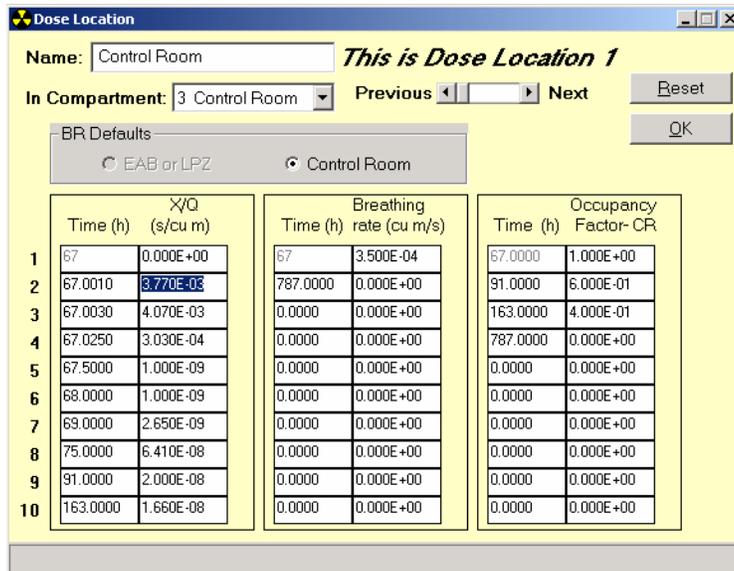




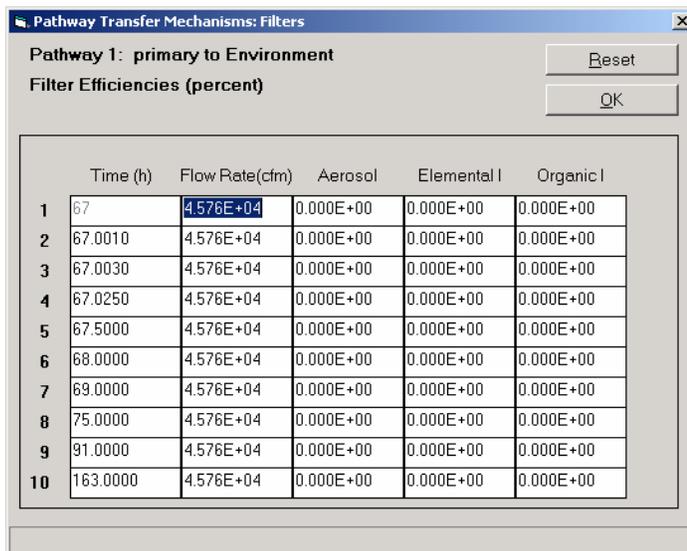
Appendix A: Sample Input Screens.

The Dose Location Screen shown below is taken from the error data deck. Note that the user has a 67 hour delay time and no dilution at time 0.0, then at about 3.5 seconds the dilution starts and over the next half hour changes several times before reaching a very low value. With a six minute time step the code thought there was no dilution for that first period because it had not included the time intervals into its time step control.

The Pathway Transfer Filters screen is shown with a full set of time intervals, even though the flow is constant. With this added input the time step control knows to take 3 second time steps and to get the start of the dilution, therefore changing the mass moved to the control room. The user should verify that the control room dilution time intervals are all included in another time dependent input.



	Time (h)	X/Q (s/cu m)	Time (h)	Breathing rate (cu m/s)	Time (h)	Occupancy Factor-CR
1	67	0.000E+00	67	3.500E-04	67.0000	1.000E+00
2	67.0010	3.770E-08	787.0000	0.000E+00	91.0000	6.000E-01
3	67.0030	4.070E-03	0.0000	0.000E+00	163.0000	4.000E-01
4	67.0250	3.030E-04	0.0000	0.000E+00	787.0000	0.000E+00
5	67.5000	1.000E-09	0.0000	0.000E+00	0.0000	0.000E+00
6	68.0000	1.000E-09	0.0000	0.000E+00	0.0000	0.000E+00
7	69.0000	2.650E-09	0.0000	0.000E+00	0.0000	0.000E+00
8	75.0000	6.410E-08	0.0000	0.000E+00	0.0000	0.000E+00
9	91.0000	2.000E-08	0.0000	0.000E+00	0.0000	0.000E+00
10	163.0000	1.660E-08	0.0000	0.000E+00	0.0000	0.000E+00



	Time (h)	Flow Rate(cfm)	Aerosol	Elemental I	Organic I
1	67	4.576E+04	0.000E+00	0.000E+00	0.000E+00
2	67.0010	4.576E+04	0.000E+00	0.000E+00	0.000E+00
3	67.0030	4.576E+04	0.000E+00	0.000E+00	0.000E+00
4	67.0250	4.576E+04	0.000E+00	0.000E+00	0.000E+00
5	67.5000	4.576E+04	0.000E+00	0.000E+00	0.000E+00
6	68.0000	4.576E+04	0.000E+00	0.000E+00	0.000E+00
7	69.0000	4.576E+04	0.000E+00	0.000E+00	0.000E+00
8	75.0000	4.576E+04	0.000E+00	0.000E+00	0.000E+00
9	91.0000	4.576E+04	0.000E+00	0.000E+00	0.000E+00
10	163.0000	4.576E+04	0.000E+00	0.000E+00	0.000E+00