

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.417E-05 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.306E-07 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.175E-06 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.343E-09 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 377 | 115 | 0.192E-04 |
| N | 902 | 275 | 0.119E-04 |
| WNW | 1640 | 500 | 0.123E-04 |
| SW | 8202 | 2500 | 0.258E-06 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 377 | 115 | 0.270E-07 |
| N | 902 | 275 | 0.766E-07 |
| WNW | 1640 | 500 | 0.669E-07 |
| SW | 8202 | 2500 | 0.100E-08 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 1.753E-06 | 0.152E-06 | 0.644E-07 | 0.418E-07 | 0.290E-07 | 0.152E-07 | 0.695E-08 | 0.355E-08 | 0.272E-08 | 0.206E-08 |
| SSW | 0.159E-05 | 0.219E-06 | 0.891E-07 | 0.572E-07 | 0.404E-07 | 0.211E-07 | 0.974E-08 | 0.560E-08 | 0.388E-08 | 0.294E-08 |
| SW | 0.216E-05 | 0.244E-06 | 0.996E-07 | 0.617E-07 | 0.425E-07 | 0.211E-07 | 0.926E-08 | 0.519E-08 | 0.353E-08 | 0.265E-08 |
| WSW | 1.361E-05 | 0.473E-06 | 0.195E-06 | 0.120E-06 | 0.819E-07 | 0.398E-07 | 0.169E-07 | 0.921E-08 | 0.615E-08 | 0.455E-08 |
| W | 0.171E-05 | 0.251E-06 | 0.121E-06 | 0.808E-07 | 0.564E-07 | 0.309E-07 | 0.139E-07 | 0.775E-08 | 0.514E-08 | 0.389E-08 |
| WNW | 0.553E-05 | 0.761E-06 | 0.314E-06 | 0.258E-06 | 0.169E-06 | 0.684E-07 | 0.301E-07 | 0.167E-07 | 0.113E-07 | 0.836E-08 |
| NW | 0.529E-05 | 0.841E-06 | 0.375E-06 | 0.240E-06 | 0.175E-06 | 0.665E-07 | 0.415E-07 | 0.217E-07 | 0.108E-07 | 0.798E-08 |
| XNW | 0.321E-05 | 0.572E-06 | 0.233E-06 | 0.162E-06 | 0.108E-06 | 0.572E-07 | 0.254E-07 | 0.137E-07 | 0.862E-08 | 0.436E-08 |
| N | 0.225E-05 | 0.420E-06 | 0.208E-06 | 0.137E-06 | 0.958E-07 | 0.565E-07 | 0.226E-07 | 0.118E-07 | 0.764E-08 | 0.553E-08 |
| NNE | 0.202E-05 | 0.354E-06 | 0.189E-06 | 0.125E-06 | 0.904E-07 | 0.586E-07 | 0.240E-07 | 0.126E-07 | 0.830E-08 | 0.607E-08 |
| NE | 0.106E-05 | 0.222E-06 | 0.133E-06 | 0.750E-07 | 0.585E-07 | 0.379E-07 | 0.194E-07 | 0.971E-08 | 0.636E-08 | 0.464E-08 |
| ENE | 0.721E-06 | 0.170E-06 | 0.773E-07 | 0.428E-07 | 0.288E-07 | 0.208E-07 | 0.891E-08 | 0.471E-08 | 0.309E-08 | 0.224E-08 |
| E | 0.941E-06 | 0.179E-06 | 0.849E-07 | 0.498E-07 | 0.353E-07 | 0.234E-07 | 0.111E-07 | 0.636E-08 | 0.415E-08 | 0.302E-08 |
| ESE | 0.642E-06 | 0.882E-07 | 0.363E-07 | 0.212E-07 | 0.161E-07 | 0.687E-08 | 0.404E-08 | 0.192E-08 | 0.132E-08 | 0.996E-09 |
| SE | 0.379E-06 | 0.983E-07 | 0.450E-07 | 0.255E-07 | 0.182E-07 | 0.919E-08 | 0.369E-08 | 0.216E-08 | 0.144E-08 | 0.106E-08 |
| SSE | 0.604E-06 | 0.106E-06 | 0.496E-07 | 0.317E-07 | 0.221E-07 | 0.108E-07 | 0.456E-08 | 0.246E-08 | 0.164E-08 | 0.121E-08 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.494E-08 | 0.651E-09 | 0.198E-09 | 0.106E-09 | 0.638E-10 | 0.239E-10 | 0.756E-11 | 0.340E-11 | 0.210E-11 | 0.149E-11 |
| SSW | 0.573E-08 | 0.680E-09 | 0.207E-09 | 0.108E-09 | 0.647E-10 | 0.244E-10 | 0.768E-11 | 0.370E-11 | 0.240E-11 | 0.177E-11 |
| SW | 0.112E-07 | 0.106E-08 | 0.314E-09 | 0.162E-09 | 0.969E-10 | 0.370E-10 | 0.123E-10 | 0.593E-11 | 0.387E-11 | 0.283E-11 |
| WSW | 0.309E-07 | 0.312E-08 | 0.910E-09 | 0.468E-09 | 0.278E-09 | 0.103E-09 | 0.329E-10 | 0.152E-10 | 0.961E-11 | 0.695E-11 |
| W | 0.200E-07 | 0.192E-08 | 0.576E-09 | 0.297E-09 | 0.177E-09 | 0.662E-10 | 0.218E-10 | 0.103E-10 | 0.656E-11 | 0.475E-11 |
| WYW | 0.366E-07 | 0.349E-08 | 0.102E-08 | 0.525E-09 | 0.310E-09 | 0.114E-09 | 0.370E-10 | 0.174E-10 | 0.113E-10 | 0.838E-11 |
| NW | 0.394E-07 | 0.387E-08 | 0.114E-08 | 0.577E-09 | 0.343E-09 | 0.171E-09 | 0.977E-10 | 0.419E-10 | 0.121E-10 | 0.887E-11 |
| NNW | 0.356E-07 | 0.393E-08 | 0.117E-08 | 0.605E-09 | 0.364E-09 | 0.183E-09 | 0.630E-10 | 0.256E-10 | 0.138E-10 | 0.779E-11 |
| N | 0.272E-07 | 0.301E-08 | 0.907E-09 | 0.467E-09 | 0.298E-09 | 0.152E-09 | 0.504E-10 | 0.206E-10 | 0.111E-10 | 0.694E-11 |
| NNE | 0.132E-07 | 0.149E-08 | 0.453E-09 | 0.237E-09 | 0.168E-09 | 0.999E-10 | 0.335E-10 | 0.136E-10 | 0.732E-11 | 0.454E-11 |
| NE | 0.786E-08 | 0.945E-09 | 0.300E-09 | 0.154E-09 | 0.919E-10 | 0.671E-10 | 0.224E-10 | 0.928E-11 | 0.501E-11 | 0.312E-11 |
| ENE | 0.377E-08 | 0.592E-09 | 0.194E-09 | 0.893E-10 | 0.535E-10 | 0.404E-10 | 0.163E-10 | 0.566E-11 | 0.296E-11 | 0.187E-11 |
| E | 0.102E-07 | 0.111E-08 | 0.341E-09 | 0.173E-09 | 0.104E-09 | 0.439E-10 | 0.257E-10 | 0.108E-10 | 0.606E-11 | 0.386E-11 |
| ESE | 0.538E-08 | 0.537E-09 | 0.161E-09 | 0.813E-10 | 0.495E-10 | 0.187E-10 | 0.618E-11 | 0.305E-11 | 0.196E-11 | 0.139E-11 |
| SE | 0.221E-08 | 0.347E-09 | 0.113E-09 | 0.574E-10 | 0.347E-10 | 0.131E-10 | 0.415E-11 | 0.186E-11 | 0.113E-11 | 0.778E-12 |
| SSE | 0.584E-08 | 0.723E-09 | 0.232E-09 | 0.122E-09 | 0.733E-10 | 0.275E-10 | 0.378E-11 | 0.401E-11 | 0.246E-11 | 0.172E-11 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.706E-04 |

CONTINUOUS RELEASE FROM FUEL BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.111E-06 |

CONTINUOUS RELEASE FROM FUEL BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.109E-05 |

CONTINUOUS RELEASE FROM FUEL BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.990E-09 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 410 | 125 | 0.308E-03 |
| N | 820 | 250 | 0.235E-03 |
| WNW | 1558 | 475 | 0.103E-03 |
| SW | 8202 | 2500 | 0.340E-05 |

CONTINUOUS RELEASE FROM FUEL BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 410 | 125 | 0.417E-08 |
| N | 820 | 250 | 0.150E-06 |
| WNW | 1558 | 475 | 0.431E-06 |
| SW | 8202 | 2500 | 0.360E-06 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASES FROM FUEL BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.250E-04 | 0.265E-05 | 0.905E-06 | 0.471E-06 | 0.298E-06 | 0.129E-06 | 0.505E-07 | 0.270E-07 | 0.175E-07 | 0.131E-07 |
| SSW | 0.289E-04 | 0.309E-05 | 0.106E-05 | 0.553E-06 | 0.351E-06 | 0.152E-06 | 0.600E-07 | 0.322E-07 | 0.213E-07 | 0.157E-07 |
| SW | 0.346E-04 | 0.368E-05 | 0.126E-05 | 0.655E-06 | 0.415E-06 | 0.180E-06 | 0.707E-07 | 0.378E-07 | 0.250E-07 | 0.184E-07 |
| WSW | 0.357E-04 | 0.372E-05 | 0.127E-05 | 0.662E-06 | 0.420E-06 | 0.182E-06 | 0.712E-07 | 0.377E-07 | 0.249E-07 | 0.182E-07 |
| W | 0.279E-04 | 0.301E-05 | 0.103E-05 | 0.538E-06 | 0.341E-06 | 0.148E-06 | 0.582E-07 | 0.314E-07 | 0.209E-07 | 0.154E-07 |
| WNW | 0.461E-04 | 0.463E-05 | 0.156E-05 | 0.807E-06 | 0.509E-06 | 0.217E-06 | 0.839E-07 | 0.437E-07 | 0.285E-07 | 0.207E-07 |
| NW | 0.913E-04 | 0.970E-05 | 0.330E-05 | 0.172E-05 | 0.109E-05 | 0.467E-06 | 0.183E-06 | 0.977E-07 | 0.647E-07 | 0.476E-07 |
| NNW | 0.429E-04 | 0.430E-05 | 0.144E-05 | 0.741E-06 | 0.466E-06 | 0.197E-06 | 0.756E-07 | 0.394E-07 | 0.257E-07 | 0.186E-07 |
| N | 0.340E-04 | 0.357E-05 | 0.121E-05 | 0.630E-06 | 0.398E-06 | 0.171E-06 | 0.668E-07 | 0.358E-07 | 0.237E-07 | 0.175E-07 |
| NNE | 0.153E-04 | 0.155E-05 | 0.521E-06 | 0.270E-06 | 0.170E-06 | 0.731E-07 | 0.282E-07 | 0.148E-07 | 0.964E-08 | 0.702E-08 |
| NE | 0.214E-04 | 0.228E-05 | 0.774E-06 | 0.401E-06 | 0.254E-06 | 0.109E-06 | 0.425E-07 | 0.227E-07 | 0.150E-07 | 0.111E-07 |
| ENE | 0.153E-04 | 0.164E-05 | 0.559E-06 | 0.292E-06 | 0.185E-06 | 0.804E-07 | 0.316E-07 | 0.169E-07 | 0.112E-07 | 0.823E-08 |
| E | 0.143E-04 | 0.144E-05 | 0.483E-06 | 0.249E-06 | 0.157E-06 | 0.666E-07 | 0.257E-07 | 0.135E-07 | 0.881E-07 | 0.642E-08 |
| ESE | 0.187E-04 | 0.202E-05 | 0.691E-06 | 0.361E-06 | 0.230E-06 | 0.999E-07 | 0.395E-07 | 0.212E-07 | 0.141E-07 | 0.104E-07 |
| SE | 0.188E-04 | 0.199E-05 | 0.676E-06 | 0.352E-06 | 0.223E-06 | 0.961E-07 | 0.376E-07 | 0.199E-07 | 0.132E-07 | 0.965E-08 |
| SSE | 0.235E-04 | 0.245E-05 | 0.829E-06 | 0.429E-06 | 0.271E-06 | 0.116E-06 | 0.451E-07 | 0.238E-07 | 0.157E-07 | 0.114E-07 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.290E-07 | 0.247E-08 | 0.725E-09 | 0.337E-09 | 0.194E-09 | 0.689E-10 | 0.211E-10 | 0.857E-11 | 0.461E-11 | 0.286E-11 |
| SW | 0.359E-07 | 0.307E-08 | 0.899E-09 | 0.418E-09 | 0.241E-09 | 0.854E-10 | 0.262E-10 | 0.106E-10 | 0.372E-11 | 0.355E-11 |
| SW | 0.533E-07 | 0.455E-08 | 0.133E-08 | 0.620E-09 | 0.358E-09 | 0.127E-09 | 0.389E-10 | 0.158E-10 | 0.848E-11 | 0.527E-11 |
| W | 0.526E-07 | 0.449E-08 | 0.131E-08 | 0.611E-09 | 0.333E-09 | 0.125E-09 | 0.383E-10 | 0.155E-10 | 0.836E-11 | 0.519E-11 |
| W | 0.390E-07 | 0.333E-08 | 0.976E-09 | 0.454E-09 | 0.262E-09 | 0.928E-10 | 0.284E-10 | 0.115E-10 | 0.621E-11 | 0.386E-11 |
| WNW | 0.653E-07 | 0.557E-08 | 0.163E-08 | 0.739E-09 | 0.438E-09 | 0.151E-09 | 0.476E-10 | 0.193E-10 | 0.104E-10 | 0.645E-11 |
| W | 0.148E-06 | 0.125E-07 | 0.369E-08 | 0.172E-08 | 0.990E-09 | 0.351E-09 | 0.108E-09 | 0.436E-10 | 0.235E-10 | 0.146E-10 |
| NNW | 0.116E-06 | 0.993E-08 | 0.291E-08 | 0.135E-08 | 0.780E-09 | 0.277E-09 | 0.847E-10 | 0.344E-10 | 0.185E-10 | 0.115E-10 |
| N | 0.723E-07 | 0.617E-08 | 0.181E-08 | 0.840E-09 | 0.485E-09 | 0.172E-09 | 0.527E-10 | 0.214E-10 | 0.115E-10 | 0.714E-11 |
| NNE | 0.313E-07 | 0.267E-08 | 0.783E-09 | 0.364E-09 | 0.210E-09 | 0.744E-10 | 0.228E-10 | 0.925E-11 | 0.498E-11 | 0.309E-11 |
| NE | 0.259E-07 | 0.221E-08 | 0.648E-09 | 0.301E-09 | 0.174E-09 | 0.616E-10 | 0.189E-10 | 0.765E-11 | 0.412E-11 | 0.256E-11 |
| ENE | 0.189E-07 | 0.162E-08 | 0.474E-09 | 0.220E-09 | 0.127E-09 | 0.450E-10 | 0.138E-10 | 0.560E-11 | 0.301E-11 | 0.187E-11 |
| E | 0.232E-07 | 0.198E-08 | 0.580E-09 | 0.270E-09 | 0.156E-09 | 0.551E-10 | 0.169E-10 | 0.686E-11 | 0.369E-11 | 0.229E-11 |
| ESE | 0.220E-07 | 0.188E-08 | 0.551E-09 | 0.256E-09 | 0.148E-09 | 0.524E-10 | 0.160E-10 | 0.651E-11 | 0.330E-11 | 0.218E-11 |
| SE | 0.186E-07 | 0.158E-08 | 0.464E-09 | 0.216E-09 | 0.124E-09 | 0.441E-10 | 0.135E-10 | 0.549E-11 | 0.295E-11 | 0.183E-11 |
| SSE | 0.313E-07 | 0.267E-08 | 0.783E-09 | 0.364E-09 | 0.210E-09 | 0.744E-10 | 0.228E-10 | 0.925E-11 | 0.498E-11 | 0.309E-11 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.636E-04 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.111E-06 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.105E-05 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.990E-09 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 492 | 150 | 0.250E-03 |
| N | 1033 | 315 | 0.150E-03 |
| WNW | 1575 | 480 | 0.919E-04 |
| SW | 8202 | 2500 | 0.318E-05 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 492 | 150 | 0.230E-06 |
| N | 1033 | 315 | 0.308E-06 |
| WNW | 1575 | 480 | 0.148E-06 |
| SW | 8202 | 2500 | 0.417E-08 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE IN MILES | | | | | | | | | |
|--------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
| S | 0.228E-04 | 0.248E-05 | 0.863E-06 | 0.454E-06 | 0.289E-06 | 0.126E-06 | 0.497E-07 | 0.266E-07 | 0.176E-07 | 0.130E-07 |
| SSW | 0.263E-04 | 0.288E-05 | 0.101E-05 | 0.532E-06 | 0.340E-06 | 0.149E-06 | 0.590E-07 | 0.317E-07 | 0.211E-07 | 0.155E-07 |
| SW | 0.316E-04 | 0.343E-05 | 0.120E-05 | 0.631E-06 | 0.402E-06 | 0.176E-06 | 0.695E-07 | 0.372E-07 | 0.247E-07 | 0.182E-07 |
| WSW | 0.322E-04 | 0.350E-05 | 0.122E-05 | 0.640E-06 | 0.408E-06 | 0.178E-06 | 0.702E-07 | 0.373E-07 | 0.246E-07 | 0.180E-07 |
| W | 0.257E-04 | 0.279E-05 | 0.979E-06 | 0.516E-06 | 0.329E-06 | 0.144E-06 | 0.572E-07 | 0.309E-07 | 0.206E-07 | 0.152E-07 |
| WNW | 0.414E-04 | 0.442E-05 | 0.151E-05 | 0.788E-06 | 0.499E-06 | 0.214E-06 | 0.831E-07 | 0.434E-07 | 0.283E-07 | 0.205E-07 |
| NW | 0.842E-04 | 0.908E-05 | 0.316E-05 | 0.166E-05 | 0.105E-05 | 0.457E-06 | 0.180E-06 | 0.964E-07 | 0.639E-07 | 0.470E-07 |
| NNW | 0.393E-04 | 0.410E-05 | 0.139E-05 | 0.722E-06 | 0.456E-06 | 0.194E-06 | 0.747E-07 | 0.390E-07 | 0.254E-07 | 0.185E-07 |
| N | 0.314E-04 | 0.334E-05 | 0.116E-05 | 0.606E-06 | 0.385E-06 | 0.167E-06 | 0.657E-07 | 0.352E-07 | 0.234E-07 | 0.172E-07 |
| SNE | 0.138E-04 | 0.147E-05 | 0.502E-06 | 0.262E-06 | 0.166E-06 | 0.718E-07 | 0.279E-07 | 0.146E-07 | 0.956E-08 | 0.696E-08 |
| NE | 0.198E-04 | 0.213E-05 | 0.739E-06 | 0.387E-06 | 0.246E-06 | 0.106E-06 | 0.418E-07 | 0.224E-07 | 0.149E-07 | 0.109E-07 |
| ENE | 0.140E-04 | 0.152E-05 | 0.532E-06 | 0.280E-06 | 0.179E-06 | 0.785E-07 | 0.310E-07 | 0.166E-07 | 0.110E-07 | 0.812E-08 |
| E | 0.131E-04 | 0.137E-05 | 0.466E-06 | 0.242E-06 | 0.153E-06 | 0.654E-07 | 0.253E-07 | 0.133E-07 | 0.873E-08 | 0.637E-08 |
| ESE | 0.171E-04 | 0.187E-05 | 0.656E-06 | 0.347E-06 | 0.222E-06 | 0.974E-07 | 0.387E-07 | 0.209E-07 | 0.139E-07 | 0.103E-07 |
| SE | 0.171E-04 | 0.186E-05 | 0.646E-06 | 0.339E-06 | 0.216E-06 | 0.940E-07 | 0.370E-07 | 0.197E-07 | 0.130E-07 | 0.955E-08 |
| SSE | 0.215E-04 | 0.231E-05 | 0.795E-06 | 0.416E-06 | 0.264E-06 | 0.114E-06 | 0.444E-07 | 0.235E-07 | 0.155E-07 | 0.113E-07 |

RIVER BEND STATION SECOND QUARTER (APRIL 1, 1991 TO JUNE 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/W²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| E | 0.290E-07 | 0.247E-08 | 0.725E-09 | 0.337E-09 | 0.194E-09 | 0.689E-10 | 0.211E-10 | 0.857E-11 | 0.461E-11 | 0.286E-11 |
| SSW | 0.339E-07 | 0.307E-08 | 0.899E-09 | 0.418E-09 | 0.241E-09 | 0.854E-10 | 0.262E-10 | 0.106E-10 | 0.372E-11 | 0.355E-11 |
| SW | 0.503E-07 | 0.435E-08 | 0.133E-08 | 0.620E-09 | 0.358E-09 | 0.127E-09 | 0.389E-10 | 0.158E-10 | 0.848E-11 | 0.527E-11 |
| WSW | 0.516E-07 | 0.449E-08 | 0.131E-08 | 0.611E-09 | 0.353E-09 | 0.125E-09 | 0.383E-10 | 0.155E-10 | 0.836E-11 | 0.519E-11 |
| W | 0.390E-07 | 0.333E-08 | 0.976E-09 | 0.454E-09 | 0.262E-09 | 0.928E-10 | 0.284E-10 | 0.115E-10 | 0.621E-11 | 0.386E-11 |
| WNW | 0.653E-07 | 0.567E-08 | 0.163E-08 | 0.736E-09 | 0.438E-09 | 0.155E-09 | 0.476E-10 | 0.193E-10 | 0.104E-10 | 0.645E-11 |
| NW | 0.148E-06 | 0.126E-07 | 0.369E-08 | 0.172E-08 | 0.990E-09 | 0.351E-09 | 0.108E-09 | 0.436E-10 | 0.235E-10 | 0.146E-10 |
| NNW | 0.116E-06 | 0.993E-08 | 0.291E-08 | 0.135E-08 | 0.780E-09 | 0.277E-09 | 0.847E-10 | 0.344E-10 | 0.185E-10 | 0.115E-10 |
| N | 0.723E-07 | 0.617E-08 | 0.181E-08 | 0.840E-09 | 0.485E-09 | 0.172E-09 | 0.527E-10 | 0.214E-10 | 0.115E-10 | 0.714E-11 |
| NNE | 0.313E-07 | 0.267E-08 | 0.783E-09 | 0.364E-09 | 0.210E-09 | 0.744E-10 | 0.228E-10 | 0.925E-11 | 0.498E-11 | 0.309E-11 |
| NE | 0.259E-07 | 0.221E-08 | 0.648E-09 | 0.301E-09 | 0.174E-09 | 0.616E-10 | 0.189E-10 | 0.765E-11 | 0.412E-11 | 0.256E-11 |
| ENE | 0.189E-07 | 0.162E-08 | 0.474E-09 | 0.220E-09 | 0.127E-09 | 0.450E-10 | 0.138E-10 | 0.560E-11 | 0.301E-11 | 0.187E-11 |
| E | 0.232E-07 | 0.198E-08 | 0.580E-09 | 0.270E-09 | 0.156E-09 | 0.551E-10 | 0.169E-10 | 0.686E-11 | 0.369E-11 | 0.229E-11 |
| ESE | 0.220E-07 | 0.188E-08 | 0.551E-09 | 0.256E-09 | 0.148E-09 | 0.524E-10 | 0.160E-10 | 0.651E-11 | 0.350E-11 | 0.218E-11 |
| SE | 0.186E-07 | 0.158E-08 | 0.464E-09 | 0.216E-09 | 0.124E-09 | 0.441E-10 | 0.135E-10 | 0.548E-11 | 0.295E-11 | 0.183E-11 |
| SSE | 0.313E-07 | 0.267E-08 | 0.783E-09 | 0.364E-09 | 0.210E-09 | 0.744E-10 | 0.228E-10 | 0.925E-11 | 0.498E-11 | 0.309E-11 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.179E-05 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.109E-07 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.834E-07 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.118E-09 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 377 | 115 | 0.502E-04 |
| N | 902 | 275 | 0.612E-05 |
| WNW | 1640 | 500 | 0.515E-05 |
| SW | 8202 | 2500 | 0.398E-06 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 377 | 115 | 0.718E-07 |
| N | 902 | 275 | 0.287E-07 |
| WNW | 1640 | 500 | 0.276E-07 |
| SW | 8202 | 2500 | 0.147E-08 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.188E-05 | 0.281E-06 | 0.113E-06 | 0.759E-07 | 0.528E-07 | 0.276E-07 | 0.125E-07 | 0.706E-08 | 0.482E-08 | 0.362E-08 |
| SSW | 0.325E-05 | 0.391E-06 | 0.156E-06 | 0.100E-06 | 0.713E-07 | 0.387E-07 | 0.186E-07 | 0.109E-07 | 0.766E-08 | 0.585E-08 |
| SW | 0.325E-05 | 0.366E-06 | 0.137E-06 | 0.101E-06 | 0.717E-07 | 0.391E-07 | 0.177E-07 | 0.102E-07 | 0.706E-08 | 0.534E-08 |
| WSW | 0.495E-05 | 0.566E-06 | 0.241E-06 | 0.152E-06 | 0.106E-06 | 0.544E-07 | 0.245E-07 | 0.140E-07 | 0.937E-08 | 0.721E-08 |
| W | 0.161E-05 | 0.227E-06 | 0.115E-06 | 0.788E-07 | 0.379E-07 | 0.318E-07 | 0.149E-07 | 0.855E-08 | 0.589E-08 | 0.445E-08 |
| WNW | 0.224E-05 | 0.324E-06 | 0.144E-06 | 0.133E-06 | 0.885E-07 | 0.333E-07 | 0.162E-07 | 0.919E-08 | 0.626E-08 | 0.468E-08 |
| NW | 0.234E-05 | 0.362E-06 | 0.170E-06 | 0.112E-06 | 0.834E-07 | 0.420E-07 | 0.200E-07 | 0.105E-07 | 0.532E-08 | 0.396E-08 |
| NNW | 0.945E-06 | 0.168E-06 | 0.853E-07 | 0.730E-07 | 0.510E-07 | 0.305E-07 | 0.143E-07 | 0.739E-08 | 0.479E-08 | 0.230E-08 |
| N | 0.102E-05 | 0.206E-06 | 0.126E-06 | 0.915E-07 | 0.669E-07 | 0.431E-07 | 0.176E-07 | 0.918E-08 | 0.599E-08 | 0.435E-08 |
| NNE | 0.211E-05 | 0.335E-06 | 0.173E-06 | 0.114E-06 | 0.827E-07 | 0.549E-07 | 0.227E-07 | 0.120E-07 | 0.791E-08 | 0.580E-08 |
| NE | 0.121E-05 | 0.261E-06 | 0.168E-06 | 0.947E-07 | 0.746E-07 | 0.478E-07 | 0.229E-07 | 0.121E-07 | 0.792E-08 | 0.578E-08 |
| ENE | 0.190E-05 | 0.328E-06 | 0.149E-06 | 0.823E-07 | 0.558E-07 | 0.504E-07 | 0.240E-07 | 0.132E-07 | 0.894E-08 | 0.656E-08 |
| E | 0.256E-05 | 0.364E-06 | 0.163E-06 | 0.947E-07 | 0.666E-07 | 0.455E-07 | 0.226E-07 | 0.133E-07 | 0.877E-08 | 0.642E-08 |
| ESE | 0.205E-05 | 0.295E-06 | 0.130E-06 | 0.772E-07 | 0.601E-07 | 0.342E-07 | 0.158E-07 | 0.752E-08 | 0.520E-08 | 0.393E-08 |
| SE | 0.118E-05 | 0.203E-06 | 0.912E-07 | 0.623E-07 | 0.376E-07 | 0.197E-07 | 0.914E-08 | 0.522E-08 | 0.360E-08 | 0.272E-08 |
| SSE | 0.316E-05 | 0.373E-06 | 0.156E-06 | 0.972E-07 | 0.675E-07 | 0.340E-07 | 0.153E-07 | 0.868E-08 | 0.595E-08 | 0.448E-08 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.888E-08 | 0.108E-08 | 0.328E-09 | 0.175E-09 | 0.105E-09 | 0.401E-10 | 0.130E-10 | 0.601E-11 | 7.381E-12 | 0.177E-11 |
| SSW | 0.174E-07 | 0.183E-08 | 0.503E-09 | 0.274E-09 | 0.184E-09 | 7.320E-10 | 0.234E-10 | 0.178E-11 | 0.640E-11 | 0.473E-11 |
| SW | 0.164E-07 | 0.152E-08 | 0.463E-09 | 0.233E-09 | 0.139E-09 | 0.328E-10 | 0.176E-10 | 0.649E-11 | 0.359E-11 | 0.412E-11 |
| WSW | 0.142E-07 | 0.136E-08 | 0.399E-09 | 0.204E-09 | 0.112E-09 | 0.451E-10 | 0.147E-10 | 0.700E-11 | 0.474E-11 | 0.368E-11 |
| W | 0.125E-07 | 0.131E-08 | 0.392E-09 | 0.204E-09 | 0.122E-09 | 0.465E-10 | 0.133E-10 | 0.731E-11 | 0.474E-11 | 0.347E-11 |
| WNW | 0.154E-07 | 0.145E-08 | 0.426E-09 | 0.225E-09 | 0.133E-09 | 0.493E-10 | 0.165E-10 | 0.797E-11 | 0.531E-11 | 0.401E-11 |
| NW | 0.140E-07 | 0.134E-08 | 0.391E-09 | 0.199E-09 | 0.118E-09 | 0.590E-10 | 0.420E-10 | 0.184E-10 | 0.472E-11 | 0.351E-11 |
| NNW | 0.103E-07 | 0.103E-08 | 0.314E-09 | 0.166E-09 | 0.102E-09 | 0.827E-10 | 0.215E-10 | 0.871E-11 | 0.471E-11 | 0.269E-11 |
| N | 0.986E-08 | 0.107E-08 | 0.326E-09 | 0.172E-09 | 0.118E-09 | 0.718E-10 | 0.237E-10 | 0.985E-11 | 0.330E-11 | 0.339E-11 |
| NNE | 0.112E-07 | 0.133E-08 | 0.403E-09 | 0.212E-09 | 0.148E-09 | 0.877E-10 | 0.297E-10 | 0.121E-10 | 0.649E-11 | 0.402E-11 |
| NE | 0.853E-08 | 0.954E-09 | 0.291E-09 | 0.149E-09 | 0.867E-10 | 0.802E-10 | 0.269E-10 | 0.110E-10 | 0.596E-11 | 0.370E-11 |
| SNE | 0.143E-07 | 0.152E-08 | 0.456E-09 | 0.229E-09 | 0.137E-09 | 0.991E-10 | 0.409E-10 | 0.148E-10 | 0.758E-11 | 0.478E-11 |
| E | 0.313E-07 | 0.304E-08 | 0.908E-09 | 0.456E-09 | 0.274E-09 | 0.117E-09 | 0.649E-10 | 0.272E-10 | 0.186E-10 | 0.101E-10 |
| ESE | 0.163E-07 | 0.169E-08 | 0.516E-09 | 0.263E-09 | 0.161E-09 | 0.609E-10 | 0.202E-10 | 0.993E-11 | 0.641E-11 | 0.459E-11 |
| SE | 0.135E-07 | 0.142E-08 | 0.437E-09 | 0.225E-09 | 0.138E-09 | 0.317E-10 | 0.170E-10 | 0.800E-11 | 0.530E-11 | 0.378E-11 |
| SSE | 0.167E-07 | 0.194E-08 | 0.610E-09 | 0.320E-09 | 0.193E-09 | 0.735E-10 | 0.243E-10 | 0.115E-10 | 0.702E-11 | 0.502E-11 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.301E-04 |

CONTINUOUS RELEASE FROM FUEL BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.401E-07 |

CONTINUOUS RELEASE FROM FUEL BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.471E-06 |

CONTINUOUS RELEASE FROM FUEL BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.358E-09 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 410 | 125 | 0.948E-03 |
| N | 820 | 250 | 0.948E-04 |
| WNW | 1558 | 475 | 0.838E-04 |
| SW | 8202 | 2500 | 0.525E-05 |

CONTINUOUS RELEASE FROM FUEL BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 410 | 125 | 0.908E-06 |
| N | 820 | 250 | 0.173E-06 |
| WNW | 1558 | 475 | 0.928E-07 |
| SW | 8202 | 2500 | 0.379E-11 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASES FROM FUEL BUILDING
AT POPULATION RECEPTORS
K/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| W | 0.473E-04 | 0.526E-05 | 0.182E-05 | 0.951E-06 | 0.605E-06 | 0.264E-06 | 0.105E-06 | 0.371E-07 | 0.383E-07 | 0.284E-07 |
| SSW | 0.585E-04 | 0.633E-05 | 0.217E-05 | 0.114E-05 | 0.723E-06 | 0.315E-06 | 0.125E-06 | 0.669E-07 | 0.445E-07 | 0.328E-07 |
| SW | 0.512E-04 | 0.567E-05 | 0.195E-05 | 0.103E-05 | 0.653E-06 | 0.285E-06 | 0.113E-06 | 0.614E-07 | 0.410E-07 | 0.304E-07 |
| WSW | 0.357E-04 | 0.374E-05 | 0.127E-05 | 0.663E-06 | 0.421E-06 | 0.182E-06 | 0.712E-07 | 0.377E-07 | 0.248E-07 | 0.182E-07 |
| W | 0.411E-04 | 0.437E-05 | 0.149E-05 | 0.775E-06 | 0.490E-06 | 0.211E-06 | 0.826E-07 | 0.442E-07 | 0.293E-07 | 0.215E-07 |
| WNW | 0.371E-04 | 0.381E-05 | 0.129E-05 | 0.668E-06 | 0.422E-06 | 0.180E-06 | 0.701E-07 | 0.369E-07 | 0.242E-07 | 0.176E-07 |
| NW | 0.391E-04 | 0.416E-05 | 0.142E-05 | 0.743E-06 | 0.471E-06 | 0.204E-06 | 0.805E-07 | 0.430E-07 | 0.285E-07 | 0.209E-07 |
| NNW | 0.161E-04 | 0.157E-05 | 0.522E-06 | 0.268E-06 | 0.168E-06 | 0.707E-07 | 0.269E-07 | 0.139E-07 | 0.898E-08 | 0.649E-08 |
| N | 0.149E-04 | 0.147E-05 | 0.492E-06 | 0.254E-06 | 0.160E-06 | 0.686E-07 | 0.264E-07 | 0.136E-07 | 0.883E-08 | 0.638E-08 |
| NNE | 0.254E-04 | 0.254E-05 | 0.853E-06 | 0.443E-06 | 0.280E-06 | 0.120E-06 | 0.466E-07 | 0.241E-07 | 0.156E-07 | 0.113E-07 |
| NE | 0.254E-04 | 0.251E-05 | 0.837E-06 | 0.432E-06 | 0.272E-06 | 0.115E-06 | 0.440E-07 | 0.227E-07 | 0.147E-07 | 0.106E-07 |
| ENE | 0.337E-04 | 0.359E-05 | 0.123E-05 | 0.638E-06 | 0.404E-06 | 0.175E-06 | 0.686E-07 | 0.367E-07 | 0.243E-07 | 0.179E-07 |
| E | 0.401E-04 | 0.431E-05 | 0.148E-05 | 0.773E-06 | 0.491E-06 | 0.214E-06 | 0.847E-07 | 0.455E-07 | 0.303E-07 | 0.223E-07 |
| ESE | 0.491E-04 | 0.536E-05 | 0.184E-05 | 0.964E-06 | 0.613E-06 | 0.267E-06 | 0.106E-06 | 0.571E-07 | 0.381E-07 | 0.282E-07 |
| SE | 0.596E-04 | 0.645E-05 | 0.221E-05 | 0.116E-05 | 0.736E-06 | 0.321E-06 | 0.127E-06 | 0.681E-07 | 0.452E-07 | 0.333E-07 |
| SSE | 0.542E-04 | 0.603E-05 | 0.208E-05 | 0.109E-05 | 0.696E-06 | 0.305E-06 | 0.122E-06 | 0.660E-07 | 0.441E-07 | 0.327E-07 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.550E-07 | 0.478E-08 | 0.140E-08 | 0.451E-09 | 0.357E-09 | 0.133E-09 | 0.408E-10 | 0.165E-10 | 0.890E-11 | 0.553E-11 |
| SSW | 0.720E-07 | 0.614E-08 | 0.180E-08 | 0.838E-09 | 0.483E-09 | 0.171E-09 | 0.524E-10 | 0.213E-10 | 0.114E-10 | 0.711E-11 |
| SW | 0.501E-07 | 0.427E-08 | 0.125E-08 | 0.382E-09 | 0.336E-09 | 0.119E-09 | 0.365E-10 | 0.148E-10 | 0.796E-11 | 0.495E-11 |
| WSW | 0.391E-07 | 0.334E-08 | 0.979E-09 | 0.435E-09 | 0.262E-09 | 0.930E-10 | 0.285E-10 | 0.116E-10 | 0.622E-11 | 0.387E-11 |
| W | 0.425E-07 | 0.363E-08 | 0.106E-08 | 0.494E-09 | 0.285E-09 | 0.101E-09 | 0.310E-10 | 0.126E-10 | 0.676E-11 | 0.420E-11 |
| WNW | 0.404E-07 | 0.345E-08 | 0.101E-08 | 0.470E-09 | 0.271E-09 | 0.960E-10 | 0.294E-10 | 0.119E-10 | 0.649E-11 | 0.399E-11 |
| NW | 0.534E-07 | 0.456E-08 | 0.134E-08 | 0.621E-09 | 0.358E-09 | 0.127E-09 | 0.389E-10 | 0.158E-10 | 0.850E-11 | 0.528E-11 |
| NNW | 0.324E-07 | 0.276E-08 | 0.810E-09 | 0.377E-09 | 0.217E-09 | 0.770E-10 | 0.236E-10 | 0.958E-11 | 0.515E-11 | 0.320E-11 |
| N | 0.290E-07 | 0.248E-08 | 0.726E-09 | 0.337E-09 | 0.195E-09 | 0.690E-10 | 0.212E-10 | 0.858E-11 | 0.462E-11 | 0.287E-11 |
| NNE | 0.417E-07 | 0.355E-08 | 0.104E-08 | 0.484E-09 | 0.279E-09 | 0.990E-10 | 0.303E-10 | 0.123E-10 | 0.663E-11 | 0.412E-11 |
| NE | 0.375E-07 | 0.320E-08 | 0.937E-09 | 0.435E-09 | 0.251E-09 | 0.890E-10 | 0.273E-10 | 0.111E-10 | 0.596E-11 | 0.370E-11 |
| ENE | 0.467E-07 | 0.399E-08 | 0.117E-08 | 0.543E-09 | 0.313E-09 | 0.111E-09 | 0.340E-10 | 0.138E-10 | 0.743E-11 | 0.461E-11 |
| E | 0.585E-07 | 0.499E-08 | 0.146E-08 | 0.680E-09 | 0.392E-09 | 0.139E-09 | 0.426E-10 | 0.173E-10 | 0.930E-11 | 0.578E-11 |
| ESE | 0.598E-07 | 0.510E-08 | 0.149E-08 | 0.695E-09 | 0.401E-09 | 0.142E-09 | 0.435E-10 | 0.177E-10 | 0.950E-11 | 0.590E-11 |
| SE | 0.593E-07 | 0.506E-08 | 0.148E-08 | 0.690E-09 | 0.398E-09 | 0.141E-09 | 0.432E-10 | 0.175E-10 | 0.944E-11 | 0.586E-11 |
| SSE | 0.644E-07 | 0.549E-08 | 0.161E-08 | 0.748E-09 | 0.432E-09 | 0.153E-09 | 0.469E-10 | 0.190E-10 | 0.102E-10 | 0.636E-11 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.269E-04 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.401E-07 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.457E-06 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.358E-09 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 492 | 150 | 0.557E-03 |
| N | 1033 | 315 | 0.607E-04 |
| WNW | 1575 | 480 | 0.754E-04 |
| SW | 8202 | 2500 | 0.485E-05 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 492 | 150 | 0.568E-06 |
| N | 1033 | 315 | 0.124E-06 |
| WNW | 1575 | 480 | 0.914E-07 |
| SW | 8202 | 2500 | 0.392E-08 |

RIVER BEND PLANTION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE IN MILES | | | | | | | | | |
|--------------------|-------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
| S | 0.452E-04 | 0.483E-05 | 0.171E-05 | 0.907E-06 | 0.581E-06 | 0.257E-06 | 0.103E-06 | 0.561E-07 | 0.376E-07 | 0.279E-07 |
| SSW | 0.532E-04 | 0.587E-05 | 0.206E-05 | 0.109E-05 | 0.699E-06 | 0.308E-06 | 0.122E-06 | 0.659E-07 | 0.439E-07 | 0.323E-07 |
| SW | 0.470E-04 | 0.522E-05 | 0.185E-05 | 0.980E-06 | 0.628E-06 | 0.277E-06 | 0.111E-06 | 0.604E-07 | 0.404E-07 | 0.299E-07 |
| WSW | 0.322E-04 | 0.352E-05 | 0.122E-05 | 0.642E-06 | 0.409E-06 | 0.178E-06 | 0.712E-07 | 0.373E-07 | 0.246E-07 | 0.180E-07 |
| W | 0.377E-04 | 0.409E-05 | 0.142E-05 | 0.747E-06 | 0.476E-06 | 0.206E-06 | 0.813E-07 | 0.436E-07 | 0.289E-07 | 0.213E-07 |
| NNW | 0.338E-04 | 0.361E-05 | 0.124E-05 | 0.649E-06 | 0.412E-06 | 0.177E-06 | 0.692E-07 | 0.365E-07 | 0.239E-07 | 0.175E-07 |
| NW | 0.355E-04 | 0.388E-05 | 0.136E-05 | 0.713E-06 | 0.457E-06 | 0.200E-06 | 0.791E-07 | 0.424E-07 | 0.281E-07 | 0.207E-07 |
| NNW | 0.146E-04 | 0.151E-05 | 0.509E-06 | 0.263E-06 | 0.166E-06 | 0.699E-07 | 0.287E-07 | 0.138E-07 | 0.693E-08 | 0.646E-08 |
| N | 0.133E-04 | 0.140E-05 | 0.477E-06 | 0.249E-06 | 0.157E-06 | 0.677E-07 | 0.261E-07 | 0.135E-07 | 0.677E-08 | 0.635E-08 |
| SSE | 0.228E-04 | 0.242E-05 | 0.827E-06 | 0.433E-06 | 0.275E-06 | 0.119E-06 | 0.461E-07 | 0.239E-07 | 0.155E-07 | 0.113E-07 |
| NE | 0.228E-04 | 0.241E-05 | 0.816E-06 | 0.423E-06 | 0.267E-06 | 0.114E-06 | 0.437E-07 | 0.226E-07 | 0.146E-07 | 0.105E-07 |
| ESE | 0.310E-04 | 0.335E-05 | 0.117E-05 | 0.614E-06 | 0.392E-06 | 0.171E-06 | 0.674E-07 | 0.362E-07 | 0.240E-07 | 0.177E-07 |
| E | 0.367E-04 | 0.399E-05 | 0.140E-05 | 0.741E-06 | 0.474E-06 | 0.209E-06 | 0.831E-07 | 0.448E-07 | 0.299E-07 | 0.220E-07 |
| ESE | 0.452E-04 | 0.495E-05 | 0.174E-05 | 0.922E-06 | 0.590E-06 | 0.260E-06 | 0.104E-06 | 0.562E-07 | 0.375E-07 | 0.278E-07 |
| SE | 0.541E-04 | 0.599E-05 | 0.210E-05 | 0.111E-05 | 0.712E-06 | 0.313E-06 | 0.125E-06 | 0.670E-07 | 0.446E-07 | 0.329E-07 |
| SSE | 0.499E-04 | 0.533E-05 | 0.195E-05 | 0.104E-05 | 0.669E-06 | 0.296E-06 | 0.119E-06 | 0.648E-07 | 0.434E-07 | 0.322E-07 |

RIVER BEND STATION THIRD QUARTER (JULY 1, 1991 TO SEPTEMBER 30, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.560E-07 | 0.478E-08 | 0.140E-08 | 0.651E-09 | 0.375E-09 | 0.133E-09 | 0.408E-10 | 0.163E-10 | 0.690E-11 | 0.553E-11 |
| SSW | 0.720E-07 | 0.614E-08 | 0.180E-08 | 0.835E-09 | 0.480E-09 | 0.171E-09 | 0.524E-10 | 0.213E-10 | 0.114E-10 | 0.711E-11 |
| SW | 0.501E-07 | 0.427E-08 | 0.125E-08 | 0.582E-09 | 0.336E-09 | 0.119E-09 | 0.365E-10 | 0.148E-10 | 0.796E-11 | 0.495E-11 |
| WSW | 0.391E-07 | 0.354E-08 | 0.979E-09 | 0.455E-09 | 0.262E-09 | 0.930E-10 | 0.285E-10 | 0.116E-10 | 0.622E-11 | 0.387E-11 |
| W | 0.429E-07 | 0.363E-08 | 0.108E-08 | 0.494E-09 | 0.285E-09 | 0.101E-09 | 0.310E-10 | 0.126E-10 | 0.676E-11 | 0.420E-11 |
| WNW | 0.404E-07 | 0.348E-08 | 0.101E-08 | 0.470E-09 | 0.271E-09 | 0.960E-10 | 0.294E-10 | 0.119E-10 | 0.643E-11 | 0.399E-11 |
| NK | 0.534E-07 | 0.456E-08 | 0.134E-08 | 0.621E-09 | 0.359E-09 | 0.127E-09 | 0.389E-10 | 0.158E-10 | 0.850E-11 | 0.528E-11 |
| NNW | 0.324E-07 | 0.276E-08 | 0.810E-09 | 0.377E-09 | 0.217E-09 | 0.770E-10 | 0.236E-10 | 0.958E-11 | 0.515E-11 | 0.320E-11 |
| N | 0.290E-07 | 0.248E-08 | 0.726E-09 | 0.337E-09 | 0.195E-09 | 0.690E-10 | 0.212E-10 | 0.858E-11 | 0.462E-11 | 0.287E-11 |
| NNE | 0.417E-07 | 0.355E-08 | 0.104E-08 | 0.484E-09 | 0.279E-09 | 0.990E-10 | 0.300E-10 | 0.123E-10 | 0.663E-11 | 0.412E-11 |
| NE | 0.375E-07 | 0.320E-08 | 0.937E-09 | 0.435E-09 | 0.251E-09 | 0.890E-10 | 0.273E-10 | 0.111E-10 | 0.596E-11 | 0.370E-11 |
| ENE | 0.467E-07 | 0.399E-08 | 0.117E-08 | 0.543E-09 | 0.313E-09 | 0.111E-09 | 0.340E-10 | 0.138E-10 | 0.743E-11 | 0.461E-11 |
| E | 0.535E-07 | 0.499E-08 | 0.146E-08 | 0.680E-09 | 0.392E-09 | 0.139E-09 | 0.426E-10 | 0.173E-10 | 0.930E-11 | 0.578E-11 |
| ESE | 0.598E-07 | 0.510E-08 | 0.149E-08 | 0.695E-09 | 0.401E-09 | 0.142E-09 | 0.435E-10 | 0.177E-10 | 0.950E-11 | 0.590E-11 |
| SE | 0.593E-07 | 0.506E-08 | 0.148E-08 | 0.690E-09 | 0.398E-09 | 0.141E-09 | 0.432E-10 | 0.175E-10 | 0.944E-11 | 0.586E-11 |
| SSE | 0.644E-07 | 0.549E-08 | 0.161E-08 | 0.748E-09 | 0.432E-09 | 0.153E-09 | 0.469E-10 | 0.190E-10 | 0.102E-10 | 0.636E-11 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.675E-05 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.320E-07 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.178E-06 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.337E-09 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 377 | 115 | 0.367E-04 |
| N | 902 | 275 | 0.256E-04 |
| WNW | 1640 | 500 | 0.181E-04 |
| SW | 8202 | 2500 | 0.999E-06 |

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 377 | 115 | 0.248E-07 |
| N | 902 | 275 | 0.686E-07 |
| WNW | 1640 | 500 | 0.651E-07 |
| SW | 8202 | 2500 | 0.196E-08 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.389E-05 | 0.492E-06 | 0.189E-06 | 0.115E-06 | 0.774E-07 | 0.383E-07 | 0.169E-07 | 0.953E-08 | 0.653E-08 | 0.492E-08 |
| SSW | 0.455E-05 | 0.500E-06 | 0.189E-06 | 0.115E-06 | 0.708E-07 | 0.399E-07 | 0.184E-07 | 0.107E-07 | 0.747E-08 | 0.571E-08 |
| SW | 0.107E-04 | 0.103E-05 | 0.389E-06 | 0.202E-06 | 0.156E-06 | 0.763E-07 | 0.338E-07 | 0.193E-07 | 0.113E-07 | 0.101E-07 |
| WSW | 0.604E-05 | 0.561E-06 | 0.113E-06 | 0.127E-06 | 0.863E-07 | 0.429E-07 | 0.186E-07 | 0.114E-07 | 0.792E-08 | 0.605E-08 |
| W | 0.310E-05 | 0.302E-06 | 0.120E-06 | 0.732E-07 | 0.505E-07 | 0.261E-07 | 0.125E-07 | 0.742E-08 | 0.528E-08 | 0.405E-08 |
| WNW | 0.803E-05 | 0.920E-06 | 0.350E-06 | 0.251E-06 | 0.165E-06 | 0.683E-07 | 0.300E-07 | 0.169E-07 | 0.116E-07 | 0.872E-08 |
| NW | 0.895E-05 | 0.101E-05 | 0.399E-06 | 0.246E-06 | 0.178E-06 | 0.928E-07 | 0.524E-07 | 0.286E-07 | 0.121E-07 | 0.916E-08 |
| NNW | 0.402E-05 | 0.461E-06 | 0.176E-06 | 0.113E-06 | 0.811E-07 | 0.472E-07 | 0.227E-07 | 0.123E-07 | 0.824E-08 | 0.387E-08 |
| N | 0.399E-05 | 0.434E-06 | 0.177E-06 | 0.115E-06 | 0.829E-07 | 0.573E-07 | 0.243E-07 | 0.133E-07 | 0.891E-08 | 0.662E-08 |
| NNE | 0.103E-05 | 0.145E-06 | 0.676E-07 | 0.450E-07 | 0.338E-07 | 0.268E-07 | 0.115E-07 | 0.621E-08 | 0.415E-08 | 0.307E-08 |
| NE | 0.655E-07 | 0.210E-07 | 0.130E-07 | 0.735E-08 | 0.615E-08 | 0.509E-08 | 0.285E-08 | 0.153E-08 | 0.102E-08 | 0.754E-09 |
| ENE | 0.123E-05 | 0.147E-06 | 0.595E-07 | 0.336E-07 | 0.226E-07 | 0.237E-07 | 0.122E-07 | 0.697E-08 | 0.479E-08 | 0.357E-08 |
| E | 0.505E-06 | 0.770E-07 | 0.335E-07 | 0.197E-07 | 0.137E-07 | 0.969E-08 | 0.537E-08 | 0.340E-08 | 0.227E-08 | 0.168E-08 |
| ESE | 0.979E-06 | 0.161E-06 | 0.663E-07 | 0.386E-07 | 0.287E-07 | 0.155E-07 | 0.693E-08 | 0.339E-08 | 0.233E-08 | 0.176E-08 |
| SE | 0.202E-05 | 0.305E-06 | 0.120E-06 | 0.675E-07 | 0.459E-07 | 0.220E-07 | 0.943E-08 | 0.519E-08 | 0.351E-08 | 0.262E-08 |
| SSE | 0.247E-05 | 0.321E-06 | 0.131E-06 | 0.791E-07 | 0.533E-07 | 0.252E-07 | 0.106E-07 | 0.577E-08 | 0.388E-08 | 0.288E-08 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM CONTAINMENT BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/W²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.176E-07 | 0.103E-08 | 0.626E-09 | 0.213E-09 | 0.192E-09 | 0.704E-10 | 0.217E-10 | 0.967E-11 | 0.599E-11 | 0.432E-11 |
| SSW | 0.175E-07 | 0.137E-08 | 0.540E-09 | 0.179E-09 | 0.166E-09 | 0.622E-10 | 0.200E-10 | 0.932E-11 | 0.603E-11 | 0.449E-11 |
| SW | 0.213E-07 | 0.125E-08 | 0.603E-09 | 0.307E-09 | 0.192E-09 | 0.673E-10 | 0.217E-10 | 0.102E-10 | 0.673E-11 | 0.313E-11 |
| WSW | 0.206E-07 | 0.197E-08 | 0.378E-09 | 0.293E-09 | 0.176E-09 | 0.663E-10 | 0.218E-10 | 0.104E-10 | 0.674E-11 | 0.494E-11 |
| W | 0.158E-07 | 0.147E-08 | 0.418E-09 | 0.218E-09 | 0.130E-09 | 0.491E-10 | 0.164E-10 | 0.794E-11 | 0.513E-11 | 0.368E-11 |
| WNW | 0.351E-07 | 0.342E-08 | 0.982E-09 | 0.502E-09 | 0.295E-09 | 0.108E-09 | 0.345E-10 | 0.160E-10 | 0.104E-10 | 0.779E-11 |
| NW | 0.416E-07 | 0.389E-08 | 0.112E-08 | 0.567E-09 | 0.337E-09 | 0.220E-09 | 0.843E-10 | 0.354E-10 | 0.119E-10 | 0.880E-11 |
| NNW | 0.233E-07 | 0.237E-08 | 0.495E-09 | 0.370E-09 | 0.231E-09 | 0.114E-09 | 0.389E-10 | 0.158E-10 | 0.852E-11 | 0.470E-11 |
| N | 0.213E-07 | 0.223E-08 | 0.660E-09 | 0.349E-09 | 0.222E-09 | 0.114E-09 | 0.365E-10 | 0.148E-10 | 0.797E-11 | 0.504E-11 |
| NNE | 0.604E-08 | 0.693E-09 | 0.211E-09 | 0.112E-09 | 0.759E-10 | 0.418E-10 | 0.136E-10 | 0.561E-11 | 0.302E-11 | 0.187E-11 |
| NE | 0.138E-08 | 0.155E-09 | 0.530E-10 | 0.264E-10 | 0.162E-10 | 0.975E-11 | 0.325E-11 | 0.138E-11 | 0.740E-12 | 0.460E-12 |
| ENE | 0.299E-08 | 0.347E-09 | 0.104E-09 | 0.518E-10 | 0.309E-10 | 0.294E-10 | 0.116E-10 | 0.429E-11 | 0.221E-11 | 0.139E-11 |
| E | 0.631E-08 | 0.642E-09 | 0.197E-09 | 0.101E-09 | 0.609E-10 | 0.258E-10 | 0.124E-10 | 0.528E-11 | 0.300E-11 | 0.193E-11 |
| ESE | 0.610E-08 | 0.801E-09 | 0.247E-09 | 0.125E-09 | 0.761E-10 | 0.281E-10 | 0.853E-11 | 0.388E-11 | 0.231E-11 | 0.159E-11 |
| SE | 0.127E-07 | 0.163E-08 | 0.487E-09 | 0.243E-09 | 0.145E-09 | 0.537E-10 | 0.168E-10 | 0.754E-11 | 0.460E-11 | 0.324E-11 |
| SSE | 0.129E-07 | 0.152E-08 | 0.494E-09 | 0.254E-09 | 0.152E-09 | 0.561E-10 | 0.177E-10 | 0.732E-11 | 0.464E-11 | 0.343E-11 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.603E-04 |

CONTINUOUS RELEASE FROM FUEL BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.999E-07 |

CONTINUOUS RELEASE FROM FUEL BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.969E-06 |

CONTINUOUS RELEASE FROM FUEL BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.893E-09 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM FUEL BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 410 | 125 | 0.266E-03 |
| N | 820 | 250 | 0.954E-04 |
| WNW | 1558 | 475 | 0.127E-03 |
| SW | 8202 | 2500 | 0.719E-05 |

CONTINUOUS RELEASE FROM FUEL BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 410 | 125 | 0.194E-06 |
| N | 820 | 250 | 0.254E-06 |
| WNW | 1558 | 475 | 0.127E-06 |
| SW | 8202 | 2500 | 0.496E-08 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASES FROM FUEL BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| " | 0.428E-04 | 0.483E-05 | 0.167E-05 | 0.876E-06 | 0.558E-06 | 0.244E-06 | 0.972E-07 | 0.530E-07 | 0.356E-07 | 0.264E-07 |
| SSW | 0.599E-04 | 0.691E-05 | 0.241E-05 | 0.127E-05 | 0.812E-06 | 0.358E-06 | 0.144E-06 | 0.791E-07 | 0.533E-07 | 0.397E-07 |
| SW | 0.671E-04 | 0.776E-05 | 0.271E-05 | 0.143E-05 | 0.913E-06 | 0.403E-06 | 0.162E-06 | 0.890E-07 | 0.600E-07 | 0.447E-07 |
| WSW | 0.768E-04 | 0.912E-05 | 0.320E-05 | 0.169E-05 | 0.108E-05 | 0.482E-06 | 0.195E-06 | 0.108E-06 | 0.733E-07 | 0.548E-07 |
| W | 0.549E-04 | 0.667E-05 | 0.233E-05 | 0.123E-05 | 0.788E-06 | 0.349E-06 | 0.141E-06 | 0.777E-07 | 0.526E-07 | 0.393E-07 |
| NW | 0.538E-04 | 0.609E-05 | 0.221E-05 | 0.111E-05 | 0.708E-06 | 0.310E-06 | 0.124E-06 | 0.678E-07 | 0.455E-07 | 0.338E-07 |
| NW | 0.778E-04 | 0.850E-05 | 0.292E-05 | 0.153E-05 | 0.919E-06 | 0.420E-06 | 0.166E-06 | 0.900E-07 | 0.601E-07 | 0.445E-07 |
| NW | 0.161E-04 | 0.188E-05 | 0.640E-06 | 0.332E-06 | 0.209E-06 | 0.899E-07 | 0.351E-07 | 0.188E-07 | 0.125E-07 | 0.917E-08 |
| N | 0.131E-04 | 0.140E-05 | 0.480E-06 | 0.250E-06 | 0.158E-06 | 0.687E-07 | 0.270E-07 | 0.146E-07 | 0.971E-08 | 0.718E-08 |
| NNE | 0.327E-05 | 0.334E-06 | 0.113E-06 | 0.583E-07 | 0.368E-07 | 0.158E-07 | 0.615E-08 | 0.327E-08 | 0.216E-08 | 0.159E-08 |
| NE | 0.751E-05 | 0.823E-06 | 0.283E-06 | 0.148E-06 | 0.941E-07 | 0.403E-07 | 0.162E-07 | 0.877E-08 | 0.585E-08 | 0.453E-08 |
| ENE | 0.890E-05 | 0.948E-06 | 0.323E-06 | 0.166E-06 | 0.106E-06 | 0.450E-07 | 0.179E-07 | 0.957E-08 | 0.634E-08 | 0.467E-08 |
| E | 0.104E-04 | 0.119E-05 | 0.412E-06 | 0.217E-06 | 0.138E-06 | 0.609E-07 | 0.244E-07 | 0.134E-07 | 0.906E-08 | 0.675E-08 |
| ESE | 0.242E-04 | 0.276E-05 | 0.955E-06 | 0.502E-06 | 0.320E-06 | 0.140E-06 | 0.560E-07 | 0.306E-07 | 0.206E-07 | 0.153E-07 |
| SE | 0.460E-04 | 0.522E-05 | 0.181E-05 | 0.948E-06 | 0.603E-06 | 0.264E-06 | 0.105E-06 | 0.575E-07 | 0.387E-07 | 0.287E-07 |
| SSE | 0.369E-04 | 0.413E-05 | 0.143E-05 | 0.746E-06 | 0.476E-06 | 0.208E-06 | 0.827E-07 | 0.450E-07 | 0.301E-07 | 0.224E-07 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM FOEL BUILDING
 AT POPULATION RECEPTORS
 D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.612E-07 | 0.522E-08 | 0.153E-08 | 0.712E-09 | 0.411E-09 | 0.146E-09 | 0.446E-10 | 0.161E-10 | 0.974E-11 | 0.605E-11 |
| SSW | 0.709E-07 | 0.605E-08 | 0.177E-08 | 0.824E-09 | 0.475E-09 | 0.169E-09 | 0.516E-10 | 0.210E-10 | 0.113E-10 | 0.700E-11 |
| SW | 0.634E-07 | 0.541E-08 | 0.159E-08 | 0.737E-09 | 0.423E-09 | 0.151E-09 | 0.462E-10 | 0.167E-10 | 0.101E-10 | 0.626E-11 |
| WSW | 0.634E-07 | 0.541E-08 | 0.159E-08 | 0.737E-09 | 0.423E-09 | 0.151E-09 | 0.462E-10 | 0.167E-10 | 0.101E-10 | 0.626E-11 |
| W | 2.462E-07 | 0.394E-08 | 0.116E-08 | 0.537E-09 | 0.310E-09 | 0.110E-09 | 0.336E-10 | 0.137E-10 | 0.735E-11 | 0.456E-11 |
| WNW | 0.551E-07 | 0.470E-08 | 0.138E-08 | 0.641E-09 | 0.370E-09 | 0.131E-09 | 0.402E-10 | 0.163E-10 | 0.877E-11 | 0.545E-11 |
| NW | 0.133E-06 | 0.114E-07 | 0.333E-08 | 0.155E-08 | 0.893E-09 | 0.317E-09 | 0.970E-10 | 0.394E-10 | 0.212E-10 | 0.132E-10 |
| NNW | 0.930E-07 | 0.623E-08 | 0.183E-08 | 0.849E-09 | 0.490E-09 | 0.174E-09 | 0.532E-10 | 0.216E-10 | 0.116E-10 | 0.722E-11 |
| N | 0.426E-07 | 0.364E-08 | 0.107E-08 | 0.495E-09 | 0.286E-09 | 0.101E-09 | 0.310E-10 | 0.126E-10 | 0.678E-11 | 0.421E-11 |
| NNE | 0.125E-07 | 0.107E-08 | 0.313E-09 | 0.146E-09 | 0.840E-10 | 0.298E-10 | 0.913E-11 | 0.370E-11 | 0.199E-11 | 0.124E-11 |
| NE | 0.895E-08 | 0.764E-09 | 0.224E-09 | 0.104E-09 | 0.600E-10 | 0.213E-10 | 0.652E-11 | 0.265E-11 | 0.142E-11 | 0.884E-12 |
| ENE | 0.107E-07 | 0.917E-09 | 0.269E-09 | 0.125E-09 | 0.720E-10 | 0.255E-10 | 0.782E-11 | 0.318E-11 | 0.171E-11 | 0.106E-11 |
| E | 0.125E-07 | 0.107E-08 | 0.313E-09 | 0.146E-09 | 0.840E-10 | 0.298E-10 | 0.913E-11 | 0.370E-11 | 0.199E-11 | 0.124E-11 |
| ESE | 0.224E-07 | 0.192E-08 | 0.564E-09 | 0.262E-09 | 0.131E-09 | 0.536E-10 | 0.164E-10 | 0.567E-11 | 0.359E-11 | 0.223E-11 |
| SE | 0.524E-07 | 0.449E-08 | 0.132E-08 | 0.612E-09 | 0.353E-09 | 0.125E-09 | 0.383E-10 | 0.156E-10 | 0.837E-11 | 0.520E-11 |
| SSE | 0.537E-07 | 0.458E-08 | 0.134E-08 | 0.624E-09 | 0.360E-09 | 0.128E-09 | 0.391E-10 | 0.159E-10 | 0.854E-11 | 0.531E-11 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
VEGETABLE GARDEN X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.539E-04 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
VEGETABLE GARDEN D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 0.60 | 960 | 0.999E-07 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
COW MILK X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.934E-06 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
COW MILK D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | MILES | METERS | |
| NW | 4.50 | 7242 | 0.893E-09 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 X/Q VALUES (SEC/M³)

| RECEPTOR SECTOR | DISTANCE | | X/Q SEC/M ³ |
|--------------------|----------|--------|---------------------------|
| | FEET | METERS | |
| ENE | 492 | 150 | 0.146E-03 |
| N | 1033 | 315 | 0.613E-04 |
| WNW | 1575 | 480 | 0.120E-03 |
| SW | 8202 | 2500 | 0.654E-05 |

CONTINUOUS RELEASE FROM RADWASTE BUILDING
 AT RECEPTORS WITHIN THE SITE BOUNDRY
 D/Q VALUES (1/M²)

| RECEPTOR SECTOR | DISTANCE | | D/Q 1/M ² |
|--------------------|----------|--------|-------------------------|
| | FEET | METERS | |
| ENE | 492 | 150 | 0.131E-06 |
| N | 1033 | 315 | 0.182E-06 |
| WNW | 1575 | 480 | 0.125E-06 |
| SW | 8202 | 2500 | 0.496E-08 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
AT POPULATION RECEPTORS
X/Q VALUES (SEC/M³)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.398E-04 | 0.441E-05 | 0.157E-05 | 0.833E-06 | 0.535E-06 | 0.237E-06 | 0.950E-07 | 0.520E-07 | 0.350E-07 | 0.260E-07 |
| SSW | 0.555E-04 | 0.427E-05 | 0.225E-05 | 0.120E-05 | 0.776E-06 | 0.347E-06 | 0.141E-06 | 0.774E-07 | 0.523E-07 | 0.390E-07 |
| SW | 0.621E-04 | 0.704E-05 | 0.253E-05 | 0.135E-05 | 0.872E-06 | 0.390E-06 | 0.156E-06 | 0.872E-07 | 0.589E-07 | 0.440E-07 |
| WSW | 0.718E-04 | 0.820E-05 | 0.297E-05 | 0.160E-05 | 0.103E-05 | 0.464E-06 | 0.190E-06 | 0.106E-06 | 0.718E-07 | 0.538E-07 |
| W | 0.531E-04 | 0.602E-05 | 0.217E-05 | 0.117E-05 | 0.752E-06 | 0.337E-06 | 0.137E-06 | 0.761E-07 | 0.516E-07 | 0.386E-07 |
| WNW | 0.498E-04 | 0.557E-05 | 0.198E-05 | 0.106E-05 | 0.679E-06 | 0.302E-06 | 0.121E-06 | 0.665E-07 | 0.447E-07 | 0.333E-07 |
| NW | 0.719E-04 | 0.786E-05 | 0.277E-05 | 0.146E-05 | 0.934E-06 | 0.409E-06 | 0.163E-06 | 0.885E-07 | 0.592E-07 | 0.439E-07 |
| NNW | 0.168E-04 | 0.176E-05 | 0.610E-06 | 0.319E-06 | 0.203E-06 | 0.878E-07 | 0.345E-07 | 0.185E-07 | 0.123E-07 | 0.905E-08 |
| N | 0.122E-04 | 0.130E-05 | 0.455E-06 | 0.240E-06 | 0.153E-06 | 0.668E-07 | 0.265E-07 | 0.143E-07 | 0.956E-08 | 0.707E-08 |
| NNE | 0.303E-05 | 0.312E-06 | 0.108E-06 | 0.563E-07 | 0.357E-07 | 0.154E-07 | 0.605E-08 | 0.323E-08 | 0.214E-08 | 0.157E-08 |
| NE | 0.692E-05 | 0.761E-06 | 0.268E-06 | 0.142E-06 | 0.907E-07 | 0.398E-07 | 0.159E-07 | 0.862E-08 | 0.577E-08 | 0.427E-08 |
| ENE | 0.823E-05 | 0.883E-06 | 0.307E-06 | 0.161E-06 | 0.103E-06 | 0.447E-07 | 0.176E-07 | 0.942E-08 | 0.625E-08 | 0.461E-08 |
| E | 0.969E-05 | 0.108E-05 | 0.385E-06 | 0.206E-06 | 0.132E-06 | 0.589E-07 | 0.238E-07 | 0.131E-07 | 0.888E-08 | 0.663E-08 |
| ESE | 0.225E-04 | 0.251E-05 | 0.897E-06 | 0.477E-06 | 0.306E-06 | 0.136E-06 | 0.547E-07 | 0.300E-07 | 0.202E-07 | 0.150E-07 |
| SE | 0.479E-04 | 0.477E-05 | 0.170E-05 | 0.901E-06 | 0.578E-06 | 0.256E-06 | 0.103E-06 | 0.564E-07 | 0.380E-07 | 0.283E-07 |
| SSE | 0.342E-04 | 0.379E-05 | 0.134E-05 | 0.713E-06 | 0.457E-06 | 0.202E-06 | 0.809E-07 | 0.411E-07 | 0.296E-07 | 0.220E-07 |

RIVER BEND STATION FOURTH QUARTER (OCTOBER 1, 1991 TO DECEMBER 31, 1991)

CONTINUOUS RELEASE FROM RADWASTE BUILDING
AT POPULATION RECEPTORS
D/Q VALUES (1/M²)

DISTANCE IN MILES

| RECEPTOR SECTOR | 0.500 | 1.500 | 2.500 | 3.500 | 4.500 | 7.500 | 15.00 | 25.00 | 35.00 | 45.00 |
|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| S | 0.612E-07 | 0.522E-08 | 0.153E-08 | 0.712E-09 | 0.411E-09 | 0.146E-09 | 0.446E-10 | 0.181E-10 | 0.974E-11 | 0.605E-11 |
| SSW | 0.709E-07 | 0.605E-08 | 0.177E-08 | 0.824E-09 | 0.475E-09 | 0.169E-09 | 0.516E-10 | 0.210E-10 | 0.113E-10 | 0.700E-11 |
| SW | 0.634E-07 | 0.541E-08 | 0.159E-08 | 0.737E-09 | 0.425E-09 | 0.151E-09 | 0.462E-10 | 0.187E-10 | 0.101E-10 | 0.626E-11 |
| WSW | 0.634E-07 | 0.541E-08 | 0.159E-08 | 0.737E-09 | 0.425E-09 | 0.151E-09 | 0.462E-10 | 0.187E-10 | 0.101E-10 | 0.626E-11 |
| W | 0.462E-07 | 0.394E-08 | 0.116E-08 | 0.537E-09 | 0.310E-09 | 0.110E-09 | 0.336E-10 | 0.137E-10 | 0.733E-11 | 0.456E-11 |
| WNW | 0.551E-07 | 0.470E-08 | 0.138E-08 | 0.641E-09 | 0.370E-09 | 0.131E-09 | 0.402E-10 | 0.163E-10 | 0.877E-11 | 0.545E-11 |
| NW | 0.133E-06 | 0.114E-07 | 0.333E-08 | 0.155E-08 | 0.893E-09 | 0.317E-09 | 0.970E-10 | 0.394E-10 | 0.212E-10 | 0.132E-10 |
| NNW | 0.730E-07 | 0.623E-08 | 0.183E-08 | 0.849E-09 | 0.490E-09 | 0.174E-09 | 0.532E-10 | 0.216E-10 | 0.116E-10 | 0.722E-11 |
| N | 0.426E-07 | 0.364E-08 | 0.107E-08 | 0.495E-09 | 0.286E-09 | 0.101E-09 | 0.310E-10 | 0.126E-10 | 0.678E-11 | 0.421E-11 |
| NNE | 0.125E-07 | 0.107E-08 | 0.313E-09 | 0.146E-09 | 0.840E-10 | 0.298E-10 | 0.913E-11 | 0.370E-11 | 0.199E-11 | 0.114E-11 |
| NE | 0.895E-08 | 0.764E-09 | 0.224E-09 | 0.104E-09 | 0.600E-10 | 0.213E-10 | 0.652E-11 | 0.265E-11 | 0.142E-11 | 0.084E-12 |
| ENE | 0.107E-07 | 0.917E-09 | 0.269E-09 | 0.125E-09 | 0.720E-10 | 0.255E-10 | 0.762E-11 | 0.318E-11 | 0.171E-11 | 0.106E-11 |
| E | 0.125E-07 | 0.107E-08 | 0.313E-09 | 0.146E-09 | 0.840E-10 | 0.298E-10 | 0.913E-11 | 0.370E-11 | 0.199E-11 | 0.114E-11 |
| ESE | 0.226E-07 | 0.192E-08 | 0.564E-09 | 0.262E-09 | 0.151E-09 | 0.536E-10 | 0.164E-10 | 0.667E-11 | 0.359E-11 | 0.203E-11 |
| SE | 0.526E-07 | 0.449E-08 | 0.132E-08 | 0.612E-09 | 0.353E-09 | 0.125E-09 | 0.383E-10 | 0.156E-10 | 0.837E-11 | 0.520E-11 |
| SSE | 0.537E-07 | 0.458E-08 | 0.134E-08 | 0.624E-09 | 0.360E-09 | 0.128E-09 | 0.391E-10 | 0.159E-10 | 0.854E-11 | 0.531E-11 |