



1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 111
08/21/08

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

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

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|----------|--------|--------|----------|----------|----------|----------|----------|
| 4.32E-03 | INFANT | TOTALS | 6.81E+00 | 6.94E+00 | 5.33E+01 | 1.95E-01 | 2.15E-01 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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

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



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

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 1,

PAGE 112
08/21/08
DURATION IN YRS IS... 5.0

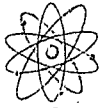
NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

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

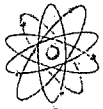
| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| ----- | | | | | | | |
| 1.46E+01 | CHILD | TOTALS | 4.39E+00 | 6.59E+00 | 2.58E+01 | 3.51E-01 | 3.75E-01 |

| | 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 |

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|----------|---------|--------|----------|----------|----------|----------|----------|
| ----- | | | | | | | |
| 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 |

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



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|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 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 | | | | | | | |

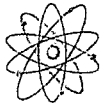
| | | | | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 45.0 | 3.851E-05 | 1.341E-05 | 8.049E-06 | 8.049E-06 | 1.719E+00 | 1.720E+00 | 1.728E+00 | 1.733E+00 |
| 1.090E-04 | 1.700E-05 | | | | | | | |
| 55.0 | 2.259E-05 | 7.868E-06 | 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 | | | | | | | |

GROUND SURFACE CONCENTRATIONS, PCI/M2

| Pb-210 | XRHO, KM | U-238 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 | Bi-214 |
|-----------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| ----- | | | | | | | | | |
| 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 |



POWERTECH (USA) Inc.

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|-----------|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| 3.916E+01 | 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 |
| 3.746E+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 |
| 3.602E+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 |
| 3.476E+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 |

| 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

PAGE 117
08/21/08

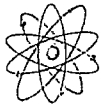
TIME STEP NUMBER 2,

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 WL | 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



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

IREGION: 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

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 | 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 7.281E-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 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 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 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 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 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 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 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 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 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 3.141E-02 1.348E-02 1.168E-02
9.948E-03 2.122E-02

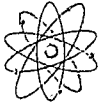
WSW 0.000E+00 0.000E+00 1.439E-01 0.000E+00 0.000E+00 4.933E-02 1.733E-02 1.139E-02 2.111E-03 1.105E-02
2.477E-03 2.261E-03
W 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 0.000E+00 1.417E-03 5.057E-03 0.000E+00
6.802E-03 4.591E-03
WNW 0.000E+00 0.000E+00 0.000E+00 0.000E+00 9.239E-02 1.430E-02 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 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 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

IREGION: Dewey Burdock

CODE: MILDOS-AREA (02/97)

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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:

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

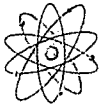
EXPOSURE PATHWAY IS MEAT ING EXPOSED ORGAN IS BONE

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

| XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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:

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TIME STEP NUMBER 2,
EXPOSURE PATHWAY IS MILK ING

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



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
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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

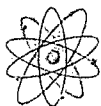
DURATION IN YRS IS...100.0

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 | |
| GROUND | 5.658E-01 | 5.658E-01 | 5.658E-01 | 5.658E-01 | 5.658E-01 | 5.658E- |

2.104E+01
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 | |

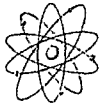
| | | | | | | | |
|-----------|--------|-----------|-----------|-----------|-----------|-----------|--|
| 2.179E+01 | TOTALS | 2.563E+00 | 8.143E+00 | 1.292E+01 | 1.289E+00 | 1.057E+00 | |
|-----------|--------|-----------|-----------|-----------|-----------|-----------|--|

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 | |
| 5.116E+01 | 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 | |
| 5.116E+01 | RNPLUS50 | 8.039E+00 | 1.096E+02 | 1.827E+00 | 8.039E+00 | 8.039E+00 | |
| 7.295E+01 | TOTALS | 1.060E+01 | 1.178E+02 | 1.475E+01 | 9.328E+00 | 9.095E+00 | |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
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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 | | | | | | | |

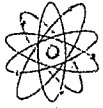
1REGION: Dewey Burdock
METSET:

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

PAGE 132
08/21/08

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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| CONCENTRATION TOTALS | | 4.218E-03 | 1.466E-03 | 8.800E-04 | 1.455E-04 | 4.494E+04 | 1.561E+04 |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| CONCENTRATION TOTALS | | 7.448E-03 | 2.589E-03 | 1.555E-03 | 2.570E-04 | 7.935E+04 | 2.757E+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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| ----- | | | | | | | |
| 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 | | | | | | | |
| CONCENTRATION TOTALS | | 4.963E-03 | 1.725E-03 | 1.036E-03 | 1.713E-04 | 5.288E+04 | 1.837E+04 |
| 1.085E+04 | | | | | | | |
| ----- | | | | | | | |

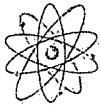
1REGION: Dewey Burdock
METSET:

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

PAGE 133
08/21/08

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 | 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| 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 | | | | | | | |
| CONCENTRATION TOTALS | | 1.649E-02 | 5.732E-03 | 3.445E-03 | 5.690E-04 | 1.757E+05 | 6.105E+04 |
| 3.608E+04 | | | | | | | |
| ----- | | | | | | | |



POWERTECH (USA) Inc.

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|----------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 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 | | | | | | | |

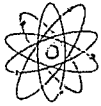
| | | | | | | | |
|----------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 14 CPP WNW | 1 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 |
| 0.000E+00 0.000E+00 | | | | | | | |
| 14 CPP WNW | 2 | 6.087E-03 | 2.120E-03 | 1.272E-03 | 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.

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|----------------------|-----------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 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:

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

PAGE 135
08/21/08
DURATION IN YRS IS...100.0

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



POWERTECH (USA) Inc.

| | | | | | | | |
|----------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 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 | | | | | | | |

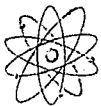
| | | | | | | | |
|----------------------|---|-----------|-----------|-----------|-----------|-----------|-----------|
| 35 BC Ranch | 1 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 |
| 0.000E+00 0.000E+00 | | | | | | | |
| 35 BC Ranch | 2 | 4.277E-03 | 1.492E-03 | 8.952E-04 | 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 | | | | | | | |

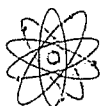


POWERTECH (USA) Inc.

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



POWERTECH (USA) Inc.

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

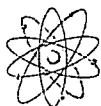
NUMBER 1 NAME=CPP N X= 0.1KM, Y= 2.8KM, Z= 0.0M, DIST= 2.8KM, IRTYPE=10

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

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

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



POWERTECH (USA) Inc.

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

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

1REGION: Dewey Burdock
METSET:

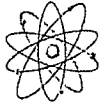
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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

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

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
| 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 |

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)

PAGE 141

DATA: DB.MIL

08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

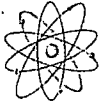
NUMBER 2 NAME=CPP NNE

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

PAGE 142
08/21/08

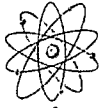
TIME STEP NUMBER 2,

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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

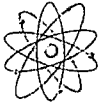
| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 1.31E+01 | TEENAGE | INHAL. | 4.62E+00 | 1.31E+01 | 2.76E+01 | 8.95E-02 | 9.70E-02 |
| 1.08E+00 | TEENAGE | GROUND | 1.08E+00 | 1.08E+00 | 1.08E+00 | 1.08E+00 | 1.08E+00 |
| 8.01E-02 | TEENAGE | 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 |

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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|---------|-----|---------|----------|------|-----------|-------|--------|
| 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)

PAGE 143

DATA: DB.MIL

08/21/08

TIME STEP NUMBER 2,

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

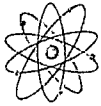
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 3.67E+01 | 3.73E+01 | 2.87E+02 | 1.02E+00 | 1.13E+00 |
| 2.63E-01 | INFANT | GROUND | 2.63E-01 | 2.63E-01 |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

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



POWERTECH (USA) Inc.

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

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

PAGE 144

DATA: DB.MIL

08/21/08

TIME STEP NUMBER 2,

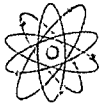
DURATION IN YRS IS...100.0

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

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |

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|----------|-------|--------|----------|----------|----------|----------|----------|
| 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 |

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|----------|---------|--------|----------|----------|----------|----------|----------|
| 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 |
|---------|-----|---------|----------|------|-----------|-------|--------|

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |



POWERTECH (USA) INC.

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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 |

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|----------|-------|--------|----------|----------|----------|----------|----------|
| 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.

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|----------|---------|-------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |

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|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.19E-01 | ADULT | TOTALS | 4.21E+00 | 1.84E+01 | 2.75E+01 | 5.22E-01 | 9.34E-01 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

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

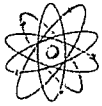
PAGE 146
08/21/08
DURATION IN YRS IS...100.0

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 |
|---------|-----|---------|----------|------|----------|-------|--------|

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|----------|--------|----------|----------|----------|----------|----------|----------|
| 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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|--|-----|---------|----------|------|-----------|-------|--------|
| | 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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|----------|-------|-------|----------|----------|----------|----------|----------|
| 7.21E-02 | CHILD | CLOUD | 7.21E-02 | 7.21E-02 | 7.21E-02 | 7.21E-02 | 7.21E-02 |
|----------|-------|-------|----------|----------|----------|----------|----------|

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | CHILD | VEG. ING | 9.53E-02 | 1.24E+00 | 1.14E-01 | 1.14E-01 | 2.81E-01 |
|----------|-------|----------|----------|----------|----------|----------|----------|

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | CHILD | MEAT ING | 1.33E-02 | 1.77E-01 | 2.82E-02 | 2.82E-02 | 3.55E-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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|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.60E+01 | CHILD | TOTALS | 1.04E+01 | 1.73E+01 | 6.39E+01 | 1.72E+00 | 1.88E+00 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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|--|-----|---------|----------|------|-----------|-------|--------|
| | 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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|----------|---------|--------|----------|----------|----------|----------|----------|
| 1.28E+00 | TEENAGE | GROUND | 1.28E+00 | 1.28E+00 | 1.28E+00 | 1.28E+00 | 1.28E+00 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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|----------|---------|-------|----------|----------|----------|----------|----------|
| 7.21E-02 | TEENAGE | CLOUD | 7.21E-02 | 7.21E-02 | 7.21E-02 | 7.21E-02 | 7.21E-02 |
|----------|---------|-------|----------|----------|----------|----------|----------|

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|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | TEENAGE | VEG. ING | 1.56E-01 | 2.02E+00 | 1.85E-01 | 1.85E-01 | 4.60E-01 |
|----------|---------|----------|----------|----------|----------|----------|----------|

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|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | TEENAGE | MEAT ING | 2.16E-02 | 2.87E-01 | 4.59E-02 | 4.59E-02 | 5.77E-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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|----------|---------|--------|----------|----------|----------|----------|----------|
| 1.60E+01 | TEENAGE | TOTALS | 6.93E+00 | 1.92E+01 | 3.41E+01 | 1.69E+00 | 1.98E+00 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.46E+01 | ADULT | INHAL. | 4.72E+00 | 1.50E+01 | 2.71E+01 | 8.76E-02 | 9.06E-02 |
|----------|-------|--------|----------|----------|----------|----------|----------|

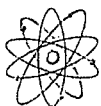
| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.28E+00 | ADULT | GROUND | 1.28E+00 | 1.28E+00 | 1.28E+00 | 1.28E+00 | 1.28E+00 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|-------|----------|----------|----------|----------|----------|
| 7.21E-02 | ADULT | CLOUD | 7.21E-02 | 7.21E-02 | 7.21E-02 | 7.21E-02 | 7.21E-02 |
|----------|-------|-------|----------|----------|----------|----------|----------|

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | ADULT | VEG. ING | 2.15E-01 | 2.79E+00 | 2.55E-01 | 2.55E-01 | 6.36E-01 |
|----------|-------|----------|----------|----------|----------|----------|----------|

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|--------|--------|----------|----------|----------|----------|----------|

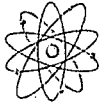
| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|---------|---------|----------|------|----------|-------|--------|
| BRONCHI | | | | | | |

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 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.

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

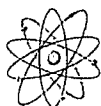
PAGE 149
08/21/08

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

| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 2.36E+01 | 2.40E+01 | 1.85E+02 | 6.59E-01 | 7.29E-01 |
| 1.70E-01 | INFANT | GROUND | 1.70E-01 | 1.70E-01 | 1.70E-01 | 1.70E-01 | 1.70E-01 |
| 4.70E-07 | INFANT | CLOUD | 4.70E-07 | 4.70E-07 | 4.70E-07 | 4.70E-07 | 4.70E-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 |
| 1.70E-01 | INFANT | TOTALS | 2.38E+01 | 2.42E+01 | 1.85E+02 | 8.28E-01 | 8.99E-01 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| 0.00E+00 | CHILD | INHAL. | 1.15E+01 | 2.07E+01 | 8.89E+01 | 2.76E-01 | 2.80E-01 |
| 1.70E-01 | CHILD | GROUND | 1.70E-01 | 1.70E-01 | 1.70E-01 | 1.70E-01 | 1.70E-01 |
| 4.70E-07 | CHILD | CLOUD | 4.70E-07 | 4.70E-07 | 4.70E-07 | 4.70E-07 | 4.70E-07 |
| 0.00E+00 | 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 |
| 1.70E-01 | CHILD | TOTALS | 1.18E+01 | 2.29E+01 | 8.93E+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 |
| 1.70E-01 | TEENAGE | GROUND | 1.70E-01 | 1.70E-01 | 1.70E-01 | 1.70E-01 | 1.70E-01 |
| 4.70E-07 | TEENAGE | CLOUD | 4.70E-07 | 4.70E-07 | 4.70E-07 | 4.70E-07 | 4.70E-07 |



POWERTECH (USA) Inc.

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|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |

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|----------|---------|--------|----------|----------|----------|----------|----------|
| 1.70E-01 | TEENAGE | TOTALS | 6.85E+00 | 2.54E+01 | 4.68E+01 | 6.19E-01 | 1.05E+00 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

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

PAGE 150
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

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

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|----------|--------|----------|----------|----------|----------|----------|----------|
| 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 |

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|----------|--------|--------|----------|----------|----------|----------|----------|
| 5.39E+01 | INFANT | TOTALS | 2.87E+01 | 2.60E+01 | 1.87E+02 | 2.70E+00 | 2.71E+00 |
|----------|--------|--------|----------|----------|----------|----------|----------|



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 |

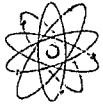
| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| ----- | | | | | | | |
| 5.39E+01 | CHILD | TOTALS | 1.67E+01 | 2.47E+01 | 9.10E+01 | 2.47E+00 | 2.70E+00 |

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

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|----------|---------|--------|----------|----------|----------|----------|----------|
| ----- | | | | | | | |
| 5.39E+01 | TEENAGE | TOTALS | 1.18E+01 | 2.73E+01 | 4.86E+01 | 2.42E+00 | 2.85E+00 |

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

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|----------|-------|--------|----------|----------|----------|----------|----------|
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| 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

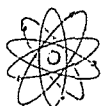
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| BRONCHI | | | | | | | |
| 0.00E+00 | INFANT | INHAL. | 4.17E+01 | 4.24E+01 | 3.27E+02 | 1.16E+00 | 1.29E+00 |
| 2.99E-01 | INFANT | GROUND | 2.99E-01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

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|----------|--------|--------|----------|----------|----------|----------|----------|
| 2.99E-01 | INFANT | TOTALS | 4.20E+01 | 4.27E+01 | 3.27E+02 | 1.46E+00 | 1.59E+00 |
|----------|--------|--------|----------|----------|----------|----------|----------|

| | 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 |

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|----------|-------|--------|----------|----------|----------|----------|----------|
| 2.99E-01 | CHILD | TOTALS | 2.09E+01 | 4.04E+01 | 1.58E+02 | 1.13E+00 | 1.58E+00 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | 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.

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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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|----------|---------|--------|----------|----------|----------|----------|----------|
| 2.99E-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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|----------|-------|--------|----------|----------|----------|----------|----------|
| 2.99E-01 | ADULT | GROUND | 2.99E-01 | 2.99E-01 | 2.99E-01 | 2.99E-01 | 2.99E-01 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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|----------|-------|-------|----------|----------|----------|----------|----------|
| 8.29E-07 | ADULT | CLOUD | 8.29E-07 | 8.29E-07 | 8.29E-07 | 8.29E-07 | 8.29E-07 |
|----------|-------|-------|----------|----------|----------|----------|----------|

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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 |
|---------|-----|---------|----------|------|----------|-------|--------|



POWERTECH (USA) Inc.

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |

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|----------|---------|---------|----------|----------|-----------|----------|----------|
| 5.06E+01 | TEENAGE | TOTALS | 1.81E+01 | 4.82E+01 | 8.58E+01 | 4.27E+00 | 5.02E+00 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG. LUNG | LIVER | KIDNEY |

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

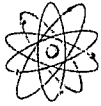
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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

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



POWERTECH (USA) Inc.

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

1REGION: Dewey Burdock
METSET:

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

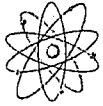
PAGE 154
08/21/08

TIME STEP NUMBER 2, 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

| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|--------|----------|----------|----------|----------|----------|----------|
| INFANT | INHAL. | 3.15E+01 | 2.83E+01 | 2.18E+02 | 9.06E-01 | 9.09E-01 |
| INFANT | GROUND | 2.15E+00 | 2.15E+00 | 2.15E+00 | 2.15E+00 | 2.15E+00 |
| INFANT | CLOUD | 2.00E-01 | 2.00E-01 | 2.00E-01 | 2.00E-01 | 2.00E-01 |
| INFANT | VEG. ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 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 |
| INFANT | TOTALS | 3.38E+01 | 3.06E+01 | 2.20E+02 | 3.25E+00 | 3.25E+00 |
| CHILD | INHAL. | 1.73E+01 | 2.44E+01 | 1.05E+02 | 3.83E-01 | 3.53E-01 |



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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

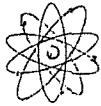
1REGION: Dewey Burdock
METSET:

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

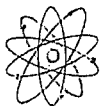
X= -0.1KM, Y= -2.9KM, Z= 0.0M, DIST= 2.9KM, IRTYPE=10



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 |



POWERTech (USA) Inc.

| ----- | TEENAGE | TOTALS | 2.68E+01 | 9.95E+01 | 1.83E+02 | 2.42E+00 | 4.12E+00 |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 6.63E-01 | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | ----- | | | | | | |
| 0.00E+00 | ADULT | INHAL. | 2.14E+01 | 8.35E+01 | 1.51E+02 | 4.28E-01 | 4.76E-01 |
| 6.63E-01 | ADULT | GROUND | 6.63E-01 | 6.63E-01 | 6.63E-01 | 6.63E-01 | 6.63E-01 |
| 1.84E-06 | ADULT | CLOUD | 1.84E-06 | 1.84E-06 | 1.84E-06 | 1.84E-06 | 1.84E-06 |
| 0.00E+00 | ADULT | VEG. ING | 1.19E+00 | 1.54E+01 | 1.38E+00 | 1.38E+00 | 3.51E+00 |
| 0.00E+00 | ADULT | MEAT ING | 2.07E-01 | 2.76E+00 | 4.37E-01 | 4.37E-01 | 5.53E-01 |
| 0.00E+00 | ADULT | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 6.63E-01 | ADULT | TOTALS | 2.34E+01 | 1.02E+02 | 1.53E+02 | 2.91E+00 | 5.20E+00 |

1REGION: Dewey Burdock
METSET:

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

PAGE 156
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

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

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



POWERTECH (USA) Inc.

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

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

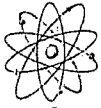
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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

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

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

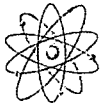
PAGE 158
08/21/08
DURATION IN YRS IS...100.0

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

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

2.75E+01 INFANT TOTALS 3.21E+01 3.11E+01 2.23E+02 3.32E+00 3.29E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

2.51E+01 CHILD INHAL. 1.53E+01 2.48E+01 1.06E+02 4.14E-01 3.69E-01

2.18E+00 CHILD GROUND 2.18E+00 2.18E+00 2.18E+00 2.18E+00 2.18E+00

1.70E-01 CHILD CLOUD 1.70E-01 1.70E-01 1.70E-01 1.70E-01 1.70E-01

0.00E+00 CHILD VEG. ING 1.63E-01 2.12E+00 1.98E-01 1.98E-01 4.81E-01

0.00E+00 CHILD MEAT ING 2.28E-02 3.03E-01 4.88E-02 4.88E-02 6.10E-02

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

2.75E+01 CHILD TOTALS 1.78E+01 2.96E+01 1.09E+02 3.01E+00 3.26E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

2.51E+01 TEENAGE INHAL. 9.20E+00 2.64E+01 5.53E+01 1.92E-01 2.01E-01

2.18E+00 TEENAGE GROUND 2.18E+00 2.18E+00 2.18E+00 2.18E+00 2.18E+00

1.70E-01 TEENAGE CLOUD 1.70E-01 1.70E-01 1.70E-01 1.70E-01 1.70E-01

0.00E+00 TEENAGE VEG. ING 2.67E-01 3.47E+00 3.21E-01 3.21E-01 7.88E-01

0.00E+00 TEENAGE MEAT ING 3.71E-02 4.92E-01 7.92E-02 7.92E-02 9.90E-02

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

2.75E+01 TEENAGE TOTALS 1.19E+01 3.27E+01 5.81E+01 2.94E+00 3.44E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

2.51E+01 ADULT INHAL. 8.05E+00 2.56E+01 4.61E+01 1.61E-01 1.60E-01

2.18E+00 ADULT GROUND 2.18E+00 2.18E+00 2.18E+00 2.18E+00 2.18E+00

1.70E-01 ADULT CLOUD 1.70E-01 1.70E-01 1.70E-01 1.70E-01 1.70E-01

0.00E+00 ADULT VEG. ING 3.69E-01 4.78E+00 4.44E-01 4.44E-01 1.09E+00

0.00E+00 ADULT MEAT ING 6.48E-02 8.59E-01 1.38E-01 1.38E-01 1.73E-01



POWERTECH (USA) Inc.

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | ADULT | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2.75E+01 | ADULT | TOTALS | 1.08E+01 | 3.36E+01 | 4.90E+01 | 3.09E+00 | 3.77E+00 |

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

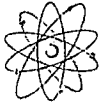
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| BRONCHI | INFANT | INHAL. | 2.01E+01 | 2.04E+01 | 1.57E+02 | 5.60E-01 | 6.20E-01 |
| 0.00E+00 | INFANT | GROUND | 1.44E-01 | 1.44E-01 | 1.44E-01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

| | | | | | | | |
|----------|--------|--------|----------|----------|----------|----------|----------|
| 1.44E-01 | INFANT | TOTALS | 2.02E+01 | 2.06E+01 | 1.57E+02 | 7.04E-01 | 7.64E-01 |
|----------|--------|--------|----------|----------|----------|----------|----------|

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|-------|---------|----------|----------|----------|----------|----------|
| BRONCHI | CHILD | INHAL. | 9.79E+00 | 1.76E+01 | 7.55E+01 | 2.35E-01 | 2.38E-01 |
| 0.00E+00 | CHILD | GROUND | 1.44E-01 | 1.44E-01 | 1.44E-01 | 1.44E-01 | 1.44E-01 |
| 1.44E-01 | CHILD | CLOUD | 3.99E-07 | 3.99E-07 | 3.99E-07 | 3.99E-07 | 3.99E-07 |

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 3.99E-07 | 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|



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 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 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

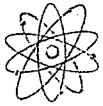
X= -1.3KM, Y= -0.5KM, Z= 0.0M, DIST= 1.4KM, IRTYPE=10

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

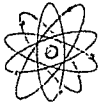
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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

| | | | | | | | |
|----------|--------|----------|----------|----------|----------|----------|----------|
| BRONCHI | 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 |

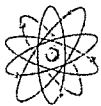
| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 2.68E+01 | CHILD | INHAL. | 2.73E+01 | 4.63E+01 | 1.98E+02 | 6.60E-01 | 6.43E-01 |
| 4.06E+00 | CHILD | GROUND | 4.06E+00 | 4.06E+00 | 4.06E+00 | 4.06E+00 | 4.06E+00 |
| 1.29E-01 | CHILD | CLOUD | 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

PAGE 163
08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

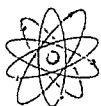
NUMBER 13 NAME=CPP W

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

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

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

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



POWERTECH (USA) Inc.

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

PAGE 164
08/21/08

TIME STEP NUMBER 2,

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

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 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 |

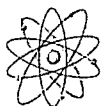
| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | CHILD | VEG. ING | 1.73E-01 | 2.24E+00 | 2.06E-01 | 2.06E-01 | 5.09E-01 |
| 0.00E+00 | CHILD | MEAT ING | 2.41E-02 | 3.20E-01 | 5.12E-02 | 5.12E-02 | 6.44E-02 |
| 0.00E+00 | CHILD | MILK 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 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG. LUNG | LIVER | KIDNEY |

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 2.94E+01 | ADULT | INHAL. | 8.74E+00 | 2.73E+01 | 4.91E+01 | 1.56E-01 | 1.63E-01 |
|----------|-------|--------|----------|----------|----------|----------|----------|



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 |

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 |

| | 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 |



POWERTECH (USA) Inc.

| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|----------|----------|----------|----------|----------|----------|
| CHILD | TOTALS | 1.71E+01 | 3.31E+01 | 1.29E+02 | 9.28E-01 | 1.29E+00 |
| 2.45E-01 | | | | | | |
| BRONCHI | | | | | | |
| TEENAGE | INHAL. | 9.28E+00 | 3.18E+01 | 6.68E+01 | 1.88E-01 | 2.21E-01 |
| 0.00E+00 | | | | | | |
| TEENAGE | GROUND | 2.45E-01 | 2.45E-01 | 2.45E-01 | 2.45E-01 | 2.45E-01 |
| 2.45E-01 | | | | | | |
| TEENAGE | CLOUD | 6.78E-07 | 6.78E-07 | 6.78E-07 | 6.78E-07 | 6.78E-07 |
| 6.78E-07 | | | | | | |
| TEENAGE | VEG. ING | 3.17E-01 | 4.12E+00 | 3.69E-01 | 3.69E-01 | 9.37E-01 |
| 0.00E+00 | | | | | | |
| TEENAGE | MEAT ING | 4.38E-02 | 5.83E-01 | 9.23E-02 | 9.23E-02 | 1.17E-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 | 9.89E+00 | 3.68E+01 | 6.76E+01 | 8.94E-01 | 1.52E+00 |
| 2.45E-01 | | | | | | |
| BRONCHI | | | | | | |
| ADULT | INHAL. | 7.90E+00 | 3.09E+01 | 5.56E+01 | 1.58E-01 | 1.76E-01 |
| 0.00E+00 | | | | | | |
| ADULT | GROUND | 2.45E-01 | 2.45E-01 | 2.45E-01 | 2.45E-01 | 2.45E-01 |
| 2.45E-01 | | | | | | |
| ADULT | CLOUD | 6.78E-07 | 6.78E-07 | 6.78E-07 | 6.78E-07 | 6.78E-07 |
| 6.78E-07 | | | | | | |
| ADULT | VEG. ING | 4.38E-01 | 5.68E+00 | 5.10E-01 | 5.10E-01 | 1.29E+00 |
| 0.00E+00 | | | | | | |
| ADULT | MEAT ING | 7.66E-02 | 1.02E+00 | 1.61E-01 | 1.61E-01 | 2.04E-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 | 8.66E+00 | 3.78E+01 | 5.65E+01 | 1.07E+00 | 1.92E+00 |
| 2.45E-01 | | | | | | |

1REGION: Dewey Burdock
METSET:

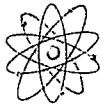
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 166
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

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

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

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY
BRONCHI

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY
BRONCHI

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 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

AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY
BRONCHI



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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

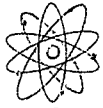
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

| | 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 |
|----------|--------|--------|----------|----------|----------|----------|----------|

| | 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:

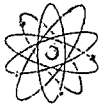
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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

PAGE 169
08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

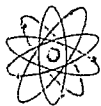
NUMBER 16 NAME=CPP NNW

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

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

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

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

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|----------|-------|--------|----------|----------|----------|----------|----------|
| 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 |

IREGION: 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.

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|----------|--------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |

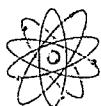
| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 2.19E+01 | CHILD | TOTALS | 1.61E+01 | 2.70E+01 | 9.98E+01 | 2.64E+00 | 2.90E+00 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|---------|-----|---------|----------|------|-----------|-------|--------|



POWERTech (USA) Inc.

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|----------|-------|----------|----------|----------|----------|----------|----------|
| 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

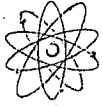
X= -5.0KM, Y= 4.6KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

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 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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

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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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|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.76E-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 |
|---------|-----|---------|----------|------|-----------|-------|--------|

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 0.00E+00 | TEENAGE | INHAL. | 6.69E+00 | 2.30E+01 | 4.82E+01 | 1.36E-01 | 1.60E-01 |
|----------|---------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 1.76E-01 | TEENAGE | GROUND | 1.76E-01 | 1.76E-01 | 1.76E-01 | 1.76E-01 | 1.76E-01 |
|----------|---------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|---------|-------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|----------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 1.76E-01 | TEENAGE | TOTALS | 7.13E+00 | 2.65E+01 | 4.87E+01 | 6.45E-01 | 1.10E+00 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 0.00E+00 | ADULT | INHAL. | 5.69E+00 | 2.23E+01 | 4.01E+01 | 1.14E-01 | 1.27E-01 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.76E-01 | ADULT | GROUND | 1.76E-01 | 1.76E-01 | 1.76E-01 | 1.76E-01 | 1.76E-01 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|-------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|----------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.76E-01 | ADULT | TOTALS | 6.24E+00 | 2.73E+01 | 4.08E+01 | 7.75E-01 | 1.38E+00 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

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

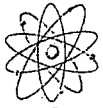
PAGE 172
08/21/08

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.

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

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

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

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

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

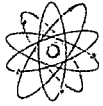
PAGE 174
08/21/08

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



POWERTECH (USA) INC.

| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG. LUNG | LIVER | KIDNEY |
|----------|---------|----------|----------|----------|-----------|----------|----------|
| 2.52E+01 | INFANT | INHAL. | 2.91E+01 | 2.81E+01 | 2.16E+02 | 8.03E-01 | 8.65E-01 |
| 2.13E+00 | INFANT | GROUND | 2.13E+00 | 2.13E+00 | 2.13E+00 | 2.13E+00 | 2.13E+00 |
| 5.59E-02 | INFANT | CLOUD | 5.59E-02 | 5.59E-02 | 5.59E-02 | 5.59E-02 | 5.59E-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 |
| 2.74E+01 | INFANT | TOTALS | 3.13E+01 | 3.03E+01 | 2.18E+02 | 2.99E+00 | 3.05E+00 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG. LUNG | LIVER | KIDNEY |
| 2.52E+01 | CHILD | INHAL. | 1.50E+01 | 2.43E+01 | 1.04E+02 | 3.37E-01 | 3.33E-01 |
| 2.13E+00 | CHILD | GROUND | 2.13E+00 | 2.13E+00 | 2.13E+00 | 2.13E+00 | 2.13E+00 |
| 5.59E-02 | CHILD | CLOUD | 5.59E-02 | 5.59E-02 | 5.59E-02 | 5.59E-02 | 5.59E-02 |
| 0.00E+00 | 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 |
| 2.74E+01 | CHILD | TOTALS | 1.73E+01 | 2.88E+01 | 1.06E+02 | 2.75E+00 | 3.04E+00 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG. LUNG | LIVER | KIDNEY |
| 2.52E+01 | TEENAGE | INHAL. | 9.02E+00 | 2.58E+01 | 5.40E+01 | 1.59E-01 | 1.82E-01 |
| 2.13E+00 | TEENAGE | GROUND | 2.13E+00 | 2.13E+00 | 2.13E+00 | 2.13E+00 | 2.13E+00 |
| 5.59E-02 | TEENAGE | CLOUD | 5.59E-02 | 5.59E-02 | 5.59E-02 | 5.59E-02 | 5.59E-02 |
| 0.00E+00 | 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 |



POWERTECH (USA) Inc.

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

PAGE 175

DATA: DB.MIL

08/21/08

TIME STEP NUMBER 2,

DURATION IN YRS IS...100.0

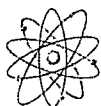
NUMBER 19 NAME=SF NE

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

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

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

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

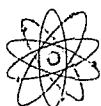
| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | TEENAGE | INHAL. | 7.17E+00 | 2.46E+01 | 5.16E+01 | 1.46E-01 | 1.71E-01 |
| 1.89E-01 | TEENAGE | GROUND | 1.89E-01 | 1.89E-01 | 1.89E-01 | 1.89E-01 | 1.89E-01 |
| 5.23E-07 | TEENAGE | 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|



POWERTECH (USA) Inc.

TIME STEP NUMBER 2,

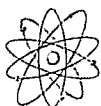
DURATION IN YRS IS...100.0

NUMBER 19 NAME=SF NE

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

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

| ----- | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| ----- | | | | | | | |
| 2.65E+01 | INFANT | INHAL. | 2.79E+01 | 2.68E+01 | 2.06E+02 | 7.69E-01 | 8.27E-01 |
| 2.03E+00 | INFANT | GROUND | 2.03E+00 | 2.03E+00 | 2.03E+00 | 2.03E+00 | 2.03E+00 |
| 5.91E-02 | INFANT | CLOUD | 5.91E-02 | 5.91E-02 | 5.91E-02 | 5.91E-02 | 5.91E-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 |
| ----- | | | | | | | |
| 2.86E+01 | INFANT | TOTALS | 3.00E+01 | 2.89E+01 | 2.08E+02 | 2.86E+00 | 2.92E+00 |
| ----- | | | | | | | |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| ----- | | | | | | | |
| 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.

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 2.86E+01 | TEENAGE | TOTALS | 1.11E+01 | 3.03E+01 | 5.40E+01 | 2.60E+00 | 3.08E+00 |
| BRONCHI | | | | | | | |
| 2.65E+01 | ADULT | INHAL. | 7.69E+00 | 2.39E+01 | 4.29E+01 | 1.28E-01 | 1.38E-01 |
| 2.03E+00 | ADULT | GROUND | 2.03E+00 | 2.03E+00 | 2.03E+00 | 2.03E+00 | 2.03E+00 |
| 5.91E-02 | ADULT | CLOUD | 5.91E-02 | 5.91E-02 | 5.91E-02 | 5.91E-02 | 5.91E-02 |
| 0.00E+00 | 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 |

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

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

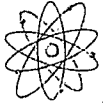
NUMBER 20 NAME=SF ENE X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10

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

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 2.24E+01 | 2.28E+01 | 1.76E+02 | 6.27E-01 | 6.93E-01 |
| 1.61E-01 | INFANT | GROUND | 1.61E-01 | 1.61E-01 | 1.61E-01 | 1.61E-01 | 1.61E-01 |
| 4.45E-07 | INFANT | CLOUD | 4.45E-07 | 4.45E-07 | 4.45E-07 | 4.45E-07 | 4.45E-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 |

| | | | | | | | |
|----------|--------|--------|----------|----------|----------|----------|----------|
| 1.61E-01 | INFANT | TOTALS | 2.26E+01 | 2.30E+01 | 1.76E+02 | 7.88E-01 | 8.54E-01 |
|----------|--------|--------|----------|----------|----------|----------|----------|

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|-------|---------|----------|----------|----------|----------|----------|
| 0.00E+00 | CHILD | INHAL. | 1.09E+01 | 1.97E+01 | 8.43E+01 | 2.63E-01 | 2.66E-01 |
| 1.61E-01 | CHILD | GROUND | 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

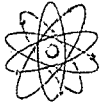
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

PAGE 178
08/21/08

DURATION IN YRS IS...100.0

NUMBER 20 NAME=SF ENE

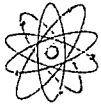
X= -3.2KM, Y= 4.2KM, Z= 0.0M, DIST= 5.3KM, IRTYPE=10



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 |
| 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 |
| 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.

| TEENAGE | TOTALS | 9.49E+00 | 2.58E+01 | 4.60E+01 | 2.23E+00 | 2.63E+00 |
|----------|----------|----------|----------|----------|----------|----------|
| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| 2.44E+01 | | | | | | |
| BRONCHI | | | | | | |
| ADULT | INHAL. | 6.55E+00 | 2.03E+01 | 3.66E+01 | 1.10E-01 | 1.18E-01 |
| 2.26E+01 | | | | | | |
| ADULT | GROUND | 1.73E+00 | 1.73E+00 | 1.73E+00 | 1.73E+00 | 1.73E+00 |
| 1.73E+00 | | | | | | |
| ADULT | CLOUD | 5.95E-02 | 5.95E-02 | 5.95E-02 | 5.95E-02 | 5.95E-02 |
| 5.95E-02 | | | | | | |
| 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 |
| 0.00E+00 | | | | | | |
| ADULT | TOTALS | 8.68E+00 | 2.65E+01 | 3.88E+01 | 2.35E+00 | 2.90E+00 |
| 2.44E+01 | | | | | | |

1REGION: Dewey Burdock
METSET:

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

PAGE 179
08/21/08

TIME STEP NUMBER 2,

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

| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|----------|----------|----------|----------|----------|----------|
| BRONCHI | | | | | | |
| INFANT | INHAL. | 3.00E+01 | 3.06E+01 | 2.35E+02 | 8.40E-01 | 9.29E-01 |
| 0.00E+00 | | | | | | |
| INFANT | GROUND | 2.16E-01 | 2.16E-01 | 2.16E-01 | 2.16E-01 | 2.16E-01 |
| 2.16E-01 | | | | | | |
| INFANT | CLOUD | 5.97E-07 | 5.97E-07 | 5.97E-07 | 5.97E-07 | 5.97E-07 |
| 5.97E-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 | 3.03E+01 | 3.08E+01 | 2.36E+02 | 1.06E+00 | 1.14E+00 |
| 2.16E-01 | | | | | | |
| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | | | | | | |



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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

3.28E+01
2.32E+00
7.65E-02
0.00E+00
0.00E+00
0.00E+00

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

3.52E+01

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

BRONCHI

3.28E+01
2.32E+00
7.65E-02
0.00E+00
0.00E+00
0.00E+00

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

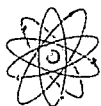
3.52E+01

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

BRONCHI

3.28E+01
2.32E+00
7.65E-02
0.00E+00
0.00E+00

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

REGION: Dewey Burdock
METSET:

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

PAGE 181
08/21/08

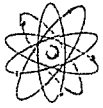
DURATION IN YRS IS...100.0

NUMBER 22 NAME=SF SSE

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

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

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 | CODE: MILDOS-AREA (02/97) | PAGE 182 |
| METSET: | DATA: DB.MIL | 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 | |

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

| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 3.67E+01 | INFANT | INHAL. | 2.75E+01 | 2.58E+01 | 1.98E+02 | 8.25E-01 | 8.27E-01 |
| 1.95E+00 | INFANT | GROUND | 1.95E+00 | 1.95E+00 | 1.95E+00 | 1.95E+00 | 1.95E+00 |
| 2.07E-01 | INFANT | CLOUD | 2.07E-01 | 2.07E-01 | 2.07E-01 | 2.07E-01 | 2.07E-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 |

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

| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 3.67E+01 | CHILD | INHAL. | 1.45E+01 | 2.23E+01 | 9.51E+01 | 3.49E-01 | 3.21E-01 |
| 1.95E+00 | CHILD | GROUND | 1.95E+00 | 1.95E+00 | 1.95E+00 | 1.95E+00 | 1.95E+00 |
| 2.07E-01 | CHILD | CLOUD | 2.07E-01 | 2.07E-01 | 2.07E-01 | 2.07E-01 | 2.07E-01 |
| 0.00E+00 | 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 |

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

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



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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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

REGION: 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

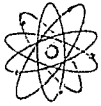
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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



POWERTECH (USA) Inc.

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | ADULT | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 2.64E-01 | ADULT | TOTALS | 9.35E+00 | 4.09E+01 | 6.11E+01 | 1.16E+00 | 2.07E+00 |

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

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

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

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

1.02E-01 INFANT TOTALS 1.43E+01 1.45E+01 1.11E+02 4.97E-01 5.39E-01

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

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

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

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

1 REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)

PAGE 186

DATA: DB.MIL

08/21/08

TIME STEP NUMBER 2, .

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

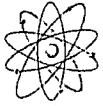
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 2.48E+01 | INFANT | INHAL. | 1.57E+01 | 1.44E+01 | 1.11E+02 | 5.17E-01 | 4.85E-01 |
| 1.09E+00 | INFANT | GROUND | 1.09E+00 | 1.09E+00 | 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 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 2.48E+01 | ADULT | INHAL. | 4.77E+00 | 1.29E+01 | 2.31E+01 | 8.49E-02 | 8.22E-02 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

IREGION: 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

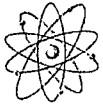
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

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

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | |
| 1.32E-01 | INFANT | TOTALS | 1.86E+01 | 1.89E+01 | 1.45E+02 | 6.48E-01 | 7.02E-01 |
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | | | | | | | |
| ----- | | | | | | | |
| 0.00E+00 | CHILD | INHAL. | 8.99E+00 | 1.62E+01 | 6.94E+01 | 2.16E-01 | 2.19E-01 |
| 1.32E-01 | CHILD | GROUND | 1.32E-01 | 1.32E-01 | 1.32E-01 | 1.32E-01 | 1.32E-01 |
| 3.66E-07 | CHILD | CLOUD | 3.66E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 |
| 0.00E+00 | 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 |
| ----- | | | | | | | |
| 1.32E-01 | CHILD | TOTALS | 9.24E+00 | 1.79E+01 | 6.96E+01 | 5.02E-01 | 6.99E-01 |
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | | | | | | | |
| ----- | | | | | | | |
| 0.00E+00 | TEENAGE | INHAL. | 5.02E+00 | 1.72E+01 | 3.61E+01 | 1.02E-01 | 1.20E-01 |
| 1.32E-01 | TEENAGE | GROUND | 1.32E-01 | 1.32E-01 | 1.32E-01 | 1.32E-01 | 1.32E-01 |
| 3.66E-07 | TEENAGE | CLOUD | 3.66E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 |
| 0.00E+00 | 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 |
| ----- | | | | | | | |
| 1.32E-01 | TEENAGE | TOTALS | 5.35E+00 | 1.99E+01 | 3.65E+01 | 4.84E-01 | 8.22E-01 |
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | | | | | | | |
| ----- | | | | | | | |
| 0.00E+00 | ADULT | INHAL. | 4.27E+00 | 1.67E+01 | 3.01E+01 | 8.56E-02 | 9.50E-02 |
| 1.32E-01 | ADULT | GROUND | 1.32E-01 | 1.32E-01 | 1.32E-01 | 1.32E-01 | 1.32E-01 |
| 3.66E-07 | ADULT | CLOUD | 3.66E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 | 3.66E-07 |
| 0.00E+00 | 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 |



POWERTECH (USA) Inc.

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

IREGION: Dewey Burdock CODE: MILDOS-AREA (02/97) PAGE 188
 METSET: DATA: DB.MIL 08/21/08
 TIME STEP NUMBER 2, 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 |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 2.14E+01 | INFANT | INHAL. | 1.97E+01 | 1.88E+01 | 1.44E+02 | 5.78E-01 | 5.94E-01 |
| 1.42E+00 | INFANT | GROUND | 1.42E+00 | 1.42E+00 | 1.42E+00 | 1.42E+00 | 1.42E+00 |
| 1.11E-01 | INFANT | CLOUD | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-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 |

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

| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 2.14E+01 | CHILD | INHAL. | 1.03E+01 | 1.62E+01 | 6.94E+01 | 2.44E-01 | 2.30E-01 |
| 1.42E+00 | CHILD | GROUND | 1.42E+00 | 1.42E+00 | 1.42E+00 | 1.42E+00 | 1.42E+00 |
| 1.11E-01 | CHILD | CLOUD | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-01 | 1.11E-01 |
| 0.00E+00 | 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 |

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

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



POWERTECH (USA) Inc.

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|----------|---------|----------|----------|----------|----------|----------|----------|
| ----- | | | | | | | |
| 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

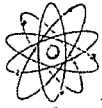
DURATION IN YRS IS...100.0

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.

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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 |
| 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 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

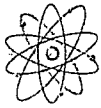
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|---------|-----|---------|----------|------|----------|-------|--------|
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|---------|-----|---------|----------|------|----------|-------|--------|

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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.

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2.03E+01  TEENAGE  INHAL.  9.59E+00  2.87E+01  6.02E+01  1.78E-01  2.03E-01
2.37E+00  TEENAGE  GROUND  2.37E+00  2.37E+00  2.37E+00  2.37E+00  2.37E+00
7.26E-02  TEENAGE  CLOUD  7.26E-02  7.26E-02  7.26E-02  7.26E-02  7.26E-02
0.00E+00  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
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2.28E+01  TEENAGE  TOTALS  1.24E+01  3.54E+01  6.31E+01  3.04E+00  3.60E+00
BRONCHI  AGE  PATHWAY  EFFECTIV  BONE  AVG.LUNG  LIVER  KIDNEY
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2.03E+01  ADULT  INHAL.  8.34E+00  2.79E+01  5.01E+01  1.49E-01  1.62E-01
2.37E+00  ADULT  GROUND  2.37E+00  2.37E+00  2.37E+00  2.37E+00  2.37E+00
7.26E-02  ADULT  CLOUD  7.26E-02  7.26E-02  7.26E-02  7.26E-02  7.26E-02
0.00E+00  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
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-----
2.28E+01  ADULT  TOTALS  1.12E+01  3.64E+01  5.32E+01  3.20E+00  3.96E+00
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1REGION: Dewey Burdock          CODE: MILDOS-AREA (02/97)          PAGE 191
METSET:                          DATA: DB.MIL                      08/21/08
                                TIME STEP NUMBER 2,                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
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BRONCHI  AGE  PATHWAY  EFFECTIV  BONE  AVG.LUNG  LIVER  KIDNEY
-----
0.00E+00  INFANT  INHAL.  3.65E+01  3.72E+01  2.86E+02  1.02E+00  1.13E+00
2.62E-01  INFANT  GROUND  2.62E-01  2.62E-01  2.62E-01  2.62E-01  2.62E-01
7.26E-07  INFANT  CLOUD  7.26E-07  7.26E-07  7.26E-07  7.26E-07  7.26E-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
-----

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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

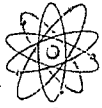
2.62E-01 ADULT GROUND 2.62E-01 2.62E-01 2.62E-01 2.62E-01 2.62E-01

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

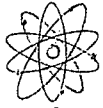
X= -6.0KM, Y= 3.2KM, Z= 0.0M, DIST= 6.8KM, IRTYPE=10

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

| AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|---------|----------|----------|----------|----------|----------|
| BRONCHI | | | | | | |
| INFANT | INHAL. | 3.76E+01 | 3.72E+01 | 2.86E+02 | 1.06E+00 | 1.14E+00 |
| 1.83E+01 | INFANT | GROUND | 2.82E+00 | 2.82E+00 | 2.82E+00 | 2.82E+00 |
| 2.82E+00 | INFANT | CLOUD | 5.30E-02 | 5.30E-02 | 5.30E-02 | 5.30E-02 |
| 5.30E-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 | | | | | | |

| | | | | | | | |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 2.12E+01 | INFANT | TOTALS | 4.05E+01 | 4.01E+01 | 2.89E+02 | 3.93E+00 | 4.01E+00 |
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | | | | | | | |
| CHILD | INHAL. | 1.89E+01 | 3.21E+01 | 1.37E+02 | 4.44E-01 | 4.40E-01 | |
| 1.83E+01 | CHILD | GROUND | 2.82E+00 | 2.82E+00 | 2.82E+00 | 2.82E+00 | |
| 2.82E+00 | CHILD | CLOUD | 5.30E-02 | 5.30E-02 | 5.30E-02 | 5.30E-02 | |
| 5.30E-02 | CHILD | VEG. ING | 2.08E-01 | 2.70E+00 | 2.46E-01 | 2.46E-01 | |
| 0.00E+00 | CHILD | MEAT ING | 2.90E-02 | 3.86E-01 | 6.13E-02 | 6.13E-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 |
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| BRONCHI | | | | | | | |
| TEENAGE | INHAL. | 1.10E+01 | 3.41E+01 | 7.16E+01 | 2.09E-01 | 2.40E-01 | |
| 1.83E+01 | TEENAGE | GROUND | 2.82E+00 | 2.82E+00 | 2.82E+00 | 2.82E+00 | |
| 2.82E+00 | 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 |
|----------|---------|----------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

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

PAGE 193
08/21/08

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

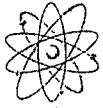
NUMBER 28 NAME=SF W X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

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

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

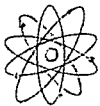
| | | | | | | | |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 6.03E+01 | 6.15E+01 | 4.72E+02 | 1.69E+00 | 1.86E+00 |
| 4.33E-01 | INFANT | GROUND | 4.33E-01 | 4.33E-01 | 4.33E-01 | 4.33E-01 | 4.33E-01 |
| 1.20E-06 | INFANT | CLOUD | 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 |
|----------|--------|--------|----------|----------|----------|----------|----------|



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

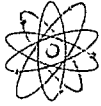
X= -6.0KM, Y= 3.6KM, Z= 0.0M, DIST= 7.0KM, IRTYPE=10

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

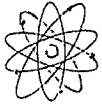
NUMBER 29 NAME=SF WNW X= -5.4KM, Y= 3.7KM, Z= 0.0M, DIST= 6.5KM, IRTYPE=10

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

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

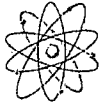
| | | | | | | | |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 2.21E+02 | 2.25E+02 | 1.73E+03 | 6.18E+00 | 6.83E+00 |
| 1.59E+00 | INFANT | GROUND | 1.59E+00 | 1.59E+00 | 1.59E+00 | 1.59E+00 | 1.59E+00 |
| 4.39E-06 | INFANT | CLOUD | 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 | | | | | | | |
| 2.46E+01 | INFANT | INHAL. | 2.22E+02 | 2.25E+02 | 1.73E+03 | 6.21E+00 | 6.84E+00 |
| 1.70E+01 | INFANT | GROUND | 1.70E+01 | 1.70E+01 | 1.70E+01 | 1.70E+01 | 1.70E+01 |
| 3.98E-02 | INFANT | CLOUD | 3.98E-02 | 3.98E-02 | 3.98E-02 | 3.98E-02 | 3.98E-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 |

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

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|-------|----------|----------|----------|----------|----------|----------|
| BRONCHI | | | | | | | |
| 2.46E+01 | CHILD | INHAL. | 1.09E+02 | 1.95E+02 | 8.31E+02 | 2.60E+00 | 2.63E+00 |
| 1.70E+01 | CHILD | GROUND | 1.70E+01 | 1.70E+01 | 1.70E+01 | 1.70E+01 | 1.70E+01 |
| 3.98E-02 | CHILD | CLOUD | 3.98E-02 | 3.98E-02 | 3.98E-02 | 3.98E-02 | 3.98E-02 |
| 0.00E+00 | 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 |

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

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|---------|---------|----------|----------|----------|----------|----------|
| BRONCHI | | | | | | | |
| 2.46E+01 | TEENAGE | INHAL. | 6.16E+01 | 2.07E+02 | 4.33E+02 | 1.23E+00 | 1.44E+00 |
| 1.70E+01 | TEENAGE | GROUND | 1.70E+01 | 1.70E+01 | 1.70E+01 | 1.70E+01 | 1.70E+01 |
| 3.98E-02 | TEENAGE | CLOUD | 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

PAGE 197
08/21/08

TIME STEP NUMBER 2,

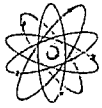
DURATION IN YRS IS...100.0

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

1.63E+00 INFANT TOTALS 2.29E+02 2.33E+02 1.78E+03 7.98E+00 8.65E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 CHILD INHAL. 1.11E+02 2.00E+02 8.54E+02 2.66E+00 2.69E+00

1.63E+00 CHILD GROUND 1.63E+00 1.63E+00 1.63E+00 1.63E+00 1.63E+00

4.51E-06 CHILD CLOUD 4.51E-06 4.51E-06 4.51E-06 4.51E-06 4.51E-06

0.00E+00 CHILD VEG. ING 1.29E+00 1.68E+01 1.52E+00 1.52E+00 3.81E+00

0.00E+00 CHILD MEAT ING 1.80E-01 2.39E+00 3.79E-01 3.79E-01 4.80E-01

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

1.63E+00 CHILD TOTALS 1.14E+02 2.21E+02 8.58E+02 6.19E+00 8.61E+00

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 TEENAGE INHAL. 6.18E+01 2.12E+02 4.45E+02 1.26E+00 1.48E+00

1.63E+00 TEENAGE GROUND 1.63E+00 1.63E+00 1.63E+00 1.63E+00 1.63E+00

4.51E-06 TEENAGE CLOUD 4.51E-06 4.51E-06 4.51E-06 4.51E-06 4.51E-06

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 3.88E+00 6.16E-01 6.16E-01 7.79E-01

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

1.63E+00 TEENAGE TOTALS 6.59E+01 2.45E+02 4.50E+02 5.96E+00 1.01E+01

BRONCHI AGE PATHWAY EFFECTIV BONE AVG.LUNG LIVER KIDNEY

0.00E+00 ADULT INHAL. 5.26E+01 2.06E+02 3.70E+02 1.06E+00 1.17E+00

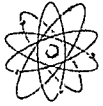
1.63E+00 ADULT GROUND 1.63E+00 1.63E+00 1.63E+00 1.63E+00 1.63E+00

4.51E-06 ADULT CLOUD 4.51E-06 4.51E-06 4.51E-06 4.51E-06 4.51E-06

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 5.10E-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



POWERTech (USA) Inc.

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-----
ADULT      TOTALS      5.77E+01      2.52E+02      3.77E+02      7.16E+00      1.28E+01
1.63E+00

```

1REGION: Dewey Burdock
METSET:

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

PAGE 198
08/21/08

TIME STEP NUMBER 2,

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
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
3.04E+01
INFANT   GROUND       1.75E+01     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
3.88E-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

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-----
INFANT   TOTALS       2.46E+02     2.49E+02     1.80E+03     2.39E+01     2.46E+01
4.80E+01

```

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BRONCHI
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
3.04E+01
CHILD    GROUND       1.75E+01     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
3.88E-02
CHILD    VEG. ING     1.29E+00     1.68E+01     1.52E+00     1.52E+00     3.81E+00
0.00E+00

CHILD    MEAT ING     1.80E-01     2.39E+00     3.80E-01     3.80E-01     4.80E-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       1.32E+02     2.37E+02     8.74E+02     2.21E+01     2.45E+01
4.80E+01

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BRONCHI
AGE      PATHWAY      EFFECTIV      BONE      AVG.LUNG      LIVER      KIDNEY

```



POWERTECH (USA) Inc.

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-----
0.00E+00  TEENAGE  INHAL.  6.37E+01  2.12E+02  4.45E+02  1.26E+00  1.48E+00
3.04E+01  TEENAGE  GROUND  1.75E+01  1.75E+01  1.75E+01  1.75E+01  1.75E+01
1.75E+01  TEENAGE  CLOUD  3.88E-02  3.88E-02  3.88E-02  3.88E-02  3.88E-02
3.88E-02  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
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
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

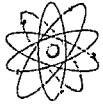
NUMBER 31 NAME=SF NNW X= -5.2KM, Y= 4.1KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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
0.00E+00

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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.

1 REGION: 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 |

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 |

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 |
|----------|---------|----------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 | 8.17E+01 | 2.55E+02 | 4.55E+02 | 2.14E+01 | 2.54E+01 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 3.09E+01 | ADULT | INHAL. | 5.32E+01 | 2.01E+02 | 3.62E+02 | 1.04E+00 | 1.15E+00 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 1.71E+01 | ADULT | GROUND | 1.71E+01 | 1.71E+01 | 1.71E+01 | 1.71E+01 | 1.71E+01 |
|----------|-------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|-------|----------|----------|----------|----------|----------|
| 4.51E-02 | ADULT | CLOUD | 4.51E-02 | 4.51E-02 | 4.51E-02 | 4.51E-02 | 4.51E-02 |
|----------|-------|-------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)

PAGE 201

DATA: DB.MIL

08/21/08

TIME STEP NUMBER 2,

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 |
|---------|-----|---------|----------|------|----------|-------|--------|

| | | | | | | | |
|----------|--------|--------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 3.72E+01 | 3.79E+01 | 2.91E+02 | 1.04E+00 | 1.15E+00 |
|----------|--------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|--------|--------|----------|----------|----------|----------|----------|
| 2.67E-01 | INFANT | GROUND | 2.67E-01 | 2.67E-01 | 2.67E-01 | 2.67E-01 | 2.67E-01 |
|----------|--------|--------|----------|----------|----------|----------|----------|

| | | | | | | | |
|----------|--------|-------|----------|----------|----------|----------|----------|
| 7.39E-07 | INFANT | CLOUD | 7.39E-07 | 7.39E-07 | 7.39E-07 | 7.39E-07 | 7.39E-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 |
|----------|--------|----------|----------|----------|----------|----------|----------|

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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 |
|----------|--------|--------|----------|----------|----------|----------|----------|



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

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|----------|---------|----------|----------|----------|----------|----------|----------|
| 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

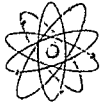
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

| | | | | | | | |
|---------|-----|---------|----------|------|----------|-------|--------|
| 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 |

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|----------|--------|--------|----------|----------|----------|----------|----------|
| 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 |

IREGION: 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

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

| | TEENAGE | MILK ING | 0.00E+00 | 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 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| ----- | | | | | | | |
| 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 |

IREGION: Dewey Burdock
METSET:

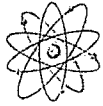
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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



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

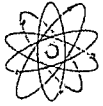
DURATION IN YRS IS...100.0

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 |
| 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 |
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

IREGION: 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

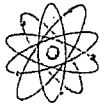
X= -6.6KM, Y= 3.8KM, Z= 0.0M, DIST= 7.7KM, IRTYPE=10

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

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

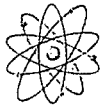
| | | | | | | | |
|----------|--------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | INHAL. | 2.40E+01 | 2.44E+01 | 1.88E+02 | 6.71E-01 | 7.41E-01 |
| 1.72E-01 | INFANT | GROUND | 1.72E-01 | 1.72E-01 | 1.72E-01 | 1.72E-01 | 1.72E-01 |
| 4.76E-07 | INFANT | CLOUD | 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 |
|----------|--------|--------|----------|----------|----------|----------|----------|



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

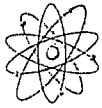
DURATION IN YRS IS...100.0

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

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

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|----------|-------|--------|----------|----------|----------|----------|----------|
| 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

PAGE 209
08/21/08

TIME STEP NUMBER 2,

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 |
|----------|--------|----------|----------|----------|----------|----------|----------|

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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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|----------|--------|--------|----------|----------|----------|----------|----------|
| 6.80E-02 | INFANT | TOTALS | 9.55E+00 | 9.73E+00 | 7.43E+01 | 3.33E-01 | 3.61E-01 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

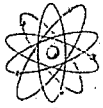
1REGION: Dewey Burdock
METSET:

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

9.47E+00

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

9.47E+00

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

9.47E+00

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

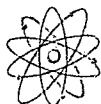
| | | | | | | |
|---------|-------|----------|----------|----------|----------|----------|
| TEENAGE | CLOUD | 6.20E-02 | 6.20E-02 | 6.20E-02 | 6.20E-02 | 6.20E-02 |
|---------|-------|----------|----------|----------|----------|----------|

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.

| | TEENAGE | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | ----- | | | | | | |
| 1.03E+01 | TEENAGE | TOTALS | 4.05E+00 | 1.10E+01 | 1.95E+01 | 9.93E-01 | 1.16E+00 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| | ----- | | | | | | |
| 9.47E+00 | ADULT | INHAL. | 2.77E+00 | 8.60E+00 | 1.55E+01 | 5.43E-02 | 5.38E-02 |
| 7.32E-01 | ADULT | GROUND | 7.32E-01 | 7.32E-01 | 7.32E-01 | 7.32E-01 | 7.32E-01 |
| 6.20E-02 | ADULT | CLOUD | 6.20E-02 | 6.20E-02 | 6.20E-02 | 6.20E-02 | 6.20E-02 |
| 0.00E+00 | ADULT | VEG. ING | 1.24E-01 | 1.60E+00 | 1.49E-01 | 1.49E-01 | 3.66E-01 |
| 0.00E+00 | ADULT | MEAT ING | 2.18E-02 | 2.89E-01 | 4.65E-02 | 4.65E-02 | 5.82E-02 |

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | ADULT | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| | ----- | | | | | | |
| 1.03E+01 | ADULT | TOTALS | 3.70E+00 | 1.13E+01 | 1.65E+01 | 1.04E+00 | 1.27E+00 |

1REGION: Dewey Burdock
METSET:

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

PAGE 211
08/21/08

DURATION IN YRS IS...100.0

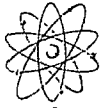
NUMBER 37 NAME=Englebert Ranch X= 0.3KM, Y= -4.8KM, Z= 0.0M, DIST= 4.8KM, IRTYPE=10

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

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| BRONCHI | ----- | | | | | | |
| 0.00E+00 | INFANT | INHAL. | 2.08E+01 | 2.11E+01 | 1.63E+02 | 5.80E-01 | 6.41E-01 |
| 1.49E-01 | INFANT | GROUND | 1.49E-01 | 1.49E-01 | 1.49E-01 | 1.49E-01 | 1.49E-01 |
| 4.13E-07 | INFANT | CLOUD | 4.13E-07 | 4.13E-07 | 4.13E-07 | 4.13E-07 | 4.13E-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 |

| | | | | | | | |
|----------|--------|--------|----------|----------|----------|----------|----------|
| 1.49E-01 | INFANT | TOTALS | 2.09E+01 | 2.13E+01 | 1.63E+02 | 7.29E-01 | 7.90E-01 |
|----------|--------|--------|----------|----------|----------|----------|----------|

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



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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|---------|--------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

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

| | | | | | | | |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|



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 |
|--------|--------|--|----------|----------|----------|----------|----------|

BRONCHI

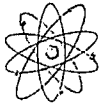
| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|-------|----------|----------|----------|----------|----------|----------|
| 2.53E+01 | CHILD | INHAL. | 1.17E+01 | 1.83E+01 | 7.81E+01 | 3.53E-01 | 2.92E-01 |
| 1.60E+00 | CHILD | GROUND | 1.60E+00 | 1.60E+00 | 1.60E+00 | 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 |
|-------|--------|--|----------|----------|----------|----------|----------|

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.

| | TEENAGE | MILK ING | 0.00E+00 | 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 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| | ----- | | | | | | |
| 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 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| | ----- | | | | | | |
| | ----- | | | | | | |



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 |
|----------|-------|--------|----------|----------|----------|----------|----------|

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

| | | | | | | | |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 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 |
|----------|---------|--------|----------|----------|----------|----------|----------|

BRONCHI AGE PATHWAY EFFECTIV BONE AVG. LUNG LIVER KIDNEY

| | | | | | | | |
|----------|-------|--------|----------|----------|----------|----------|----------|
| 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 |
|----------|-------|--------|----------|----------|----------|----------|----------|



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 |
| ----- | | | | | | | |
| 2.36E+01 | INFANT | INHAL. | 2.04E+01 | 1.94E+01 | 1.49E+02 | 6.96E-01 | 6.51E-01 |
| 1.47E+00 | INFANT | GROUND | 1.47E+00 | 1.47E+00 | 1.47E+00 | 1.47E+00 | 1.47E+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 |
| ----- | | | | | | | |
| 2.53E+01 | INFANT | TOTALS | 2.21E+01 | 2.10E+01 | 1.50E+02 | 2.32E+00 | 2.28E+00 |
| ----- | | | | | | | |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| ----- | | | | | | | |
| 2.36E+01 | CHILD | INHAL. | 1.07E+01 | 1.67E+01 | 7.15E+01 | 2.96E-01 | 2.55E-01 |
| 1.47E+00 | CHILD | GROUND | 1.47E+00 | 1.47E+00 | 1.47E+00 | 1.47E+00 | 1.47E+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 | 1.11E-01 | 1.43E+00 | 1.35E-01 | 1.35E-01 | 3.25E-01 |
| 0.00E+00 | CHILD | MEAT ING | 1.55E-02 | 2.05E-01 | 3.32E-02 | 3.32E-02 | 4.14E-02 |
| 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 |
| ----- | | | | | | | |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| ----- | | | | | | | |
| 2.36E+01 | TEENAGE | INHAL. | 6.60E+00 | 1.78E+01 | 3.73E+01 | 1.36E-01 | 1.38E-01 |
| 1.47E+00 | TEENAGE | GROUND | 1.47E+00 | 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 | 1.62E-01 |
| 0.00E+00 | TEENAGE | VEG. ING | 1.81E-01 | 2.34E+00 | 2.19E-01 | 2.19E-01 | 5.33E-01 |



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

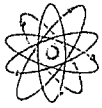
NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, IRTYPE=10

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 |
|----------|--------|--------|----------|----------|----------|----------|----------|



POWERTECH (USA) Inc.

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



1REGION: Dewey Burdock
METSET:

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

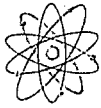
PAGE 216
08/21/08

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 | | | | | | | |
| 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 | | | | | | | |
| 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 |



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| | TEENAGE | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 0.00E+00 | | | | | | | |
| ----- | | | | | | | |
| 2.25E+01 | TEENAGE | TOTALS | 6.13E+00 | 1.52E+01 | 2.68E+01 | 1.50E+00 | 1.70E+00 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
| ----- | | | | | | | |
| 2.13E+01 | ADULT | INHAL. | 4.29E+00 | 1.18E+01 | 2.11E+01 | 1.06E-01 | 8.89E-02 |
| 1.00E+00 | ADULT | GROUND | 1.00E+00 | 1.00E+00 | 1.00E+00 | 1.00E+00 | 1.00E+00 |
| 1.66E-01 | ADULT | CLOUD | 1.66E-01 | 1.66E-01 | 1.66E-01 | 1.66E-01 | 1.66E-01 |
| 0.00E+00 | ADULT | VEG. ING | 1.76E-01 | 2.27E+00 | 2.27E-01 | 2.27E-01 | 5.19E-01 |
| 0.00E+00 | ADULT | MEAT ING | 3.13E-02 | 4.12E-01 | 6.87E-02 | 6.87E-02 | 8.37E-02 |
| 0.00E+00 | ADULT | MILK ING | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| ----- | | | | | | | |
| 2.25E+01 | ADULT | TOTALS | 5.66E+00 | 1.56E+01 | 2.26E+01 | 1.57E+00 | 1.86E+00 |

1REGION: Dewey Burdock
METSET:

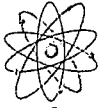
CODE: MILDOS-AREA (02/97)
DATA: DB.MIL
TIME STEP NUMBER 2,

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

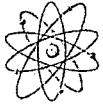
40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION, MREM/YR

| | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|--------|----------|----------|----------|----------|----------|----------|
| BRONCHI | | | | | | | |
| ----- | | | | | | | |
| 0.00E+00 | INFANT | INHAL. | 3.22E+00 | 3.27E+00 | 2.52E+01 | 8.98E-02 | 9.94E-02 |
| 2.31E-02 | INFANT | GROUND | 2.31E-02 | 2.31E-02 | 2.31E-02 | 2.31E-02 | 2.31E-02 |
| 6.40E-08 | INFANT | CLOUD | 6.40E-08 | 6.40E-08 | 6.40E-08 | 6.40E-08 | 6.40E-08 |
| 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 |
| ----- | | | | | | | |
| 2.31E-02 | INFANT | TOTALS | 3.24E+00 | 3.30E+00 | 2.52E+01 | 1.13E-01 | 1.22E-01 |
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |



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 |



POWERTECH (USA) Inc.

TIME STEP NUMBER 2,

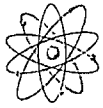
DURATION IN YRS IS...100.0

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,

PAGE 219
08/21/08
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 |
|---------|-----|---------|----------|------|----------|-------|--------|



POWERTECH (USA) Inc.

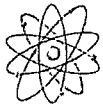
| | | | | | | | |
|----------|---------|----------|----------|----------|-----------|----------|----------|
| ----- | | | | | | | |
| 0.00E+00 | CHILD | INHAL. | 3.35E+00 | 6.05E+00 | 2.59E+01 | 8.05E-02 | 8.15E-02 |
| 4.93E-02 | CHILD | GROUND | 4.93E-02 | 4.93E-02 | 4.93E-02 | 4.93E-02 | 4.93E-02 |
| 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,

PAGE 220
08/21/08

DURATION IN YRS IS...100.0



POWERTECH (USA) Inc.

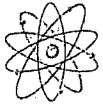
NUMBER 41 NAME=Background X= -5.3KM, Y= -3.0KM, Z= 0.0M, DIST= 6.0KM, IRTYPE=10

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

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

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

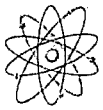
| BRONCHI | AGE | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER | KIDNEY |
|----------|---------|----------|----------|----------|----------|----------|----------|
| 1.44E+01 | TEENAGE | INHAL. | 2.74E+00 | 6.48E+00 | 1.35E+01 | 6.96E-02 | 5.98E-02 |
| 5.32E-01 | TEENAGE | GROUND | 5.32E-01 | 5.32E-01 | 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 |
| 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 |
| 0.00E+00 | ADULT | VEG. ING | 9.39E-02 | 1.21E+00 | 1.22E-01 | 1.22E-01 | 2.76E-01 |
| 0.00E+00 | ADULT | MEAT ING | 1.67E-02 | 2.20E-01 | 3.68E-02 | 3.68E-02 | 4.47E-02 |
| 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 |

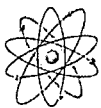
0Program execution time = 5.11 seconds



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APPENDIX 7.3-B

**MILDOS AREA SIMULATION FOR WASTE DISPOSAL
WELL**



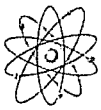
POWERTECH (USA) Inc.

11REGION: Dewey Burdock
METSET:
0

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

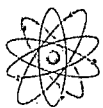
| | | | | | | | | | | | | | |
|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|
| 1.5 | 0.3930 | 0.2360 | 0.1310 | 0.1050 | 0.0790 | 0.1830 | 0.1570 | 0.3410 | 0.7340 | 0.7340 | 0.7860 | 0.4980 | 0.8650 |
| 0.8390 | 0.9170 | 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 0.0790 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 0.0260 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
6.787015.4870 5.5290 46.7500

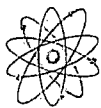
STABILITY CLASS 5

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
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
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 0.8120 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
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 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
5.057011.689021.618014.5180 100.0010



POWERTech (USA) Inc.

1REGION: Dewey Burdock
METSET:

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

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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,

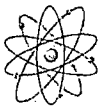
JC EQUALS 1, 1, 1, 1, 0, 0, 0, 0, 1, 0

| 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
METSET:

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

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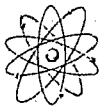
POPULATION DISTRIBUTION

| WSW | W | WNW | N | NW | NNE | NE | ENE | E | ESE | SE | SSE | S | SSW | SW |
|------------|-------|-------|-----|-------|-------|------|------|------|-------|-------|-------|-------|-------|-------|
| 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 |
| 2.0- 3.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 |
| 3.0- 4.0 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 4.0- 5.0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 5.0-10.0 | 0 | 0 | 8 | 6 | 2 | 0 | 0 | 0 | 0 | 0 | 2 | 11 | 3 | 0 |
| 10.0-20.0 | 19 | 0 | 6 | 26 | 12 | 10 | 0 | 24 | 21 | 12 | 18 | 0 | 7 | 0 |
| 20.0-30.0 | 14 | 0 | 2 | 165 | 8 | 15 | 154 | 47 | 26 | 342 | 649 | 7 | 0 | 0 |
| 30.0-40.0 | 15 | 2 | 2 | 54 | 59 | 494 | 282 | 501 | 76 | 18 | 52 | 6 | 2 | 29 |
| 40.0-50.0 | 4 | 10 | 18 | 25 | 64 | 3852 | 21 | 4651 | 329 | 32 | 7 | 18 | 2 | 18 |
| 50.0-60.0 | 28 | 0 | 57 | 25 | 229 | 391 | 73 | 278 | 183 | 12 | 30 | 2 | 25 | 21 |
| 60.0-70.0 | 8 | 22 | 58 | 39 | 780 | 1825 | 268 | 70 | 143 | 13 | 20 | 17 | 21 | 23 |
| 70.0-80.0 | 9 | 18 | 33 | 58 | 386 | 3427 | 539 | 95 | 136 | 34 | 30 | 44 | 48 | 61 |

| | | | | | | | | | | | | | | |
|----------|-----|----|-----|-----|------|-------|------|------|-----|-----|-----|-----|-----|-----|
| 1.0-80.0 | 103 | 52 | 184 | 392 | 1538 | 10014 | 1337 | 5666 | 914 | 463 | 808 | 106 | 108 | 152 |
| | | | | | 192 | 4914 | | | | | | | | |

TOTAL 1-80 KM POPULATION IS 26943 PERSONS



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

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

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NUMBER OF SOURCES= 4

| PSIZE NO. SET | KM M/SEC X | KM Y | M Z | KM2 AREA | CI/YEAR | | | | | ID |
|---------------------|------------------|---------------|-------------|-------------|----------|----------|----------|----------|----------|------|
| | EXIT | VEL | SOURCE NAME | U-238 | Th-230 | Ra-226 | Pb-210 | Rn-222 | | |
| 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 |
| 1 | 3.30E+00 | SF | | | | | | | | |
| 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 |
| 1 | 0.00E+00 | CPP Wellfield | | | | | | | | |
| 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 |
| 1 | 0.00E+00 | SF Wellfield | | | | | | | | |
| 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 |
| 1 | 3.30E+00 | CPP | | | | | | | | |

| DISTRIBUTION | INPUT TAILS ACTIVITIES, PCI/G | | | | AMAD AND FRACTIONAL | | | | |
|--------------|-------------------------------|---------|----------|----------|---------------------|----------|-----|-------|-------|
| | SET | URANIUM | THORIUM | RADIUM | LEAD | SET | 1.5 | 3.0 | 7.7 |
| 54.0 | | | | | | | | | |
| 0.000 | 0.000 | 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 |
| 0.300 | 0.700 | 3 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 | 3 | 0.000 | 0.000 |

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

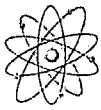
| SOURCE | TSTEP 1 | TSTEP 2 | TSTEP 3 | TSTEP 4 | TSTEP 5 | TSTEP 6 | TSTEP 7 |
|---------|---------|-----------|---------|---------|---------|---------|---------|
| TSTEP 8 | TSTEP 9 | TSTEP10 | | | | | |
| NUMBER | 5.00YRS | 100.00YRS | 5.00YRS | 5.00YRS | 5.00YRS | 5.00YRS | 5.00YRS |
| 5.00YRS | 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 | | | | | |
| 2 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 |
| 1.000E+00 | 1.000E+00 | 1.000E+00 | | | | | |
| 3 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 |
| 1.000E+00 | 1.000E+00 | 1.000E+00 | | | | | |
| 4 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 |
| 1.000E+00 | 1.000E+00 | 1.000E+00 | | | | | |

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 | | | | | |
| 2 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 |
| 1.000E+00 | 1.000E+00 | 1.000E+00 | | | | | |
| 3 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 |
| 1.000E+00 | 1.000E+00 | 1.000E+00 | | | | | |
| 4 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 | 1.000E+00 |
| 1.000E+00 | 1.000E+00 | 1.000E+00 | | | | | |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

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

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TIME STEP NUMBER 1,

DURATION IN YRS

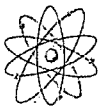
IS... 5.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0

DEGREES

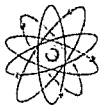
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.015E+01 | 2.002E+01 | 1.361E+01 |
| 9.042E+00 | 2.174E-05 | 1.234E-04 | 0.000E+00 | 0.000E+00 | 1.436E+01 | 1.432E+01 | 1.125E+01 |
| 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 | 0.000E+00 | 0.000E+00 | 1.149E+01 | 1.147E+01 | 9.714E+00 |
| 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 | 0.000E+00 | 0.000E+00 | 8.391E+00 | 8.387E+00 | 7.481E+00 |
| 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 | 0.000E+00 | 0.000E+00 | 4.867E+00 | 4.868E+00 | 4.674E+00 |
| 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 | 0.000E+00 | 0.000E+00 | 2.233E+00 | 2.234E+00 | 2.228E+00 |
| 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 | 0.000E+00 | 0.000E+00 | 1.265E+00 | 1.265E+00 | 1.269E+00 |
| 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 | 0.000E+00 | 0.000E+00 | 8.450E-01 | 8.455E-01 | 8.493E-01 |
| 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 | 0.000E+00 | 0.000E+00 | 6.188E-01 | 6.192E-01 | 6.222E-01 |
| 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 | 0.000E+00 | 0.000E+00 | 4.798E-01 | 4.801E-01 | 4.824E-01 |
| 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 | 0.000E+00 | 0.000E+00 | 3.865E-01 | 3.867E-01 | 3.886E-01 |
| 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 | 0.000E+00 | 0.000E+00 | 3.200E-01 | 3.202E-01 | 3.218E-01 |
| 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 | | | | | |

| XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|--------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 214 | | | | | | | |
| 1.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.134E+01 |
| 2.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 9.082E+00 |
| 3.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.643E+00 |
| 4.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.856E+00 |
| 7.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.770E+00 |
| 15.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.002E+00 |
| 25.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.696E-01 |
| 35.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.904E-01 |
| 45.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.802E-01 |
| 55.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.063E-01 |
| 65.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.536E-01 |
| 75.0 | 0.000E+00 | 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

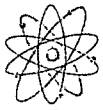
PAGE 7
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IS... 5.0
TIME STEP NUMBER 1, DURATION IN YRS

CONCENTRATION DATA FOR THE E DIRECTION, THETA EQUALS 90.0 DEGREES

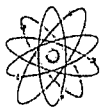
| XRHO, KM Bi-214 | U-238 | | Th-230 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | |
|--------------------|-----------|-----------|-----------|--|-----------|-----------|-----------|-----------|
| | Pb-210 | WL | WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 0.000E+00 | 3.284E-01 | 3.286E-01 | 3.300E-01 |
| 3.309E-01 | 3.248E-05 | 3.246E-06 | | | | | | |

| XRHO, KM 214 | U-238 | | Th-230 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | |
|-----------------|-----------|-----------|-----------|---------------------------------------|-----------|-----------|-----------|-----|
| | Bi-214 | Pb-210 | WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 1.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.639E+01 | |
| 2.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.076E+01 | |
| 3.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 7.933E+00 | |
| 4.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.953E+00 | |
| 7.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.805E+00 | |
| 15.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 9.993E-01 | |
| 25.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.709E-01 | |
| 35.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.947E-01 | |
| 45.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.859E-01 | |
| 55.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.127E-01 | |
| 65.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.602E-01 | |
| 75.0 | 0.000E+00 | 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

TIME STEP NUMBER 1,

DURATION IN YRS

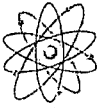
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CONCENTRATION DATA FOR THE S DIRECTION, THETA EQUALS 180.0

DEGREES

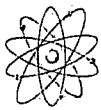
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.331E+01 | 4.292E+01 | 2.648E+01 |
| 1.553E+01 | 4.259E-05 | 2.364E-04 | 0.000E+00 | 0.000E+00 | 3.186E+01 | 3.182E+01 | 2.485E+01 |
| 2.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.482E+01 | 2.482E+01 | 2.152E+01 |
| 1.808E+01 | 5.789E-05 | 2.262E-04 | 0.000E+00 | 0.000E+00 | 2.114E+01 | 2.115E+01 | 1.937E+01 |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.305E+01 | 1.306E+01 | 1.272E+01 |
| 1.772E+01 | 7.203E-05 | 2.008E-04 | 0.000E+00 | 0.000E+00 | 6.389E+00 | 6.393E+00 | 6.370E+00 |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.548E+00 | 3.550E+00 | 3.559E+00 |
| 1.715E+01 | 8.683E-05 | 1.840E-04 | 0.000E+00 | 0.000E+00 | 2.350E+00 | 2.352E+00 | 2.361E+00 |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.708E+00 | 1.709E+00 | 1.717E+00 |
| 1.225E+01 | 1.084E-04 | 1.236E-04 | 0.000E+00 | 0.000E+00 | 1.051E+00 | 1.052E+00 | 1.057E+00 |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 8.641E-01 | 8.646E-01 | 8.688E-01 |
| 6.311E+00 | 1.198E-04 | 6.242E-05 | 0.000E+00 | 0.000E+00 | 8.548E-06 | | |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 3.558E+00 | 1.175E-04 | 3.497E-05 | 0.000E+00 | 0.000E+00 | | | |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 2.367E+00 | 1.128E-04 | 2.322E-05 | 0.000E+00 | 0.000E+00 | | | |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 1.722E+00 | 1.082E-04 | 1.689E-05 | 0.000E+00 | 0.000E+00 | | | |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 1.326E+00 | 1.040E-04 | 1.300E-05 | 0.000E+00 | 0.000E+00 | | | |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 1.060E+00 | 1.003E-04 | 1.040E-05 | 0.000E+00 | 0.000E+00 | | | |
| 75.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 8.719E-01 | 9.691E-05 | 8.548E-06 | | | | | |

| XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|--------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.520E+01 | |
| 2.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.966E+01 | |
| 2.520E+01 | 2.520E+01 | 1.206E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.675E+01 | |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.034E+01 | |
| 1.966E+01 | 1.966E+01 | 1.500E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 5.063E+00 | |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.812E+00 | |
| 1.675E+01 | 1.675E+01 | 1.809E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.863E+00 | |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.354E+00 | |
| 1.034E+01 | 1.034E+01 | 2.257E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.042E+00 | |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 8.329E-01 | |
| 5.063E+00 | 5.063E+00 | 2.495E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.848E-01 | |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 2.812E+00 | 2.812E+00 | 2.448E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.863E+00 | 1.863E+00 | 2.350E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.354E+00 | 1.354E+00 | 2.254E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.042E+00 | 1.042E+00 | 2.167E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 8.329E-01 | 8.329E-01 | 2.089E+02 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 75.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 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

PAGE 9
02/23/09

TIME STEP NUMBER 1,

DURATION IN YRS

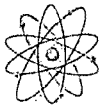
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CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0

DEGREES

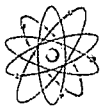
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 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 | 2.753E+01 | 2.749E+01 | 2.274E+01 |
| 1.607E+01 | 4.130E-05 | 1.911E-04 | 0.000E+00 | 0.000E+00 | 2.420E+01 | 2.419E+01 | 2.026E+01 |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 8.064E+00 | 8.066E+00 | 7.423E+00 |
| 1.774E+01 | 4.408E-05 | 2.098E-04 | 0.000E+00 | 0.000E+00 | 1.813E+00 | 1.814E+00 | 1.740E+00 |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 8.889E-01 | 8.894E-01 | 8.748E-01 |
| 1.583E+01 | 3.989E-05 | 1.867E-04 | 0.000E+00 | 0.000E+00 | 5.623E-01 | 5.626E-01 | 5.598E-01 |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.013E-01 | 4.016E-01 | 4.016E-01 |
| 6.549E+00 | 2.777E-05 | 7.037E-05 | 0.000E+00 | 0.000E+00 | 3.069E-01 | 3.071E-01 | 3.079E-01 |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.455E-01 | 2.456E-01 | 2.465E-01 |
| 1.662E+00 | 2.181E-05 | 1.689E-05 | 0.000E+00 | 0.000E+00 | 2.025E-01 | 2.027E-01 | 2.035E-01 |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.001E-06 | | |
| 8.517E-01 | 2.081E-05 | 8.528E-06 | 0.000E+00 | 0.000E+00 | | | |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 5.526E-01 | 1.963E-05 | 5.479E-06 | 0.000E+00 | 0.000E+00 | | | |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 3.994E-01 | 1.866E-05 | 3.939E-06 | 0.000E+00 | 0.000E+00 | | | |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 3.075E-01 | 1.785E-05 | 3.024E-06 | 0.000E+00 | 0.000E+00 | | | |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 2.467E-01 | 1.717E-05 | 2.423E-06 | 0.000E+00 | 0.000E+00 | | | |
| 75.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | | |
| 2.039E-01 | 1.657E-05 | 2.001E-06 | 0.000E+00 | 0.000E+00 | | | |

| XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|--------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.041E+01 | |
| 2.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.177E+01 | |
| 2.041E+01 | 2.041E+01 | 8.603E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.916E+01 | |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.389E+00 | |
| 2.177E+01 | 2.177E+01 | 9.182E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.437E+00 | |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 7.045E-01 | |
| 1.916E+01 | 1.916E+01 | 8.308E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.456E-01 | |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.181E-01 | |
| 6.389E+00 | 6.389E+00 | 5.785E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.432E-01 | |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.945E-01 | |
| 1.437E+00 | 1.437E+00 | 4.544E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.605E-01 | |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 7.045E-01 | 7.045E-01 | 4.334E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 4.456E-01 | 4.456E-01 | 4.089E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 3.181E-01 | 3.181E-01 | 3.887E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 2.432E-01 | 2.432E-01 | 3.719E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.945E-01 | 1.945E-01 | 3.576E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 75.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.605E-01 | 1.605E-01 | 3.451E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |



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... 5.0

TIME STEP NUMBER 1,

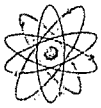
DURATION IN YRS

DEGREES

CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5

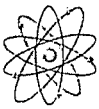
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.244E+01 | 2.212E+01 | 1.586E+01 |
| 1.157E+01 | 2.895E-05 | 1.463E-04 | 0.000E+00 | 0.000E+00 | 2.754E+01 | 2.725E+01 | 2.004E+01 |
| 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 | 0.000E+00 | 0.000E+00 | 4.036E+01 | 3.983E+01 | 2.712E+01 |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 5.068E+01 | 5.017E+01 | 3.070E+01 |
| 1.708E+01 | 2.768E-05 | 2.422E-04 | 0.000E+00 | 0.000E+00 | 9.079E+00 | 8.976E+00 | 6.490E+00 |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.882E+00 | 1.883E+00 | 1.791E+00 |
| 1.656E+01 | 2.276E-05 | 2.691E-04 | 0.000E+00 | 0.000E+00 | 2.241E-01 | 2.242E-01 | 2.252E-01 |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 4.549E+00 | 1.514E-05 | 5.912E-05 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 1.694E+00 | 2.013E-05 | 1.734E-05 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 8.267E-01 | 1.998E-05 | 8.236E-06 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 5.225E-01 | 1.909E-05 | 5.155E-06 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 3.719E-01 | 1.831E-05 | 3.656E-06 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 2.832E-01 | 1.762E-05 | 2.780E-06 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 2.258E-01 | 1.704E-05 | 2.215E-06 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 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 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |

| 214 XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|---------------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.158E+01 | |
| 2.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.154E+01 | |
| 2.158E+01 | 2.158E+01 | 6.027E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.974E+01 | |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 7.109E+00 | |
| 3.154E+01 | 3.154E+01 | 5.765E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.491E+00 | |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.748E-01 | |
| 3.974E+01 | 3.974E+01 | 4.740E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.165E-01 | |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.939E-01 | |
| 7.109E+00 | 7.109E+00 | 3.154E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.230E-01 | |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.776E-01 | |
| 1.491E+00 | 1.491E+00 | 4.192E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 | |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.441E+01 | |
| 6.748E-01 | 6.748E-01 | 4.161E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 4.165E-01 | 4.165E-01 | 3.977E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 2.939E-01 | 2.939E-01 | 3.815E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 2.230E-01 | 2.230E-01 | 3.671E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.776E-01 | 1.776E-01 | 3.550E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 75.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |
| 1.460E-01 | 1.460E-01 | 3.441E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | | |



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.

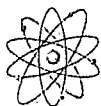
EXPOSED ORGAN IS

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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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



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 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 | 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

PAGE 14
.02/23/09

IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

EXPOSURE PATHWAY IS INHAL.

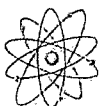
EXPOSED ORGAN IS BRONCHI

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

REM/YEAR

| XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | 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



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

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

PAGE 17
02/23/09

IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

EFFECTIV

EXPOSURE PATHWAY IS VEG. ING

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

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 18
02/23/09

IS... 5.0

TIME STEP NUMBER 1,

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 |
|-----------|------|------|------|------|------|------|------|------|------|
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |
| 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 |

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 21
02/23/09

IS... 5.0

TIME STEP NUMBER 1,

DURATION IN YRS

EFFECTIV

EXPOSURE PATHWAY IS MILK ING

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

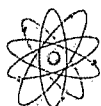
TOTAL DOSE COMMITMENT IS 0.000E+00 PERSON-REM/YR

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.

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 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 | | | | |
| | TOTALS | 8.236E+00 | 1.096E+02 | 2.010E+00 | 8.564E+00 |
| 8.360E+00 | 7.189E+01 | | | | |



POWERTECH (USA) Inc.

IREGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

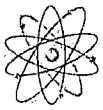
PAGE 24
02/23/09

DURATION IN YRS

IS... 5.0

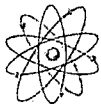
INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

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



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 | | | | | |
| ----- | | | | | | | |
| 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

PAGE 25
02/23/09

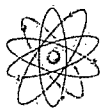
TIME STEP NUMBER 1,

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 | | | | | |
| ----- | | | | | | | |
| 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:

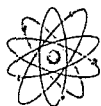
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DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

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
METSET:

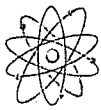
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DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 27
02/23/09
DURATION IN YRS

IS... 5.0

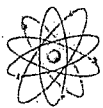
INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

| GROUND CONCENTRATIONS, PCI/M2 | | | U-238 | Th-230 | Ra-226 | Pb-210 | U-238 |
|-------------------------------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| NO. | NAME | PTSZ | | | | | |
| 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)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 28
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 | | | | | |
| ----- | | | | | | | |
| 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
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 29
02/23/09
DURATION IN YRS

IS... 5.0

INDIVIDUAL RECEPTOR PARTICULATE CONCENTRATIONS
AIRBORNE CONCENTRATIONS, PCI/M3

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

PAGE 30
02/23/09

TIME STEP NUMBER 1,

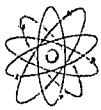
DURATION IN YRS

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,

PAGE 31
02/23/09
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 |

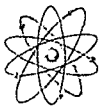
NUMBER 2 NAME=CPP NNE X= 1.1KM, Y= 2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

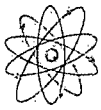
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 1.35E+01 | TOTALS | 8.89E-01 | 9.39E-02 | 8.32E-02 | 1.43E-01 |
| 9.58E-02 | CHILD 1.35E+01 | TOTALS | 8.88E-01 | 1.02E-01 | 8.58E-02 | 1.12E-01 |
| 9.20E-02 | TEENAGE 1.35E+01 | TOTALS | 8.89E-01 | 1.22E-01 | 8.76E-02 | 9.89E-02 |
| 9.29E-02 | ADULT 1.35E+01 | TOTALS | 8.89E-01 | 1.20E-01 | 8.98E-02 | 9.93E-02 |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 32
02/23/09
DURATION IN YRS

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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 1.20E-01 | INFANT 2.28E+01 | TOTALS | 1.46E+00 | 1.07E-01 | 9.61E-02 | 1.59E-01 |
| 1.09E-01 | CHILD 2.28E+01 | TOTALS | 1.46E+00 | 1.15E-01 | 9.88E-02 | 1.27E-01 |
| 1.05E-01 | TEENAGE 2.28E+01 | TOTALS | 1.46E+00 | 1.36E-01 | 1.01E-01 | 1.13E-01 |
| 1.06E-01 | ADULT 2.28E+01 | TOTALS | 1.46E+00 | 1.35E-01 | 1.03E-01 | 1.13E-01 |

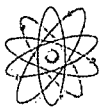
NUMBER 4 NAME=CPP ENE X= 2.6KM, Y= 1.0KM, Z= 0.0M, DIST= 2.8KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

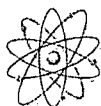
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 1.03E-01 | INFANT | TOTALS | 1.06E+00 | 9.00E-02 | 7.82E-02 | 1.44E-01 |
| 9.22E-02 | 1.64E+01 CHILD | TOTALS | 1.06E+00 | 9.87E-02 | 8.11E-02 | 1.10E-01 |
| 8.79E-02 | 1.64E+01 TEENAGE | TOTALS | 1.06E+00 | 1.21E-01 | 8.30E-02 | 9.56E-02 |
| 8.89E-02 | 1.64E+01 ADULT | TOTALS | 1.06E+00 | 1.19E-01 | 8.55E-02 | 9.60E-02 |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 33
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 5 NAME=CPP E X= 2.6KM, Y= 0.0KM, Z= 0.0M, DIST= 2.6KM, 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 1.09E-01 | INFANT 2.79E+01 | TOTALS | 1.75E+00 | 9.49E-02 | 8.26E-02 | 1.52E-01 |
| 9.73E-02 | CHILD 2.79E+01 | TOTALS | 1.75E+00 | 1.04E-01 | 8.56E-02 | 1.16E-01 |
| 9.27E-02 | TEENAGE 2.79E+01 | TOTALS | 1.75E+00 | 1.27E-01 | 8.77E-02 | 1.01E-01 |
| 9.38E-02 | ADULT 2.79E+01 | TOTALS | 1.75E+00 | 1.26E-01 | 9.02E-02 | 1.01E-01 |

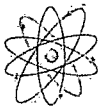
NUMBER 6 NAME=CPP ESE X= 2.5KM, Y= -1.0KM, Z= 0.0M, DIST= 2.7KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

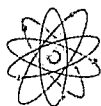
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 1.48E-01 | INFANT | TOTALS | 3.56E+00 | 1.31E-01 | 1.16E-01 | 1.99E-01 |
| 1.34E-01 | 5.75E+01 CHILD | TOTALS | 3.56E+00 | 1.42E-01 | 1.20E-01 | 1.57E-01 |
| 1.28E-01 | 5.75E+01 TEENAGE | TOTALS | 3.56E+00 | 1.70E-01 | 1.22E-01 | 1.38E-01 |
| 1.30E-01 | 5.75E+01 ADULT | TOTALS | 3.56E+00 | 1.68E-01 | 1.25E-01 | 1.38E-01 |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 34
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 7 NAME=CPP SSE X= 0.9KM, Y= -2.3KM, Z= 0.0M, DIST= 2.4KM, 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 2.71E-01 | INFANT 4.94E+01 | TOTALS | 3.18E+00 | 2.43E-01 | 2.18E-01 | 3.60E-01 |
| 2.48E-01 | CHILD 4.94E+01 | TOTALS | 3.17E+00 | 2.62E-01 | 2.24E-01 | 2.87E-01 |
| 2.39E-01 | TEENAGE 4.94E+01 | TOTALS | 3.17E+00 | 3.09E-01 | 2.28E-01 | 2.55E-01 |
| 2.41E-01 | ADULT 4.94E+01 | TOTALS | 3.18E+00 | 3.06E-01 | 2.34E-01 | 2.56E-01 |

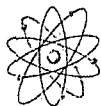
NUMBER 8 NAME=CPP SE X= 2.1KM, Y= -2.1KM, Z= 0.0M, DIST= 3.0KM, IRTYPE= 1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

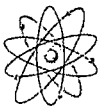
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|----------------|---------|----------|----------|-----------|----------|
| 2.56E-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,

PAGE 35
02/23/09
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

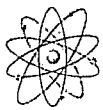
X= -1.1KM, Y= -2.8KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

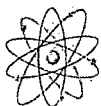
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
| 2.15E-01 | 2.58E+01 CHILD | TOTALS | 1.72E+00 | 2.33E-01 | 1.85E-01 | 2.65E-01 |
| 2.03E-01 | 2.58E+01 TEENAGE | TOTALS | 1.72E+00 | 2.93E-01 | 1.90E-01 | 2.24E-01 |
| 2.06E-01 | 2.58E+01 ADULT | TOTALS | 1.72E+00 | 2.89E-01 | 1.97E-01 | 2.25E-01 |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 36
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 11 NAME=CPP SW X= -2.4KM, Y= -2.4KM, Z= 0.0M, DIST= 3.4KM, 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 2.30E-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 |

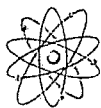
NUMBER 12 NAME=CPP WSW X= -2.4KM, Y= -0.9KM, Z= 0.0M, DIST= 2.5KM, IRTYPE= 1

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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 2.26E-01 | INFANT 2.72E+01 | TOTALS | 1.80E+00 | 1.99E-01 | 1.75E-01 | 3.10E-01 |
| 2.04E-01 | CHILD 2.72E+01 | TOTALS | 1.80E+00 | 2.17E-01 | 1.81E-01 | 2.41E-01 |
| 1.95E-01 | TEENAGE 2.72E+01 | TOTALS | 1.80E+00 | 2.62E-01 | 1.85E-01 | 2.11E-01 |
| 1.97E-01 | ADULT 2.72E+01 | TOTALS | 1.80E+00 | 2.59E-01 | 1.90E-01 | 2.11E-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=

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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 2.23E-01 | INFANT 3.17E+01 | TOTALS | 2.08E+00 | 2.01E-01 | 1.81E-01 | 2.91E-01 |
| 2.04E-01 | CHILD 3.17E+01 | TOTALS | 2.08E+00 | 2.15E-01 | 1.86E-01 | 2.35E-01 |
| 1.97E-01 | TEENAGE 3.17E+01 | TOTALS | 2.08E+00 | 2.52E-01 | 1.89E-01 | 2.10E-01 |
| 1.99E-01 | ADULT 3.17E+01 | TOTALS | 2.08E+00 | 2.49E-01 | 1.93E-01 | 2.11E-01 |

NUMBER 14 NAME=CPP WNW
1

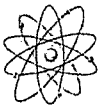
X= -2.3KM, Y= 0.9KM, Z= 0.0M, DIST= 2.4KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

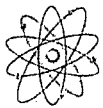
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 1.99E-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,

PAGE 38
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 15 NAME=CPP NW X= -2.5KM, Y= 2.5KM, Z= 0.0M, DIST= 3.6KM, 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 1.35E-01 | INFANT 3.95E+01 | TOTALS | 2.48E+00 | 1.27E-01 | 1.20E-01 | 1.60E-01 |
| 1.28E-01 | CHILD 3.95E+01 | TOTALS | 2.48E+00 | 1.32E-01 | 1.22E-01 | 1.40E-01 |
| 1.26E-01 | TEENAGE 3.95E+01 | TOTALS | 2.48E+00 | 1.46E-01 | 1.23E-01 | 1.31E-01 |
| 1.26E-01 | ADULT 3.95E+01 | TOTALS | 2.48E+00 | 1.45E-01 | 1.24E-01 | 1.31E-01 |

NUMBER 16 NAME=CPP NNW X= -1.4KM, Y= 3.7KM, Z= 0.0M, DIST= 4.0KM, 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 1.02E-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,

PAGE 39
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 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 8.82E-02 | INFANT 1.86E+01 | TOTALS | 1.19E+00 | 8.01E-02 | 7.28E-02 | 1.14E-01 |
| 8.14E-02 | CHILD 1.86E+01 | TOTALS | 1.19E+00 | 8.54E-02 | 7.46E-02 | 9.27E-02 |
| 7.88E-02 | TEENAGE 1.86E+01 | TOTALS | 1.19E+00 | 9.90E-02 | 7.58E-02 | 8.35E-02 |
| 7.94E-02 | ADULT 1.86E+01 | TOTALS | 1.19E+00 | 9.80E-02 | 7.73E-02 | 8.38E-02 |

NUMBER 18 NAME=SF NNE
1

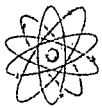
X= -4.2KM, Y= 5.3KM, Z= 0.0M, DIST= 6.7KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

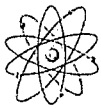
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 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

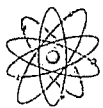
X= -3.3KM, Y= 4.0KM, Z= 0.0M, DIST= 5.2KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

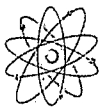
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
| 6.41E-02 | 2.71E+01 CHILD | TOTALS | 1.68E+00 | 6.71E-02 | 5.89E-02 | 7.25E-02 |
| 6.21E-02 | 2.71E+01 TEENAGE | TOTALS | 1.68E+00 | 7.73E-02 | 5.98E-02 | 6.57E-02 |
| 6.25E-02 | 2.71E+01 ADULT | TOTALS | 1.68E+00 | 7.66E-02 | 6.10E-02 | 6.58E-02 |



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

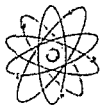
X= -3.5KM, Y= 0.2KM, Z= 0.0M, DIST= 3.6KM, IRTYPE=

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 |
| 2.36E-01 | 3.62E+01 CHILD | TOTALS | 2.37E+00 | 2.47E-01 | 2.16E-01 | 2.68E-01 |
| 2.28E-01 | 3.62E+01 TEENAGE | TOTALS | 2.38E+00 | 2.86E-01 | 2.19E-01 | 2.42E-01 |
| 2.30E-01 | 3.62E+01 ADULT | TOTALS | 2.38E+00 | 2.83E-01 | 2.24E-01 | 2.42E-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 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

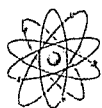
X= -4.9KM, Y= -0.3KM, Z= 0.0M, DIST= 4.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

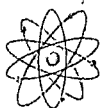
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 2.15E-01 | INFANT 2.64E+01 | TOTALS | 1.75E+00 | 1.92E-01 | 1.72E-01 | 2.87E-01 |
| 1.96E-01 | CHILD 2.64E+01 | TOTALS | 1.75E+00 | 2.08E-01 | 1.77E-01 | 2.28E-01 |
| 1.89E-01 | TEENAGE 2.64E+01 | TOTALS | 1.75E+00 | 2.46E-01 | 1.80E-01 | 2.02E-01 |
| 1.91E-01 | ADULT 2.64E+01 | TOTALS | 1.75E+00 | 2.43E-01 | 1.85E-01 | 2.03E-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

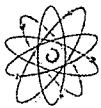
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 1.71E+01 | TOTALS | 1.10E+00 | 8.64E-02 | 7.85E-02 | 1.23E-01 |
| 8.79E-02 | CHILD 1.71E+01 | TOTALS | 1.10E+00 | 9.22E-02 | 8.05E-02 | 1.00E-01 |
| 8.50E-02 | TEENAGE 1.71E+01 | TOTALS | 1.10E+00 | 1.07E-01 | 8.18E-02 | 9.02E-02 |
| 8.57E-02 | ADULT 1.71E+01 | TOTALS | 1.10E+00 | 1.06E-01 | 8.34E-02 | 9.04E-02 |



POWERTech (USA) Inc.

1 REGION: 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 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 7.37E-02 | INFANT 1.62E+01 | TOTALS | 1.03E+00 | 6.62E-02 | 5.95E-02 | 9.70E-02 |
| 6.74E-02 | CHILD 1.62E+01 | TOTALS | 1.03E+00 | 7.11E-02 | 6.11E-02 | 7.78E-02 |
| 6.50E-02 | TEENAGE 1.62E+01 | TOTALS | 1.03E+00 | 8.36E-02 | 6.22E-02 | 6.94E-02 |
| 6.55E-02 | ADULT 1.62E+01 | TOTALS | 1.03E+00 | 8.27E-02 | 6.36E-02 | 6.96E-02 |

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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 6.69E-02 | INFANT 1.10E+01 | TOTALS | 7.11E-01 | 5.87E-02 | 5.14E-02 | 9.24E-02 |
| 6.01E-02 | CHILD 1.10E+01 | TOTALS | 7.11E-01 | 6.41E-02 | 5.32E-02 | 7.14E-02 |
| 5.74E-02 | TEENAGE 1.10E+01 | TOTALS | 7.11E-01 | 7.77E-02 | 5.44E-02 | 6.22E-02 |
| 5.80E-02 | ADULT 1.10E+01 | TOTALS | 7.11E-01 | 7.68E-02 | 5.59E-02 | 6.24E-02 |



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 45
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

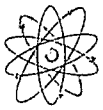
X= -6.2KM, Y= 4.7KM, Z= 0.0M, DIST= 7.8KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

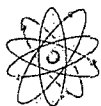
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 1.22E+01 | TOTALS | 7.81E-01 | 5.77E-02 | 5.10E-02 | 8.88E-02 |
| 5.90E-02 | CHILD 1.22E+01 | TOTALS | 7.80E-01 | 6.27E-02 | 5.27E-02 | 6.94E-02 |
| 5.65E-02 | TEENAGE 1.22E+01 | TOTALS | 7.81E-01 | 7.53E-02 | 5.38E-02 | 6.10E-02 |
| 5.71E-02 | ADULT 1.22E+01 | TOTALS | 7.81E-01 | 7.44E-02 | 5.52E-02 | 6.12E-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 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 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 7.37E-02 | INFANT 2.03E+01 | TOTALS | 1.27E+00 | 6.68E-02 | 6.06E-02 | 9.53E-02 |
| 6.80E-02 | CHILD 2.03E+01 | TOTALS | 1.27E+00 | 7.13E-02 | 6.21E-02 | 7.75E-02 |
| 6.57E-02 | TEENAGE 2.03E+01 | TOTALS | 1.27E+00 | 8.29E-02 | 6.32E-02 | 6.98E-02 |
| 6.62E-02 | ADULT 2.03E+01 | TOTALS | 1.27E+00 | 8.21E-02 | 6.44E-02 | 6.99E-02 |

NUMBER 32 NAME=SF ESE
1

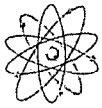
X= -3.0KM, Y= 2.7KM, Z= 0.0M, DIST= 4.0KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 1.40E-01 | INFANT 6.06E+01 | TOTALS | 3.76E+00 | 1.33E-01 | 1.27E-01 | 1.62E-01 |
| 1.34E-01 | CHILD 6.06E+01 | TOTALS | 3.76E+00 | 1.38E-01 | 1.28E-01 | 1.44E-01 |
| 1.32E-01 | TEENAGE 6.06E+01 | TOTALS | 3.76E+00 | 1.50E-01 | 1.29E-01 | 1.36E-01 |
| 1.32E-01 | ADULT 6.06E+01 | TOTALS | 3.76E+00 | 1.49E-01 | 1.31E-01 | 1.36E-01 |



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 47
02/23/09
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 |

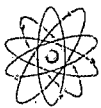
NUMBER 34 NAME=Spencer Ranch X= -2.0KM, Y= 1.2KM, Z= 0.0M, DIST= 2.3KM, IRTYPE=1

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 3.19E+01 | TOTALS | 2.06E+00 | 1.64E-01 | 1.51E-01 | 2.21E-01 |
| 1.66E-01 | CHILD 3.19E+01 | TOTALS | 2.06E+00 | 1.73E-01 | 1.54E-01 | 1.85E-01 |
| 1.61E-01 | TEENAGE 3.19E+01 | TOTALS | 2.06E+00 | 1.96E-01 | 1.56E-01 | 1.70E-01 |
| 1.62E-01 | ADULT 3.19E+01 | TOTALS | 2.06E+00 | 1.95E-01 | 1.59E-01 | 1.70E-01 |



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 48
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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 6.39E-02 | INFANT 1.22E+01 | TOTALS | 7.83E-01 | 5.65E-02 | 4.99E-02 | 8.70E-02 |
| 5.77E-02 | CHILD 1.22E+01 | TOTALS | 7.83E-01 | 6.14E-02 | 5.15E-02 | 6.80E-02 |
| 5.53E-02 | TEENAGE 1.22E+01 | TOTALS | 7.83E-01 | 7.37E-02 | 5.26E-02 | 5.97E-02 |
| 5.59E-02 | ADULT 1.22E+01 | TOTALS | 7.83E-01 | 7.28E-02 | 5.40E-02 | 5.99E-02 |

NUMBER 36 NAME=Puttman Ranch
1

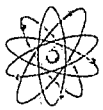
X= -5.2KM, Y= 7.2KM, Z= 0.0M, DIST= 8.9KM, IRTYPE=

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

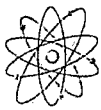
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|---------------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 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 |
|----------|---------------------|---------|----------|----------|-----------|----------|
| 8.76E-02 | INFANT 9.37E+00 | TOTALS | 6.25E-01 | 7.49E-02 | 6.35E-02 | 1.27E-01 |
| 7.70E-02 | CHILD 9.37E+00 | TOTALS | 6.24E-01 | 8.32E-02 | 6.63E-02 | 9.46E-02 |
| 7.29E-02 | TEENAGE 9.37E+00 | TOTALS | 6.25E-01 | 1.05E-01 | 6.82E-02 | 8.03E-02 |
| 7.38E-02 | ADULT 9.37E+00 | TOTALS | 6.25E-01 | 1.03E-01 | 7.06E-02 | 8.07E-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 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 |

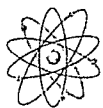
NUMBER 38 NAME=Burdock School X= -2.3KM, Y= -2.0KM, Z= 0.0M, DIST= 3.0KM, IRTYPE=1

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 |
| 2.01E-01 | 2.38E+01 CHILD | TOTALS | 1.59E+00 | 2.17E-01 | 1.74E-01 | 2.45E-01 |
| 1.91E-01 | 2.38E+01 TEENAGE | TOTALS | 1.59E+00 | 2.70E-01 | 1.79E-01 | 2.09E-01 |
| 1.93E-01 | 2.38E+01 ADULT | TOTALS | 1.59E+00 | 2.66E-01 | 1.85E-01 | 2.10E-01 |



POWERTech (USA) Inc.

1REGION: Dewey Burdock
METSET:

CODE: MILDOS-AREA (02/97)
DATA: DBNOLA.MIL
TIME STEP NUMBER 1,

PAGE 50
02/23/09
DURATION IN YRS

IS... 5.0

NUMBER 39 NAME=Heck Ranch X= 1.7KM, Y= -6.4KM, Z= 0.0M, DIST= 6.6KM, 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 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | 0.00E+00 | TOTALS | 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 | TOTALS | 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 | TOTALS | 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 | 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 | TOTALS | 1.46E+00 | 2.23E-01 | 1.73E-01 | 4.56E-01 |
| 2.32E-01 | 2.14E+01 | TOTALS | 1.46E+00 | 2.60E-01 | 1.85E-01 | 3.10E-01 |
| 2.14E-01 | CHILD | TOTALS | 1.46E+00 | 3.54E-01 | 1.93E-01 | 2.47E-01 |
| 2.18E-01 | 2.14E+01 | TOTALS | 1.46E+00 | 3.48E-01 | 2.04E-01 | 2.49E-01 |
| | TEENAGE | TOTALS | 1.46E+00 | 3.54E-01 | 1.93E-01 | 2.47E-01 |
| | 0.00E+00 | TOTALS | 1.46E+00 | 3.48E-01 | 2.04E-01 | 2.49E-01 |
| | ADULT | TOTALS | 1.46E+00 | 3.48E-01 | 2.04E-01 | 2.49E-01 |
| | 2.14E+01 | TOTALS | 1.46E+00 | 3.48E-01 | 2.04E-01 | 2.49E-01 |

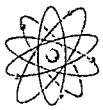
NUMBER 40 NAME=Edgemont X= 11.0KM, Y= -18.6KM, Z= 0.0M, DIST= 21.6KM, IRTYPE=1

40CFR190 ANNUAL DOSE COMMITMENTS COMPUTED FOR THIS LOCATION,

MREM/YR

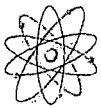
| KIDNEY | AGE BRONCHI | PATHWAY | EFFECTIV | BONE | AVG.LUNG | LIVER |
|----------|-------------|---------|----------|----------|----------|----------|
| 0.00E+00 | INFANT | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | 0.00E+00 | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | CHILD | TOTALS | 0.00E+00 | 0.00E+00 | 0.00E+00 | 0.00E+00 |
| 0.00E+00 | 0.00E+00 | TOTALS | 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 | TOTALS | 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 | 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 5.06E+00 | TOTALS | 3.61E-01 | 9.61E-02 | 4.82E-02 | 3.19E-01 |
| 1.05E-01 | CHILD 5.06E+00 | TOTALS | 3.57E-01 | 1.32E-01 | 5.98E-02 | 1.80E-01 |
| 8.75E-02 | TEENAGE 5.06E+00 | TOTALS | 3.59E-01 | 2.22E-01 | 6.77E-02 | 1.19E-01 |
| 9.16E-02 | ADULT 5.06E+00 | TOTALS | 3.61E-01 | 2.16E-01 | 7.78E-02 | 1.21E-01 |



POWERTECH (USA) INC.

1REGION: Dewey Burdock
METSET:

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

PAGE 51
02/23/09

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=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 |
|----------|---------------------|---------|----------|----------|----------|----------|
| 1.79E-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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02/23/09

TIME STEP NUMBER 2,

DURATION IN YRS

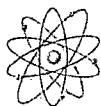
IS...100.0

CONCENTRATION DATA FOR THE N DIRECTION, THETA EQUALS 0.0

DEGREES

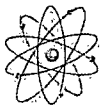
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.015E+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 | | | | | |

| 214 XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|---------------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 1.5 | 0.000E+00 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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

PAGE 53
02/23/09

TIME STEP NUMBER 2,

DURATION IN YRS

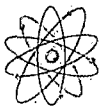
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CONCENTRATION DATA FOR THE E . DIRECTION, THETA EQUALS 90.0

DEGREES

| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | 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 | 2.813E+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 | | | | | |

| XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|--------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.639E+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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.076E+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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 7.933E+00 | |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.953E+00 | |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.805E+00 | |
| 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 9.993E-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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.709E-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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.947E-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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.859E-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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.127E-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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.602E-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 | | | | | |



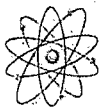
POWERTECH (USA) INC.

| 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.

| 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

PAGE 55
02/23/09

TIME STEP NUMBER 2,

DURATION IN YRS

IS...100.0

CONCENTRATION DATA FOR THE W DIRECTION, THETA EQUALS 270.0

DEGREES

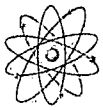
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.161E+01 | 2.118E+01 | 1.524E+01 |
| 1.140E+01 | 3.217E-05 | 1.416E-04 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |
| 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 | | | | | |

| XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|--------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb- |
| 1.5 | 0.000E+00 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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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TIME STEP NUMBER 2,

DURATION IN YRS

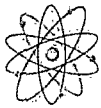
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CONCENTRATION DATA FOR THE WNW DIRECTION, THETA EQUALS 292.5

DEGREES

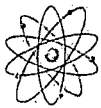
| XRHO, KM Bi-214 | TOTAL AIR CONCENTRATIONS, PCI/M3, AND WL | | | | | | |
|--------------------|--|--------------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 WL | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.244E+01 | 2.212E+01 | 1.586E+01 |
| 1.157E+01 | 2.895E-05 | 1.463E-04 | 0.000E+00 | 0.000E+00 | 2.754E+01 | 2.725E+01 | 2.004E+01 |
| 2.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.036E+01 | 3.983E+01 | 2.712E+01 |
| 1.422E+01 | 2.894E-05 | 1.827E-04 | 0.000E+00 | 0.000E+00 | 5.068E+01 | 5.017E+01 | 3.070E+01 |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 9.079E+00 | 8.976E+00 | 6.490E+00 |
| 1.708E+01 | 2.768E-05 | 2.422E-04 | 0.000E+00 | 0.000E+00 | 1.882E+00 | 1.883E+00 | 1.791E+00 |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 8.515E-01 | 8.520E-01 | 8.431E-01 |
| 1.656E+01 | 2.276E-05 | 2.691E-04 | 0.000E+00 | 0.000E+00 | 5.255E-01 | 5.258E-01 | 5.256E-01 |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.708E-01 | 3.710E-01 | 3.721E-01 |
| 4.549E+00 | 1.514E-05 | 5.912E-05 | 0.000E+00 | 0.000E+00 | 2.814E-01 | 2.816E-01 | 2.827E-01 |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.241E-01 | 2.242E-01 | 2.252E-01 |
| 1.694E+00 | 2.013E-05 | 1.734E-05 | 0.000E+00 | 0.000E+00 | 1.842E-01 | 1.843E-01 | 1.851E-01 |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 8.267E-01 | 1.998E-05 | 8.236E-06 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 5.225E-01 | 1.909E-05 | 5.155E-06 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 3.719E-01 | 1.831E-05 | 3.656E-06 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 2.832E-01 | 1.762E-05 | 2.780E-06 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 2.258E-01 | 1.704E-05 | 2.215E-06 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 75.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |
| 1.857E-01 | 1.652E-05 | 1.821E-06 | 0.000E+00 | 0.000E+00 | 1.857E-01 | 1.858E-01 | 1.869E-01 |

| XRHO, KM Bi-214 | GROUND SURFACE CONCENTRATIONS, PCI/M2 | | | | | | |
|--------------------|---------------------------------------|-----------|-----------|-----------|-----------|-----------|-----------|
| | U-238 Pb-210 | Th-230 | Ra-226 | Pb-210 | Rn-222 | Po-218 | Pb-214 |
| 1.5 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.158E+01 |
| 2.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.154E+01 |
| 2.158E+01 | 2.158E+01 | 6.027E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 3.974E+01 |
| 3.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 7.109E+00 |
| 3.154E+01 | 3.154E+01 | 5.765E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.491E+00 |
| 4.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 6.748E-01 |
| 3.974E+01 | 3.974E+01 | 4.740E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 4.165E-01 |
| 7.5 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.939E-01 |
| 7.109E+00 | 7.109E+00 | 3.154E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 2.230E-01 |
| 15.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.776E-01 |
| 1.491E+00 | 1.491E+00 | 4.192E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 25.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 6.748E-01 | 6.748E-01 | 4.161E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 35.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 4.165E-01 | 4.165E-01 | 3.977E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 45.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 2.939E-01 | 2.939E-01 | 3.815E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 55.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 2.230E-01 | 2.230E-01 | 3.671E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 65.0 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 1.776E-01 | 1.776E-01 | 3.550E+01 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-01 |
| 75.0 | 0.000E+00 | 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 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 0.000E+00 | 1.460E-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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02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

EFFECTIV

EXPOSURE PATHWAY IS INHAL.

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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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 | 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



POWERTECH (USA) Inc.

1REGION: Dewey Burdock
METSET:

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

PAGE 60
02/23/09

IS...100.0

TIME STEP NUMBER 2,

DURATION IN YRS

EXPOSURE PATHWAY IS INHAL.

EXPOSED ORGAN IS BRONCHI

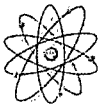
DOSES SHOWN BELOW ARE 100-YEAR ENVIRONMENTAL DOSE COMMITMENTS, PERSON-

REM/YEAR

| XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | XRHO | 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 | 7.257E-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 | 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 | 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 | 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 | 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 | 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 | 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 | 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

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

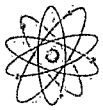
| KIDNEY | PATHWAY BRONCHI | EFFECTIV | BONE | AVG.LUNG | LIVER |
|-----------|-----------------------|-----------|-----------|-----------|-----------|
| 1.888E-01 | INHAL. 2.090E+01 | 6.465E-02 | 5.237E-01 | 8.346E-03 | 3.928E-01 |
| 5.815E-03 | GROUND 5.815E-03 | 5.815E-03 | 5.815E-03 | 5.815E-03 | 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 |

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 | 0.000E+00 |
| 7.984E+00 | RNPLUS50 5.081E+01 | 7.984E+00 | 1.089E+02 | 1.815E+00 | 7.984E+00 |
| 7.984E+00 | TOTALS 5.081E+01 | 7.984E+00 | 1.089E+02 | 1.815E+00 | 7.984E+00 |

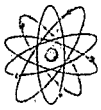
TOTAL DOSES COMPUTED OVER ALL POPULATIONS

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



POWERTECH (USA) INC.

| | | | | | |
|-----------|-----------|-----------|-----------|-----------|-----------|
| 1.888E-01 | INHAL. | 6.465E-02 | 5.237E-01 | 8.346E-03 | 3.928E-01 |
| | 2.090E+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 | | | | |
| 7.984E+00 | RNPLUS50 | 7.984E+00 | 1.089E+02 | 1.815E+00 | 7.984E+00 |
| | 5.081E+01 | | | | |
| <hr/> | | | | | |
| 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. | T-START | T-END | T-LONG | PATHWAY | EFFECTIV | BONE | AVG.LUNG |
|------------------------------|-----------|-----------|--------|---------|-----------|-----------|-----------|
| LIVER | KIDNEY | BRONCHI | | | | | |
| 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. | T-START | T-END | T-LONG | PATHWAY | EFFECTIV | BONE | AVG.LUNG |
|------------------------------|-----------|-----------|--------|---------|-----------|-----------|-----------|
| LIVER | KIDNEY | BRONCHI | | | | | |
| 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. | T-START | T-END | T-LONG | PATHWAY | EFFECTIV | BONE | AVG.LUNG |
|------------------------------|-----------|-----------|--------|---------|-----------|-----------|-----------|
| LIVER | KIDNEY | BRONCHI | | | | | |
| 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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