.355E-04		
7.161E-03	7.122E-04	3.256E-03	5.992E-03							
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.134E-04	5.531E-04		
3.978E-05	1.340E-04	4.778E-04	9.357E-04							
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.540E-05	1.269E-04	1.319E-03		
1.192E-02	6.941E-04	1.705E-04	2.260E-04							
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.488E-05	8.890E-05	2.487E-04		
1.037E-03	5.584E-04	4.245E-04	3.950E-04							
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.460E-05	1.777E-03	9.030E-05		
1.554E-04	5.656E-05	5.972E-05	1.524E-04							
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-05	1.488E-04	5.282E-03	4.078E-04		
5.281E-05	2.181E-04	1.405E-04	2.040E-04							
S	0.000E+00	4.227E-06	0.000E+00	0.000E+00	8.705E-05	0.000E+00	6.012E-05	4.949E-05		
1.425E-04	1.523E-05	1.248E-04	3.123E-04							
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-05	4.513E-05	0.000E+00	1.028E-05		
9.458E-06	1.103E-04	8.731E-05	1.894E-04							
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.673E-05		
4.951E-05	5.388E-05	5.558E-05	1.399E-04							
WSW	0.000E+00	0.000E+00	2.345E-05	0.000E+00	0.000E+00	4.401E-05	2.859E-05	2.771E-05		
6.827E-06	4.478E-05	1.210E-05	1.297E-05							
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.870E-06		
1.365E-05	0.000E+00	2.764E-05	2.184E-05							
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.844E-06	8.820E-06	2.919E-06	2.791E-06		
2.411E-05	7.350E-05	7.236E-05	3.992E-05							
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.560E-06	3.344E-06	0.000E+00	1.529E-05		
3.212E-05	4.205E-05	6.762E-05	9.474E-05							
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.293E-06	0.000E+00	8.803E-05	5.683E-04		
9.662E-03	2.735E-04	6.915E-04	1.635E-04							

TOTAL DOSE COMMITMENT IS 6.465E-02 PERSON-REM/YR



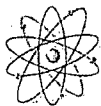
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EXPOSED ORGAN IS BONE

[illegible]

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-04	3.621E-03	1.191E-03
5.438E-04	5.337E-04	8.156E-04	1.188E-03					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.014E-04	1.383E-04	1.006E-03
1.065E-03	3.716E-03	1.234E-02	5.960E-03					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.507E-04	2.327E-04	7.582E-03
5.801E-02	5.766E-03	2.635E-02	4.847E-02					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.541E-03	4.482E-03
3.222E-04	1.085E-03	3.867E-03	7.569E-03					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.305E-04	1.029E-03	1.069E-02
9.657E-02	5.620E-03	1.380E-03	1.828E-03					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.073E-04	7.207E-04	2.015E-03
8.400E-03	4.521E-03	3.436E-03	3.195E-03					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.239E-04	1.441E-02	7.318E-04
1.259E-03	4.580E-04	4.833E-04	1.233E-03					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.197E-04	1.207E-03	4.283E-02	3.304E-03
4.278E-04	1.766E-03	1.137E-03	1.650E-03					
S	0.000E+00	3.430E-05	0.000E+00	0.000E+00	7.063E-04	0.000E+00	4.875E-04	4.011E-04
1.154E-03	1.233E-04	1.010E-03	2.526E-03					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.584E-04	3.660E-04	0.000E+00	8.328E-05
7.661E-05	8.932E-04	7.066E-04	1.532E-03					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.029E-04
4.011E-04	4.362E-04	4.499E-04	1.131E-03					
WSW	0.000E+00	0.000E+00	1.903E-04	0.000E+00	0.000E+00	3.570E-04	2.318E-04	2.246E-04
5.531E-05	3.626E-04	9.797E-05	1.049E-04					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.326E-05
1.106E-04	0.000E+00	2.237E-04	1.767E-04					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.177E-05	7.155E-05	2.367E-05	2.263E-05
1.953E-04	5.952E-04	5.857E-04	3.230E-04					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.323E-05	2.713E-05	0.000E+00	1.240E-04
2.603E-04	3.406E-04	5.473E-04	7.665E-04					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.672E-05	0.000E+00	7.139E-04	4.607E-03
7.828E-02	2.214E-03	5.597E-03	1.323E-03					

TOTAL DOSE COMMITMENT IS 5.237E-01 PERSON-REM/YR



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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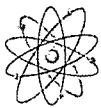
IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS

AVG.LUNG
EXPOSURE PATHWAY IS INHAL.
EXPOSED ORGAN IS

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-
REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.655E-06	5.395E-05	1.822E-05	
8.547E-06	8.610E-06	1.350E-05	2.018E-05						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.929E-06	2.066E-06	1.543E-05	
1.678E-05	6.011E-05	2.049E-04	1.015E-04						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.196E-06	3.483E-06	1.166E-04	
9.159E-04	9.348E-05	4.385E-04	8.275E-04						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E-05	6.902E-05	
5.093E-06	1.760E-05	6.437E-05	1.292E-04						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.758E-06	1.544E-05	1.647E-04	
1.527E-03	9.115E-05	2.295E-05	3.117E-05						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.883E-06	1.082E-05	3.102E-05	
1.326E-04	7.313E-05	5.693E-05	5.421E-05						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.664E-06	2.164E-04	1.128E-05	
1.989E-05	7.417E-06	8.020E-06	2.095E-05						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-06	1.765E-05	6.434E-04	5.098E-05	
6.774E-06	2.870E-05	1.895E-05	2.820E-05						
S	0.000E+00	4.875E-07	0.000E+00	0.000E+00	1.014E-05	0.000E+00	7.322E-06	6.188E-06	
1.828E-05	2.005E-06	1.686E-05	4.325E-05						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E-06	5.351E-06	0.000E+00	1.283E-06	
1.212E-06	1.451E-05	1.178E-05	2.621E-05						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E-05	
6.329E-06	7.068E-06	7.481E-06	1.930E-05						
WSW	0.000E+00	0.000E+00	2.699E-06	0.000E+00	0.000E+00	5.185E-06	3.457E-06	3.438E-06	
8.693E-07	5.848E-06	1.621E-06	1.780E-06						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E-07	
1.730E-06	0.000E+00	3.677E-06	2.975E-06						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	1.035E-06	3.516E-07	3.449E-07	
3.056E-06	9.551E-06	9.637E-06	5.447E-06						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.577E-07	3.922E-07	0.000E+00	1.889E-06	
4.070E-06	5.463E-06	9.002E-06	1.292E-05						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.804E-07	0.000E+00	1.061E-05	7.029E-05	
1.226E-03	3.561E-05	9.233E-05	2.238E-05						

TOTAL DOSE COMMITMENT IS 8.346E-03 PERSON-REM/YR



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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IS... 5.0
TIME STEP NUMBER 1,
DURATION IN YRS
EXPOSURE PATHWAY IS INHAL.
EXPOSED ORGAN IS BRONCHI
DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-
REM/YEAR

XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						
N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.257E-02	2.609E-01	5.704E-02	
1.934E-02	1.499E-02	1.884E-02	2.320E-02						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E-02	9.344E-03	4.575E-02	
3.619E-02	1.000E-01	2.736E-01	1.118E-01						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.810E-02	1.540E-02	3.413E-01	
1.961E+00	1.551E-01	5.852E-01	9.126E-01						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.705E-01	2.067E-01	
1.123E-02	3.021E-02	8.924E-02	1.485E-01						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-02	7.408E-02	5.302E-01	
3.629E+00	1.692E-01	3.452E-02	3.900E-02						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.973E-02	6.008E-02	1.171E-01	
3.738E-01	1.628E-01	1.038E-01	8.305E-02						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-02	1.199E+00	4.271E-02	
5.658E-02	1.673E-02	1.486E-02	3.270E-02						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.595E-02	1.479E-01	2.931E+00	1.562E-01
1.538E-02	5.103E-02	2.737E-02	3.395E-02						
S	0.000E+00	3.983E-02	0.000E+00	0.000E+00	1.795E-01	0.000E+00	3.105E-02	1.763E-02	
3.843E-02	3.286E-03	2.233E-02	4.753E-02						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.789E-02	3.984E-02	0.000E+00	3.575E-03	
2.486E-03	2.312E-02	1.513E-02	2.783E-02						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.115E-02	
1.337E-02	1.158E-02	9.870E-03	2.105E-02						
WSW	0.000E+00	0.000E+00	1.444E-01	0.000E+00	0.000E+00	4.897E-02	1.718E-02	1.129E-02	
2.094E-03	1.096E-02	2.458E-03	2.244E-03						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.406E-03	
5.017E-03	0.000E+00	6.751E-03	4.557E-03						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E-02	1.412E-02	2.129E-03	1.314E-03	
8.344E-03	2.005E-02	1.625E-02	7.597E-03						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-01	5.514E-03	0.000E+00	7.255E-03	
1.124E-02	1.163E-02	1.542E-02	1.835E-02						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.713E-02	0.000E+00	5.787E-02	2.434E-01	
3.050E+00	6.804E-02	1.414E-01	2.830E-02						

TOTAL DOSE COMMITMENT IS 2.090E+01 PERSON-REM/YR



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EFFECTIV	EXPOSURE PATHWAY IS GROUND	EXPOSED ORGAN IS

[illegible]

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-05	5.339E-05	1.430E-05
5.772E-06	5.212E-06	7.505E-06	1.045E-05					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.180E-06	1.969E-06	1.181E-05
1.111E-05	3.580E-05	1.123E-04	5.191E-05					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-06	3.277E-06	8.858E-05
6.041E-04	5.553E-05	2.398E-04	4.225E-04					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.605E-05	5.293E-05
3.394E-06	1.056E-05	3.557E-05	6.667E-05					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.123E-05	1.517E-05	1.305E-04
1.047E-03	5.618E-05	1.300E-05	1.645E-05					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.416E-05	1.155E-05	2.653E-05
9.766E-05	4.822E-05	3.438E-05	3.045E-05					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.210E-05	2.307E-04	9.657E-06
1.470E-05	4.911E-06	4.866E-06	1.182E-05					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.860E-06	2.470E-05	6.141E-04	3.945E-05
4.559E-06	1.741E-05	1.059E-05	1.471E-05					
S	0.000E+00	4.729E-06	0.000E+00	0.000E+00	2.498E-05	0.000E+00	6.727E-06	4.638E-06
1.195E-05	1.184E-06	9.181E-06	2.202E-05					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.336E-06	6.923E-06	0.000E+00	9.533E-07
7.860E-07	8.501E-06	6.366E-06	1.324E-05					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.157E-06
4.156E-06	4.185E-06	4.080E-06	9.835E-06					
WSW	0.000E+00	0.000E+00	1.760E-05	0.000E+00	0.000E+00	7.898E-06	3.472E-06	2.758E-06
6.014E-07	3.630E-06	9.235E-07	9.451E-07					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.124E-07
1.296E-06	0.000E+00	2.238E-06	1.680E-06					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.064E-05	2.070E-06	3.970E-07	2.978E-07
2.231E-06	6.191E-06	5.697E-06	2.988E-06					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E-05	8.033E-07	0.000E+00	1.638E-06
2.987E-06	3.560E-06	5.351E-06	7.126E-06					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.116E-06	0.000E+00	1.126E-05	5.790E-05
8.610E-04	2.229E-05	5.288E-05	1.192E-05					

TOTAL DOSE COMMITMENT IS 5.815E-03 PERSON-REM/YR



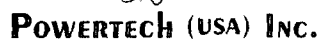
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EFFECTIV	EXPOSURE PATHWAY IS CLOUD	EXPOSED ORGAN IS

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.301E-04	2.294E-03	5.034E-04
1.708E-04	1.325E-04	1.665E-04	2.050E-04					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.194E-04	8.221E-05	4.037E-04
3.196E-04	8.836E-04	2.417E-03	9.879E-04					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.567E-04	1.348E-04	3.001E-03
1.728E-02	1.368E-03	5.167E-03	8.060E-03					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.486E-03	1.814E-03
9.885E-05	2.663E-04	7.873E-04	1.311E-03					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.672E-04	6.380E-04	4.628E-03
3.186E-02	1.490E-03	3.044E-04	3.441E-04					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.011E-04	5.003E-04	1.003E-03
3.249E-03	1.425E-03	9.122E-04	7.315E-04					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.934E-04	9.827E-03	3.607E-04
4.861E-04	1.452E-04	1.298E-04	2.868E-04					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.821E-04	1.248E-03	2.540E-02	1.367E-03
1.352E-04	4.497E-04	2.415E-04	2.997E-04					
S	0.000E+00	2.074E-04	0.000E+00	0.000E+00	1.483E-03	0.000E+00	2.727E-04	1.555E-04
3.393E-04	2.902E-05	1.973E-04	4.199E-04					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.191E-04	3.485E-04	0.000E+00	3.156E-05
2.196E-05	2.043E-04	1.337E-04	2.459E-04					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.749E-04
1.181E-04	1.023E-04	8.720E-05	1.860E-04					
WSW	0.000E+00	0.000E+00	9.933E-04	0.000E+00	0.000E+00	4.195E-04	1.489E-04	9.869E-05
1.838E-05	9.650E-05	2.167E-05	1.980E-05					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.212E-05
4.377E-05	0.000E+00	5.943E-05	4.019E-05					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.200E-04	1.121E-04	1.815E-05	1.145E-05
7.331E-05	1.767E-04	1.434E-04	6.709E-05					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.931E-04	4.433E-05	0.000E+00	6.322E-05
9.871E-05	1.025E-04	1.361E-04	1.621E-04					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-04	0.000E+00	5.039E-04	2.139E-03
2.689E-02	6.006E-04	1.249E-03	2.500E-04					

TOTAL DOSE COMMITMENT IS 1.809E-01 PERSON-REM/YR



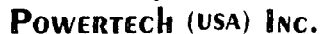
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EFFECTIV	EXPOSURE PATHWAY IS VEG. ING	EXPOSED ORGAN IS

[illegible][illegible]

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

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



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TIME STEP NUMBER 1.

EXPOSED ORGAN IS BONE

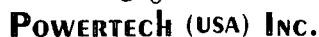
DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

[illegible]

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

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



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EFFECTIV	EXPOSURE PATHWAY IS MEAT ING	EXPOSED ORGAN IS

[illegible][illegible]

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

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



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DURATION IN YRS

EXPOSED ORGAN IS BONE

REM/YEAR

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

[illegible]

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

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



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EFFECTIV EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS

[illegible][illegible]

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

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



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EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS BONE

[illegible][illegible]

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

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



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SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 1--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS. PERSON-REM/YEAR

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER

1.888E-01	INHAL. 2.090E+01	6.465E-02	5.237E-01	8.346E-03	3.928E-01
5.815E-03	GROUND 5.815E-03	5.815E-03	5.815E-03	5.815E-03	5.815E-03
1.809E-01	CLOUD 1.809E-01	1.809E-01	1.809E-01	1.809E-01	1.809E-01
0.000E+00	VEG. ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MEAT ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MILK ING 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	RNPLUS50 0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

3.755E-01	TOTALS 2.108E+01	2.513E-01	7.104E-01	1.950E-01	5.794E-01

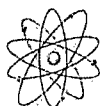
KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
0.000E+00	INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7.984E+00	RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
7.984E+00	TOTALS	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE.	AVG. LUNG	LIVER



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<hr/>					
1.888E-01	INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01
	2.090E+01				
	GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03
5.815E-03	5.815E-03				
	CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01
1.809E-01	1.809E-01				
	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
	RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
<hr/>					
	TOTALS	8.236E+00	1.096E+02	2.010E+00	8.564E+00
8.360E+00	7.189E+01				



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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DURATION IN YRS

IS... 5.0

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					

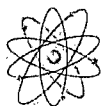
1	CPP N	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
1	CPP N	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
1	CPP N	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
1	CPP N	4	0.000E+00	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	CPP NNE	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	CPP NNE	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	CPP NNE	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	CPP NNE	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	CPP NE	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	CPP NE	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	CPP NE	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	CPP NE	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	CPP ENE	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	CPP ENE	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	CPP ENE	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	CPP ENE	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	CPP E	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	CPP E	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	CPP E	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	CPP E	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					



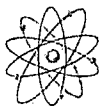
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CONCENTRATION TOTALS			0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					

6 CPP ESE		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 CPP ESE		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 CPP ESE		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 CPP ESE		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 CPP SSE		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 CPP SSE		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 CPP SSE		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 CPP SSE		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 CPP SE		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 CPP SE		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 CPP SE		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 CPP SE		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					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 25
02/23/09
DURATION IN YRS

IS... 5.0

GROUND CONCENTRATIONS, PCI/M2			INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS				
NO.	NAME	PTSZ	U-238	Th-230	Ra-226	Pb-210	U-238
Th-230	Ra-226	Pb-210					

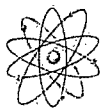
9 CPP S		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
9 CPP S		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
9 CPP S		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
9 CPP S		4	0.000E+00	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 CPP SSW		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 CPP SSW		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 CPP SSW		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 CPP SSW		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 CPP SW		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 CPP SW		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 CPP SW		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 CPP SW		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 CPP WSW		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 CPP WSW		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 CPP WSW		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 CPP WSW		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 CPP W		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 CPP W		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 CPP W		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 CPP W		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					



POWERTECH (USA) Inc.

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 CPP WNW		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 CPP WNW		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 CPP WNW		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 CPP WNW		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 CPP NW		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 CPP NW		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 CPP NW		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 CPP NW		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 CPP NNW		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 CPP NNW		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 CPP NNW		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 CPP NNW		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					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 26
02/23/09
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

GROUND CONCENTRATIONS, PCI/M2			U-238	Th-230	Ra-226	Pb-210	U-238
NO.	NAME	PTSZ					
Th-230	Ra-226	Pb-210					

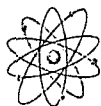
17 SF N		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
17 SF N		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
17 SF N		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
17 SF N		4	0.000E+00	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 SF NNE		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 SF NNE		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 SF NNE		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 SF NNE		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 SF NE		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 SF NE		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 SF NE		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 SF NE		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 SF ENE		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 SF ENE		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 SF ENE		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 SF ENE		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					

21 SF E		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					
21 SF E		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					
21 SF E		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					
21 SF E		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					



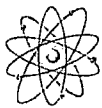
POWERTECH (USA) Inc.

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					

22 SF SSE		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					
22 SF SSE		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					
22 SF SSE		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					
22 SF SSE		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					

23 SF SE		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					
23 SF SE		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					
23 SF SE		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					
23 SF SE		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					

24 SF S		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					
24 SF S		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					
24 SF S		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					
24 SF S		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					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
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TIME STEP NUMBER 1,

PAGE 27
02/23/09
DURATION IN YRS

IS... 5.0

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					

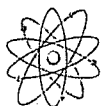
25 SF SSW		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
25 SF SSW		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
25 SF SSW		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
25 SF SSW		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					

26 SF SW		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					
26 SF SW		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					
26 SF SW		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					
26 SF SW		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					

27 SF WSW		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					
27 SF WSW		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					
27 SF WSW		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					
27 SF WSW		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					

28 SF W		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					
28 SF W		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					
28 SF W		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					
28 SF W		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					

29 SF WNW		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					
29 SF WNW		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					
29 SF WNW		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					
29 SF WNW		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					



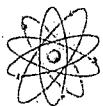
POWERTECH (USA) INC.

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					

30 SF NW		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				
30 SF NW		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				
30 SF NW		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				
30 SF NW		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				

31 SF NNW		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				
31 SF NNW		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				
31 SF NNW		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				
31 SF NNW		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				

32 SF ESE		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				
32 SF ESE		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				
32 SF ESE		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				
32 SF ESE		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				



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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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					

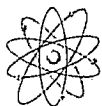
33 Daniels Ranch		1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
33 Daniels Ranch		2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
33 Daniels Ranch		3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
33 Daniels Ranch		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					

34 Spencer Ranch		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					
34 Spencer Ranch		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					
34 Spencer Ranch		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					
34 Spencer Ranch		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					

35 BC Ranch		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					
35 BC Ranch		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					
35 BC Ranch		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					
35 BC Ranch		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					

36 Puttman Ranch		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					
36 Puttman Ranch		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					
36 Puttman Ranch		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					
36 Puttman Ranch		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					

37 Englebert Ranch		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					
37 Englebert Ranch		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					
37 Englebert Ranch		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					
37 Englebert Ranch		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					



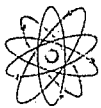
POWERTECH (USA) Inc.

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					

38 Burdock School	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
38 Burdock School	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
38 Burdock School	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
38 Burdock School	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
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					

39 Heck Ranch	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
39 Heck Ranch	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
39 Heck Ranch	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
39 Heck Ranch	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
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					

40 Edgemont	1	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
40 Edgemont	2	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
40 Edgemont	3	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
40 Edgemont	4	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00					
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					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
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CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 1,

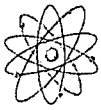
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DURATION IN YRS

IS... 5.0

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					

41	Background	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					
41	Background	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					
41	Background	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					
41	Background	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					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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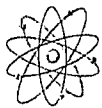
DURATION IN YRS

IS... 5.0

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

GROUND CONCENTRATIONS, PCI/M2

NO.	Rn-222	Po-218	Pb-214	Bi-214	Pb-210	Bi-210	Po-210	WL	Po-218
Pb-214	Bi-214	Pb-210							
1	1.291E+01	1.288E+01	1.043E+01	8.061E+00	2.086E-05	5.920E-08	4.717E-12	9.621E-05	
1.020E+01	1.020E+01	1.020E+01	8.844E+00						
2	1.071E+01	1.070E+01	8.949E+00	7.133E+00	2.169E-05	7.509E-08	7.492E-12	8.300E-05	
8.477E+00	8.477E+00	8.477E+00	9.198E+00						
3	1.815E+01	1.802E+01	1.216E+01	7.896E+00	2.277E-05	9.245E-08	1.097E-11	1.096E-04	
1.427E+01	1.427E+01	1.427E+01	9.656E+00						
4	1.310E+01	1.305E+01	9.394E+00	6.493E+00	2.411E-05	1.269E-07	1.929E-11	8.529E-05	
1.034E+01	1.034E+01	1.034E+01	1.022E+01						
5	2.224E+01	2.158E+01	1.126E+01	6.548E+00	2.525E-05	1.444E-07	2.345E-11	1.038E-04	
1.709E+01	1.709E+01	1.709E+01	1.071E+01						
6	4.589E+01	4.303E+01	1.808E+01	8.724E+00	3.023E-05	1.799E-07	3.082E-11	1.685E-04	
3.408E+01	3.408E+01	3.408E+01	1.282E+01						
7	3.935E+01	3.916E+01	2.752E+01	1.795E+01	5.151E-05	2.514E-07	3.890E-11	2.468E-04	
3.102E+01	3.102E+01	3.102E+01	2.184E+01						
8	4.688E+01	4.611E+01	2.836E+01	1.663E+01	4.686E-05	2.550E-07	4.440E-11	2.533E-04	
3.652E+01	3.652E+01	3.652E+01	1.987E+01						
9	2.845E+01	2.843E+01	2.330E+01	1.792E+01	6.303E-05	3.075E-07	4.591E-11	2.142E-04	
2.252E+01	2.252E+01	2.252E+01	2.673E+01						
10	2.047E+01	2.047E+01	1.802E+01	1.521E+01	6.580E-05	3.278E-07	4.604E-11	1.692E-04	
1.621E+01	1.621E+01	1.621E+01	2.790E+01						
11	1.757E+01	1.757E+01	1.604E+01	1.423E+01	6.340E-05	2.895E-07	3.566E-11	1.525E-04	
1.392E+01	1.392E+01	1.392E+01	2.688E+01						
12	2.159E+01	2.153E+01	1.823E+01	1.508E+01	4.915E-05	1.672E-07	1.539E-11	1.708E-04	
1.705E+01	1.705E+01	1.705E+01	2.084E+01						
13	2.524E+01	2.507E+01	1.989E+01	1.545E+01	4.020E-05	1.113E-07	8.418E-12	1.843E-04	
1.986E+01	1.986E+01	1.986E+01	1.704E+01						
14	2.687E+01	2.659E+01	1.973E+01	1.416E+01	2.957E-05	6.842E-08	4.454E-12	1.802E-04	
2.106E+01	2.106E+01	2.106E+01	1.254E+01						
15	3.148E+01	3.045E+01	1.732E+01	9.495E+00	1.473E-05	3.442E-08	2.740E-12	1.546E-04	
2.412E+01	2.412E+01	2.412E+01	6.245E+00						
16	1.287E+01	1.278E+01	9.745E+00	7.102E+00	1.720E-05	4.946E-08	4.179E-12	8.906E-05	
1.012E+01	1.012E+01	1.012E+01	7.294E+00						
17	1.485E+01	1.477E+01	9.790E+00	5.896E+00	1.484E-05	7.464E-08	1.256E-11	8.683E-05	
1.169E+01	1.169E+01	1.169E+01	6.293E+00						
18	1.430E+01	1.423E+01	9.421E+00	5.673E+00	1.514E-05	7.499E-08	1.184E-11	8.358E-05	
1.127E+01	1.127E+01	1.127E+01	6.417E+00						
19	9.273E+00	9.261E+00	7.438E+00	5.548E+00	1.806E-05	8.117E-08	1.114E-11	6.794E-05	
7.335E+00	7.335E+00	7.335E+00	7.656E+00						
20	2.163E+01	2.102E+01	9.170E+00	4.322E+00	1.114E-05	4.812E-08	6.131E-12	8.427E-05	
1.665E+01	1.665E+01	1.665E+01	4.722E+00						
21	3.005E+01	2.819E+01	1.242E+01	5.807E+00	1.147E-05	3.964E-08	4.321E-12	1.137E-04	
2.233E+01	2.233E+01	2.233E+01	4.864E+00						
22	2.881E+01	2.876E+01	2.349E+01	1.800E+01	4.244E-05	1.083E-07	7.783E-12	2.158E-04	
2.278E+01	2.278E+01	2.278E+01	1.799E+01						
23	3.572E+01	3.523E+01	2.448E+01	1.603E+01	2.774E-05	5.779E-08	3.706E-12	2.202E-04	
2.791E+01	2.791E+01	2.791E+01	1.176E+01						
24	2.101E+01	2.101E+01	1.820E+01	1.480E+01	4.195E-05	1.294E-07	1.154E-11	1.691E-04	
1.664E+01	1.664E+01	1.664E+01	1.779E+01						
25	1.919E+01	1.918E+01	1.453E+01	9.778E+00	2.076E-05	6.840E-08	8.192E-12	1.299E-04	
1.519E+01	1.519E+01	1.519E+01	8.803E+00						
26	1.359E+01	1.355E+01	9.853E+00	6.497E+00	1.613E-05	6.890E-08	1.022E-11	8.815E-05	
1.074E+01	1.074E+01	1.074E+01	6.839E+00						
27	1.293E+01	1.266E+01	7.922E+00	4.812E+00	1.365E-05	7.071E-08	1.172E-11	7.115E-05	
1.003E+01	1.003E+01	1.003E+01	5.789E+00						
28	8.772E+00	8.641E+00	6.092E+00	4.287E+00	1.488E-05	8.475E-08	1.547E-11	5.578E-05	
6.844E+00	6.844E+00	6.844E+00	6.311E+00						



POWERTECH (USA) Inc.

29 7.502E+00 7.441E+00 5.413E+00 3.869E+00 1.426E-05 8.570E-08 1.630E-11 4.954E-05
5.894E+00 5.894E+00 5.894E+00 6.046E+00
30 9.708E+00 9.575E+00 6.402E+00 4.193E+00 1.373E-05 7.983E-08 1.470E-11 5.796E-05
7.584E+00 7.584E+00 7.584E+00 5.821E+00
31 1.616E+01 1.584E+01 8.855E+00 4.754E+00 1.261E-05 6.904E-08 1.188E-11 7.894E-05
1.254E+01 1.254E+01 1.254E+01 5.348E+00
32 4.841E+01 4.624E+01 2.123E+01 9.407E+00 1.299E-05 3.433E-08 3.239E-12 1.904E-04
3.662E+01 3.662E+01 3.662E+01 5.506E+00
33 2.186E+01 2.141E+01 1.083E+01 6.301E+00 2.446E-05 1.341E-07 2.054E-11 1.005E-04
1.695E+01 1.695E+01 1.695E+01 1.037E+01
34 2.538E+01 2.506E+01 1.805E+01 1.268E+01 2.556E-05 5.768E-08 3.680E-12 1.646E-04
1.985E+01 1.985E+01 1.985E+01 1.084E+01
35 9.755E+00 9.569E+00 6.264E+00 4.097E+00 1.347E-05 7.716E-08 1.399E-11 5.690E-05
7.579E+00 7.579E+00 7.579E+00 5.713E+00
36 7.446E+00 7.446E+00 6.526E+00 5.463E+00 2.320E-05 1.338E-07 2.484E-11 6.113E-05
5.898E+00 5.898E+00 5.898E+00 9.836E+00
37 2.007E+01 2.008E+01 1.851E+01 1.655E+01 8.809E-05 5.464E-07 9.988E-11 1.762E-04
1.590E+01 1.590E+01 1.590E+01 3.735E+01
38 1.888E+01 1.887E+01 1.676E+01 1.446E+01 5.834E-05 2.459E-07 2.811E-11 1.584E-04
1.495E+01 1.495E+01 1.495E+01 2.473E+01
39 1.699E+01 1.700E+01 1.603E+01 1.492E+01 1.029E-04 7.766E-07 1.701E-10 1.545E-04
1.346E+01 1.346E+01 1.346E+01 4.363E+01
40 4.011E+00 4.014E+00 3.946E+00 3.852E+00 9.855E-05 2.343E-06 1.432E-09 3.851E-05
3.179E+00 3.179E+00 3.179E+00 4.179E+01
41 1.149E+01 1.149E+01 1.100E+01 1.035E+01 5.828E-05 3.092E-07 4.274E-11 1.062E-04
9.101E+00 9.101E+00 9.101E+00 2.471E+01



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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DURATION IN YRS

IS... 5.0

NUMBER 1 NAME=CPP N X= 0.0KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=1

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.16E-01	INFANT 1.62E+01	TOTALS	1.07E+00	1.05E-01	9.44E-02	1.52E-01
1.07E-01	CHILD 1.62E+01	TOTALS	1.06E+00	1.12E-01	9.69E-02	1.22E-01
1.03E-01	TEENAGE 1.62E+01	TOTALS	1.06E+00	1.31E-01	9.86E-02	1.10E-01
1.04E-01	ADULT 1.62E+01	TOTALS	1.07E+00	1.30E-01	1.01E-01	1.10E-01

NUMBER 2 NAME=CPP NNE X= 1.1KM, Y= 2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=1

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

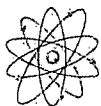
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

1.06E-01	INFANT	TOTALS	8.89E-01	9.39E-02	8.32E-02	1.43E-01
	1.35E+01					
9.58E-02	CHILD	TOTALS	8.88E-01	1.02E-01	8.58E-02	1.12E-01
	1.35E+01					
9.20E-02	TEENAGE	TOTALS	8.89E-01	1.22E-01	8.76E-02	9.89E-02
	1.35E+01					
9.29E-02	ADULT	TOTALS	8.89E-01	1.20E-01	8.98E-02	9.93E-02
	1.35E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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IS... 5.0

NUMBER 3 NAME=CPP NE X= 1.2KM, Y= 1.2KM, Z= 0.0M, DIST= 1.6KM, IRTYPE=
1

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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

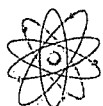
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	1.46E+00	1.07E-01	9.61E-02	1.59E-01
1.20E-01	2.28E+01					
	CHILD	TOTALS	1.46E+00	1.15E-01	9.88E-02	1.27E-01
1.09E-01	2.28E+01					
	TEENAGE	TOTALS	1.46E+00	1.36E-01	1.01E-01	1.13E-01
1.05E-01	2.28E+01					
	ADULT	TOTALS	1.46E+00	1.35E-01	1.03E-01	1.13E-01
1.06E-01	2.28E+01					

NUMBER 4 NAME=CPP ENE X= 2.6KM, Y= 1.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=
1

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

1.03E-01	INFANT	TOTALS	1.06E+00	9.00E-02	7.82E-02	1.44E-01
	1.64E+01					
	CHILD	TOTALS	1.06E+00	9.87E-02	8.11E-02	1.10E-01
9.22E-02	1.64E+01					
	TEENAGE	TOTALS	1.06E+00	1.21E-01	8.30E-02	9.56E-02
8.79E-02	1.64E+01					
	ADULT	TOTALS	1.06E+00	1.19E-01	8.55E-02	9.60E-02
8.89E-02	1.64E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 1,

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IS... 5.0

NUMBER 5 NAME=CPP E
1

X= 2.6KM, Y= 0.0KM, Z= 0.0M, DIST= 2.6KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	1.75E+00	9.49E-02	8.26E-02	1.52E-01
1.09E-01	2.79E+01					
	CHILD	TOTALS	1.75E+00	1.04E-01	8.56E-02	1.16E-01
9.73E-02	2.79E+01					
	TEENAGE	TOTALS	1.75E+00	1.27E-01	8.77E-02	1.01E-01
9.27E-02	2.79E+01					
	ADULT	TOTALS	1.75E+00	1.26E-01	9.02E-02	1.01E-01
9.38E-02	2.79E+01					

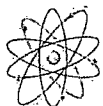
NUMBER 6 NAME=CPP ESE
1

X= 2.5KM, Y= -1.0KM, Z= 0.0M, DIST= 2.7KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

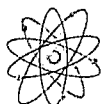
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

1.48E-01	INFANT	TOTALS	3.56E+00	1.31E-01	1.16E-01	1.99E-01
	5.75E+01					
1.34E-01	CHILD	TOTALS	3.56E+00	1.42E-01	1.20E-01	1.57E-01
	5.75E+01					
1.28E-01	TEENAGE	TOTALS	3.56E+00	1.70E-01	1.22E-01	1.38E-01
	5.75E+01					
1.30E-01	ADULT	TOTALS	3.56E+00	1.68E-01	1.25E-01	1.38E-01
	5.75E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

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IS... 5.0

NUMBER 7 NAME=CPP SSE
1

X= 0.9KM, Y= -2.3KM, Z= 0.0M, DIST= 2.4KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	3.18E+00	2.43E-01	2.18E-01	3.60E-01
2.71E-01	4.94E+01					
	CHILD	TOTALS	3.17E+00	2.62E-01	2.24E-01	2.87E-01
2.48E-01	4.94E+01					
	TEENAGE	TOTALS	3.17E+00	3.09E-01	2.28E-01	2.55E-01
2.39E-01	4.94E+01					
	ADULT	TOTALS	3.18E+00	3.06E-01	2.34E-01	2.56E-01
2.41E-01	4.94E+01					

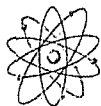
NUMBER 8 NAME=CPP SE
1

X= 2.1KM, Y= -2.1KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

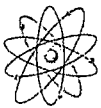
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

2.56E-01	INFANT	TOTALS	3.73E+00	2.30E-01	2.07E-01	3.36E-01
	5.88E+01					
2.34E-01	CHILD	TOTALS	3.73E+00	2.47E-01	2.13E-01	2.70E-01
	5.88E+01					
2.26E-01	TEENAGE	TOTALS	3.73E+00	2.90E-01	2.17E-01	2.41E-01
	5.88E+01					
2.28E-01	ADULT	TOTALS	3.73E+00	2.87E-01	2.21E-01	2.42E-01
	5.88E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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DURATION IN YRS

IS... 5.0

NUMBER 9 NAME=CPP S
1

X= 0.0KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.76E-01	INFANT 3.58E+01	TOTALS	2.35E+00	2.42E-01	2.11E-01	3.84E-01
2.47E-01	CHILD 3.58E+01	TOTALS	2.35E+00	2.64E-01	2.18E-01	2.95E-01
2.36E-01	TEENAGE 3.58E+01	TOTALS	2.35E+00	3.22E-01	2.24E-01	2.57E-01
2.39E-01	ADULT 3.58E+01	TOTALS	2.35E+00	3.18E-01	2.30E-01	2.57E-01

NUMBER 10 NAME=CPP SSW
1

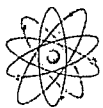
X= -1.1KM, Y= -2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

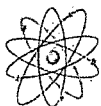
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

2.45E-01	INFANT	TOTALS	1.72E+00	2.09E-01	1.77E-01	3.58E-01
	2.58E+01					
	CHILD	TOTALS	1.72E+00	2.33E-01	1.85E-01	2.65E-01
2.15E-01	2.58E+01					
	TEENAGE	TOTALS	1.72E+00	2.93E-01	1.90E-01	2.24E-01
2.03E-01	2.58E+01					
	ADULT	TOTALS	1.72E+00	2.89E-01	1.97E-01	2.25E-01
2.06E-01	2.58E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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DURATION IN YRS

IS... 5.0

NUMBER 11 NAME=CPP SW
1

X= -2.4KM, Y= -2.4KM, Z= 0.0M, DIST= 3.4KM, IRTYPE=

MREM/YR

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.30E-01	INFANT 2.21E+01	TOTALS	1.49E+00	1.95E-01	1.64E-01	3.38E-01
2.01E-01	CHILD 2.21E+01	TOTALS	1.49E+00	2.18E-01	1.72E-01	2.49E-01
1.89E-01	TEENAGE 2.21E+01	TOTALS	1.49E+00	2.76E-01	1.77E-01	2.10E-01
1.92E-01	ADULT 2.21E+01	TOTALS	1.49E+00	2.72E-01	1.83E-01	2.11E-01

NUMBER 12 NAME=CPP WSW
1

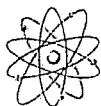
X= -2.4KM, Y= -0.9KM, Z= 0.0M, DIST= 2.5KM, IRTYPE=

MREM/YR

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

2.26E-01	INFANT	TOTALS	1.80E+00	1.99E-01	1.75E-01	3.10E-01
	2.72E+01					
	CHILD	TOTALS	1.80E+00	2.17E-01	1.81E-01	2.41E-01
2.04E-01	2.72E+01					
	TEENAGE	TOTALS	1.80E+00	2.62E-01	1.85E-01	2.11E-01
1.95E-01	2.72E+01					
	ADULT	TOTALS	1.80E+00	2.59E-01	1.90E-01	2.11E-01
1.97E-01	2.72E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 37
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 13 NAME=CPP W
1

X= -2.3KM, Y= 0.0KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=

MREM/YR

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

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

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.23E-01	INFANT	TOTALS	2.08E+00	2.01E-01	1.81E-01	2.91E-01
	3.17E+01					
2.04E-01	CHILD	TOTALS	2.08E+00	2.15E-01	1.86E-01	2.35E-01
	3.17E+01					
1.97E-01	TEENAGE	TOTALS	2.08E+00	2.52E-01	1.89E-01	2.10E-01
	3.17E+01					
1.99E-01	ADULT	TOTALS	2.08E+00	2.49E-01	1.93E-01	2.11E-01
	3.17E+01					

NUMBER 14 NAME=CPP WNW
1

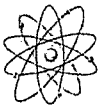
X= -2.3KM, Y= 0.9KM, Z= 0.0M, DIST= 2.4KM, IRTYPE=

MREM/YR

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

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

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



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.99E-01	INFANT 3.37E+01	TOTALS	2.19E+00	1.82E-01	1.68E-01	2.49E-01
1.85E-01	CHILD 3.37E+01	TOTALS	2.19E+00	1.93E-01	1.72E-01	2.08E-01
1.80E-01	TEENAGE 3.37E+01	TOTALS	2.19E+00	2.20E-01	1.74E-01	1.89E-01
1.81E-01	ADULT 3.37E+01	TOTALS	2.19E+00	2.18E-01	1.77E-01	1.90E-01



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 15 NAME=CPP NW
1

X= -2.5KM, Y= 2.5KM, Z= 0.0M, DIST= 3.6KM, IRTYPE=

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

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

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.35E-01	INFANT	TOTALS	2.48E+00	1.27E-01	1.20E-01	1.60E-01
	3.95E+01					
1.28E-01	CHILD	TOTALS	2.48E+00	1.32E-01	1.22E-01	1.40E-01
	3.95E+01					
1.26E-01	TEENAGE	TOTALS	2.48E+00	1.46E-01	1.23E-01	1.31E-01
	3.95E+01					
1.26E-01	ADULT	TOTALS	2.48E+00	1.45E-01	1.24E-01	1.31E-01
	3.95E+01					

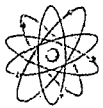
NUMBER 16 NAME=CPP NNW
1

X= -1.4KM, Y= 3.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=

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

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

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



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
1.02E-01	INFANT 1.62E+01	TOTALS	1.05E+00	9.25E-02	8.41E-02	1.31E-01
9.41E-02	CHILD 1.62E+01	TOTALS	1.05E+00	9.87E-02	8.62E-02	1.07E-01
9.10E-02	TEENAGE 1.62E+01	TOTALS	1.05E+00	1.15E-01	8.76E-02	9.66E-02
9.17E-02	ADULT 1.62E+01	TOTALS	1.05E+00	1.13E-01	8.93E-02	9.68E-02



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 17 NAME=SF N
1

X= -4.9KM, Y= 5.3KM, Z= 0.0M, DIST= 7.2KM, IRTYPE=

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

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

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

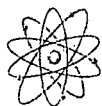
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
8.82E-02	INFANT	TOTALS	1.19E+00	8.01E-02	7.28E-02	1.14E-01
	1.86E+01					
8.14E-02	CHILD	TOTALS	1.19E+00	8.54E-02	7.46E-02	9.27E-02
	1.86E+01					
7.88E-02	TEENAGE	TOTALS	1.19E+00	9.90E-02	7.58E-02	8.35E-02
	1.86E+01					
7.94E-02	ADULT	TOTALS	1.19E+00	9.80E-02	7.73E-02	8.38E-02
	1.86E+01					

NUMBER 18 NAME=SF NNE
1 X= -4.2KM, Y= 5.3KM, Z= 0.0M, DIST= 6.7KM, IRTYPE=

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

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

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



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER

8.58E-02	INFANT 1.79E+01	TOTALS	1.14E+00	7.75E-02	7.01E-02	1.12E-01
7.89E-02	CHILD 1.79E+01	TOTALS	1.14E+00	8.30E-02	7.19E-02	9.04E-02
7.62E-02	TEENAGE 1.79E+01	TOTALS	1.14E+00	9.68E-02	7.31E-02	8.11E-02
7.68E-02	ADULT 1.79E+01	TOTALS	1.14E+00	9.58E-02	7.47E-02	8.13E-02



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 40
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 19 NAME=SF NE
1

X= -2.7KM, Y= 5.6KM, Z= 0.0M, DIST= 6.3KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
8.43E-02	INFANT 1.17E+01	TOTALS	7.63E-01	7.44E-02	6.56E-02	1.15E-01
7.61E-02	CHILD 1.17E+01	TOTALS	7.62E-01	8.09E-02	6.78E-02	8.98E-02
7.29E-02	TEENAGE 1.17E+01	TOTALS	7.63E-01	9.75E-02	6.92E-02	7.87E-02
7.36E-02	ADULT 1.17E+01	TOTALS	7.63E-01	9.63E-02	7.11E-02	7.89E-02

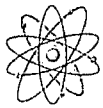
NUMBER 20 NAME=SF ENE
1

X= -3.3KM, Y= 4.0KM, Z= 0.0M, DIST= 5.2KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER

6.92E-02	INFANT	TOTALS	1.68E+00	6.30E-02	5.76E-02	8.82E-02
	2.71E+01					
6.41E-02	CHILD	TOTALS	1.68E+00	6.71E-02	5.89E-02	7.25E-02
	2.71E+01					
6.21E-02	TEENAGE	TOTALS	1.68E+00	7.73E-02	5.98E-02	6.57E-02
	2.71E+01					
6.25E-02	ADULT	TOTALS	1.68E+00	7.66E-02	6.10E-02	6.58E-02
	2.71E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 41
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 21 NAME=SF E
1

X= -3.0KM, Y= 3.4KM, Z= 0.0M, DIST= 4.5KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
8.92E-02	INFANT 3.76E+01	TOTALS	2.33E+00	8.29E-02	7.73E-02	1.09E-01
8.40E-02	CHILD 3.76E+01	TOTALS	2.33E+00	8.71E-02	7.87E-02	9.27E-02
8.19E-02	TEENAGE 3.76E+01	TOTALS	2.33E+00	9.76E-02	7.96E-02	8.56E-02
8.24E-02	ADULT 3.76E+01	TOTALS	2.33E+00	9.69E-02	8.08E-02	8.58E-02

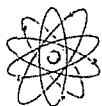
NUMBER 22 NAME=SF SSE
1

X= -3.5KM, Y= 0.2KM, Z= 0.0M, DIST= 3.6KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

2.55E-01	INFANT	TOTALS	2.38E+00	2.32E-01	2.11E-01	3.28E-01
	3.62E+01					
	CHILD	TOTALS	2.37E+00	2.47E-01	2.16E-01	2.68E-01
2.36E-01	3.62E+01					
	TEENAGE	TOTALS	2.38E+00	2.86E-01	2.19E-01	2.42E-01
2.28E-01	3.62E+01					
	ADULT	TOTALS	2.38E+00	2.83E-01	2.24E-01	2.42E-01
2.30E-01	3.62E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 42
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 23 NAME=SF SE
1

X= -2.8KM, Y= 1.3KM, Z= 0.0M, DIST= 3.1KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.22E-01	INFANT 4.48E+01	TOTALS	2.88E+00	2.07E-01	1.94E-01	2.70E-01
2.10E-01	CHILD 4.48E+01	TOTALS	2.88E+00	2.17E-01	1.97E-01	2.31E-01
2.05E-01	TEENAGE 4.48E+01	TOTALS	2.88E+00	2.43E-01	1.99E-01	2.14E-01
2.06E-01	ADULT 4.48E+01	TOTALS	2.88E+00	2.41E-01	2.02E-01	2.14E-01

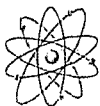
NUMBER 24 NAME=SF S
1

X= -4.9KM, Y= -0.3KM, Z= 0.0M, DIST= 4.9KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

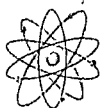
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

	INFANT	TOTALS	1.75E+00	1.92E-01	1.72E-01	2.87E-01
2.15E-01	2.64E+01					
	CHILD	TOTALS	1.75E+00	2.08E-01	1.77E-01	2.28E-01
1.96E-01	2.64E+01					
	TEENAGE	TOTALS	1.75E+00	2.46E-01	1.80E-01	2.02E-01
1.89E-01	2.64E+01					
	ADULT	TOTALS	1.75E+00	2.43E-01	1.85E-01	2.03E-01
1.91E-01	2.64E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 25 NAME=SF SSW
1

X= -5.7KM, Y= 1.4KM, Z= 0.0M, DIST= 5.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.39E-01	INFANT 2.41E+01	TOTALS	1.56E+00	1.28E-01	1.17E-01	1.75E-01
1.29E-01	CHILD 2.41E+01	TOTALS	1.56E+00	1.35E-01	1.20E-01	1.45E-01
1.26E-01	TEENAGE 2.41E+01	TOTALS	1.56E+00	1.54E-01	1.22E-01	1.32E-01
1.27E-01	ADULT 2.41E+01	TOTALS	1.56E+00	1.53E-01	1.24E-01	1.33E-01

NUMBER 26 NAME=SF SW
1

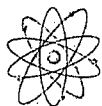
X= -6.3KM, Y= 2.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

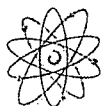
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER

9.53E-02	INFANT	TOTALS	1.10E+00	8.64E-02	7.85E-02	1.23E-01
	1.71E+01					
	CHILD	TOTALS	1.10E+00	9.22E-02	8.05E-02	1.00E-01
8.79E-02	1.71E+01					
	TEENAGE	TOTALS	1.10E+00	1.07E-01	8.18E-02	9.02E-02
8.50E-02	1.71E+01					
	ADULT	TOTALS	1.10E+00	1.06E-01	8.34E-02	9.04E-02
8.57E-02	1.71E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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DURATION IN YRS

IS... 5.0

NUMBER 27 NAME=SF WSW X= -6.2KM, Y= 2.9KM, Z= 0.0M, DIST= 6.9KM, IRTYPE=
1

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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

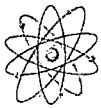
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	1.03E+00	6.62E-02	5.95E-02	9.70E-02
7.37E-02	1.62E+01					
	CHILD	TOTALS	1.03E+00	7.11E-02	6.11E-02	7.78E-02
6.74E-02	1.62E+01					
	TEENAGE	TOTALS	1.03E+00	8.36E-02	6.22E-02	6.94E-02
6.50E-02	1.62E+01					
	ADULT	TOTALS	1.03E+00	8.27E-02	6.36E-02	6.96E-02
6.55E-02	1.62E+01					

NUMBER 28 NAME=SF W X= -7.0KM, Y= 3.4KM, Z= 0.0M, DIST= 7.8KM, IRTYPE=
1

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

6.69E-02	INFANT	TOTALS	7.11E-01	5.87E-02	5.14E-02	9.24E-02
	1.10E+01					
6.01E-02	CHILD	TOTALS	7.11E-01	6.41E-02	5.32E-02	7.14E-02
	1.10E+01					
5.74E-02	TEENAGE	TOTALS	7.11E-01	7.77E-02	5.44E-02	6.22E-02
	1.10E+01					
5.80E-02	ADULT	TOTALS	7.11E-01	7.68E-02	5.59E-02	6.24E-02
	1.10E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 29 NAME=SF WNW
1

X= -7.0KM, Y= 4.2KM, Z= 0.0M, DIST= 8.2KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
6.11E-02	INFANT 9.42E+00	TOTALS	6.11E-01	5.33E-02	4.63E-02	8.55E-02
5.46E-02	CHILD 9.42E+00	TOTALS	6.10E-01	5.84E-02	4.80E-02	6.54E-02
5.20E-02	TEENAGE 9.42E+00	TOTALS	6.11E-01	7.15E-02	4.92E-02	5.66E-02
5.26E-02	ADULT 9.42E+00	TOTALS	6.11E-01	7.05E-02	5.06E-02	5.68E-02

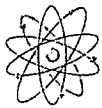
NUMBER 30 NAME=SF NW
1

X= -6.2KM, Y= 4.7KM, Z= 0.0M, DIST= 7.8KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

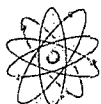
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

6.53E-02	INFANT	TOTALS	7.81E-01	5.77E-02	5.10E-02	8.88E-02
	1.22E+01					
	CHILD	TOTALS	7.80E-01	6.27E-02	5.27E-02	6.94E-02
5.90E-02	1.22E+01					
	TEENAGE	TOTALS	7.81E-01	7.53E-02	5.38E-02	6.10E-02
5.65E-02	1.22E+01					
	ADULT	TOTALS	7.81E-01	7.44E-02	5.52E-02	6.12E-02
5.71E-02	1.22E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 31 NAME=SF NNW
1

X= -5.4KM, Y= 4.7KM, Z= 0.0M, DIST= 7.1KM, IRTYPE=

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

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

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
7.37E-02	INFANT	TOTALS	1.27E+00	6.68E-02	6.06E-02	9.53E-02
	2.03E+01					
6.80E-02	CHILD	TOTALS	1.27E+00	7.13E-02	6.21E-02	7.75E-02
	2.03E+01					
6.57E-02	TEENAGE	TOTALS	1.27E+00	8.29E-02	6.32E-02	6.98E-02
	2.03E+01					
6.62E-02	ADULT	TOTALS	1.27E+00	8.21E-02	6.44E-02	6.99E-02
	2.03E+01					

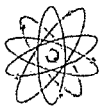
NUMBER 32 NAME=SF ESE
1

X= -3.0KM, Y= 2.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=

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

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

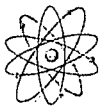
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

	INFANT	TOTALS	3.76E+00	1.33E-01	1.27E-01	1.62E-01
1.40E-01	6.06E+01					
	CHILD	TOTALS	3.76E+00	1.38E-01	1.28E-01	1.44E-01
1.34E-01	6.06E+01					
	TEENAGE	TOTALS	3.76E+00	1.50E-01	1.29E-01	1.36E-01
1.32E-01	6.06E+01					
	ADULT	TOTALS	3.76E+00	1.49E-01	1.31E-01	1.36E-01
1.32E-01	6.06E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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DURATION IN YRS

IS... 5.0

NUMBER 33 NAME=Daniels Ranch X= 2.1KM, Y= 0.0KM, Z= 0.0M, DIST= 2.1KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.05E-01	INFANT 2.74E+01	TOTALS	1.72E+00	9.15E-02	7.96E-02	1.47E-01
9.38E-02	CHILD 2.74E+01	TOTALS	1.72E+00	1.00E-01	8.25E-02	1.12E-01
8.94E-02	TEENAGE 2.74E+01	TOTALS	1.72E+00	1.23E-01	8.45E-02	9.73E-02
9.04E-02	ADULT 2.74E+01	TOTALS	1.72E+00	1.21E-01	8.70E-02	9.76E-02

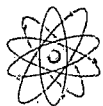
NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

1.78E-01	INFANT	TOTALS	2.06E+00	1.64E-01	1.51E-01	2.21E-01
	3.19E+01					
1.66E-01	CHILD	TOTALS	2.06E+00	1.73E-01	1.54E-01	1.85E-01
	3.19E+01					
1.61E-01	TEENAGE	TOTALS	2.06E+00	1.96E-01	1.56E-01	1.70E-01
	3.19E+01					
1.62E-01	ADULT	TOTALS	2.06E+00	1.95E-01	1.59E-01	1.70E-01
	3.19E+01					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 35 NAME=BC Ranch
1

X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	7.83E-01	5.65E-02	4.99E-02	8.70E-02
6.39E-02	1.22E+01					
	CHILD	TOTALS	7.83E-01	6.14E-02	5.15E-02	6.80E-02
5.77E-02	1.22E+01					
	TEENAGE	TOTALS	7.83E-01	7.37E-02	5.26E-02	5.97E-02
5.53E-02	1.22E+01					
	ADULT	TOTALS	7.83E-01	7.28E-02	5.40E-02	5.99E-02
5.59E-02	1.22E+01					

NUMBER 36 NAME=Puttman Ranch
1

X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
	INFANT	TOTALS	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	TOTALS	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					

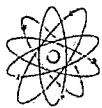
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

8.76E-02	INFANT	TOTALS	6.25E-01	7.49E-02	6.35E-02	1.27E-01
	9.37E+00					
	CHILD	TOTALS	6.24E-01	8.32E-02	6.63E-02	9.46E-02
7.70E-02	9.37E+00					
	TEENAGE	TOTALS	6.25E-01	1.05E-01	6.82E-02	8.03E-02
7.29E-02	9.37E+00					
	ADULT	TOTALS	6.25E-01	1.03E-01	7.06E-02	8.07E-02
7.38E-02	9.37E+00					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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DURATION IN YRS

IS... 5.0

NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.83E-01	INFANT 2.53E+01	TOTALS	1.71E+00	2.34E-01	1.91E-01	4.33E-01
2.42E-01	CHILD 2.53E+01	TOTALS	1.70E+00	2.66E-01	2.02E-01	3.09E-01
2.27E-01	TEENAGE 2.53E+01	TOTALS	1.71E+00	3.47E-01	2.09E-01	2.55E-01
2.30E-01	ADULT 2.53E+01	TOTALS	1.71E+00	3.41E-01	2.18E-01	2.56E-01

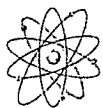
NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

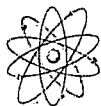
KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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



POWERTECH (USA) Inc.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER
2.28E-01	INFANT	TOTALS	1.59E+00	1.96E-01	1.67E-01	3.28E-01
	2.38E+01					
	CHILD	TOTALS	1.59E+00	2.17E-01	1.74E-01	2.45E-01
2.01E-01	2.38E+01					
	TEENAGE	TOTALS	1.59E+00	2.70E-01	1.79E-01	2.09E-01
1.91E-01	2.38E+01					
	ADULT	TOTALS	1.59E+00	2.66E-01	1.85E-01	2.10E-01
1.93E-01	2.38E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 39 NAME=Heck Ranch
1

X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
2.79E-01	INFANT 2.14E+01	TOTALS	1.46E+00	2.23E-01	1.73E-01	4.56E-01
2.32E-01	CHILD 2.14E+01	TOTALS	1.46E+00	2.60E-01	1.85E-01	3.10E-01
2.14E-01	TEENAGE 2.14E+01	TOTALS	1.46E+00	3.54E-01	1.93E-01	2.47E-01
2.18E-01	ADULT 2.14E+01	TOTALS	1.46E+00	3.48E-01	2.04E-01	2.49E-01

NUMBER 40 NAME=Edgemont
1

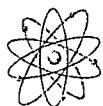
X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

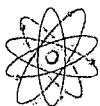
TOTAL ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR



POWERTECH (USA) INC.

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG. LUNG	LIVER

1.50E-01	INFANT	TOTALS	3.61E-01	9.61E-02	4.82E-02	3.19E-01
	5.06E+00					
	CHILD	TOTALS	3.57E-01	1.32E-01	5.98E-02	1.80E-01
1.05E-01	5.06E+00					
	TEENAGE	TOTALS	3.59E-01	2.22E-01	6.77E-02	1.19E-01
8.75E-02	5.06E+00					
	ADULT	TOTALS	3.61E-01	2.16E-01	7.78E-02	1.21E-01
9.16E-02	5.06E+00					



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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TIME STEP NUMBER 1,

DURATION IN YRS

IS... 5.0

NUMBER 41 NAME=Background
1

X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=

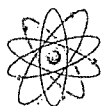
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
0.00E+00	INFANT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	CHILD 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	TEENAGE 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.00E+00	ADULT 0.00E+00	TOTALS	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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

KIDNEY	AGE BRONCHI	PATHWAY	EFFECTIV	BONE	AVG.LUNG	LIVER
1.79E-01	INFANT 1.45E+01	TOTALS	9.87E-01	1.47E-01	1.19E-01	2.79E-01
1.53E-01	CHILD 1.45E+01	TOTALS	9.85E-01	1.68E-01	1.26E-01	1.97E-01
1.42E-01	TEENAGE 1.45E+01	TOTALS	9.86E-01	2.22E-01	1.31E-01	1.61E-01
1.45E-01	ADULT 1.45E+01	TOTALS	9.87E-01	2.18E-01	1.36E-01	1.62E-01



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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IS...100.0
TIME STEP NUMBER 2,
DURATION IN YRS

DEGREES
CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0

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	2.015E+01	2.002E+01	1.361E+01
9.042E+00	2.174E-05	1.234E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.436E+01	1.432E+01	1.125E+01
8.437E+00	2.093E-05	1.032E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.149E+01	1.147E+01	9.714E+00
7.884E+00	2.270E-05	9.047E-05					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.391E+00	8.387E+00	7.481E+00
6.425E+00	2.245E-05	7.053E-05					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.867E+00	4.868E+00	4.674E+00
4.410E+00	2.687E-05	4.516E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.233E+00	2.234E+00	2.228E+00
2.211E+00	3.423E-05	2.185E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.265E+00	1.265E+00	1.269E+00
1.270E+00	3.703E-05	1.248E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.450E-01	8.455E-01	8.493E-01
8.516E-01	3.721E-05	8.353E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.188E-01	6.192E-01	6.222E-01
6.243E-01	3.672E-05	6.121E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.798E-01	4.801E-01	4.824E-01
4.841E-01	3.603E-05	4.746E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.865E-01	3.867E-01	3.886E-01
3.900E-01	3.530E-05	3.824E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.200E-01	3.202E-01	3.218E-01
3.229E-01	3.456E-05	3.166E-06					

GROUND SURFACE CONCENTRATIONS, PCI/M2							
XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210					
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.586E+01	
1.586E+01	1.586E+01	4.528E+01					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.134E+01	
1.134E+01	1.134E+01	4.361E+01					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.082E+00	
9.082E+00	9.082E+00	4.729E+01					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.643E+00	
6.643E+00	6.643E+00	4.675E+01					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.856E+00	
3.856E+00	3.856E+00	5.597E+01					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.770E+00	
1.770E+00	1.770E+00	7.130E+01					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.002E+00	
1.002E+00	1.002E+00	7.714E+01					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.696E-01	
6.696E-01	6.696E-01	7.752E+01					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.904E-01	
4.904E-01	4.904E-01	7.648E+01					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.802E-01	
3.802E-01	3.802E-01	7.505E+01					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.063E-01	
3.063E-01	3.063E-01	7.352E+01					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.536E-01	
2.536E-01	2.536E-01	7.199E+01					



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	6.521E-08
2.5	0.000E+00	0.000E+00	0.000E+00	6.280E-08
3.5	0.000E+00	0.000E+00	0.000E+00	6.811E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.734E-08
7.5	0.000E+00	0.000E+00	0.000E+00	8.061E-08
15.0	0.000E+00	0.000E+00	0.000E+00	1.027E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.111E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.116E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.101E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
65.0	0.000E+00	0.000E+00	0.000E+00	1.059E-07
75.0	0.000E+00	0.000E+00	0.000E+00	1.037E-07



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

DEGREES

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0

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	2.813E+01	2.707E+01	1.255E+01
6.714E+00	2.404E-05	1.166E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.110E+01	2.069E+01	1.098E+01
6.450E+00	2.509E-05	1.010E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.374E+01	1.359E+01	9.573E+00
6.680E+00	2.817E-05	8.744E-05					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.006E+01	1.002E+01	8.097E+00
6.398E+00	3.107E-05	7.523E-05					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.991E+00	4.991E+00	4.610E+00
4.237E+00	3.401E-05	4.432E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.277E+00	2.279E+00	2.222E+00
2.149E+00	3.731E-05	2.163E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.261E+00	1.262E+00	1.254E+00
1.237E+00	3.694E-05	1.227E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.466E-01	8.471E-01	8.469E-01
8.430E-01	3.602E-05	8.311E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.242E-01	6.245E-01	6.260E-01
6.254E-01	3.504E-05	6.150E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.870E-01	4.872E-01	4.889E-01
4.894E-01	3.412E-05	4.806E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.945E-01	3.947E-01	3.964E-01
3.972E-01	3.327E-05	3.898E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.284E-01	3.286E-01	3.300E-01
3.309E-01	3.248E-05	3.246E-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	2.144E+01	
2.144E+01	2.144E+01	5.007E+01					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.639E+01	
1.639E+01	1.639E+01	5.225E+01					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.076E+01	
1.076E+01	1.076E+01	5.868E+01					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.933E+00	
7.933E+00	7.933E+00	6.472E+01					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.953E+00	
3.953E+00	3.953E+00	7.085E+01					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.805E+00	
1.805E+00	1.805E+00	7.771E+01					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.993E-01	
9.993E-01	9.993E-01	7.695E+01					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.709E-01	
6.709E-01	6.709E-01	7.503E+01					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.947E-01	
4.947E-01	4.947E-01	7.300E+01					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.859E-01	
3.859E-01	3.859E-01	7.108E+01					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.127E-01	
3.127E-01	3.127E-01	6.930E+01					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.602E-01	
2.602E-01	2.602E-01	6.765E+01					



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	7.211E-08
2.5	0.000E+00	0.000E+00	0.000E+00	7.526E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.452E-08
4.5	0.000E+00	0.000E+00	0.000E+00	9.321E-08
7.5	0.000E+00	0.000E+00	0.000E+00	1.020E-07
15.0	0.000E+00	0.000E+00	0.000E+00	1.119E-07
25.0	0.000E+00	0.000E+00	0.000E+00	1.108E-07
35.0	0.000E+00	0.000E+00	0.000E+00	1.081E-07
45.0	0.000E+00	0.000E+00	0.000E+00	1.051E-07
55.0	0.000E+00	0.000E+00	0.000E+00	1.024E-07
65.0	0.000E+00	0.000E+00	0.000E+00	9.980E-08
75.0	0.000E+00	0.000E+00	0.000E+00	9.743E-08



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

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IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

DEGREES CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0

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	4.331E+01	4.292E+01	2.648E+01
1.553E+01	4.259E-05	2.364E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.186E+01	3.182E+01	2.485E+01
1.808E+01	5.789E-05	2.262E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E+01	2.482E+01	2.152E+01
1.772E+01	7.203E-05	2.008E-04					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.114E+01	2.115E+01	1.937E+01
1.715E+01	8.683E-05	1.840E-04					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.305E+01	1.306E+01	1.272E+01
1.225E+01	1.084E-04	1.236E-04					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	6.393E+00	6.370E+00
6.311E+00	1.198E-04	6.242E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E+00	3.550E+00	3.559E+00
3.558E+00	1.175E-04	3.497E-05					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.350E+00	2.352E+00	2.361E+00
2.367E+00	1.128E-04	2.322E-05					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.708E+00	1.709E+00	1.717E+00
1.722E+00	1.082E-04	1.689E-05					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.314E+00	1.315E+00	1.321E+00
1.326E+00	1.040E-04	1.300E-05					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.051E+00	1.052E+00	1.057E+00
1.060E+00	1.003E-04	1.040E-05					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.641E-01	8.646E-01	8.688E-01
8.719E-01	9.691E-05	8.548E-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	3.400E+01	
3.400E+01	3.400E+01	8.872E+01					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E+01	
2.520E+01	2.520E+01	1.206E+02					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.966E+01	
1.966E+01	1.966E+01	1.500E+02					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.675E+01	
1.675E+01	1.675E+01	1.809E+02					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.034E+01	
1.034E+01	1.034E+01	2.257E+02					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.063E+00	
5.063E+00	5.063E+00	2.495E+02					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.812E+00	
2.812E+00	2.812E+00	2.448E+02					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.863E+00	
1.863E+00	1.863E+00	2.350E+02					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.354E+00	
1.354E+00	1.354E+00	2.254E+02					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.042E+00	
1.042E+00	1.042E+00	2.167E+02					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.329E-01	
8.329E-01	8.329E-01	2.089E+02					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.848E-01	
6.848E-01	6.848E-01	2.019E+02					



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	1.278E-07
2.5	0.000E+00	0.000E+00	0.000E+00	1.737E-07
3.5	0.000E+00	0.000E+00	0.000E+00	2.161E-07
4.5	0.000E+00	0.000E+00	0.000E+00	2.605E-07
7.5	0.000E+00	0.000E+00	0.000E+00	3.251E-07
15.0	0.000E+00	0.000E+00	0.000E+00	3.593E-07
25.0	0.000E+00	0.000E+00	0.000E+00	3.526E-07
35.0	0.000E+00	0.000E+00	0.000E+00	3.385E-07
45.0	0.000E+00	0.000E+00	0.000E+00	3.246E-07
55.0	0.000E+00	0.000E+00	0.000E+00	3.121E-07
65.0	0.000E+00	0.000E+00	0.000E+00	3.009E-07
75.0	0.000E+00	0.000E+00	0.000E+00	2.907E-07



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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IS...100.0
TIME STEP NUMBER 2,
DURATION IN YRS

DEGREES
CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0

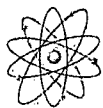
XRHO, KM		TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL						
Bi-214	U-238 Pb-210	Th-230 WL	Ra-226	Pb-210	Rn-222	Po-218	Pb-214	
1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.161E+01	2.118E+01	1.524E+01	
1.140E+01	3.217E-05	1.416E-04	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01	
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.592E+01	2.577E+01	2.064E+01	
1.607E+01	4.130E-05	1.911E-04	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01	
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.753E+01	2.749E+01	2.274E+01	
1.774E+01	4.408E-05	2.098E-04	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01	
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.420E+01	2.419E+01	2.026E+01	
1.583E+01	3.989E-05	1.867E-04	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00	
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.064E+00	8.066E+00	7.423E+00	
6.549E+00	2.777E-05	7.037E-05	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00	
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.813E+00	1.814E+00	1.740E+00	
1.662E+00	2.181E-05	1.689E-05	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01	
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.889E-01	8.894E-01	8.748E-01	
8.517E-01	2.081E-05	8.528E-06	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01	
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.623E-01	5.626E-01	5.598E-01	
5.526E-01	1.963E-05	5.479E-06	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01	
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.013E-01	4.016E-01	4.016E-01	
3.994E-01	1.866E-05	3.939E-06	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01	
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.069E-01	3.071E-01	3.079E-01	
3.075E-01	1.785E-05	3.024E-06	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01	
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.455E-01	2.456E-01	2.465E-01	
2.467E-01	1.717E-05	2.423E-06	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	
2.039E-01	1.657E-05	2.001E-06	0.000E+00	0.000E+00	2.025E-01	2.027E-01	2.035E-01	

		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	1.678E+01	
1.678E+01	1.678E+01	6.700E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.041E+01	
2.041E+01	2.041E+01	8.603E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.177E+01	
2.177E+01	2.177E+01	9.182E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.916E+01	
1.916E+01	1.916E+01	8.308E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.389E+00	
6.389E+00	6.389E+00	5.785E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.437E+00	
1.437E+00	1.437E+00	4.544E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.045E-01	
7.045E-01	7.045E-01	4.334E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.456E-01	
4.456E-01	4.456E-01	4.089E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.181E-01	
3.181E-01	3.181E-01	3.887E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.432E-01	
2.432E-01	2.432E-01	3.719E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.945E-01	
1.945E-01	1.945E-01	3.576E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.605E-01	
1.605E-01	1.605E-01	3.451E+01						



POWERTECH (USA) Inc.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	9.650E-08
2.5	0.000E+00	0.000E+00	0.000E+00	1.239E-07
3.5	0.000E+00	0.000E+00	0.000E+00	1.322E-07
4.5	0.000E+00	0.000E+00	0.000E+00	1.197E-07
7.5	0.000E+00	0.000E+00	0.000E+00	8.332E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.544E-08
25.0	0.000E+00	0.000E+00	0.000E+00	6.242E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.889E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.598E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.356E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.150E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.970E-08



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

DEGREES CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5

				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	2.244E+01	2.212E+01	1.586E+01
1.157E+01	2.895E-05	1.463E-04					
2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.754E+01	2.725E+01	2.004E+01
1.422E+01	2.894E-05	1.827E-04					
3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.036E+01	3.983E+01	2.712E+01
1.708E+01	2.768E-05	2.422E-04					
4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.068E+01	5.017E+01	3.070E+01
1.656E+01	2.276E-05	2.691E-04					
7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E+00	8.976E+00	6.490E+00
4.549E+00	1.514E-05	5.912E-05					
15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.882E+00	1.883E+00	1.791E+00
1.694E+00	2.013E-05	1.734E-05					
25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.515E-01	8.520E-01	8.431E-01
8.267E-01	1.998E-05	8.236E-06					
35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.255E-01	5.258E-01	5.256E-01
5.225E-01	1.909E-05	5.155E-06					
45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.708E-01	3.710E-01	3.721E-01
3.719E-01	1.831E-05	3.656E-06					
55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.814E-01	2.816E-01	2.827E-01
2.832E-01	1.762E-05	2.780E-06					
65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.241E-01	2.242E-01	2.252E-01
2.258E-01	1.704E-05	2.215E-06					
75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.842E-01	1.843E-01	1.851E-01
1.857E-01	1.652E-05	1.821E-06					

				GROUND SURFACE CONCENTRATIONS, PCI/M2				
	XRHO, KM	U-238	Th-230	Ra-226	Pb-210	Rn-222	Po-218	Pb-
214	Bi-214	Pb-210						

	1.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.752E+01	
1.752E+01	1.752E+01	6.030E+01						
	2.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.158E+01	
2.158E+01	2.158E+01	6.027E+01						
	3.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.154E+01	
3.154E+01	3.154E+01	5.765E+01						
	4.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.974E+01	
3.974E+01	3.974E+01	4.740E+01						
	7.5	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.109E+00	
7.109E+00	7.109E+00	3.154E+01						
	15.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.491E+00	
1.491E+00	1.491E+00	4.192E+01						
	25.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.748E-01	
6.748E-01	6.748E-01	4.161E+01						
	35.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.165E-01	
4.165E-01	4.165E-01	3.977E+01						
	45.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.939E-01	
2.939E-01	2.939E-01	3.815E+01						
	55.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.230E-01	
2.230E-01	2.230E-01	3.671E+01						
	65.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.776E-01	
1.776E-01	1.776E-01	3.550E+01						
	75.0	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.460E-01	
1.460E-01	1.460E-01	3.441E+01						



POWERTECH (USA) INC.

XRHO, KM	TOTAL DEPOSITION RATES, PCI/M2-SEC			
	U-238	Th-230	Ra-226	Pb-210
1.5	0.000E+00	0.000E+00	0.000E+00	8.684E-08
2.5	0.000E+00	0.000E+00	0.000E+00	8.681E-08
3.5	0.000E+00	0.000E+00	0.000E+00	8.303E-08
4.5	0.000E+00	0.000E+00	0.000E+00	6.827E-08
7.5	0.000E+00	0.000E+00	0.000E+00	4.542E-08
15.0	0.000E+00	0.000E+00	0.000E+00	6.038E-08
25.0	0.000E+00	0.000E+00	0.000E+00	5.993E-08
35.0	0.000E+00	0.000E+00	0.000E+00	5.728E-08
45.0	0.000E+00	0.000E+00	0.000E+00	5.494E-08
55.0	0.000E+00	0.000E+00	0.000E+00	5.287E-08
65.0	0.000E+00	0.000E+00	0.000E+00	5.113E-08
75.0	0.000E+00	0.000E+00	0.000E+00	4.956E-08

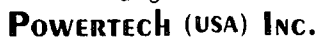


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XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO	XRHO
DIRECTION	1.5	2.5	3.5	4.5	7.5	15.0	25.0	35.0	
45.0	55.0	65.0	75.0						

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.500E-05	4.465E-04	1.469E-04	
6.713E-05	6.590E-05	1.008E-04	1.468E-04						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.482E-05	1.706E-05	1.241E-04	
1.315E-04	4.589E-04	1.525E-03	7.367E-04						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.857E-05	2.870E-05	9.355E-04	
7.161E-03	7.122E-04	3.256E-03	5.992E-03						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.134E-04	5.531E-04	
3.978E-05	1.340E-04	4.778E-04	9.357E-04						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.540E-05	1.269E-04	1.319E-03	
1.192E-02	6.941E-04	1.705E-04	2.260E-04						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.488E-05	8.890E-05	2.487E-04	
1.037E-03	5.584E-04	4.245E-04	3.950E-04						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.460E-05	1.777E-03	9.030E-05	
1.554E-04	5.656E-05	5.972E-05	1.524E-04						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.475E-05	1.488E-04	5.282E-03	4.078E-04	
5.281E-05	2.181E-04	1.405E-04	2.040E-04						
S	0.000E+00	4.227E-06	0.000E+00	0.000E+00	8.705E-05	0.000E+00	6.012E-05	4.949E-05	
1.425E-04	1.523E-05	1.248E-04	3.123E-04						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.953E-05	4.513E-05	0.000E+00	1.028E-05	
9.458E-06	1.103E-04	8.731E-05	1.894E-04						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.673E-05	
4.951E-05	5.388E-05	5.558E-05	1.399E-04						
WSW	0.000E+00	0.000E+00	2.345E-05	0.000E+00	0.000E+00	4.401E-05	2.859E-05	2.771E-05	
6.827E-06	4.478E-05	1.210E-05	1.297E-05						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.870E-06	
1.365E-05	0.000E+00	2.764E-05	2.184E-05						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.844E-06	8.820E-06	2.919E-06	2.791E-06	
2.411E-05	7.350E-05	7.236E-05	3.992E-05						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.560E-06	3.344E-06	0.000E+00	1.529E-05	
3.212E-05	4.205E-05	6.762E-05	9.474E-05						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.293E-06	0.000E+00	8.803E-05	5.683E-04	
9.662E-03	2.735E-04	6.915E-04	1.635E-04						

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EXPOSED ORGAN IS BONE

[illegible]

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.273E-04	3.621E-03	1.191E-03
5.438E-04	5.337E-04	8.156E-04	1.188E-03					
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.014E-04	1.383E-04	1.006E-03
1.065E-03	3.716E-03	1.234E-02	5.960E-03					
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.507E-04	2.327E-04	7.582E-03
5.801E-02	5.766E-03	2.635E-02	4.847E-02					
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.541E-03	4.482E-03
3.222E-04	1.085E-03	3.867E-03	7.569E-03					
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.305E-04	1.029E-03	1.069E-02
9.657E-02	5.620E-03	1.380E-03	1.828E-03					
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.073E-04	7.207E-04	2.015E-03
8.400E-03	4.521E-03	3.436E-03	3.195E-03					
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.239E-04	1.441E-02	7.318E-04
1.259E-03	4.580E-04	4.833E-04	1.233E-03					
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.197E-04	1.207E-03	4.283E-02	3.304E-03
4.278E-04	1.766E-03	1.137E-03	1.650E-03					
S	0.000E+00	3.430E-05	0.000E+00	0.000E+00	7.063E-04	0.000E+00	4.875E-04	4.011E-04
1.154E-03	1.233E-04	1.010E-03	2.526E-03					
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.584E-04	3.660E-04	0.000E+00	8.328E-05
7.661E-05	8.932E-04	7.066E-04	1.532E-03					
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.029E-04
4.011E-04	4.362E-04	4.499E-04	1.131E-03					
WSW	0.000E+00	0.000E+00	1.903E-04	0.000E+00	0.000E+00	3.570E-04	2.318E-04	2.246E-04
5.531E-05	3.626E-04	9.797E-05	1.049E-04					
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.326E-05
1.106E-04	0.000E+00	2.237E-04	1.767E-04					
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.177E-05	7.155E-05	2.367E-05	2.263E-05
1.953E-04	5.952E-04	5.857E-04	3.230E-04					
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.323E-05	2.713E-05	0.000E+00	1.240E-04
2.603E-04	3.406E-04	5.473E-04	7.665E-04					
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.672E-05	0.000E+00	7.139E-04	4.607E-03
7.828E-02	2.214E-03	5.597E-03	1.323E-03					

TOTAL DOSE COMMITMENT IS 5.237E-01 PERSON-REM/YR



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

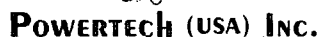
AVG.LUNG EXPOSURE PATHWAY IS INHAL. EXPOSED ORGAN IS

REMYEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.655E-06	5.395E-05	1.822E-05	
8.547E-06	8.610E-06	1.350E-05	2.018E-05							
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.929E-06	2.066E-06	1.543E-05	
1.678E-05	6.011E-05	2.049E-04	1.015E-04							
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.196E-06	3.483E-06	1.166E-04	
9.159E-04	9.348E-05	4.385E-04	8.275E-04							
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.811E-05	6.902E-05	
5.093E-06	1.760E-05	6.437E-05	1.292E-04							
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.758E-06	1.544E-05	1.647E-04	
1.527E-03	9.115E-05	2.295E-05	3.117E-05							
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.883E-06	1.082E-05	3.102E-05	
1.326E-04	7.313E-05	5.693E-05	5.421E-05							
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.664E-06	2.164E-04	1.128E-05	
1.989E-05	7.417E-06	8.020E-06	2.095E-05							
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.717E-06	1.765E-05	6.434E-04	5.098E-05	
6.774E-06	2.870E-05	1.895E-05	2.820E-05							
S	0.000E+00	4.875E-07	0.000E+00	0.000E+00	0.000E+00	1.014E-05	0.000E+00	7.322E-06	6.188E-06	
1.828E-05	2.005E-06	1.686E-05	4.325E-05							
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.272E-06	5.351E-06	0.000E+00	1.283E-06	
1.212E-06	1.451E-05	1.178E-05	2.621E-05							
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.080E-05	
6.329E-06	7.068E-06	7.481E-06	1.930E-05							
WSW	0.000E+00	0.000E+00	2.699E-06	0.000E+00	0.000E+00	0.000E+00	5.185E-06	3.457E-06	3.438E-06	
8.693E-07	5.848E-06	1.621E-06	1.780E-06							
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.548E-07	
1.730E-06	0.000E+00	3.677E-06	2.975E-06							
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.022E-06	1.035E-06	3.516E-07	3.449E-07	
3.056E-06	9.551E-06	9.637E-06	5.447E-06							
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.577E-07	3.922E-07	0.000E+00	1.889E-06	
4.070E-06	5.463E-06	9.002E-06	1.292E-05							
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.804E-07	0.000E+00	1.061E-05	7.029E-05	
1.226E-03	3.561E-05	9.233E-05	2.238E-05							

TOTAL DOSE COMMITMENT IS 8.346E-03 PERSON-REM/YR



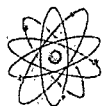
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IS...	TIME STEP NUMBER 2,	DURATION IN YRS
100.0	EXPOSURE PATHWAY IS INHAL.	EXPOSED ORGAN IS BRONCHI
	DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-	
REM/YEAR		

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.257E-02	2.609E-01	5.704E-02	
1.934E-02	1.499E-02	1.884E-02	2.320E-02						
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.520E-02	9.344E-03	4.575E-02	
3.619E-02	1.000E-01	2.736E-01	1.118E-01						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.810E-02	1.540E-02	3.413E-01	
1.961E+00	1.551E-01	5.852E-01	9.126E-01						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.705E-01	2.067E-01	
1.123E-02	3.021E-02	8.924E-02	1.485E-01						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	6.832E-02	7.408E-02	5.302E-01	
3.629E+00	1.692E-01	3.452E-02	3.900E-02						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.973E-02	6.008E-02	1.171E-01	
3.738E-01	1.628E-01	1.038E-01	8.305E-02						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	7.634E-02	1.199E+00	4.271E-02	
5.658E-02	1.673E-02	1.486E-02	3.270E-02						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.595E-02	1.479E-01	2.931E+00	1.562E-01
1.538E-02	5.103E-02	2.737E-02	3.395E-02						
S	0.000E+00	3.983E-02	0.000E+00	0.000E+00	0.000E+00	1.795E-01	0.000E+00	3.105E-02	1.763E-02
3.843E-02	3.286E-03	2.233E-02	4.753E-02						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.789E-02	3.984E-02	0.000E+00	3.575E-03
2.486E-03	2.312E-02	1.513E-02	2.783E-02						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.115E-02
1.337E-02	1.158E-02	9.870E-03	2.105E-02						
WSW	0.000E+00	0.000E+00	1.444E-01	0.000E+00	0.000E+00	4.897E-02	1.718E-02	1.129E-02	
2.094E-03	1.096E-02	2.458E-03	2.244E-03						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.406E-03
5.017E-03	0.000E+00	6.751E-03	4.557E-03						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	9.079E-02	1.412E-02	2.129E-03	1.314E-03
8.344E-03	2.005E-02	1.625E-02	7.597E-03						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.003E-01	5.514E-03	0.000E+00	7.255E-03
1.124E-02	1.163E-02	1.542E-02	1.835E-02						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.713E-02	0.000E+00	5.787E-02	2.434E-01
3.050E+00	6.804E-02	1.414E-01	2.830E-02						

TOTAL DOSE COMMITMENT IS 2.090E+01 PERSON-REM/YR



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS GROUND EXPOSED ORGAN IS

REM/YEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.169E-05	5.339E-05	1.430E-05		
5.772E-06	5.212E-06	7.505E-06	1.045E-05							
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.180E-06	1.969E-06	1.181E-05		
1.111E-05	3.580E-05	1.123E-04	5.191E-05							
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.043E-06	3.277E-06	8.858E-05		
6.041E-04	5.553E-05	2.398E-04	4.225E-04							
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.605E-05	5.293E-05		
3.394E-06	1.056E-05	3.557E-05	6.667E-05							
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.123E-05	1.517E-05	1.305E-04		
1.047E-03	5.618E-05	1.300E-05	1.645E-05							
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.416E-05	1.155E-05	2.653E-05		
9.766E-05	4.822E-05	3.438E-05	3.045E-05							
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.210E-05	2.307E-04	9.657E-06		
1.470E-05	4.911E-06	4.866E-06	1.182E-05							
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	4.860E-06	2.470E-05	6.141E-04	3.945E-05		
4.559E-06	1.741E-05	1.059E-05	1.471E-05							
S	0.000E+00	4.729E-06	0.000E+00	0.000E+00	2.498E-05	0.000E+00	6.727E-06	4.638E-06		
1.195E-05	1.184E-06	9.181E-06	2.202E-05							
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	5.336E-06	6.923E-06	0.000E+00	9.533E-07		
7.860E-07	8.501E-06	6.366E-06	1.324E-05							
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	8.157E-06		
4.156E-06	4.185E-06	4.080E-06	9.835E-06							
WSW	0.000E+00	0.000E+00	1.760E-05	0.000E+00	0.000E+00	7.898E-06	3.472E-06	2.758E-06		
6.014E-07	3.630E-06	9.235E-07	9.451E-07							
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	3.124E-07		
1.296E-06	0.000E+00	2.238E-06	1.680E-06							
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.064E-05	2.070E-06	3.970E-07	2.978E-07		
2.231E-06	6.191E-06	5.697E-06	2.988E-06							
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	1.163E-05	8.033E-07	0.000E+00	1.638E-06		
2.987E-06	3.560E-06	5.351E-06	7.126E-06							
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	2.116E-06	0.000E+00	1.126E-05	5.790E-05		
8.610E-04	2.229E-05	5.288E-05	1.192E-05							

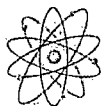
TOTAL DOSE COMMITMENT IS 5.815E-03 PERSON-REM/YR



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DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-REM/YEAR

TOTAL DOSE COMMITMENT IS 1.809E-01 PERSON-REM/YR



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 63
02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

EFFECTIV

EXPOSURE PATHWAY IS VEG. ING

EXPOSED ORGAN IS

REM/YEAR

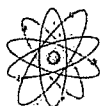
DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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

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



POWERTECH (USA) INC.

REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 64
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EXPOSURE PATHWAY IS VEG. ING EXPOSED ORGAN IS BONE

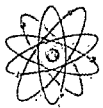
DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-
REM/YEAR

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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

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



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 65
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS

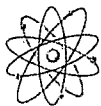
REM/YEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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

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



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 66
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

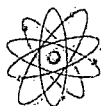
DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-
REM/YEAR

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00							
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00						

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

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



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

PAGE 67
02/23/09

IS...100.0 TIME STEP NUMBER 2, DURATION IN YRS

EFFECTIV EXPOSURE PATHWAY IS MILK ING EXPOSED ORGAN IS

REM/YEAR DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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

WARNING--POPULATION FOOD INGESTION DOSES SHOWN
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POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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PAGE 68
02/23/09

IS...100.0

TIME STEP NUMBER 2;

DURATION IN YRS

EXPOSURE PATHWAY IS MILK ING

EXPOSED ORGAN IS BONE

DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

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

N	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ENE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
E	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
ESE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSE	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
S	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
SW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WSW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
W	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
WNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
NNW	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00	0.000E+00

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

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



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

SUMMARY PRINT OF POPULATION DOSES COMPUTED FOR TSTEP 2--DOSES SHOWN ARE 100-YEAR ENVIRONMENTAL
DOSE COMMITMENTS, PERSON-REM/YEAR

DOSES RECEIVED BY PEOPLE WITHIN 80 KILOMETERS

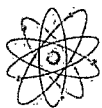
KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
1.888E-01	INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01
5.815E-03	2.090E+01 GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03
1.809E-01	5.815E-03 CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01
0.000E+00	1.809E-01 VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 RNPLUS50	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00				
3.755E-01	TOTALS 2.108E+01	2.513E-01	7.104E-01	1.950E-01	5.794E-01

DOSES RECEIVED BY PEOPLE BEYOND 80 KILOMETERS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
0.000E+00	INHAL.	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 GROUND	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 CLOUD	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	0.000E+00 MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
7.984E+00	0.000E+00 RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
7.984E+00	TOTALS 5.081E+01	7.984E+00	1.089E+02	1.815E+00	7.984E+00

TOTAL DOSES COMPUTED OVER ALL POPULATIONS

KIDNEY	PATHWAY BRONCHI	EFFECTIV	BONE	AVG.LUNG	LIVER
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POWERTECH (USA) INC.

1.888E-01	INHAL.	6.465E-02	5.237E-01	8.346E-03	3.928E-01
2.090E+01	GROUND	5.815E-03	5.815E-03	5.815E-03	5.815E-03
5.815E-03	CLOUD	1.809E-01	1.809E-01	1.809E-01	1.809E-01
1.809E-01	VEG. ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MEAT ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	MILK ING	0.000E+00	0.000E+00	0.000E+00	0.000E+00
0.000E+00	RNPLUS50	7.984E+00	1.089E+02	1.815E+00	7.984E+00
7.984E+00	5.081E+01				
8.360E+00	TOTALS	8.236E+00	1.096E+02	2.010E+00	8.564E+00
7.189E+01					



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL

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COMPLETE SUMMARY OF COMPUTED ENVIRONMENTAL DOSE COMMITMENTS, INTEGRATED OVER
ALL TIME STEPS

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE WITHIN 80
KILOMETERS, PERSON-REM

NO. LIVER	T-START KIDNEY	T-END BRONCHI	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG
1	2008.00	2013.00	5.00	TOTALS	1.257E+00	3.552E+00	9.752E-01
2.897E+00	1.878E+00	1.054E+02					
2	2013.00	2113.00	100.00	TOTALS	2.513E+01	7.104E+01	1.950E+01
5.794E+01	3.755E+01	2.108E+03					
TOTALS OVER ALL 2 TIME STEPS					2.639E+01	7.459E+01	2.048E+01
6.084E+01	3.943E+01	2.214E+03					

100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED BY PEOPLE BEYOND 80
KILOMETERS, PERSON-REM

NO. LIVER	T-START KIDNEY	T-END BRONCHI	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG
1	2008.00	2013.00	5.00	TOTALS	3.992E+01	5.444E+02	9.073E+00
3.992E+01	3.992E+01	2.540E+02					
2	2013.00	2113.00	100.00	TOTALS	7.984E+02	1.089E+04	1.815E+02
7.984E+02	7.984E+02	5.081E+03					
TOTALS OVER ALL 2 TIME STEPS					8.383E+02	1.143E+04	1.905E+02
8.383E+02	8.383E+02	5.335E+03					

GRAND TOTAL 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS RECEIVED OVER ALL
POPULATIONS, PERSON-REM

NO. LIVER	T-START KIDNEY	T-END BRONCHI	T-LONG	PATHWAY	EFFECTIV	BONE	AVG.LUNG
1	2008.00	2013.00	5.00	TOTALS	4.118E+01	5.479E+02	1.005E+01
4.282E+01	4.180E+01	3.595E+02					
2	2013.00	2113.00	100.00	TOTALS	8.236E+02	1.096E+04	2.010E+02
8.564E+02	8.360E+02	7.189E+03					
TOTALS OVER ALL 2 TIME STEPS					8.647E+02	1.151E+04	2.110E+02
8.992E+02	8.778E+02	7.549E+03					

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