Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

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Probabilistic Input

0Number of Sample Runs: 300

Number	Name	Distribution	Parameters
1	DCACTC(1)	LOGNORMAL-N	7.78 2.76
2	DCACTU1(1)	LOGNORMAL-N	7.78 2.76
3	DCACTS(1)	LOGNORMAL-N	7.78 2.76
4	DCACTC(2)	LOGNORMAL-N	8.17 1.7
5	DCACTU1(2)	LOGNORMAL-N	8.17 1.7
6	DCACTS(2)	LOGNORMAL-N	8.17 1.7
7	BRTF(82,1)	LOGNORMAL-N	-5.52 .916291
8	BRTF(82,2)	LOGNORMAL-N	-7.13 .693147
9	BRTF(82,3)	LOGNORMAL-N	-8.11 .91629
10	BBIO(82,1)	LOGNORMAL-N	5.7 1.1
11	BRTF(88,1)	LOGNORMAL-N	-3.22 .916291
12	BRTF(88,2)	LOGNORMAL-N	-6.91 .693147
13	BRTF(88,3)	LOGNORMAL-N	-6.91 .47
14	BBIO(88,1)	LOGNORMAL-N	3.9 1.1
15	UW	UNIFORM	250 2500
16	MLINH	CONTINUOUS LINEAR	8 0 0 .000008 .0151 .000016 .1365 .00003 .8119 .00004 .9495 .00006 .9937 .000076 .9983 .0001 1
17	SHF3	UNIFORM	.15 .95
18	DM	TRIANGULAR	0 .15 .6
19	DROOT	UNIFORM	.3 4
20	YV(1)	TRUNCATED LOGNORMAL-N	.56 .48 .001 .999
21	WLAM	TRIANGULAR	5.1 18 84
22	RWET(2)	TRIANGULAR	.06 .67 .95

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0 Probabilistic Total Dose Summary

0Nuclide (j)	Peak Time	Peak Dose	DOSE(j,t), mrem/yr t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210										
Min	0.00E+00	1.49E-15	1.49E-15	1.45E-15	1.37E-15	1.13E-15	6.43E-16	9.05E-17	3.35E-19	2.25E-27
Max	9.72E+02	1.18E+01	1.18E+01	1.14E+01	1.07E+01	8.66E+00	4.67E+00	5.39E-01	1.13E-03	4.65E-13
Avg	8.30E+01	8.32E-01	8.31E-01	8.06E-01	7.58E-01	6.12E-01	3.32E-01	3.92E-02	8.74E-05	4.52E-14
Std	2.16E+02	1.41E+00	1.41E+00	1.37E+00	1.29E+00	1.04E+00	5.61E-01	6.52E-02	1.41E-04	6.51E-14
Ra-226										
Min	1.12E+01	1.38E-05	1.25E-08	1.26E-08	1.28E-08	1.34E-08	1.54E-08	2.50E-08	9.98E-08	1.38E-05
Max	1.00E+03	2.53E+01	2.47E+01	2.48E+01	2.48E+01	2.49E+01	2.52E+01	2.52E+01	2.45E+01	2.14E+01
Avg	6.53E+02	2.86E+00	1.55E+00	1.58E+00	1.63E+00	1.78E+00	2.07E+00	2.39E+00	2.49E+00	2.64E+00
Std	4.00E+02	3.30E+00	2.60E+00	2.61E+00	2.63E+00	2.70E+00	2.90E+00	3.16E+00	3.17E+00	3.00E+00
-ALL										
Min	0.00E+00	1.38E-05	1.25E-08	1.26E-08	1.28E-08	1.34E-08	1.54E-08	2.50E-08	9.98E-08	1.38E-05
Max	1.00E+03	2.56E+01	2.56E+01	2.56E+01	2.56E+01	2.56E+01	2.55E+01	2.53E+01	2.45E+01	2.14E+01
Avg	6.12E+02	2.89E+00	2.38E+00	2.38E+00	2.38E+00	2.39E+00	2.40E+00	2.43E+00	2.49E+00	2.64E+00
Std	4.53E+02	3.33E+00	3.21E+00	3.21E+00	3.21E+00	3.21E+00	3.21E+00	3.20E+00	3.17E+00	3.00E+00

-ALL is total dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

0 Probabilistic Risk Summary

0Nuclide RISK(j,t)

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	3.42E-20	3.33E-20	3.15E-20	2.59E-20	1.48E-20	2.08E-21	7.69E-24	0.00E+00
Max	1.70E-04	1.65E-04	1.55E-04	1.25E-04	6.73E-05	7.77E-06	1.63E-08	6.70E-18
Avg	1.20E-05	1.16E-05	1.09E-05	8.82E-06	4.79E-06	5.65E-07	1.26E-09	6.43E-19
Std	2.03E-05	1.97E-05	1.85E-05	1.49E-05	8.08E-06	9.39E-07	2.02E-09	9.19E-19
Ra-226								
Min	2.86E-13	2.88E-13	2.92E-13	3.06E-13	3.52E-13	5.70E-13	2.28E-12	3.15E-10
Max	2.87E-04	2.90E-04	2.90E-04	2.92E-04	2.96E-04	2.98E-04	2.89E-04	2.52E-04
Avg	1.79E-05	1.84E-05	1.91E-05	2.12E-05	2.54E-05	3.00E-05	3.14E-05	3.32E-05
Std	3.01E-05	3.05E-05	3.08E-05	3.19E-05	3.50E-05	3.92E-05	3.93E-05	3.70E-05
-ALL								
Min	2.86E-13	2.88E-13	2.92E-13	3.06E-13	3.52E-13	5.70E-13	2.28E-12	3.15E-10
Max	3.01E-04	3.02E-04	3.02E-04	3.02E-04	3.01E-04	2.98E-04	2.89E-04	2.52E-04
Avg	2.99E-05	3.00E-05	3.00E-05	3.01E-05	3.02E-05	3.06E-05	3.14E-05	3.32E-05
Std	3.97E-05	3.98E-05	3.99E-05	3.99E-05	3.99E-05	3.98E-05	3.93E-05	3.70E-05

-ALL is total risk summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Ground External
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	1.49E-15	1.45E-15	1.37E-15	1.13E-15	6.43E-16	9.05E-17	3.35E-19	1.11E-27
Max	1.49E-15	1.46E-15	1.40E-15	1.20E-15	7.73E-16	1.66E-16	2.07E-18	4.75E-25
Avg	1.49E-15	1.46E-15	1.40E-15	1.20E-15	7.70E-16	1.64E-16	2.00E-18	4.39E-25
Std	4.56E-19	1.34E-18	2.98E-18	7.55E-18	1.35E-17	8.33E-18	2.22E-19	0.00E+00
Ra-226								
Min	1.25E-08	1.26E-08	1.27E-08	1.31E-08	1.44E-08	2.01E-08	5.18E-08	1.42E-06
Max	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	1.63E-05
Avg	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.56E-08	1.07E-07	1.60E-05
Std	9.35E-13	2.82E-12	6.66E-12	2.09E-11	6.84E-11	3.46E-10	3.56E-09	1.08E-06
-ALL								
Min	1.25E-08	1.26E-08	1.27E-08	1.31E-08	1.44E-08	2.01E-08	5.18E-08	1.42E-06
Max	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	1.63E-05
Avg	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.56E-08	1.07E-07	1.60E-05
Std	9.35E-13	2.82E-12	6.66E-12	2.09E-11	6.84E-11	3.46E-10	3.56E-09	1.08E-06

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Inhalation (w/o Radon)

0Nuclide	DOSE(i,j,t), mrem/yr							
(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Radon (Water Ind.)
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Plant (Water Ind.)

0Nuclide		DOSE(i,j,t), mrem/yr							
(j)	t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.18E+01	1.14E+01	1.07E+01	8.65E+00	4.67E+00	5.39E-01	1.13E-03	4.64E-13
Avg		8.30E-01	8.05E-01	7.57E-01	6.11E-01	3.31E-01	3.89E-02	8.54E-05	4.15E-14
Std		1.41E+00	1.37E+00	1.28E+00	1.04E+00	5.60E-01	6.51E-02	1.39E-04	6.05E-14
Ra-226									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.47E+01	2.47E+01	2.48E+01	2.49E+01	2.51E+01	2.52E+01	2.44E+01	2.14E+01
Avg		1.55E+00	1.57E+00	1.62E+00	1.77E+00	2.06E+00	2.38E+00	2.49E+00	2.63E+00
Std		2.59E+00	2.60E+00	2.62E+00	2.69E+00	2.89E+00	3.16E+00	3.16E+00	2.99E+00
-ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.56E+01	2.56E+01	2.56E+01	2.56E+01	2.55E+01	2.52E+01	2.44E+01	2.14E+01
Avg		2.38E+00	2.38E+00	2.38E+00	2.38E+00	2.39E+00	2.42E+00	2.49E+00	2.63E+00
Std		3.20E+00	3.20E+00	3.20E+00	3.20E+00	3.20E+00	3.19E+00	3.16E+00	2.99E+00

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Meat (Water Ind.)
0Nuclide DOSE(i,j,t), mrem/yr

(j)	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	9.41E-03	9.13E-03	8.58E-03	6.92E-03	3.75E-03	4.38E-04	9.44E-07	4.62E-16
Avg	6.14E-04	5.95E-04	5.60E-04	4.52E-04	2.45E-04	2.89E-05	6.39E-08	3.14E-17
Std	1.20E-03	1.17E-03	1.10E-03	8.85E-04	4.79E-04	5.60E-05	1.22E-07	5.65E-17
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	3.45E-02	3.46E-02	3.48E-02	3.55E-02	3.70E-02	3.91E-02	4.13E-02	4.42E-02
Avg	1.57E-03	1.59E-03	1.63E-03	1.74E-03	1.96E-03	2.20E-03	2.29E-03	2.42E-03
Std	3.83E-03	3.84E-03	3.85E-03	3.89E-03	4.00E-03	4.15E-03	4.16E-03	4.07E-03
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	3.79E-02	3.79E-02	3.79E-02	3.80E-02	3.83E-02	3.92E-02	4.13E-02	4.42E-02
Avg	2.19E-03	2.19E-03	2.19E-03	2.19E-03	2.20E-03	2.23E-03	2.29E-03	2.42E-03
Std	4.18E-03	4.18E-03	4.18E-03	4.18E-03	4.18E-03	4.17E-03	4.16E-03	4.07E-03

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Milk (Water Ind.)
0Nuclide DOSE(i,j,t), mrem/yr

(j)	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.74E-02	1.68E-02	1.58E-02	1.28E-02	6.91E-03	8.04E-04	1.72E-06	8.19E-16
Avg	6.85E-04	6.64E-04	6.25E-04	5.04E-04	2.73E-04	3.21E-05	7.07E-08	3.49E-17
Std	1.62E-03	1.57E-03	1.48E-03	1.19E-03	6.45E-04	7.55E-05	1.64E-07	7.60E-17
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	3.96E-02	3.97E-02	3.96E-02	3.96E-02	3.95E-02	3.90E-02	4.38E-02	5.33E-02
Avg	3.37E-03	3.39E-03	3.43E-03	3.56E-03	3.81E-03	4.11E-03	4.28E-03	4.60E-03
Std	5.80E-03	5.82E-03	5.84E-03	5.92E-03	6.10E-03	6.35E-03	6.42E-03	6.43E-03
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	3.98E-02	3.98E-02	3.97E-02	3.97E-02	3.95E-02	3.90E-02	4.38E-02	5.33E-02
Avg	4.05E-03	4.06E-03	4.06E-03	4.06E-03	4.08E-03	4.14E-03	4.28E-03	4.60E-03
Std	6.35E-03	6.35E-03	6.36E-03	6.36E-03	6.37E-03	6.38E-03	6.42E-03	6.43E-03

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

0 Probabilistic Dose vs Pathway(i): Soil Ingestion

0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Water Ingestion
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.68E-03	3.99E-02	2.38E-04	2.15E-13
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.89E-05	1.60E-04	1.24E-06	2.69E-15
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.27E-04	2.34E-03	1.46E-05	1.89E-14
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-04	1.10E-01	1.53E-01	1.22E-01
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-07	3.99E-04	6.22E-04	6.98E-04
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.82E-06	6.34E-03	8.93E-03	7.33E-03
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.78E-03	1.50E-01	1.54E-01	1.22E-01
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.93E-05	5.60E-04	6.24E-04	6.98E-04
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.33E-04	8.67E-03	8.94E-03	7.33E-03

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

0 Probabilistic Dose vs Pathway(i): Fish Ingestion

0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.06E-03	1.47E-02	8.77E-05	5.66E-14
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.85E-06	5.61E-05	5.25E-07	8.18E-16
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.18E-04	8.51E-04	5.62E-06	5.18E-15
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.61E-05	4.03E-02	5.64E-02	4.48E-02
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.20E-07	1.43E-04	2.36E-04	3.35E-04
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.08E-06	2.33E-03	3.28E-03	3.12E-03
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.09E-03	5.50E-02	5.65E-02	4.48E-02
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.97E-06	1.99E-04	2.36E-04	3.35E-04
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.21E-04	3.18E-03	3.29E-03	3.12E-03

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Radon (Water Dep.)
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Plant (Water Dep.)
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.67E-04	3.33E-03	1.99E-05	1.28E-14
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.56E-06	1.22E-05	8.35E-08	1.35E-16
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.69E-05	1.93E-04	1.16E-06	1.01E-15
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	8.21E-06	9.15E-03	1.28E-02	1.02E-02
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-08	3.18E-05	4.71E-05	4.82E-05
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.73E-07	5.28E-04	7.40E-04	5.96E-04
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.75E-04	1.25E-02	1.28E-02	1.02E-02
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.58E-06	4.40E-05	4.72E-05	4.82E-05
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-05	7.20E-04	7.41E-04	5.96E-04

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Meat (Water Dep.)
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.61E-06	5.11E-05	3.06E-07	1.97E-16
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.20E-08	1.97E-07	1.39E-09	1.94E-18
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.81E-07	2.97E-06	1.82E-08	1.55E-17
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.09E-07	1.40E-04	1.96E-04	1.56E-04
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.62E-10	4.99E-07	7.45E-07	6.68E-07
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.26E-09	8.09E-06	1.14E-05	9.06E-06
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.72E-06	1.91E-04	1.97E-04	1.56E-04
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.24E-08	6.96E-07	7.47E-07	6.68E-07
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.87E-07	1.11E-05	1.14E-05	9.06E-06

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
0 Probabilistic Dose vs Pathway(i): Milk (Water Dep.)
0Nuclide DOSE(i,j,t), mrem/yr

(j) t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
Pb-210								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.76E-06	4.11E-05	3.41E-07	4.94E-16
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-08	2.59E-07	2.18E-09	4.98E-18
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.32E-07	3.14E-06	2.44E-08	3.87E-17
Ra-226								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.01E-07	1.13E-04	1.58E-04	1.26E-04
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.37E-10	5.27E-07	8.89E-07	1.08E-06
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.83E-09	7.01E-06	1.07E-05	9.21E-06
-ALL								
Min	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.86E-06	1.54E-04	1.59E-04	1.26E-04
Avg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.95E-08	7.86E-07	8.91E-07	1.08E-06
Std	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.38E-07	1.00E-05	1.07E-05	9.21E-06

-ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD
Cumulative Probability Summary for: Total Dose Over Pathways

Cumulative Probability	Dose(t), mrem/yr							
t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
0.025	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.55E-08	1.06E-07	1.57E-05
0.050	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.56E-08	1.07E-07	1.61E-05
0.075	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.56E-08	1.07E-07	1.62E-05
0.100	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.56E-08	1.07E-07	1.63E-05
0.125	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	1.63E-05
0.150	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	1.63E-05
0.175	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	1.32E-01
0.200	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	4.18E-01
0.225	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	5.03E-01
0.250	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	1.08E-07	6.69E-01
0.275	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	7.62E-07	8.27E-01
0.300	1.25E-08	1.26E-08	1.28E-08	1.35E-08	1.55E-08	2.57E-08	2.87E-01	9.82E-01
0.325	1.25E-08	1.26E-08	1.28E-08	8.03E-04	5.12E-02	2.19E-01	6.31E-01	1.05E+00
0.350	3.71E-01	3.72E-01	3.73E-01	3.75E-01	3.82E-01	4.85E-01	7.79E-01	1.18E+00
0.375	5.30E-01	5.30E-01	5.40E-01	5.91E-01	6.41E-01	7.47E-01	9.21E-01	1.32E+00
0.400	7.77E-01	7.78E-01	7.82E-01	8.08E-01	8.44E-01	9.20E-01	9.96E-01	1.42E+00
0.425	9.28E-01	9.28E-01	9.28E-01	9.35E-01	9.65E-01	1.07E+00	1.15E+00	1.50E+00
0.450	1.12E+00	1.12E+00	1.13E+00	1.16E+00	1.19E+00	1.19E+00	1.32E+00	1.66E+00
0.475	1.32E+00	1.32E+00	1.32E+00	1.33E+00	1.34E+00	1.45E+00	1.59E+00	1.78E+00
0.500	1.55E+00	1.55E+00	1.55E+00	1.55E+00	1.56E+00	1.60E+00	1.68E+00	1.86E+00
0.525	1.68E+00	1.67E+00	1.67E+00	1.66E+00	1.68E+00	1.73E+00	1.85E+00	1.99E+00
0.550	1.78E+00	1.78E+00	1.79E+00	1.81E+00	1.82E+00	1.89E+00	1.99E+00	2.06E+00
0.575	2.03E+00	2.03E+00	2.03E+00	2.03E+00	2.05E+00	2.04E+00	2.18E+00	2.23E+00
0.600	2.13E+00	2.13E+00	2.13E+00	2.14E+00	2.14E+00	2.16E+00	2.29E+00	2.35E+00
0.625	2.24E+00	2.25E+00	2.25E+00	2.25E+00	2.26E+00	2.29E+00	2.38E+00	2.45E+00
0.650	2.34E+00	2.34E+00	2.34E+00	2.35E+00	2.36E+00	2.39E+00	2.56E+00	2.69E+00
0.675	2.63E+00	2.64E+00	2.64E+00	2.65E+00	2.66E+00	2.71E+00	2.68E+00	2.93E+00
0.700	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.87E+00	2.89E+00	2.90E+00	3.14E+00
0.725	3.11E+00	3.12E+00	3.13E+00	3.16E+00	3.17E+00	3.21E+00	3.19E+00	3.36E+00
0.750	3.36E+00	3.37E+00	3.38E+00	3.39E+00	3.41E+00	3.49E+00	3.55E+00	3.55E+00
0.775	3.93E+00	3.93E+00	3.93E+00	3.93E+00	3.92E+00	3.87E+00	3.97E+00	3.81E+00
0.800	4.27E+00	4.27E+00	4.27E+00	4.27E+00	4.27E+00	4.36E+00	4.26E+00	4.14E+00
0.825	4.54E+00	4.55E+00	4.55E+00	4.56E+00	4.57E+00	4.54E+00	4.51E+00	4.50E+00
0.850	4.69E+00	4.69E+00	4.69E+00	4.69E+00	4.69E+00	4.67E+00	4.78E+00	4.85E+00
0.875	4.94E+00	4.95E+00	4.95E+00	4.95E+00	5.11E+00	4.98E+00	5.03E+00	5.52E+00
0.900	5.98E+00	5.99E+00	5.99E+00	6.01E+00	6.05E+00	6.13E+00	6.18E+00	5.97E+00
0.925	6.61E+00	6.61E+00	6.61E+00	6.60E+00	6.59E+00	6.59E+00	6.79E+00	6.91E+00
0.950	8.32E+00	8.33E+00	8.33E+00	8.34E+00	8.35E+00	8.30E+00	8.13E+00	7.69E+00
0.975	1.21E+01	1.21E+01	1.21E+01	1.21E+01	1.21E+01	1.20E+01	1.15E+01	1.06E+01
1.000	2.56E+01	2.56E+01	2.56E+01	2.56E+01	2.55E+01	2.53E+01	2.45E+01	2.14E+01

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Summary of dose at graphical times, reptition 1

Dose statistics at graphical times, mrem/yr

Time Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	1.25E-08	1.53E+01	2.21E+00	1.71E+00	4.85E+00	7.28E+00	1.15E+01	1.53E+01
1.00E+00	1.26E-08	1.53E+01	2.22E+00	1.71E+00	4.85E+00	7.28E+00	1.15E+01	1.53E+01
3.00E+00	1.28E-08	1.53E+01	2.22E+00	1.72E+00	4.85E+00	7.28E+00	1.15E+01	1.53E+01
8.26E+00	1.33E-08	1.53E+01	2.22E+00	1.72E+00	4.86E+00	7.29E+00	1.15E+01	1.53E+01
1.00E+01	1.34E-08	1.53E+01	2.22E+00	1.73E+00	4.88E+00	7.29E+00	1.15E+01	1.53E+01
1.65E+01	1.41E-08	1.53E+01	2.23E+00	1.73E+00	4.96E+00	7.29E+00	1.15E+01	1.53E+01
2.48E+01	1.49E-08	1.53E+01	2.23E+00	1.72E+00	5.05E+00	7.29E+00	1.15E+01	1.53E+01
3.00E+01	1.55E-08	1.52E+01	2.24E+00	1.72E+00	5.08E+00	7.29E+00	1.15E+01	1.52E+01
3.31E+01	1.58E-08	1.52E+01	2.24E+00	1.72E+00	5.08E+00	7.29E+00	1.15E+01	1.52E+01
4.13E+01	1.68E-08	1.52E+01	2.24E+00	1.72E+00	5.09E+00	7.29E+00	1.15E+01	1.52E+01
4.96E+01	1.78E-08	1.52E+01	2.25E+00	1.72E+00	5.09E+00	7.28E+00	1.15E+01	1.52E+01
5.79E+01	1.89E-08	1.52E+01	2.25E+00	1.72E+00	5.09E+00	7.28E+00	1.15E+01	1.52E+01
6.61E+01	2.00E-08	1.51E+01	2.26E+00	1.73E+00	5.09E+00	7.27E+00	1.15E+01	1.51E+01
7.44E+01	2.12E-08	1.51E+01	2.26E+00	1.73E+00	5.09E+00	7.27E+00	1.15E+01	1.51E+01
8.26E+01	2.25E-08	1.51E+01	2.27E+00	1.75E+00	5.09E+00	7.26E+00	1.15E+01	1.51E+01
9.09E+01	2.38E-08	1.51E+01	2.27E+00	1.78E+00	5.09E+00	7.25E+00	1.14E+01	1.51E+01
9.92E+01	2.53E-08	1.50E+01	2.27E+00	1.81E+00	5.09E+00	7.24E+00	1.14E+01	1.50E+01
1.00E+02	2.54E-08	1.50E+01	2.27E+00	1.82E+00	5.09E+00	7.24E+00	1.14E+01	1.50E+01
1.07E+02	2.68E-08	1.50E+01	2.28E+00	1.82E+00	5.09E+00	7.24E+00	1.14E+01	1.50E+01
1.16E+02	2.84E-08	1.50E+01	2.28E+00	1.83E+00	5.09E+00	7.23E+00	1.14E+01	1.50E+01
1.24E+02	3.01E-08	1.50E+01	2.29E+00	1.84E+00	5.09E+00	7.22E+00	1.14E+01	1.50E+01
1.32E+02	3.19E-08	1.49E+01	2.29E+00	1.84E+00	5.09E+00	7.21E+00	1.14E+01	1.49E+01
1.40E+02	3.38E-08	1.49E+01	2.29E+00	1.85E+00	5.09E+00	7.21E+00	1.14E+01	1.49E+01
1.49E+02	3.59E-08	1.49E+01	2.30E+00	1.85E+00	5.09E+00	7.20E+00	1.14E+01	1.49E+01
1.57E+02	3.80E-08	1.49E+01	2.30E+00	1.86E+00	5.09E+00	7.20E+00	1.14E+01	1.49E+01
1.65E+02	4.03E-08	1.48E+01	2.31E+00	1.86E+00	5.09E+00	7.19E+00	1.14E+01	1.48E+01
1.74E+02	4.27E-08	1.48E+01	2.31E+00	1.87E+00	5.08E+00	7.19E+00	1.14E+01	1.48E+01
1.82E+02	4.53E-08	1.48E+01	2.31E+00	1.87E+00	5.09E+00	7.19E+00	1.13E+01	1.48E+01
1.90E+02	4.80E-08	1.48E+01	2.32E+00	1.87E+00	5.10E+00	7.18E+00	1.13E+01	1.48E+01
1.98E+02	5.09E-08	1.48E+01	2.32E+00	1.88E+00	5.11E+00	7.18E+00	1.13E+01	1.47E+01
2.07E+02	5.40E-08	1.47E+01	2.32E+00	1.90E+00	5.12E+00	7.17E+00	1.13E+01	1.47E+01
2.15E+02	5.72E-08	1.47E+01	2.33E+00	1.90E+00	5.12E+00	7.21E+00	1.13E+01	1.47E+01
2.23E+02	6.07E-08	1.47E+01	2.33E+00	1.90E+00	5.13E+00	7.29E+00	1.13E+01	1.47E+01
2.31E+02	6.43E-08	1.47E+01	2.33E+00	1.90E+00	5.14E+00	7.37E+00	1.13E+01	1.47E+01
2.40E+02	6.82E-08	1.46E+01	2.34E+00	1.90E+00	5.15E+00	7.45E+00	1.13E+01	1.46E+01
2.48E+02	7.23E-08	1.46E+01	2.34E+00	1.91E+00	5.16E+00	7.52E+00	1.13E+01	1.46E+01
2.56E+02	7.66E-08	1.46E+01	2.35E+00	1.91E+00	5.17E+00	7.60E+00	1.13E+01	1.46E+01
2.64E+02	8.12E-08	1.46E+01	2.35E+00	1.91E+00	5.18E+00	7.67E+00	1.12E+01	1.46E+01
2.73E+02	8.61E-08	1.45E+01	2.35E+00	1.92E+00	5.19E+00	7.75E+00	1.12E+01	1.45E+01
2.81E+02	9.13E-08	1.45E+01	2.36E+00	1.92E+00	5.20E+00	7.82E+00	1.12E+01	1.45E+01
2.89E+02	9.68E-08	1.45E+01	2.36E+00	1.93E+00	5.20E+00	7.89E+00	1.12E+01	1.45E+01
2.98E+02	1.03E-07	1.45E+01	2.36E+00	1.93E+00	5.20E+00	7.97E+00	1.12E+01	1.45E+01
3.00E+02	1.04E-07	1.44E+01	2.36E+00	1.93E+00	5.20E+00	7.99E+00	1.12E+01	1.44E+01
3.06E+02	1.09E-07	1.44E+01	2.37E+00	1.93E+00	5.19E+00	8.04E+00	1.12E+01	1.44E+01
3.14E+02	1.15E-07	1.44E+01	2.37E+00	1.94E+00	5.18E+00	8.11E+00	1.12E+01	1.44E+01
3.22E+02	1.22E-07	1.44E+01	2.37E+00	1.94E+00	5.18E+00	8.18E+00	1.12E+01	1.44E+01
3.31E+02	1.30E-07	1.44E+01	2.38E+00	1.94E+00	5.17E+00	8.25E+00	1.12E+01	1.44E+01
3.39E+02	1.37E-07	1.43E+01	2.38E+00	1.95E+00	5.17E+00	8.28E+00	1.12E+01	1.43E+01
3.47E+02	1.46E-07	1.43E+01	2.38E+00	1.95E+00	5.17E+00	8.27E+00	1.12E+01	1.43E+01
3.55E+02	1.54E-07	1.43E+01	2.38E+00	1.95E+00	5.16E+00	8.26E+00	1.12E+01	1.43E+01
3.64E+02	1.66E-07	1.43E+01	2.39E+00	1.96E+00	5.19E+00	8.25E+00	1.13E+01	1.43E+01
3.72E+02	1.76E-07	1.42E+01	2.39E+00	1.96E+00	5.23E+00	8.24E+00	1.13E+01	1.42E+01
3.80E+02	1.87E-07	1.42E+01	2.39E+00	1.96E+00	5.26E+00	8.23E+00	1.13E+01	1.42E+01
3.88E+02	1.98E-07	1.42E+01	2.40E+00	1.97E+00	5.30E+00	8.22E+00	1.14E+01	1.42E+01
3.97E+02	2.10E-07	1.42E+01	2.40E+00	1.97E+00	5.31E+00	8.20E+00	1.14E+01	1.42E+01
4.05E+02	2.23E-07	1.41E+01	2.40E+00	1.97E+00	5.32E+00	8.19E+00	1.14E+01	1.41E+01
4.13E+02	2.36E-07	1.41E+01	2.41E+00	1.97E+00	5.33E+00	8.18E+00	1.14E+01	1.41E+01
4.21E+02	2.51E-07	1.41E+01	2.41E+00	1.97E+00	5.33E+00	8.17E+00	1.15E+01	1.41E+01
4.30E+02	2.66E-07	1.41E+01	2.41E+00	1.96E+00	5.34E+00	8.16E+00	1.15E+01	1.41E+01
4.38E+02	2.82E-07	1.41E+01	2.41E+00	1.96E+00	5.34E+00	8.15E+00	1.15E+01	1.41E+01
4.46E+02	2.99E-07	1.41E+01	2.42E+00	1.96E+00	5.35E+00	8.14E+00	1.15E+01	1.41E+01
4.55E+02	3.17E-07	1.41E+01	2.42E+00	1.96E+00	5.36E+00	8.13E+00	1.15E+01	1.41E+01
4.63E+02	3.36E-07	1.40E+01	2.42E+00	1.96E+00	5.36E+00	8.12E+00	1.16E+01	1.40E+01
4.71E+02	3.57E-07	1.40E+01	2.42E+00	1.96E+00	5.37E+00	8.11E+00	1.16E+01	1.40E+01
4.79E+02	3.78E-07	1.40E+01	2.43E+00	1.96E+00	5.37E+00	8.10E+00	1.16E+01	1.40E+01
4.88E+02	4.01E-07	1.40E+01	2.43E+00	1.96E+00	5.36E+00	8.09E+00	1.16E+01	1.40E+01
4.96E+02	4.25E-07	1.40E+01	2.43E+00	1.95E+00	5.35E+00	8.08E+00	1.16E+01	1.40E+01
5.04E+02	4.51E-07	1.40E+01	2.44E+00	1.95E+00	5.34E+00	8.06E+00	1.17E+01	1.40E+01
5.12E+02	4.78E-07	1.40E+01	2.44E+00	1.95E+00	5.33E+00	8.05E+00	1.17E+01	1.40E+01
5.21E+02	5.07E-07	1.39E+01	2.44E+00	1.95E+00	5.33E+00	8.04E+00	1.17E+01	1.39E+01
5.29E+02	5.38E-07	1.39E+01	2.44E+00	1.95E+00	5.32E+00	8.03E+00	1.17E+01	1.39E+01
5.37E+02	5.70E-07	1.39E+01	2.45E+00	1.95E+00	5.32E+00	8.02E+00	1.17E+01	1.39E+01
5.45E+02	6.05E-07	1.39E+01	2.45E+00	1.95E+00	5.31E+00	8.01E+00	1.18E+01	1.39E+01
5.54E+02	6.41E-07	1.39E+01	2.45E+00	1.94E+00	5.30E+00	8.00E+00	1.18E+01	1.39E+01
5.62E+02	6.80E-07	1.39E+01	2.45E+00	1.94E+00	5.30E+00	7.99E+00	1.18E+01	1.39E+01
5.70E+02	7.21E-07	1.39E+01	2.46E+00	1.94E+00	5.29E+00	7.98E+00	1.18E+01	1.38E+01
5.79E+02	7.65E-07	1.38E+01	2.46E+00	1.94E+00	5.29E+00	7.96E+00	1.18E+01	1.38E+01
5.87E+02	8.11E-07	1.38E+01	2.46E+00	1.94E+00	5.28E+00	7.95E+00	1.18E+01	1.38E+01
5.95E+02	8.60E-07	1.38E+01	2.46E+00	1.94E+00	5.28E+00	7.94E+00	1.18E+01	1.38E+01
6.03E+02	9.13E-07	1.38E+01	2.47E+00	1.93E+00	5.27E+00	7.93E+00	1.19E+01	1.38E+01
6.12E+02	9.68E-07	1.38E+01	2.47E+00	1.93E+00	5.27E+00	7.92E+00	1.19E+01	1.38E+01
6.20E+02	1.03E-06	1.38E+01	2.47E+00	1.93E+00	5.26E+00	7.91E+00	1.19E+01	1.38E+01
6.28E+02	1.09E-06	1.37E+01	2.47E+00	1.93E+00	5.25E+00	7.90E+00	1.19E+01	1.37E+01
6.36E+02	1.15E-06	1.37E+01	2.48E+00	1.93E+00	5.26E+00	7.89E+00	1.19E+01	1.37E+01
6.45E+02	1.22E-06	1.37E+01	2.48E+00	1.93E+00	5.27E+00	7.87E+00	1.19E+01	1.37E+01
6.53E+02	1.30E-06	1.37E+01	2.48E+00	1.93E+00	5.29E+00	7.86E+00	1.20E+01	1.37E+01
6.61E+02	1.38E-06	1.37E+01	2.48E+00	1.92E+00	5.30E+00	7.85E+00	1.20E+01	1.37E+01
6.69E+02	1.46E-06	1.37E+01	2.49E+00	1.92E+00	5.32E+00	7.84E+00	1.20E+01	1.37E+01
6.78E+02	1.55E-06	1.36E+01	2.49E+00	1.92E+00	5.33E+00	7.83E+00	1.20E+01	1.36E+01
6.86E+02	1.64E-06	1.36E+01	2.49E+00	1.92E+00	5.34E+00	7.82E+00	1.20E+01	1.36E+01
6.94E+02	1.74E-06	1.36E+01	2.49E+00	1.93E+00	5.36E+00	7.81E+00	1.20E+01	1.36E+01
7.02E+02	1.85E-06	1.36E+01	2.50E+00	1.94E+00	5.38E+00	7.80E+00	1.20E+01	1.36E+01
7.11E+02	1.96E-06	1.36E+01	2.50E+00	1.94E+00	5.40E+00	7.78E+00	1.20E+01	1.36E+01
7.19E+02	2.08E-06	1.36E+01	2.50E+00	1.95E+00	5.41E+00	7.77E+00	1.20E+01	1.36E+01
7.27E+02	2.20E-06	1.35E+01	2.50E+00	1.96E+00	5.43E+00	7.76E+00	1.21E+01	1.35E+01
7.36E+02	2.34E-06	1.35E+01	2.50E+00	1.96E+00	5.44E+00	7.75E+00	1.21E+01	1.35E+01
7.44E+02	2.48E-06	1.35E+01	2.51E+00	1.97E+00	5.46E+00	7.74E+00	1.21E+01	1.35E+01
7.52E+02	2.63E-06	1.35E+01	2.51E+00	1.98E+00	5.48E+00	7.73E+00	1.21E+01	1.35E+01
7.60E+02	2.79E-06	1.35E+01	2.51E+00	1.98E+00	5.51E+00	7.72E+00	1.21E+01	1.35E+01
7.69E+02	2.95E-06	1.35E+01	2.51E+00	1.98E+00	5.54E+00	7.71E+00	1.21E+01	1.35E+01
7.77E+02	3.13E-06	1.34E+01	2.52E+00	1.98E+00	5.57E+00	7.70E+00	1.21E+01	1.34E+01
7.85E+02	3.32E-06	1.34E+01	2.52E+00	1.97E+00	5.57E+00	7.69E+00	1.21E+01	1.34E+01
7.93E+02	3.52E-06	1.34E+01	2.52E+00	1.97E+00	5.58E+00	7.68E+00	1.21E+01	1.34E+01
8.02E+02	3.74E-06	1.34E+01	2.52E+00	1.97E+00	5.58E+00	7.67E+00	1.21E+01	1.34E+01
8.10E+02	3.96E-06	1.34E+01	2.52E+00	1.96E+00	5.58E+00	7.66E+00	1.22E+01	1.34E+01
8.18E+02	4.20E-06	1.34E+01	2.53E+00	1.96E+00	5.59E+00	7.65E+00	1.22E+01	1.34E+01
8.26E+02	4.46E-06	1.33E+01	2.53E+00	1.97E+00	5.60E+00	7.64E+00	1.22E+01	1.33E+01
8.35E+02	4.73E-06	1.33E+01	2.53E+00	1.97E+00	5.61E+00	7.63E+00	1.22E+01	1.33E+01
8.43E+02	5.01E-06	1.33E+01	2.53E+00	1.98E+00	5.62E+00	7.62E+00	1.22E+01	1.33E+01
8.51E+02	5.32E-06	1.33E+01	2.53E+00	1.99E+00	5.63E+00	7.61E+00	1.22E+01	1.33E+01
8.60E+02	5.64E-06	1.33E+01	2.53E+00	1.99E+00	5.64E+00	7.60E+00	1.22E+01	1.33E+01
8.68E+02	5.98E-06	1.32E+01	2.54E+00	2.00E+00	5.65E+00	7.59E+00	1.22E+01	1.32E+01
8.76E+02	6.34E-06	1.32E+01	2.54E+00	2.00E+00	5.66E+00	7.58E+00	1.22E+01	1.32E+01
8.84E+02	6.73E-06	1.32E+01	2.54E+00	1.99E+00	5.67E+00	7.57E+00	1.22E+01	1.32E+01
8.93E+02	7.13E-06	1.32E+01	2.54E+00	1.99E+00	5.68E+00	7.56E+00	1.22E+01	1.32E+01
9.01E+02	7.56E-06	1.32E+01	2.54E+00	1.99E+00	5.69E+00	7.55E+00	1.22E+01	1.32E+01
9.09E+02	8.02E-06	1.32E+01	2.54E+00	1.98E+00	5.70E+00	7.54E+00	1.22E+01	1.32E+01
9.17E+02	8.51E-06	1.31E+01	2.55E+00	1.98E+00	5.71E+00	7.53E+00	1.22E+01	1.31E+01
9.26E+02	9.02E-06	1.31E+01	2.55E+00	1.98E+00	5.72E+00	7.52E+00	1.22E+01	1.31E+01
9.34E+02	9.57E-06	1.31E+01	2.55E+00	1.98E+00	5.73E+00	7.51E+00	1.23E+01	1.31E+01
9.42E+02	1.01E-05	1.31E+01	2.55E+00	1.97E+00	5.74E+00	7.50E+00	1.23E+01	1.31E+01
9.50E+02	1.08E-05	1.31E+01	2.55E+00	1.97E+00	5.73E+00	7.49E+00	1.23E+01	1.31E+01
9.59E+02	1.14E-05	1.30E+01	2.56E+00	1.97E+00	5.72E+00	7.48E+00	1.23E+01	1.30E+01
9.67E+02	1.21E-05	1.30E+01	2.56E+00	1.96E+00	5.72E+00	7.47E+00	1.23E+01	1.30E+01
9.75E+02	1.28E-05	1.30E+01	2.56E+00	1.96E+00	5.71E+00	7.46E+00	1.23E+01	1.30E+01
9.83E+02	1.36E-05	1.30E+01	2.56E+00	1.96E+00	5.70E+00	7.45E+00	1.23E+01	1.30E+01
9.92E+02	1.44E-05	1.30E+01	2.56E+00	1.95E+00	5.70E+00	7.44E+00	1.23E+01	1.30E+01
1.00E+03	1.53E-05	1.30E+01	2.56E+00	1.95E+00	5.69E+00	7.43E+00	1.23E+01	1.29E+01

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Summary of dose at graphical times, reptition 2

Dose statistics at graphical times, mrem/yr

Time Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	1.25E-08	2.56E+01	2.57E+00	1.52E+00	6.58E+00	1.08E+01	1.38E+01	2.55E+01
1.00E+00	1.26E-08	2.56E+01	2.57E+00	1.52E+00	6.58E+00	1.08E+01	1.38E+01	2.55E+01
3.00E+00	1.28E-08	2.56E+01	2.57E+00	1.52E+00	6.58E+00	1.08E+01	1.38E+01	2.55E+01
8.26E+00	1.33E-08	2.56E+01	2.57E+00	1.53E+00	6.58E+00	1.08E+01	1.39E+01	2.55E+01
1.00E+01	1.34E-08	2.56E+01	2.57E+00	1.53E+00	6.57E+00	1.08E+01	1.39E+01	2.55E+01
1.65E+01	1.41E-08	2.56E+01	2.57E+00	1.53E+00	6.57E+00	1.08E+01	1.39E+01	2.55E+01
2.48E+01	1.49E-08	2.56E+01	2.58E+00	1.54E+00	6.57E+00	1.08E+01	1.39E+01	2.54E+01
3.00E+01	1.55E-08	2.55E+01	2.58E+00	1.54E+00	6.56E+00	1.08E+01	1.39E+01	2.54E+01
3.31E+01	1.58E-08	2.55E+01	2.58E+00	1.54E+00	6.56E+00	1.08E+01	1.39E+01	2.54E+01
4.13E+01	1.67E-08	2.55E+01	2.58E+00	1.54E+00	6.56E+00	1.07E+01	1.39E+01	2.54E+01
4.96E+01	1.77E-08	2.55E+01	2.58E+00	1.55E+00	6.55E+00	1.07E+01	1.39E+01	2.54E+01
5.79E+01	1.88E-08	2.54E+01	2.59E+00	1.55E+00	6.55E+00	1.07E+01	1.40E+01	2.53E+01
6.61E+01	1.99E-08	2.54E+01	2.59E+00	1.55E+00	6.54E+00	1.07E+01	1.40E+01	2.53E+01
7.44E+01	2.11E-08	2.54E+01	2.59E+00	1.56E+00	6.53E+00	1.07E+01	1.40E+01	2.53E+01
8.26E+01	2.24E-08	2.53E+01	2.59E+00	1.56E+00	6.53E+00	1.07E+01	1.40E+01	2.52E+01
9.09E+01	2.37E-08	2.53E+01	2.59E+00	1.56E+00	6.52E+00	1.07E+01	1.40E+01	2.52E+01
9.92E+01	2.51E-08	2.53E+01	2.59E+00	1.57E+00	6.51E+00	1.07E+01	1.40E+01	2.52E+01
1.00E+02	2.52E-08	2.53E+01	2.59E+00	1.57E+00	6.51E+00	1.07E+01	1.40E+01	2.52E+01
1.07E+02	2.66E-08	2.52E+01	2.60E+00	1.57E+00	6.51E+00	1.07E+01	1.40E+01	2.51E+01
1.16E+02	2.82E-08	2.52E+01	2.60E+00	1.57E+00	6.50E+00	1.07E+01	1.40E+01	2.51E+01
1.24E+02	2.99E-08	2.52E+01	2.60E+00	1.58E+00	6.49E+00	1.06E+01	1.41E+01	2.51E+01
1.32E+02	3.16E-08	2.51E+01	2.60E+00	1.58E+00	6.49E+00	1.06E+01	1.41E+01	2.50E+01
1.40E+02	3.35E-08	2.51E+01	2.60E+00	1.58E+00	6.48E+00	1.06E+01	1.41E+01	2.50E+01
1.49E+02	3.55E-08	2.51E+01	2.60E+00	1.59E+00	6.47E+00	1.06E+01	1.41E+01	2.50E+01
1.57E+02	3.76E-08	2.50E+01	2.60E+00	1.59E+00	6.47E+00	1.06E+01	1.41E+01	2.49E+01
1.65E+02	3.99E-08	2.50E+01	2.60E+00	1.62E+00	6.46E+00	1.06E+01	1.41E+01	2.49E+01
1.74E+02	4.23E-08	2.50E+01	2.61E+00	1.63E+00	6.45E+00	1.06E+01	1.41E+01	2.49E+01
1.82E+02	4.48E-08	2.49E+01	2.61E+00	1.63E+00	6.45E+00	1.06E+01	1.41E+01	2.49E+01
1.90E+02	4.74E-08	2.49E+01	2.61E+00	1.63E+00	6.44E+00	1.05E+01	1.41E+01	2.48E+01
1.98E+02	5.03E-08	2.49E+01	2.61E+00	1.63E+00	6.43E+00	1.05E+01	1.41E+01	2.48E+01
2.07E+02	5.33E-08	2.48E+01	2.61E+00	1.63E+00	6.43E+00	1.05E+01	1.41E+01	2.48E+01
2.15E+02	5.64E-08	2.48E+01	2.61E+00	1.63E+00	6.42E+00	1.05E+01	1.41E+01	2.47E+01
2.23E+02	5.98E-08	2.48E+01	2.61E+00	1.64E+00	6.42E+00	1.05E+01	1.42E+01	2.47E+01
2.31E+02	6.34E-08	2.47E+01	2.61E+00	1.64E+00	6.41E+00	1.05E+01	1.42E+01	2.47E+01
2.40E+02	6.71E-08	2.47E+01	2.61E+00	1.64E+00	6.40E+00	1.05E+01	1.42E+01	2.46E+01
2.48E+02	7.12E-08	2.47E+01	2.62E+00	1.65E+00	6.40E+00	1.05E+01	1.42E+01	2.46E+01
2.56E+02	7.54E-08	2.46E+01	2.62E+00	1.65E+00	6.39E+00	1.05E+01	1.42E+01	2.46E+01
2.64E+02	7.99E-08	2.46E+01	2.62E+00	1.66E+00	6.39E+00	1.04E+01	1.42E+01	2.45E+01
2.73E+02	8.46E-08	2.46E+01	2.62E+00	1.66E+00	6.38E+00	1.04E+01	1.42E+01	2.45E+01
2.81E+02	8.97E-08	2.45E+01	2.62E+00	1.67E+00	6.37E+00	1.04E+01	1.42E+01	2.45E+01
2.89E+02	9.50E-08	2.45E+01	2.62E+00	1.67E+00	6.37E+00	1.04E+01	1.42E+01	2.44E+01
2.98E+02	1.01E-07	2.45E+01	2.62E+00	1.67E+00	6.36E+00	1.04E+01	1.42E+01	2.44E+01
3.00E+02	1.02E-07	2.45E+01	2.62E+00	1.68E+00	6.36E+00	1.04E+01	1.42E+01	2.44E+01
3.06E+02	1.07E-07	2.44E+01	2.62E+00	1.68E+00	6.35E+00	1.04E+01	1.42E+01	2.44E+01
3.14E+02	1.13E-07	2.44E+01	2.62E+00	1.68E+00	6.35E+00	1.04E+01	1.42E+01	2.43E+01
3.22E+02	1.20E-07	2.44E+01	2.63E+00	1.69E+00	6.34E+00	1.04E+01	1.42E+01	2.43E+01
3.31E+02	1.27E-07	2.43E+01	2.63E+00	1.69E+00	6.34E+00	1.03E+01	1.42E+01	2.43E+01
3.39E+02	1.35E-07	2.43E+01	2.63E+00	1.70E+00	6.35E+00	1.03E+01	1.42E+01	2.42E+01
3.47E+02	1.43E-07	2.43E+01	2.63E+00	1.70E+00	6.35E+00	1.03E+01	1.42E+01	2.42E+01
3.55E+02	1.51E-07	2.42E+01	2.63E+00	1.70E+00	6.35E+00	1.03E+01	1.42E+01	2.42E+01
3.64E+02	1.60E-07	2.42E+01	2.63E+00	1.71E+00	6.36E+00	1.03E+01	1.42E+01	2.41E+01
3.72E+02	1.70E-07	2.42E+01	2.63E+00	1.71E+00	6.36E+00	1.03E+01	1.42E+01	2.41E+01
3.80E+02	1.80E-07	2.41E+01	2.63E+00	1.71E+00	6.36E+00	1.03E+01	1.42E+01	2.41E+01
3.88E+02	1.90E-07	2.41E+01	2.63E+00	1.71E+00	6.37E+00	1.03E+01	1.42E+01	2.40E+01
3.97E+02	2.02E-07	2.41E+01	2.63E+00	1.71E+00	6.37E+00	1.02E+01	1.42E+01	2.40E+01
4.05E+02	2.14E-07	2.40E+01	2.63E+00	1.71E+00	6.37E+00	1.02E+01	1.43E+01	2.39E+01
4.13E+02	2.26E-07	2.40E+01	2.64E+00	1.71E+00	6.37E+00	1.02E+01	1.43E+01	2.39E+01
4.21E+02	2.40E-07	2.40E+01	2.64E+00	1.71E+00	6.38E+00	1.02E+01	1.43E+01	2.39E+01
4.30E+02	2.54E-07	2.39E+01	2.64E+00	1.71E+00	6.38E+00	1.02E+01	1.43E+01	2.38E+01
4.38E+02	2.69E-07	2.39E+01	2.64E+00	1.71E+00	6.38E+00	1.02E+01	1.43E+01	2.38E+01
4.46E+02	2.85E-07	2.38E+01	2.64E+00	1.71E+00	6.38E+00	1.02E+01	1.43E+01	2.38E+01
4.55E+02	3.02E-07	2.38E+01	2.64E+00	1.71E+00	6.39E+00	1.02E+01	1.43E+01	2.37E+01
4.63E+02	3.21E-07	2.38E+01	2.64E+00	1.71E+00	6.39E+00	1.01E+01	1.43E+01	2.37E+01
4.71E+02	3.40E-07	2.37E+01	2.64E+00	1.70E+00	6.39E+00	1.01E+01	1.43E+01	2.37E+01
4.79E+02	3.60E-07	2.37E+01	2.64E+00	1.69E+00	6.39E+00	1.01E+01	1.43E+01	2.36E+01
4.88E+02	3.81E-07	2.37E+01	2.64E+00	1.69E+00	6.39E+00	1.01E+01	1.43E+01	2.36E+01
4.96E+02	4.04E-07	2.36E+01	2.64E+00	1.69E+00	6.40E+00	1.01E+01	1.43E+01	2.36E+01
5.04E+02	4.28E-07	2.36E+01	2.65E+00	1.70E+00	6.40E+00	1.01E+01	1.43E+01	2.35E+01
5.12E+02	4.54E-07	2.36E+01	2.65E+00	1.70E+00	6.40E+00	1.01E+01	1.43E+01	2.35E+01
5.21E+02	4.81E-07	2.35E+01	2.65E+00	1.70E+00	6.40E+00	1.00E+01	1.43E+01	2.35E+01
5.29E+02	5.09E-07	2.35E+01	2.65E+00	1.70E+00	6.40E+00	1.00E+01	1.43E+01	2.34E+01
5.37E+02	5.40E-07	2.35E+01	2.65E+00	1.70E+00	6.40E+00	1.00E+01	1.43E+01	2.34E+01
5.45E+02	5.72E-07	2.34E+01	2.65E+00	1.70E+00	6.40E+00	1.00E+01	1.43E+01	2.34E+01
5.54E+02	6.06E-07	2.34E+01	2.65E+00	1.70E+00	6.40E+00	9.99E+00	1.43E+01	2.33E+01
5.62E+02	6.42E-07	2.34E+01	2.65E+00	1.70E+00	6.41E+00	9.98E+00	1.43E+01	2.33E+01
5.70E+02	6.80E-07	2.33E+01	2.65E+00	1.69E+00	6.41E+00	9.97E+00	1.43E+01	2.32E+01
5.79E+02	7.21E-07	2.33E+01	2.65E+00	1.69E+00	6.41E+00	9.95E+00	1.43E+01	2.32E+01
5.87E+02	7.64E-07	2.32E+01	2.65E+00	1.69E+00	6.41E+00	9.94E+00	1.43E+01	2.32E+01
5.95E+02	8.09E-07	2.32E+01	2.65E+00	1.69E+00	6.41E+00	9.93E+00	1.43E+01	2.31E+01
6.03E+02	8.58E-07	2.32E+01	2.65E+00	1.69E+00	6.41E+00	9.91E+00	1.43E+01	2.31E+01
6.12E+02	9.09E-07	2.31E+01	2.66E+00	1.69E+00	6.41E+00	9.90E+00	1.42E+01	2.31E+01
6.20E+02	9.63E-07	2.31E+01	2.66E+00	1.69E+00	6.41E+00	9.89E+00	1.42E+01	2.30E+01
6.28E+02	1.02E-06	2.31E+01	2.66E+00	1.69E+00	6.41E+00	9.87E+00	1.42E+01	2.30E+01
6.36E+02	1.08E-06	2.30E+01	2.66E+00	1.69E+00	6.41E+00	9.86E+00	1.42E+01	2.30E+01
6.45E+02	1.15E-06	2.30E+01	2.66E+00	1.68E+00	6.41E+00	9.85E+00	1.42E+01	2.29E+01
6.53E+02	1.21E-06	2.30E+01	2.66E+00	1.68E+00	6.41E+00	9.83E+00	1.42E+01	2.29E+01
6.61E+02	1.29E-06	2.29E+01	2.66E+00	1.68E+00	6.41E+00	9.82E+00	1.42E+01	2.29E+01
6.69E+02	1.36E-06	2.29E+01	2.66E+00	1.68E+00	6.41E+00	9.81E+00	1.42E+01	2.28E+01
6.78E+02	1.44E-06	2.28E+01	2.66E+00	1.68E+00	6.41E+00	9.79E+00	1.42E+01	2.28E+01
6.86E+02	1.53E-06	2.28E+01	2.66E+00	1.68E+00	6.41E+00	9.78E+00	1.42E+01	2.27E+01
6.94E+02	1.62E-06	2.28E+01	2.66E+00	1.68E+00	6.41E+00	9.77E+00	1.42E+01	2.27E+01
7.02E+02	1.72E-06	2.27E+01	2.66E+00	1.69E+00	6.41E+00	9.75E+00	1.42E+01	2.27E+01
7.11E+02	1.82E-06	2.27E+01	2.66E+00	1.69E+00	6.41E+00	9.74E+00	1.42E+01	2.26E+01
7.19E+02	1.93E-06	2.27E+01	2.66E+00	1.69E+00	6.41E+00	9.72E+00	1.42E+01	2.26E+01
7.27E+02	2.04E-06	2.26E+01	2.66E+00	1.69E+00	6.41E+00	9.71E+00	1.42E+01	2.26E+01
7.36E+02	2.27E-06	2.26E+01	2.66E+00	1.70E+00	6.41E+00	9.70E+00	1.42E+01	2.25E+01
7.44E+02	2.41E-06	2.25E+01	2.66E+00	1.70E+00	6.41E+00	9.68E+00	1.42E+01	2.25E+01
7.52E+02	2.56E-06	2.25E+01	2.66E+00	1.70E+00	6.41E+00	9.67E+00	1.42E+01	2.25E+01
7.60E+02	2.71E-06	2.25E+01	2.66E+00	1.70E+00	6.40E+00	9.66E+00	1.42E+01	2.24E+01
7.69E+02	2.87E-06	2.24E+01	2.66E+00	1.71E+00	6.40E+00	9.64E+00	1.42E+01	2.24E+01
7.77E+02	3.05E-06	2.24E+01	2.67E+00	1.70E+00	6.40E+00	9.63E+00	1.42E+01	2.23E+01
7.85E+02	3.23E-06	2.24E+01	2.67E+00	1.70E+00	6.40E+00	9.61E+00	1.42E+01	2.23E+01
7.93E+02	3.42E-06	2.23E+01	2.67E+00	1.70E+00	6.40E+00	9.60E+00	1.42E+01	2.23E+01
8.02E+02	3.63E-06	2.23E+01	2.67E+00	1.71E+00	6.40E+00	9.59E+00	1.42E+01	2.22E+01
8.10E+02	3.85E-06	2.23E+01	2.67E+00	1.72E+00	6.40E+00	9.57E+00	1.41E+01	2.22E+01
8.18E+02	4.08E-06	2.22E+01	2.67E+00	1.72E+00	6.40E+00	9.56E+00	1.41E+01	2.22E+01
8.26E+02	4.33E-06	2.22E+01	2.67E+00	1.73E+00	6.39E+00	9.54E+00	1.41E+01	2.21E+01
8.35E+02	4.59E-06	2.21E+01	2.67E+00	1.73E+00	6.39E+00	9.53E+00	1.41E+01	2.21E+01
8.43E+02	4.86E-06	2.21E+01	2.67E+00	1.73E+00	6.39E+00	9.51E+00	1.41E+01	2.21E+01
8.51E+02	5.15E-06	2.21E+01	2.67E+00	1.73E+00	6.39E+00	9.50E+00	1.41E+01	2.20E+01
8.60E+02	5.46E-06	2.20E+01	2.67E+00	1.73E+00	6.39E+00	9.49E+00	1.41E+01	2.20E+01
8.68E+02	5.79E-06	2.20E+01	2.67E+00	1.73E+00	6.38E+00	9.47E+00	1.41E+01	2.19E+01
8.76E+02	6.14E-06	2.20E+01	2.67E+00	1.73E+00	6.38E+00	9.46E+00	1.41E+01	2.19E+01
8.84E+02	6.51E-06	2.19E+01	2.67E+00	1.73E+00	6.38E+00	9.44E+00	1.41E+01	2.19E+01
8.93E+02	6.90E-06	2.19E+01	2.67E+00	1.73E+00	6.38E+00	9.43E+00	1.41E+01	2.18E+01
9.01E+02	7.32E-06	2.18E+01	2.67E+00	1.74E+00	6.38E+00	9.41E+00	1.41E+01	2.18E+01
9.09E+02	7.76E-06	2.18E+01	2.67E+00	1.73E+00	6.37E+00	9.40E+00	1.41E+01	2.18E+01
9.17E+02	8.23E-06	2.18E+01	2.67E+00	1.73E+00	6.37E+00	9.39E+00	1.41E+01	2.17E+01
9.26E+02	8.72E-06	2.17E+01	2.67E+00	1.73E+00	6.37E+00	9.37E+00	1.40E+01	2.17E+01
9.34E+02	9.25E-06	2.17E+01	2.67E+00	1.74E+00	6.37E+00	9.36E+00	1.40E+01	2.16E+01
9.42E+02	9.80E-06	2.17E+01	2.67E+00	1.75E+00	6.36E+00	9.34E+00	1.40E+01	2.16E+01
9.50E+02	1.04E-05	2.16E+01	2.67E+00	1.76E+00	6.36E+00	9.33E+00	1.40E+01	2.16E+01
9.59E+02	1.10E-05	2.16E+01	2.67E+00	1.77E+00	6.36E+00	9.31E+00	1.40E+01	2.15E+01
9.67E+02	1.17E-05	2.15E+01	2.67E+00	1.78E+00	6.36E+00	9.30E+00	1.40E+01	2.15E+01
9.75E+02	1.24E-05	2.15E+01	2.67E+00	1.79E+00	6.35E+00	9.28E+00	1.40E+01	2.15E+01
9.83E+02	1.31E-05	2.15E+01	2.67E+00	1.79E+00	6.35E+00	9.27E+00	1.40E+01	2.14E+01
9.92E+02	1.39E-05	2.14E+01	2.68E+00	1.79E+00	6.35E+00	9.25E+00	1.40E+01	2.14E+01
1.00E+03	1.48E-05	2.14E+01	2.68E+00	1.79E+00	6.34E+00	9.24E+00	1.40E+01	2.14E+01

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Summary of dose at graphical times, reptition 3

Dose statistics at graphical times, mrem/yr

Time Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	1.25E-08	1.42E+01	2.37E+00	1.27E+00	6.43E+00	9.00E+00	1.23E+01	1.41E+01
1.00E+00	1.26E-08	1.42E+01	2.37E+00	1.27E+00	6.44E+00	9.00E+00	1.23E+01	1.42E+01
3.00E+00	1.28E-08	1.42E+01	2.37E+00	1.27E+00	6.44E+00	9.00E+00	1.23E+01	1.42E+01
8.26E+00	1.33E-08	1.43E+01	2.37E+00	1.28E+00	6.44E+00	9.01E+00	1.23E+01	1.42E+01
1.00E+01	1.34E-08	1.43E+01	2.37E+00	1.28E+00	6.44E+00	9.01E+00	1.23E+01	1.43E+01
1.65E+01	1.40E-08	1.44E+01	2.38E+00	1.28E+00	6.46E+00	9.02E+00	1.23E+01	1.43E+01
2.48E+01	1.49E-08	1.45E+01	2.38E+00	1.28E+00	6.47E+00	9.02E+00	1.23E+01	1.44E+01
3.00E+01	1.54E-08	1.45E+01	2.38E+00	1.29E+00	6.48E+00	9.03E+00	1.23E+01	1.45E+01
3.31E+01	1.57E-08	1.46E+01	2.39E+00	1.29E+00	6.48E+00	9.03E+00	1.23E+01	1.45E+01
4.13E+01	1.67E-08	1.47E+01	2.39E+00	1.29E+00	6.49E+00	9.03E+00	1.23E+01	1.46E+01
4.96E+01	1.77E-08	1.48E+01	2.39E+00	1.30E+00	6.48E+00	9.03E+00	1.23E+01	1.47E+01
5.79E+01	1.87E-08	1.48E+01	2.40E+00	1.30E+00	6.47E+00	9.03E+00	1.23E+01	1.48E+01
6.61E+01	1.98E-08	1.49E+01	2.40E+00	1.30E+00	6.47E+00	9.02E+00	1.23E+01	1.49E+01
7.44E+01	2.10E-08	1.50E+01	2.40E+00	1.31E+00	6.46E+00	9.02E+00	1.23E+01	1.50E+01
8.26E+01	2.22E-08	1.51E+01	2.41E+00	1.31E+00	6.45E+00	9.01E+00	1.23E+01	1.51E+01
9.09E+01	2.35E-08	1.52E+01	2.41E+00	1.32E+00	6.45E+00	9.01E+00	1.23E+01	1.52E+01
9.92E+01	2.49E-08	1.53E+01	2.41E+00	1.32E+00	6.45E+00	9.00E+00	1.23E+01	1.53E+01
1.00E+02	2.50E-08	1.53E+01	2.41E+00	1.32E+00	6.45E+00	9.00E+00	1.23E+01	1.53E+01
1.07E+02	2.63E-08	1.54E+01	2.42E+00	1.32E+00	6.45E+00	9.00E+00	1.22E+01	1.54E+01
1.16E+02	2.79E-08	1.55E+01	2.42E+00	1.33E+00	6.45E+00	8.99E+00	1.22E+01	1.55E+01
1.24E+02	2.95E-08	1.56E+01	2.42E+00	1.33E+00	6.45E+00	8.99E+00	1.22E+01	1.55E+01
1.32E+02	3.13E-08	1.57E+01	2.43E+00	1.33E+00	6.45E+00	8.98E+00	1.22E+01	1.56E+01
1.40E+02	3.31E-08	1.57E+01	2.43E+00	1.35E+00	6.44E+00	8.97E+00	1.22E+01	1.57E+01
1.49E+02	3.51E-08	1.58E+01	2.43E+00	1.36E+00	6.44E+00	8.97E+00	1.22E+01	1.58E+01
1.57E+02	3.71E-08	1.59E+01	2.44E+00	1.38E+00	6.44E+00	8.96E+00	1.22E+01	1.59E+01
1.65E+02	3.93E-08	1.60E+01	2.44E+00	1.40E+00	6.44E+00	8.95E+00	1.21E+01	1.60E+01
1.74E+02	4.16E-08	1.61E+01	2.44E+00	1.41E+00	6.44E+00	8.95E+00	1.21E+01	1.61E+01
1.82E+02	4.41E-08	1.62E+01	2.44E+00	1.43E+00	6.43E+00	8.94E+00	1.21E+01	1.61E+01
1.90E+02	4.67E-08	1.62E+01	2.45E+00	1.44E+00	6.43E+00	8.93E+00	1.21E+01	1.62E+01
1.98E+02	4.94E-08	1.63E+01	2.45E+00	1.46E+00	6.43E+00	8.93E+00	1.21E+01	1.63E+01
2.07E+02	5.23E-08	1.64E+01	2.45E+00	1.48E+00	6.43E+00	8.92E+00	1.21E+01	1.64E+01
2.15E+02	5.54E-08	1.65E+01	2.46E+00	1.49E+00	6.42E+00	8.91E+00	1.21E+01	1.64E+01
2.23E+02	5.86E-08	1.66E+01	2.46E+00	1.51E+00	6.42E+00	8.90E+00	1.21E+01	1.65E+01
2.31E+02	6.21E-08	1.66E+01	2.46E+00	1.51E+00	6.42E+00	8.90E+00	1.20E+01	1.66E+01
2.40E+02	6.57E-08	1.67E+01	2.47E+00	1.52E+00	6.42E+00	8.89E+00	1.20E+01	1.67E+01
2.48E+02	6.96E-08	1.68E+01	2.47E+00	1.52E+00	6.41E+00	8.88E+00	1.20E+01	1.68E+01
2.56E+02	7.37E-08	1.69E+01	2.47E+00	1.52E+00	6.41E+00	8.87E+00	1.20E+01	1.68E+01
2.64E+02	7.80E-08	1.69E+01	2.48E+00	1.52E+00	6.41E+00	8.87E+00	1.20E+01	1.69E+01
2.73E+02	8.26E-08	1.70E+01	2.48E+00	1.52E+00	6.40E+00	8.86E+00	1.20E+01	1.70E+01
2.81E+02	8.75E-08	1.71E+01	2.48E+00	1.52E+00	6.40E+00	8.85E+00	1.19E+01	1.70E+01
2.89E+02	9.26E-08	1.72E+01	2.49E+00	1.52E+00	6.40E+00	8.84E+00	1.19E+01	1.71E+01
2.98E+02	9.81E-08	1.72E+01	2.49E+00	1.53E+00	6.39E+00	8.83E+00	1.19E+01	1.72E+01
3.00E+02	9.98E-08	1.73E+01	2.49E+00	1.53E+00	6.39E+00	8.83E+00	1.19E+01	1.72E+01
3.06E+02	1.04E-07	1.73E+01	2.50E+00	1.53E+00	6.39E+00	8.83E+00	1.19E+01	1.73E+01
3.14E+02	1.10E-07	1.74E+01	2.50E+00	1.53E+00	6.39E+00	8.82E+00	1.19E+01	1.73E+01
3.22E+02	1.16E-07	1.74E+01	2.50E+00	1.53E+00	6.39E+00	8.81E+00	1.19E+01	1.74E+01
3.31E+02	1.23E-07	1.75E+01	2.51E+00	1.53E+00	6.38E+00	8.80E+00	1.19E+01	1.75E+01
3.39E+02	1.31E-07	1.76E+01	2.51E+00	1.53E+00	6.38E+00	8.79E+00	1.18E+01	1.75E+01
3.47E+02	1.38E-07	1.76E+01	2.51E+00	1.55E+00	6.38E+00	8.79E+00	1.18E+01	1.76E+01
3.55E+02	1.46E-07	1.77E+01	2.52E+00	1.56E+00	6.38E+00	8.78E+00	1.18E+01	1.77E+01
3.64E+02	1.55E-07	1.78E+01	2.52E+00	1.60E+00	6.37E+00	8.77E+00	1.18E+01	1.77E+01
3.72E+02	1.64E-07	1.78E+01	2.52E+00	1.64E+00	6.37E+00	8.76E+00	1.18E+01	1.78E+01
3.80E+02	1.74E-07	1.79E+01	2.52E+00	1.65E+00	6.37E+00	8.75E+00	1.18E+01	1.79E+01
3.88E+02	1.84E-07	1.80E+01	2.53E+00	1.67E+00	6.36E+00	8.74E+00	1.18E+01	1.79E+01
3.97E+02	1.95E-07	1.80E+01	2.53E+00	1.68E+00	6.36E+00	8.73E+00	1.17E+01	1.80E+01
4.05E+02	2.06E-07	1.81E+01	2.53E+00	1.69E+00	6.36E+00	8.73E+00	1.17E+01	1.80E+01
4.13E+02	2.18E-07	1.82E+01	2.54E+00	1.70E+00	6.35E+00	8.72E+00	1.17E+01	1.81E+01
4.21E+02	2.31E-07	1.82E+01	2.54E+00	1.70E+00	6.34E+00	8.71E+00	1.17E+01	1.82E+01
4.30E+02	2.45E-07	1.83E+01	2.54E+00	1.70E+00	6.33E+00	8.70E+00	1.17E+01	1.82E+01
4.38E+02	2.59E-07	1.83E+01	2.55E+00	1.70E+00	6.32E+00	8.69E+00	1.17E+01	1.83E+01
4.46E+02	2.74E-07	1.84E+01	2.55E+00	1.70E+00	6.31E+00	8.68E+00	1.16E+01	1.83E+01
4.55E+02	2.91E-07	1.85E+01	2.55E+00	1.70E+00	6.30E+00	8.67E+00	1.16E+01	1.84E+01
4.63E+02	3.08E-07	1.85E+01	2.55E+00	1.70E+00	6.29E+00	8.66E+00	1.16E+01	1.85E+01
4.71E+02	3.26E-07	1.86E+01	2.56E+00	1.70E+00	6.28E+00	8.65E+00	1.16E+01	1.85E+01
4.79E+02	3.45E-07	1.86E+01	2.56E+00	1.71E+00	6.27E+00	8.65E+00	1.16E+01	1.86E+01
4.88E+02	3.65E-07	1.87E+01	2.56E+00	1.73E+00	6.26E+00	8.64E+00	1.16E+01	1.86E+01
4.96E+02	3.87E-07	1.87E+01	2.56E+00	1.74E+00	6.25E+00	8.63E+00	1.16E+01	1.87E+01
5.04E+02	4.10E-07	1.88E+01	2.57E+00	1.76E+00	6.24E+00	8.62E+00	1.15E+01	1.87E+01
5.12E+02	4.34E-07	1.89E+01	2.57E+00	1.78E+00	6.24E+00	8.61E+00	1.15E+01	1.88E+01
5.21E+02	4.59E-07	1.89E+01	2.57E+00	1.78E+00	6.25E+00	8.60E+00	1.15E+01	1.88E+01
5.29E+02	4.86E-07	1.90E+01	2.57E+00	1.78E+00	6.28E+00	8.59E+00	1.15E+01	1.89E+01
5.37E+02	5.15E-07	1.90E+01	2.58E+00	1.78E+00	6.30E+00	8.58E+00	1.15E+01	1.89E+01
5.45E+02	5.72E-07	1.91E+01	2.58E+00	1.77E+00	6.29E+00	8.57E+00	1.15E+01	1.90E+01
5.54E+02	6.06E-07	1.91E+01	2.58E+00	1.77E+00	6.29E+00	8.56E+00	1.14E+01	1.90E+01
5.62E+02	6.43E-07	1.92E+01	2.58E+00	1.78E+00	6.28E+00	8.55E+00	1.14E+01	1.91E+01
5.70E+02	6.81E-07	1.92E+01	2.59E+00	1.78E+00	6.28E+00	8.54E+00	1.14E+01	1.91E+01
5.79E+02	7.21E-07	1.93E+01	2.59E+00	1.79E+00	6.27E+00	8.53E+00	1.14E+01	1.92E+01
5.87E+02	7.64E-07	1.93E+01	2.59E+00	1.79E+00	6.27E+00	8.52E+00	1.14E+01	1.92E+01
5.95E+02	8.10E-07	1.94E+01	2.59E+00	1.79E+00	6.27E+00	8.51E+00	1.14E+01	1.93E+01
6.03E+02	8.58E-07	1.94E+01	2.60E+00	1.80E+00	6.26E+00	8.50E+00	1.13E+01	1.93E+01
6.12E+02	9.09E-07	1.94E+01	2.60E+00	1.80E+00	6.26E+00	8.49E+00	1.13E+01	1.94E+01
6.20E+02	9.64E-07	1.95E+01	2.60E+00	1.81E+00	6.25E+00	8.48E+00	1.13E+01	1.94E+01
6.28E+02	1.02E-06	1.95E+01	2.60E+00	1.81E+00	6.25E+00	8.47E+00	1.13E+01	1.95E+01
6.36E+02	1.08E-06	1.96E+01	2.61E+00	1.81E+00	6.24E+00	8.46E+00	1.13E+01	1.95E+01
6.45E+02	1.15E-06	1.96E+01	2.61E+00	1.82E+00	6.24E+00	8.46E+00	1.13E+01	1.95E+01
6.53E+02	1.21E-06	1.97E+01	2.61E+00	1.84E+00	6.23E+00	8.45E+00	1.12E+01	1.96E+01
6.61E+02	1.29E-06	1.97E+01	2.61E+00	1.84E+00	6.23E+00	8.44E+00	1.12E+01	1.96E+01
6.69E+02	1.36E-06	1.98E+01	2.61E+00	1.85E+00	6.22E+00	8.43E+00	1.12E+01	1.97E+01
6.78E+02	1.45E-06	1.98E+01	2.62E+00	1.85E+00	6.21E+00	8.42E+00	1.12E+01	1.97E+01
6.86E+02	1.53E-06	1.98E+01	2.62E+00	1.86E+00	6.21E+00	8.41E+00	1.12E+01	1.98E+01
6.94E+02	1.62E-06	1.99E+01	2.62E+00	1.86E+00	6.20E+00	8.40E+00	1.12E+01	1.98E+01
7.02E+02	1.72E-06	1.99E+01	2.62E+00	1.87E+00	6.20E+00	8.39E+00	1.11E+01	1.98E+01
7.11E+02	1.82E-06	2.00E+01	2.62E+00	1.87E+00	6.19E+00	8.38E+00	1.11E+01	1.99E+01
7.19E+02	1.93E-06	2.00E+01	2.63E+00	1.88E+00	6.19E+00	8.37E+00	1.11E+01	1.99E+01
7.27E+02	2.05E-06	2.00E+01	2.63E+00	1.88E+00	6.18E+00	8.36E+00	1.11E+01	2.00E+01
7.36E+02	2.17E-06	2.01E+01	2.63E+00	1.89E+00	6.18E+00	8.35E+00	1.11E+01	2.00E+01
7.44E+02	2.30E-06	2.01E+01	2.63E+00	1.89E+00	6.17E+00	8.34E+00	1.11E+01	2.00E+01
7.52E+02	2.43E-06	2.02E+01	2.63E+00	1.90E+00	6.16E+00	8.33E+00	1.10E+01	2.01E+01
7.60E+02	2.58E-06	2.02E+01	2.63E+00	1.89E+00	6.16E+00	8.31E+00	1.10E+01	2.01E+01
7.69E+02	2.73E-06	2.02E+01	2.64E+00	1.89E+00	6.15E+00	8.30E+00	1.10E+01	2.01E+01
7.77E+02	2.90E-06	2.03E+01	2.64E+00	1.89E+00	6.15E+00	8.29E+00	1.10E+01	2.02E+01
7.85E+02	3.07E-06	2.03E+01	2.64E+00	1.89E+00	6.14E+00	8.28E+00	1.10E+01	2.02E+01
7.93E+02	3.25E-06	2.03E+01	2.64E+00	1.89E+00	6.14E+00	8.27E+00	1.10E+01	2.02E+01
8.02E+02	3.44E-06	2.04E+01	2.64E+00	1.89E+00	6.13E+00	8.26E+00	1.09E+01	2.03E+01
8.10E+02	3.65E-06	2.04E+01	2.64E+00	1.88E+00	6.12E+00	8.25E+00	1.09E+01	2.03E+01
8.18E+02	3.87E-06	2.04E+01	2.65E+00	1.88E+00	6.12E+00	8.24E+00	1.09E+01	2.03E+01
8.26E+02	4.10E-06	2.05E+01	2.65E+00	1.88E+00	6.11E+00	8.23E+00	1.09E+01	2.04E+01
8.35E+02	4.34E-06	2.05E+01	2.65E+00	1.88E+00	6.10E+00	8.22E+00	1.09E+01	2.04E+01
8.43E+02	4.60E-06	2.05E+01	2.65E+00	1.88E+00	6.10E+00	8.21E+00	1.09E+01	2.04E+01
8.51E+02	4.88E-06	2.06E+01	2.65E+00	1.87E+00	6.09E+00	8.20E+00	1.08E+01	2.05E+01
8.60E+02	5.17E-06	2.06E+01	2.65E+00	1.87E+00	6.09E+00	8.19E+00	1.08E+01	2.05E+01
8.68E+02	5.47E-06	2.06E+01	2.66E+00	1.87E+00	6.08E+00	8.18E+00	1.08E+01	2.05E+01
8.76E+02	5.80E-06	2.07E+01	2.66E+00	1.87E+00	6.08E+00	8.17E+00	1.08E+01	2.06E+01
8.84E+02	6.15E-06	2.07E+01	2.66E+00	1.87E+00	6.07E+00	8.16E+00	1.08E+01	2.06E+01
8.93E+02	6.51E-06	2.07E+01	2.66E+00	1.87E+00	6.07E+00	8.15E+00	1.08E+01	2.06E+01
9.01E+02	6.90E-06	2.07E+01	2.66E+00	1.86E+00	6.06E+00	8.14E+00	1.07E+01	2.06E+01
9.09E+02	7.31E-06	2.08E+01	2.66E+00	1.87E+00	6.06E+00	8.12E+00	1.07E+01	2.07E+01
9.17E+02	7.75E-06	2.08E+01	2.66E+00	1.87E+00	6.06E+00	8.11E+00	1.07E+01	2.07E+01
9.26E+02	8.21E-06	2.08E+01	2.67E+00	1.88E+00	6.05E+00	8.10E+00	1.07E+01	2.07E+01
9.34E+02	8.70E-06	2.08E+01	2.67E+00	1.89E+00	6.05E+00	8.09E+00	1.07E+01	2.07E+01
9.42E+02	9.22E-06	2.09E+01	2.67E+00	1.89E+00	6.04E+00	8.08E+00	1.06E+01	2.08E+01
9.50E+02	9.77E-06	2.09E+01	2.67E+00	1.90E+00	6.04E+00	8.07E+00	1.06E+01	2.08E+01
9.59E+02	1.04E-05	2.09E+01	2.67E+00	1.91E+00	6.03E+00	8.06E+00	1.06E+01	2.08E+01
9.67E+02	1.10E-05	2.09E+01	2.67E+00	1.91E+00	6.03E+00	8.05E+00	1.06E+01	2.08E+01
9.75E+02	1.16E-05	2.10E+01	2.67E+00	1.92E+00	6.02E+00	8.04E+00	1.06E+01	2.09E+01
9.83E+02	1.23E-05	2.10E+01	2.67E+00	1.92E+00	6.02E+00	8.03E+00	1.06E+01	2.09E+01
9.92E+02	1.31E-05	2.10E+01	2.67E+00	1.93E+00	6.04E+00	8.02E+00	1.05E+01	2.09E+01
1.00E+03	1.38E-05	2.10E+01	2.68E+00	1.94E+00	6.07E+00	8.01E+00	1.05E+01	2.09E+01

Probabilistic results summary : Hematite - Deep Ra-226+C CSM Sensitivity Analys-
is File: C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Peak of the mean dose (averaged over observations) at graphical times

Repetition	Time of peak mean dose	Peak mean dose
	Years	mrem/yr
1	1.000E+03	2.564E+00
2	1.000E+03	2.675E+00
3	1.000E+03	2.676E+00

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak of mean dose time Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	20	0.06	20	0.02	7	0.09	7	0.04
Kd of Pb-210 in Unsaturated Zone 1	10	0.11	10	0.04	18	-0.01	18	-0.01
Kd of Pb-210 in Saturated Zone	21	-0.05	21	-0.02	4	-0.21	4	-0.10
Kd of Ra-226 in Contaminated Zone	15	0.08	14	0.03	5	0.12	5	0.06
Kd of Ra-226 in Unsaturated Zone 1	14	0.09	12	0.03	11	0.07	11	0.04
Kd of Ra-226 in Saturated Zone	7	0.14	7	0.05	9	0.09	9	0.04
Plant transfer factor for Pb	3	0.66	3	0.31	3	0.51	3	0.28
Meat transfer factor for Pb	17	-0.07	17	-0.02	12	-0.07	12	-0.03
Milk transfer factor for Pb	5	-0.20	5	-0.07	15	-0.04	15	-0.02
Fish transfer factor for Pb	4	0.36	4	0.14	22	-0.01	22	0.00
Plant transfer factor for Ra	1	0.91	1	0.71	2	0.75	2	0.53
Meat transfer factor for Ra	6	0.14	6	0.05	16	0.03	16	0.01
Milk transfer factor for Ra	22	0.05	22	0.02	19	-0.01	19	-0.01
Fish transfer factor for Ra	11	0.11	11	0.04	17	0.03	17	0.01
Well pumping rate	18	-0.07	18	-0.02	13	0.04	14	0.02
Mass loading for inhalation	16	0.08	16	0.03	21	0.01	21	0.00
Indoor dust filtration factor	12	-0.09	13	-0.03	20	0.01	20	0.01
Depth of soil mixing layer	8	0.12	8	0.04	8	0.09	8	0.04
Depth of roots	2	0.81	2	0.45	1	0.81	1	0.65
Wet weight crop yield of fruit, grain and non-leafy vegetables	19	-0.06	19	-0.02	6	-0.11	6	-0.05
Weathering removal constant of all vegetation	9	-0.11	9	-0.04	10	-0.08	10	-0.04
Wet foliar interception fraction of leafy vegetables	13	-0.09	15	-0.03	14	-0.04	13	-0.02
R-SQUARE		0.90		0.90		0.78		0.78

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak of mean dose time Dose

Description of Probabilistic Variable	PCC Sig	PCC Coeff	SRC Sig	SRC Coeff	PRCC Sig	PRCC Coeff	SRRC Sig	SRRC Coeff
Coefficient =								
Repetition =	2		2		2		2	
Kd of Pb-210 in Contaminated Zone	7	-0.16	7	-0.05	18	-0.05	18	-0.02
Kd of Pb-210 in Unsaturated Zone 1	12	-0.08	12	-0.02	11	-0.12	11	-0.05
Kd of Pb-210 in Saturated Zone	20	0.00	20	0.00	5	0.18	5	0.09
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	4	0.28	4	0.13
Kd of Ra-226 in Unsaturated Zone 1	14	0.05	14	0.01	12	0.11	12	0.05
Kd of Ra-226 in Saturated Zone	6	0.18	5	0.06	9	0.15	9	0.07
Plant transfer factor for Pb	2	0.75	2	0.32	3	0.51	3	0.28
Meat transfer factor for Pb	8	-0.14	8	-0.04	8	0.15	8	0.07
Milk transfer factor for Pb	17	0.02	18	0.01	15	0.08	15	0.04
Fish transfer factor for Pb	16	0.02	16	0.01	13	0.11	13	0.05
Plant transfer factor for Ra	1	0.94	1	0.76	2	0.70	2	0.46
Meat transfer factor for Ra	13	-0.05	13	-0.01	14	0.09	14	0.04
Milk transfer factor for Ra	9	-0.11	9	-0.03	7	-0.16	7	-0.07
Fish transfer factor for Ra	4	-0.21	4	-0.07	16	-0.08	16	-0.03
Well pumping rate	15	-0.03	15	-0.01	20	0.03	20	0.01
Mass loading for inhalation	19	0.01	19	0.00	6	0.17	6	0.08
Indoor dust filtration factor	21	0.00	21	0.00	21	-0.02	21	-0.01
Depth of soil mixing layer	5	0.18	6	0.05	17	0.06	17	0.03
Depth of roots	3	0.75	3	0.32	1	0.83	1	0.69
Wet weight crop yield of fruit, grain and non-leafy vegetables	11	-0.10	11	-0.03	19	-0.04	19	-0.02
Weathering removal constant of all vegetation	10	0.11	10	0.03	10	0.13	10	0.06
Wet foliar interception fraction of leafy vegetables	18	0.02	17	0.01	22	0.00	22	0.00
R-SQUARE		0.93		0.93		0.79		0.79

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak of mean dose time Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	20	-0.02	18	-0.01	11	-0.12	11	-0.05
Kd of Pb-210 in Unsaturated Zone 1	17	0.04	17	0.01	17	0.07	17	0.03
Kd of Pb-210 in Saturated Zone	14	0.06	14	0.02	6	-0.15	6	-0.06
Kd of Ra-226 in Contaminated Zone	4	-0.13	4	-0.04	15	-0.08	15	-0.03
Kd of Ra-226 in Unsaturated Zone 1	22	0.01	22	0.00	13	-0.10	13	-0.04
Kd of Ra-226 in Saturated Zone	8	-0.09	8	-0.03	12	0.11	12	0.04
Plant transfer factor for Pb	3	0.73	3	0.32	3	0.60	3	0.29
Meat transfer factor for Pb	18	-0.03	19	-0.01	8	0.14	8	0.06
Milk transfer factor for Pb	15	0.05	15	0.01	10	-0.13	10	-0.05
Fish transfer factor for Pb	11	0.07	11	0.02	16	0.08	16	0.03
Plant transfer factor for Ra	1	0.94	1	0.81	2	0.82	2	0.56
Meat transfer factor for Ra	5	0.13	5	0.04	5	0.15	5	0.06
Milk transfer factor for Ra	12	0.07	13	0.02	7	0.15	7	0.06
Fish transfer factor for Ra	10	0.07	10	0.02	21	-0.02	21	-0.01
Well pumping rate	16	-0.04	16	-0.01	22	0.01	22	0.01
Mass loading for inhalation	13	-0.06	12	-0.02	18	0.07	18	0.03
Indoor dust filtration factor	6	0.11	6	0.03	19	0.05	19	0.02
Depth of soil mixing layer	19	0.03	20	0.01	20	-0.03	20	-0.01
Depth of roots	2	0.82	2	0.42	1	0.85	1	0.64
Wet weight crop yield of fruit, grain and non-leafy vegetables	21	0.01	21	0.00	9	-0.13	9	-0.05
Weathering removal constant of all vegetation	7	0.09	7	0.03	4	0.17	4	0.07
Wet foliar interception fraction of leafy vegetables	9	-0.08	9	-0.02	14	-0.09	14	-0.04
R-SQUARE		0.92		0.92		0.85		0.85

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak All Pathways Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	17	0.08	17	0.03	7	0.11	7	0.05
Kd of Pb-210 in Unsaturated Zone 1	12	0.09	12	0.03	16	-0.04	16	-0.02
Kd of Pb-210 in Saturated Zone	21	-0.05	21	-0.02	4	-0.23	4	-0.10
Kd of Ra-226 in Contaminated Zone	18	0.07	18	0.03	6	0.12	6	0.05
Kd of Ra-226 in Unsaturated Zone 1	9	0.11	9	0.04	11	0.07	11	0.03
Kd of Ra-226 in Saturated Zone	8	0.14	8	0.05	12	0.06	12	0.03
Plant transfer factor for Pb	3	0.64	3	0.30	3	0.52	3	0.27
Meat transfer factor for Pb	19	-0.07	19	-0.02	9	-0.08	9	-0.03
Milk transfer factor for Pb	5	-0.19	5	-0.07	15	-0.05	15	-0.02
Fish transfer factor for Pb	4	0.38	4	0.14	20	-0.01	20	0.00
Plant transfer factor for Ra	1	0.90	1	0.68	2	0.76	2	0.50
Meat transfer factor for Ra	6	0.16	6	0.06	18	0.01	18	0.01
Milk transfer factor for Ra	20	0.06	20	0.02	21	0.00	21	0.00
Fish transfer factor for Ra	13	0.08	13	0.03	22	0.00	22	0.00
Well pumping rate	15	-0.08	15	-0.03	14	0.06	14	0.02
Mass loading for inhalation	11	0.10	11	0.03	17	0.03	17	0.01
Indoor dust filtration factor	10	-0.11	10	-0.04	19	0.01	19	0.00
Depth of soil mixing layer	16	0.08	16	0.03	10	0.07	10	0.03
Depth of roots	2	0.83	2	0.50	1	0.85	1	0.70
Wet weight crop yield of fruit, grain and non-leafy vegetables	22	-0.05	22	-0.01	5	-0.12	5	-0.05
Weathering removal constant of all vegetation	7	-0.14	7	-0.05	8	-0.10	8	-0.04
Wet foliar interception fraction of leafy vegetables	14	-0.08	14	-0.03	13	-0.06	13	-0.03
R-SQUARE		0.90		0.90		0.81		0.81

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	7	-0.17	7	-0.04	21	-0.01	21	0.00
Kd of Pb-210 in Unsaturated Zone 1	14	-0.09	13	-0.02	15	-0.06	15	-0.02
Kd of Pb-210 in Saturated Zone	21	-0.04	21	-0.01	11	0.11	11	0.04
Kd of Ra-226 in Contaminated Zone	11	-0.11	11	-0.03	6	0.19	6	0.07
Kd of Ra-226 in Unsaturated Zone 1	20	0.04	20	0.01	16	0.06	16	0.02
Kd of Ra-226 in Saturated Zone	9	0.14	8	0.04	13	0.08	13	0.03
Plant transfer factor for Pb	3	0.73	3	0.26	3	0.55	3	0.26
Meat transfer factor for Pb	4	-0.24	5	-0.06	10	0.11	10	0.04
Milk transfer factor for Pb	19	-0.05	19	-0.01	19	0.03	19	0.01
Fish transfer factor for Pb	22	-0.02	22	-0.01	14	0.08	14	0.03
Plant transfer factor for Ra	1	0.95	1	0.76	2	0.78	2	0.48
Meat transfer factor for Ra	17	0.07	17	0.02	5	0.21	5	0.08
Milk transfer factor for Ra	10	-0.13	10	-0.03	4	-0.23	4	-0.09
Fish transfer factor for Ra	5	-0.24	4	-0.07	7	-0.12	7	-0.04
Well pumping rate	13	-0.10	14	-0.02	20	-0.02	20	-0.01
Mass loading for inhalation	16	-0.08	16	-0.02	8	0.12	8	0.04
Indoor dust filtration factor	15	0.09	15	0.02	17	-0.05	17	-0.02
Depth of soil mixing layer	8	0.16	9	0.04	18	0.04	18	0.02
Depth of roots	2	0.83	2	0.37	1	0.89	1	0.75
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.19	6	-0.05	12	-0.09	12	-0.03
Weathering removal constant of all vegetation	12	0.11	12	0.03	9	0.11	9	0.04
Wet foliar interception fraction of leafy vegetables	18	-0.06	18	-0.01	22	0.00	22	0.00
R-SQUARE		0.95		0.95		0.86		0.86

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	18	-0.02	17	-0.01	12	-0.10	12	-0.04
Kd of Pb-210 in Unsaturated Zone 1	17	0.02	18	0.01	19	0.05	19	0.02
Kd of Pb-210 in Saturated Zone	16	0.03	16	0.01	6	-0.15	6	-0.05
Kd of Ra-226 in Contaminated Zone	9	-0.09	9	-0.03	15	-0.07	14	-0.02
Kd of Ra-226 in Unsaturated Zone 1	22	-0.01	22	0.00	13	-0.09	13	-0.03
Kd of Ra-226 in Saturated Zone	12	-0.08	11	-0.02	11	0.10	11	0.04
Plant transfer factor for Pb	3	0.75	3	0.35	3	0.63	3	0.29
Meat transfer factor for Pb	11	-0.08	12	-0.02	5	0.16	5	0.06
Milk transfer factor for Pb	6	0.10	6	0.03	10	-0.12	10	-0.04
Fish transfer factor for Pb	8	0.10	8	0.03	17	0.06	17	0.02
Plant transfer factor for Ra	1	0.93	1	0.77	2	0.83	2	0.54
Meat transfer factor for Ra	5	0.11	5	0.04	7	0.15	7	0.05
Milk transfer factor for Ra	19	0.01	19	0.00	9	0.12	9	0.04
Fish transfer factor for Ra	15	0.04	15	0.01	22	0.00	22	0.00
Well pumping rate	14	-0.06	14	-0.02	20	0.01	20	0.00
Mass loading for inhalation	10	-0.08	10	-0.03	18	0.05	18	0.02
Indoor dust filtration factor	4	0.15	4	0.04	16	0.06	16	0.02
Depth of soil mixing layer	20	-0.01	20	0.00	21	0.01	21	0.00
Depth of roots	2	0.84	2	0.47	1	0.88	1	0.68
Wet weight crop yield of fruit, grain and non-leafy vegetables	21	0.01	21	0.00	8	-0.13	8	-0.05
Weathering removal constant of all vegetation	7	0.10	7	0.03	4	0.16	4	0.06
Wet foliar interception fraction of leafy vegetables	13	-0.07	13	-0.02	14	-0.07	15	-0.02
R-SQUARE		0.91		0.91		0.87		0.87

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak External Ground Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	10	-0.15	10	-0.01
Kd of Pb-210 in Unsaturated Zone 1	6	0.08	6	0.08	2	-0.27	2	-0.01
Kd of Pb-210 in Saturated Zone	20	0.02	20	0.02	6	-0.21	6	-0.01
Kd of Ra-226 in Contaminated Zone	1	0.18	1	0.20	1	1.00	1	1.00
Kd of Ra-226 in Unsaturated Zone 1	12	0.06	12	0.06	18	0.04	18	0.00
Kd of Ra-226 in Saturated Zone	7	0.08	7	0.08	9	-0.15	9	-0.01
Plant transfer factor for Pb	5	0.08	4	0.08	12	0.11	12	0.01
Meat transfer factor for Pb	14	-0.05	14	-0.05	4	0.25	4	0.01
Milk transfer factor for Pb	15	-0.04	16	-0.04	13	0.11	13	0.01
Fish transfer factor for Pb	13	-0.05	13	-0.05	20	-0.03	20	0.00
Plant transfer factor for Ra	11	0.06	11	0.06	15	0.10	15	0.00
Meat transfer factor for Ra	16	0.04	15	0.04	16	0.06	16	0.00
Milk transfer factor for Ra	19	0.03	19	0.03	14	0.10	14	0.00
Fish transfer factor for Ra	4	0.08	5	0.08	7	-0.20	7	-0.01
Well pumping rate	10	-0.07	10	-0.07	5	0.21	5	0.01
Mass loading for inhalation	9	-0.07	9	-0.07	3	0.25	3	0.01
Indoor dust filtration factor	22	0.00	22	0.00	8	-0.18	8	-0.01
Depth of soil mixing layer	2	0.13	2	0.14	22	0.01	22	0.00
Depth of roots	17	-0.03	17	-0.03	21	0.03	21	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	18	-0.03	18	-0.03	11	-0.11	11	-0.01
Weathering removal constant of all vegetation	3	0.13	3	0.13	17	-0.06	17	0.00
Wet foliar interception fraction of leafy vegetables	8	-0.07	8	-0.07	19	-0.03	19	0.00
R-SQUARE		0.10		0.10		1.00		1.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak External Ground Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	20	-0.01	20	-0.02	6	0.12	6	0.01
Kd of Pb-210 in Unsaturated Zone 1	18	0.02	18	0.02	20	-0.02	20	0.00
Kd of Pb-210 in Saturated Zone	14	0.04	14	0.05	22	-0.01	22	0.00
Kd of Ra-226 in Contaminated Zone	2	0.16	2	0.16	1	1.00	1	1.00
Kd of Ra-226 in Unsaturated Zone 1	12	0.07	13	0.07	17	-0.04	17	0.00
Kd of Ra-226 in Saturated Zone	13	0.05	12	0.07	12	0.06	12	0.00
Plant transfer factor for Pb	3	0.15	3	0.15	2	0.21	2	0.01
Meat transfer factor for Pb	6	0.10	6	0.10	11	0.06	11	0.00
Milk transfer factor for Pb	11	0.07	11	0.07	7	-0.10	7	-0.01
Fish transfer factor for Pb	10	0.08	10	0.08	10	-0.07	10	0.00
Plant transfer factor for Ra	21	-0.01	21	-0.01	9	0.07	9	0.00
Meat transfer factor for Ra	1	-0.31	1	-0.32	19	-0.02	19	0.00
Milk transfer factor for Ra	8	0.09	8	0.09	14	0.04	14	0.00
Fish transfer factor for Ra	17	-0.03	15	-0.03	13	0.05	13	0.00
Well pumping rate	16	0.03	17	0.03	4	-0.19	4	-0.01
Mass loading for inhalation	4	0.13	4	0.13	5	0.16	5	0.01
Indoor dust filtration factor	19	0.02	19	0.02	3	-0.20	3	-0.01
Depth of soil mixing layer	22	0.00	22	0.00	8	0.08	8	0.00
Depth of roots	7	-0.10	7	-0.09	16	0.04	16	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	5	0.11	5	0.11	21	-0.01	21	0.00
Weathering removal constant of all vegetation	9	-0.09	9	-0.08	18	0.03	18	0.00
Wet foliar interception fraction of leafy vegetables	15	0.03	16	0.03	15	0.04	15	0.00
R-SQUARE		0.17		0.17		1.00		1.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak External Ground Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	5	0.14	4	0.16	3	0.25	3	0.01
Kd of Pb-210 in Unsaturated Zone 1	18	0.05	18	0.04	5	-0.22	5	-0.01
Kd of Pb-210 in Saturated Zone	17	0.05	17	0.05	2	0.29	2	0.01
Kd of Ra-226 in Contaminated Zone	1	0.28	1	0.30	1	1.00	1	1.00
Kd of Ra-226 in Unsaturated Zone 1	19	-0.03	19	-0.03	16	0.07	16	0.00
Kd of Ra-226 in Saturated Zone	15	0.08	14	0.07	7	-0.19	7	-0.01
Plant transfer factor for Pb	11	-0.09	12	-0.09	12	0.09	12	0.00
Meat transfer factor for Pb	14	0.08	15	0.07	19	-0.02	19	0.00
Milk transfer factor for Pb	4	-0.14	5	-0.14	20	-0.02	20	0.00
Fish transfer factor for Pb	16	0.06	16	0.06	13	-0.09	13	0.00
Plant transfer factor for Ra	13	0.09	13	0.08	11	0.13	11	0.01
Meat transfer factor for Ra	2	0.20	2	0.20	8	-0.19	8	-0.01
Milk transfer factor for Ra	21	0.02	21	0.02	21	0.02	21	0.00
Fish transfer factor for Ra	7	-0.13	6	-0.13	18	-0.03	18	0.00
Well pumping rate	8	-0.11	8	-0.10	10	-0.15	10	-0.01
Mass loading for inhalation	12	-0.09	9	-0.10	17	-0.07	17	0.00
Indoor dust filtration factor	22	0.02	22	0.01	22	-0.01	22	0.00
Depth of soil mixing layer	3	-0.18	3	-0.16	14	-0.09	14	0.00
Depth of roots	6	0.14	7	0.13	9	-0.16	9	-0.01
Wet weight crop yield of fruit, grain and non-leafy vegetables	10	0.09	11	0.09	4	-0.24	4	-0.01
Weathering removal constant of all vegetation	9	-0.10	10	-0.09	6	-0.22	6	-0.01
Wet foliar interception fraction of leafy vegetables	20	0.02	20	0.02	15	0.07	15	0.00
R-SQUARE		0.21		0.21		1.00		1.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Inhalation Particles Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Inhalation Particles Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Inhalation Particles Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterInd.) Dose

Description of Probabilistic Variable	PCC Coefficient =	PCC Sig	SRC Coefficient =	SRC Sig	PRCC Coefficient =	PRCC Sig	SRRC Coefficient =	SRRC Sig
	Repetition = 1		Repetition = 1		Repetition = 1		Repetition = 1	
Kd of Pb-210 in Contaminated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Pb-210 in Unsaturated Zone 1	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Pb-210 in Saturated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Ra-226 in Contaminated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Ra-226 in Unsaturated Zone 1	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Ra-226 in Saturated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Plant transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Meat transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Milk transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Fish transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Plant transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Meat transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Milk transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Fish transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Well pumping rate	0.00	0	0.00	0	0.00	0	0.00	0
Mass loading for inhalation	0.00	0	0.00	0	0.00	0	0.00	0
Indoor dust filtration factor	0.00	0	0.00	0	0.00	0	0.00	0
Depth of soil mixing layer	0.00	0	0.00	0	0.00	0	0.00	0
Depth of roots	0.00	0	0.00	0	0.00	0	0.00	0
Wet weight crop yield of fruit, grain and non-leafy vegetables	0.00	0	0.00	0	0.00	0	0.00	0
Weathering removal constant of all vegetation	0.00	0	0.00	0	0.00	0	0.00	0
Wet foliar interception fraction of leafy vegetables	0.00	0	0.00	0	0.00	0	0.00	0
R-SQUARE	0.00		0.00		0.00		0.00	

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterInd.) Dose

Description of Probabilistic Variable	PCC Coefficient =	PCC Repetition = 2	SRC Coefficient =	SRC Repetition = 2	PRCC Coefficient =	PRCC Repetition = 2	SRRC Coefficient =	SRRC Repetition = 2
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Radon (WaterInd.) Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Plant (WaterInd.) Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	17	0.08	17	0.03	7	0.10	7	0.04
Kd of Pb-210 in Unsaturated Zone 1	12	0.09	12	0.03	14	-0.05	14	-0.02
Kd of Pb-210 in Saturated Zone	21	-0.05	21	-0.02	4	-0.22	4	-0.10
Kd of Ra-226 in Contaminated Zone	18	0.07	18	0.03	12	0.06	12	0.03
Kd of Ra-226 in Unsaturated Zone 1	9	0.11	9	0.04	10	0.07	10	0.03
Kd of Ra-226 in Saturated Zone	8	0.14	8	0.05	15	0.04	15	0.02
Plant transfer factor for Pb	3	0.64	3	0.30	3	0.54	3	0.27
Meat transfer factor for Pb	19	-0.07	19	-0.02	13	-0.06	13	-0.02
Milk transfer factor for Pb	5	-0.19	5	-0.07	16	-0.03	16	-0.01
Fish transfer factor for Pb	4	0.38	4	0.14	18	-0.03	18	-0.01
Plant transfer factor for Ra	1	0.90	1	0.67	2	0.77	2	0.51
Meat transfer factor for Ra	6	0.16	6	0.06	17	0.03	17	0.01
Milk transfer factor for Ra	20	0.06	20	0.02	20	-0.02	20	-0.01
Fish transfer factor for Ra	13	0.08	13	0.03	22	0.00	22	0.00
Well pumping rate	15	-0.08	15	-0.03	11	0.07	11	0.03
Mass loading for inhalation	11	0.10	11	0.03	21	0.01	21	0.00
Indoor dust filtration factor	10	-0.11	10	-0.04	19	-0.02	19	-0.01
Depth of soil mixing layer	16	0.08	16	0.03	8	0.09	8	0.04
Depth of roots	2	0.83	2	0.50	1	0.85	1	0.70
Wet weight crop yield of fruit, grain and non-leafy vegetables	22	-0.05	22	-0.02	5	-0.11	5	-0.05
Weathering removal constant of all vegetation	7	-0.14	7	-0.05	6	-0.11	6	-0.05
Wet foliar interception fraction of leafy vegetables	14	-0.08	14	-0.03	9	-0.07	9	-0.03
R-SQUARE		0.90		0.90		0.82		0.82

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Plant (WaterInd.) Dose

Description of Probabilistic Variable	PCC Sig	PCC Coeff	SRC Sig	SRC Coeff	PRCC Sig	PRCC Coeff	SRRC Sig	SRRC Coeff
Coefficient =								
Repetition =	2		2		2		2	
Kd of Pb-210 in Contaminated Zone	7	-0.17	7	-0.04	19	-0.04	19	-0.01
Kd of Pb-210 in Unsaturated Zone 1	14	-0.09	13	-0.02	18	-0.04	18	-0.02
Kd of Pb-210 in Saturated Zone	21	-0.04	21	-0.01	9	0.11	9	0.04
Kd of Ra-226 in Contaminated Zone	12	-0.11	12	-0.03	6	0.14	6	0.06
Kd of Ra-226 in Unsaturated Zone 1	20	0.04	20	0.01	17	0.05	17	0.02
Kd of Ra-226 in Saturated Zone	9	0.14	8	0.04	15	0.06	15	0.02
Plant transfer factor for Pb	3	0.73	3	0.26	3	0.55	3	0.25
Meat transfer factor for Pb	4	-0.25	5	-0.06	12	0.10	12	0.04
Milk transfer factor for Pb	19	-0.05	19	-0.01	16	0.06	16	0.02
Fish transfer factor for Pb	22	-0.02	22	-0.01	13	0.09	13	0.03
Plant transfer factor for Ra	1	0.95	1	0.76	2	0.78	2	0.48
Meat transfer factor for Ra	17	0.06	17	0.01	4	0.21	4	0.08
Milk transfer factor for Ra	10	-0.14	10	-0.03	5	-0.21	5	-0.08
Fish transfer factor for Ra	5	-0.24	4	-0.07	8	-0.12	8	-0.05
Well pumping rate	13	-0.10	14	-0.02	22	-0.01	22	-0.01
Mass loading for inhalation	16	-0.08	16	-0.02	10	0.10	10	0.04
Indoor dust filtration factor	15	0.08	15	0.02	20	-0.04	20	-0.01
Depth of soil mixing layer	8	0.16	9	0.04	14	0.07	14	0.03
Depth of roots	2	0.83	2	0.37	1	0.89	1	0.75
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.19	6	-0.05	11	-0.10	11	-0.04
Weathering removal constant of all vegetation	11	0.11	11	0.03	7	0.12	7	0.05
Wet foliar interception fraction of leafy vegetables	18	-0.05	18	-0.01	21	0.02	21	0.01
R-SQUARE		0.95		0.95		0.85		0.85

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	18	-0.02	17	-0.01	14	-0.07	14	-0.03
Kd of Pb-210 in Unsaturated Zone 1	17	0.02	18	0.01	16	0.07	16	0.02
Kd of Pb-210 in Saturated Zone	16	0.03	16	0.01	5	-0.15	5	-0.06
Kd of Ra-226 in Contaminated Zone	9	-0.09	9	-0.03	6	-0.14	6	-0.05
Kd of Ra-226 in Unsaturated Zone 1	22	-0.01	22	0.00	13	-0.08	13	-0.03
Kd of Ra-226 in Saturated Zone	12	-0.08	11	-0.02	12	0.08	12	0.03
Plant transfer factor for Pb	3	0.75	3	0.35	3	0.62	3	0.30
Meat transfer factor for Pb	11	-0.08	12	-0.02	7	0.14	7	0.05
Milk transfer factor for Pb	6	0.10	6	0.03	8	-0.13	8	-0.05
Fish transfer factor for Pb	7	0.10	8	0.03	19	0.04	19	0.01
Plant transfer factor for Ra	1	0.93	1	0.77	2	0.82	2	0.53
Meat transfer factor for Ra	5	0.11	5	0.04	4	0.16	4	0.06
Milk transfer factor for Ra	19	0.01	19	0.00	11	0.10	11	0.04
Fish transfer factor for Ra	15	0.04	15	0.01	21	-0.02	21	-0.01
Well pumping rate	14	-0.06	14	-0.02	20	0.02	20	0.01
Mass loading for inhalation	10	-0.08	10	-0.03	17	0.05	17	0.02
Indoor dust filtration factor	4	0.15	4	0.05	18	0.05	18	0.02
Depth of soil mixing layer	20	-0.01	20	0.00	22	0.02	22	0.01
Depth of roots	2	0.84	2	0.47	1	0.88	1	0.68
Wet weight crop yield of fruit, grain and non-leafy vegetables	21	0.01	21	0.00	10	-0.10	10	-0.04
Weathering removal constant of all vegetation	8	0.10	7	0.03	9	0.12	9	0.05
Wet foliar interception fraction of leafy vegetables	13	-0.07	13	-0.02	15	-0.07	15	-0.03
R-SQUARE		0.91		0.91		0.86		0.86

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Meat (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	12	0.07	12	0.04	6	0.16	6	0.07
Kd of Pb-210 in Unsaturated Zone 1	22	-0.01	22	0.00	21	-0.01	21	0.00
Kd of Pb-210 in Saturated Zone	16	0.06	16	0.04	9	-0.15	9	-0.07
Kd of Ra-226 in Contaminated Zone	14	0.06	13	0.04	11	0.07	11	0.03
Kd of Ra-226 in Unsaturated Zone 1	4	0.36	4	0.26	19	-0.02	19	-0.01
Kd of Ra-226 in Saturated Zone	19	0.04	19	0.02	13	0.06	13	0.03
Plant transfer factor for Pb	6	0.18	6	0.12	4	0.47	4	0.25
Meat transfer factor for Pb	8	0.15	8	0.09	5	0.31	5	0.15
Milk transfer factor for Pb	20	0.04	20	0.02	8	0.15	8	0.07
Fish transfer factor for Pb	5	0.21	5	0.13	12	0.07	12	0.03
Plant transfer factor for Ra	1	0.64	1	0.49	2	0.66	2	0.41
Meat transfer factor for Ra	3	0.42	3	0.31	3	0.59	3	0.34
Milk transfer factor for Ra	18	0.04	18	0.02	14	0.06	14	0.03
Fish transfer factor for Ra	10	0.10	10	0.06	7	0.16	7	0.07
Well pumping rate	15	-0.06	15	-0.04	18	-0.02	18	-0.01
Mass loading for inhalation	21	-0.02	21	-0.01	22	0.00	22	0.00
Indoor dust filtration factor	17	-0.05	17	-0.03	15	0.05	15	0.02
Depth of soil mixing layer	9	-0.12	9	-0.07	17	0.03	17	0.01
Depth of roots	2	0.58	2	0.43	1	0.81	1	0.63
Wet weight crop yield of fruit, grain and non-leafy vegetables	11	-0.08	11	-0.05	16	-0.04	16	-0.02
Weathering removal constant of all vegetation	7	-0.16	7	-0.10	20	0.02	20	0.01
Wet foliar interception fraction of leafy vegetables	13	-0.06	14	-0.04	10	-0.10	10	-0.04
R-SQUARE		0.68		0.68		0.79		0.79

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Meat (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	0.02	22	0.01	21	-0.01	21	0.00
Kd of Pb-210 in Unsaturated Zone 1	8	-0.09	8	-0.05	13	-0.09	13	-0.04
Kd of Pb-210 in Saturated Zone	17	-0.05	16	-0.02	22	0.00	22	0.00
Kd of Ra-226 in Contaminated Zone	16	-0.05	17	-0.02	7	0.20	7	0.08
Kd of Ra-226 in Unsaturated Zone 1	12	-0.06	12	-0.03	20	0.02	20	0.01
Kd of Ra-226 in Saturated Zone	22	-0.02	21	-0.01	14	0.09	14	0.03
Plant transfer factor for Pb	3	0.50	3	0.29	4	0.47	4	0.21
Meat transfer factor for Pb	10	0.07	11	0.04	5	0.37	5	0.15
Milk transfer factor for Pb	5	0.19	5	0.10	17	0.07	17	0.03
Fish transfer factor for Pb	20	0.03	20	0.01	11	0.11	10	0.04
Plant transfer factor for Ra	2	0.66	2	0.44	2	0.74	2	0.43
Meat transfer factor for Ra	1	0.69	1	0.48	3	0.70	3	0.38
Milk transfer factor for Ra	13	-0.06	13	-0.03	10	-0.11	11	-0.04
Fish transfer factor for Ra	11	-0.06	10	-0.04	12	-0.11	12	-0.04
Well pumping rate	14	-0.06	14	-0.03	16	0.07	16	0.03
Mass loading for inhalation	9	-0.09	9	-0.04	6	0.20	6	0.08
Indoor dust filtration factor	19	-0.04	19	-0.02	15	-0.07	15	-0.03
Depth of soil mixing layer	7	0.10	7	0.05	8	0.17	8	0.07
Depth of roots	4	0.33	4	0.17	1	0.87	1	0.69
Wet weight crop yield of fruit, grain and non-leafy vegetables	15	-0.06	15	-0.03	18	-0.03	18	-0.01
Weathering removal constant of all vegetation	6	-0.13	6	-0.06	9	0.13	9	0.05
Wet foliar interception fraction of leafy vegetables	18	0.04	18	0.02	19	-0.02	19	-0.01
R-SQUARE		0.78		0.78		0.85		0.85

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	12	0.08	12	0.05	20	-0.02	20	-0.01
Kd of Pb-210 in Unsaturated Zone 1	21	-0.01	21	-0.01	21	-0.01	21	0.00
Kd of Pb-210 in Saturated Zone	16	0.04	16	0.02	9	-0.21	9	-0.08
Kd of Ra-226 in Contaminated Zone	7	-0.14	6	-0.07	12	-0.15	12	-0.06
Kd of Ra-226 in Unsaturated Zone 1	14	0.05	14	0.02	18	0.02	18	0.01
Kd of Ra-226 in Saturated Zone	9	-0.11	9	-0.05	15	-0.05	15	-0.02
Plant transfer factor for Pb	5	0.42	5	0.22	5	0.51	5	0.22
Meat transfer factor for Pb	4	0.42	4	0.22	4	0.51	4	0.22
Milk transfer factor for Pb	10	-0.11	10	-0.05	11	-0.16	11	-0.06
Fish transfer factor for Pb	15	-0.05	15	-0.02	19	0.02	19	0.01
Plant transfer factor for Ra	1	0.80	1	0.63	2	0.78	2	0.46
Meat transfer factor for Ra	3	0.62	2	0.37	3	0.66	3	0.33
Milk transfer factor for Ra	6	0.15	7	0.07	8	0.22	8	0.08
Fish transfer factor for Ra	18	-0.03	18	-0.02	13	-0.12	13	-0.05
Well pumping rate	13	0.06	13	0.03	10	0.20	10	0.08
Mass loading for inhalation	11	-0.09	11	-0.05	16	0.03	16	0.01
Indoor dust filtration factor	20	-0.02	20	-0.01	22	0.01	22	0.00
Depth of soil mixing layer	22	0.00	22	0.00	14	-0.10	14	-0.04
Depth of roots	2	0.62	3	0.36	1	0.86	1	0.64
Wet weight crop yield of fruit, grain and non-leafy vegetables	8	0.13	8	0.06	7	-0.23	7	-0.09
Weathering removal constant of all vegetation	17	0.04	17	0.02	6	0.28	6	0.11
Wet foliar interception fraction of leafy vegetables	19	0.02	19	0.01	17	0.03	17	0.01
R-SQUARE		0.80		0.80		0.86		0.86

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Milk (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	20	0.02	20	0.01	15	0.04	15	0.02
Kd of Pb-210 in Unsaturated Zone 1	16	0.04	16	0.02	14	0.05	14	0.02
Kd of Pb-210 in Saturated Zone	14	-0.05	14	-0.02	8	-0.12	8	-0.05
Kd of Ra-226 in Contaminated Zone	18	0.03	17	0.01	18	-0.03	18	-0.01
Kd of Ra-226 in Unsaturated Zone 1	11	0.08	10	0.04	19	0.03	19	0.01
Kd of Ra-226 in Saturated Zone	9	0.10	9	0.04	22	-0.02	22	-0.01
Plant transfer factor for Pb	6	0.20	6	0.09	5	0.20	5	0.09
Meat transfer factor for Pb	12	-0.08	12	-0.03	16	0.04	16	0.02
Milk transfer factor for Pb	21	0.01	21	0.00	4	0.26	4	0.12
Fish transfer factor for Pb	5	0.22	5	0.10	13	-0.07	13	-0.03
Plant transfer factor for Ra	1	0.88	1	0.76	2	0.77	2	0.54
Meat transfer factor for Ra	7	0.14	7	0.07	11	0.09	11	0.04
Milk transfer factor for Ra	3	0.51	3	0.24	3	0.53	3	0.27
Fish transfer factor for Ra	10	0.08	11	0.03	17	0.03	17	0.02
Well pumping rate	22	0.00	22	0.00	6	0.14	6	0.06
Mass loading for inhalation	4	0.25	4	0.10	20	0.03	20	0.01
Indoor dust filtration factor	13	-0.06	13	-0.02	21	0.02	21	0.01
Depth of soil mixing layer	15	-0.04	15	-0.02	9	0.10	9	0.05
Depth of roots	2	0.68	2	0.39	1	0.82	1	0.64
Wet weight crop yield of fruit, grain and non-leafy vegetables	8	0.12	8	0.05	12	0.07	12	0.03
Weathering removal constant of all vegetation	17	-0.03	18	-0.01	10	-0.10	10	-0.04
Wet foliar interception fraction of leafy vegetables	19	-0.03	19	-0.01	7	-0.13	7	-0.06
R-SQUARE		0.84		0.84		0.81		0.81

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Milk (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	8	-0.19	6	-0.09	16	0.08	16	0.04
Kd of Pb-210 in Unsaturated Zone 1	22	0.01	22	0.00	20	-0.04	20	-0.02
Kd of Pb-210 in Saturated Zone	15	-0.05	14	-0.02	17	0.08	17	0.03
Kd of Ra-226 in Contaminated Zone	18	0.04	18	0.02	5	0.22	5	0.10
Kd of Ra-226 in Unsaturated Zone 1	21	-0.01	21	-0.01	18	0.07	18	0.03
Kd of Ra-226 in Saturated Zone	12	0.12	11	0.06	14	0.09	14	0.04
Plant transfer factor for Pb	4	0.22	4	0.09	6	0.22	6	0.10
Meat transfer factor for Pb	7	-0.19	8	-0.08	15	-0.08	15	-0.04
Milk transfer factor for Pb	5	0.22	5	0.09	4	0.29	4	0.13
Fish transfer factor for Pb	20	0.03	20	0.01	8	0.13	8	0.06
Plant transfer factor for Ra	1	0.88	1	0.77	2	0.77	2	0.52
Meat transfer factor for Ra	9	0.17	10	0.07	9	0.11	9	0.05
Milk transfer factor for Ra	3	0.29	3	0.13	3	0.29	3	0.13
Fish transfer factor for Ra	10	-0.17	7	-0.08	11	-0.10	11	-0.04
Well pumping rate	16	-0.05	17	-0.02	21	0.02	21	0.01
Mass loading for inhalation	14	-0.06	15	-0.02	12	0.10	12	0.04
Indoor dust filtration factor	19	-0.04	19	-0.02	7	-0.18	7	-0.08
Depth of soil mixing layer	11	0.16	12	0.06	19	0.05	19	0.02
Depth of roots	2	0.59	2	0.30	1	0.85	1	0.69
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.19	9	-0.08	10	-0.11	10	-0.05
Weathering removal constant of all vegetation	13	-0.10	13	-0.04	13	0.09	13	0.04
Wet foliar interception fraction of leafy vegetables	17	0.05	16	0.02	22	0.01	22	0.00
R-SQUARE		0.85		0.85		0.82		0.82

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Milk (WaterInd.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	0.00	22	-0.03	22	-0.01
Kd of Pb-210 in Unsaturated Zone 1	19	-0.02	19	-0.01	18	0.07	18	0.03
Kd of Pb-210 in Saturated Zone	15	0.04	15	0.02	7	-0.14	7	-0.06
Kd of Ra-226 in Contaminated Zone	6	-0.21	6	-0.09	5	-0.19	5	-0.08
Kd of Ra-226 in Unsaturated Zone 1	17	-0.03	17	-0.01	12	-0.11	12	-0.04
Kd of Ra-226 in Saturated Zone	8	-0.13	8	-0.05	20	-0.03	20	-0.01
Plant transfer factor for Pb	4	0.38	4	0.16	4	0.35	4	0.14
Meat transfer factor for Pb	9	-0.12	9	-0.05	11	0.11	10	0.04
Milk transfer factor for Pb	5	0.23	5	0.10	8	0.14	8	0.05
Fish transfer factor for Pb	13	-0.06	14	-0.02	14	-0.09	14	-0.04
Plant transfer factor for Ra	1	0.90	1	0.83	2	0.83	2	0.57
Meat transfer factor for Ra	22	0.01	22	0.00	6	0.16	6	0.06
Milk transfer factor for Ra	3	0.52	3	0.24	3	0.58	3	0.28
Fish transfer factor for Ra	10	0.10	10	0.04	16	-0.07	16	-0.03
Well pumping rate	11	0.09	11	0.04	13	0.10	13	0.04
Mass loading for inhalation	14	0.06	13	0.03	17	0.07	17	0.03
Indoor dust filtration factor	7	-0.14	7	-0.05	9	-0.13	9	-0.05
Depth of soil mixing layer	20	-0.01	20	-0.01	21	-0.03	21	-0.01
Depth of roots	2	0.64	2	0.33	1	0.85	1	0.63
Wet weight crop yield of fruit, grain and non-leafy vegetables	12	0.08	12	0.03	19	-0.06	19	-0.02
Weathering removal constant of all vegetation	16	-0.04	16	-0.01	15	0.09	15	0.04
Wet foliar interception fraction of leafy vegetables	18	-0.03	18	-0.01	10	-0.12	11	-0.04
R-SQUARE		0.86		0.86		0.85		0.85

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Soil Ingestion Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Soil Ingestion Dose

Description of Probabilistic Variable	PCC Coefficient =	PCC Repetition = 2	SRC Coefficient =	SRC Repetition = 2	PRCC Coefficient =	PRCC Repetition = 2	SRRC Coefficient =	SRRC Repetition = 2
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Soil Ingestion Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Water Ingestion Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	14	0.03	14	0.03	7	-0.10	7	-0.08
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.10	1	-0.50	1	-0.45
Kd of Pb-210 in Saturated Zone	21	-0.01	21	-0.01	22	0.00	22	0.00
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	14	-0.08	14	-0.06
Kd of Ra-226 in Unsaturated Zone 1	19	0.02	18	0.02	9	-0.10	9	-0.08
Kd of Ra-226 in Saturated Zone	10	-0.06	10	-0.06	13	-0.09	13	-0.07
Plant transfer factor for Pb	17	0.02	15	0.03	3	0.23	3	0.18
Meat transfer factor for Pb	3	0.16	3	0.17	5	-0.18	5	-0.14
Milk transfer factor for Pb	1	0.19	1	0.19	21	-0.02	21	-0.02
Fish transfer factor for Pb	20	-0.02	20	-0.02	16	-0.07	16	-0.05
Plant transfer factor for Ra	6	-0.10	6	-0.10	15	0.07	15	0.06
Meat transfer factor for Ra	13	-0.03	13	-0.03	11	0.09	11	0.07
Milk transfer factor for Ra	8	0.09	8	0.08	12	0.09	12	0.07
Fish transfer factor for Ra	7	-0.10	7	-0.10	6	-0.16	6	-0.13
Well pumping rate	9	0.08	9	0.07	18	-0.05	18	-0.04
Mass loading for inhalation	18	0.02	19	0.02	17	0.06	17	0.05
Indoor dust filtration factor	11	0.05	11	0.05	19	0.05	19	0.04
Depth of soil mixing layer	16	-0.03	16	-0.02	4	-0.22	4	-0.17
Depth of roots	2	0.19	2	0.19	2	0.30	2	0.25
Wet weight crop yield of fruit, grain and non-leafy vegetables	15	-0.03	17	-0.02	8	0.10	8	0.08
Weathering removal constant of all vegetation	12	-0.05	12	-0.05	20	-0.02	20	-0.02
Wet foliar interception fraction of leafy vegetables	4	-0.12	4	-0.12	10	-0.09	10	-0.07
R-SQUARE		0.13		0.13		0.39		0.39

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Water Ingestion Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	12	-0.11	12	-0.08
Kd of Pb-210 in Unsaturated Zone 1	19	-0.01	19	-0.01	1	-0.56	1	-0.50
Kd of Pb-210 in Saturated Zone	7	-0.10	7	-0.11	20	-0.02	20	-0.01
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	14	-0.07	14	-0.05
Kd of Ra-226 in Unsaturated Zone 1	17	-0.01	17	-0.01	22	-0.01	22	-0.01
Kd of Ra-226 in Saturated Zone	13	-0.04	12	-0.05	9	0.12	9	0.09
Plant transfer factor for Pb	8	-0.08	8	-0.08	11	0.11	11	0.09
Meat transfer factor for Pb	1	0.23	1	0.24	7	0.14	7	0.11
Milk transfer factor for Pb	18	-0.01	18	-0.01	6	0.14	6	0.11
Fish transfer factor for Pb	16	0.01	16	0.01	10	0.12	10	0.09
Plant transfer factor for Ra	6	-0.13	6	-0.13	8	-0.12	8	-0.09
Meat transfer factor for Ra	3	0.15	3	0.15	17	0.05	17	0.04
Milk transfer factor for Ra	14	0.04	14	0.04	13	0.08	13	0.06
Fish transfer factor for Ra	11	-0.05	11	-0.06	2	-0.32	2	-0.25
Well pumping rate	15	0.02	15	0.02	16	0.05	16	0.04
Mass loading for inhalation	12	-0.05	13	-0.05	21	-0.02	21	-0.01
Indoor dust filtration factor	2	0.16	2	0.15	4	0.16	4	0.12
Depth of soil mixing layer	9	0.08	9	0.08	5	-0.15	5	-0.11
Depth of roots	20	-0.01	20	-0.01	18	0.04	18	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	4	-0.14	15	-0.06	15	-0.05
Weathering removal constant of all vegetation	5	-0.13	5	-0.13	19	-0.03	19	-0.02
Wet foliar interception fraction of leafy vegetables	10	-0.07	10	-0.07	3	-0.24	3	-0.18
R-SQUARE		0.15		0.15		0.44		0.44

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Water Ingestion Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	15	0.05	13	0.06	12	-0.05	12	-0.04
Kd of Pb-210 in Unsaturated Zone 1	20	-0.01	20	-0.01	1	-0.46	1	-0.44
Kd of Pb-210 in Saturated Zone	22	0.00	22	0.00	6	-0.09	6	-0.08
Kd of Ra-226 in Contaminated Zone	17	-0.02	17	-0.03	8	0.08	8	0.07
Kd of Ra-226 in Unsaturated Zone 1	13	-0.06	14	-0.06	15	0.03	15	0.03
Kd of Ra-226 in Saturated Zone	21	-0.01	21	-0.01	20	0.00	20	0.00
Plant transfer factor for Pb	18	0.02	18	0.02	13	0.04	13	0.04
Meat transfer factor for Pb	6	-0.09	8	-0.09	17	-0.02	17	-0.02
Milk transfer factor for Pb	7	-0.09	6	-0.09	19	0.01	19	0.01
Fish transfer factor for Pb	4	0.14	4	0.14	10	0.06	10	0.06
Plant transfer factor for Ra	10	-0.08	11	-0.08	16	-0.03	16	-0.02
Meat transfer factor for Ra	5	-0.09	7	-0.09	7	-0.09	7	-0.07
Milk transfer factor for Ra	1	-0.18	1	-0.18	22	0.00	22	0.00
Fish transfer factor for Ra	11	-0.08	9	-0.08	9	0.07	9	0.06
Well pumping rate	9	-0.09	10	-0.08	11	-0.05	11	-0.04
Mass loading for inhalation	8	-0.09	5	-0.10	2	-0.20	2	-0.18
Indoor dust filtration factor	16	-0.05	16	-0.05	3	0.19	3	0.17
Depth of soil mixing layer	3	0.17	3	0.16	5	0.10	5	0.08
Depth of roots	14	0.06	15	0.06	14	-0.03	14	-0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	12	-0.07	12	-0.07	21	0.00	21	0.00
Weathering removal constant of all vegetation	19	0.02	19	0.02	18	0.02	18	0.02
Wet foliar interception fraction of leafy vegetables	2	0.18	2	0.18	4	0.12	4	0.10
R-SQUARE		0.16		0.16		0.28		0.28

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Fish Ingestion Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	14	0.03	13	0.03	7	-0.10	7	-0.08
Kd of Pb-210 in Unsaturated Zone 1	7	-0.09	7	-0.08	1	-0.50	1	-0.46
Kd of Pb-210 in Saturated Zone	17	0.02	17	0.02	22	0.00	22	0.00
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	14	-0.08	14	-0.06
Kd of Ra-226 in Unsaturated Zone 1	20	0.01	20	0.01	9	-0.10	9	-0.08
Kd of Ra-226 in Saturated Zone	19	-0.01	19	-0.01	13	-0.09	13	-0.07
Plant transfer factor for Pb	5	0.15	5	0.14	3	0.23	3	0.19
Meat transfer factor for Pb	4	0.19	3	0.17	5	-0.18	5	-0.14
Milk transfer factor for Pb	2	0.20	2	0.18	21	-0.02	21	-0.02
Fish transfer factor for Pb	1	0.37	1	0.37	16	-0.06	16	-0.05
Plant transfer factor for Ra	15	-0.03	15	-0.03	15	0.08	15	0.06
Meat transfer factor for Ra	21	0.00	21	0.00	10	0.09	10	0.07
Milk transfer factor for Ra	6	0.14	6	0.12	11	0.09	11	0.07
Fish transfer factor for Ra	12	-0.04	12	-0.03	6	-0.16	6	-0.13
Well pumping rate	16	0.02	16	0.02	18	-0.05	18	-0.04
Mass loading for inhalation	13	-0.03	14	-0.03	17	0.06	17	0.05
Indoor dust filtration factor	8	0.08	8	0.07	19	0.05	19	0.04
Depth of soil mixing layer	18	-0.02	18	-0.01	4	-0.22	4	-0.17
Depth of roots	3	0.19	4	0.17	2	0.30	2	0.25
Wet weight crop yield of fruit, grain and non-leafy vegetables	11	-0.04	11	-0.03	8	0.10	8	0.08
Weathering removal constant of all vegetation	9	-0.07	9	-0.06	20	-0.02	20	-0.02
Wet foliar interception fraction of leafy vegetables	10	-0.06	10	-0.05	12	-0.09	12	-0.07
R-SQUARE		0.30		0.30		0.39		0.39

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Fish Ingestion Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	20	-0.01	20	-0.01	12	-0.11	12	-0.08
Kd of Pb-210 in Unsaturated Zone 1	16	-0.02	16	-0.02	1	-0.56	1	-0.50
Kd of Pb-210 in Saturated Zone	7	-0.09	7	-0.09	20	-0.02	20	-0.01
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	14	-0.07	14	-0.05
Kd of Ra-226 in Unsaturated Zone 1	19	-0.01	19	-0.01	22	-0.01	22	-0.01
Kd of Ra-226 in Saturated Zone	14	-0.04	14	-0.05	9	0.12	9	0.09
Plant transfer factor for Pb	12	-0.05	12	-0.05	11	0.11	11	0.09
Meat transfer factor for Pb	1	0.25	1	0.26	7	0.14	7	0.11
Milk transfer factor for Pb	18	-0.01	18	-0.01	6	0.14	6	0.11
Fish transfer factor for Pb	15	0.02	15	0.02	10	0.12	10	0.09
Plant transfer factor for Ra	5	-0.14	5	-0.14	8	-0.12	8	-0.09
Meat transfer factor for Ra	4	0.15	2	0.15	17	0.05	17	0.04
Milk transfer factor for Ra	13	0.05	13	0.05	13	0.08	13	0.06
Fish transfer factor for Ra	10	-0.06	8	-0.08	2	-0.32	2	-0.25
Well pumping rate	17	0.02	17	0.02	16	0.05	16	0.04
Mass loading for inhalation	8	-0.07	9	-0.07	21	-0.02	21	-0.01
Indoor dust filtration factor	3	0.15	3	0.15	4	0.16	4	0.12
Depth of soil mixing layer	11	0.06	11	0.06	5	-0.15	5	-0.11
Depth of roots	21	0.00	21	0.00	18	0.04	18	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	2	-0.15	4	-0.14	15	-0.06	15	-0.05
Weathering removal constant of all vegetation	6	-0.12	6	-0.12	19	-0.03	19	-0.02
Wet foliar interception fraction of leafy vegetables	9	-0.07	10	-0.07	3	-0.24	3	-0.18
R-SQUARE		0.15		0.15		0.44		0.44

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Fish Ingestion Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	15	0.04	15	0.04	12	-0.05	12	-0.04
Kd of Pb-210 in Unsaturated Zone 1	18	-0.02	18	-0.02	1	-0.46	1	-0.44
Kd of Pb-210 in Saturated Zone	21	0.01	21	0.01	6	-0.09	6	-0.08
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	8	0.08	8	0.07
Kd of Ra-226 in Unsaturated Zone 1	20	-0.01	20	-0.01	15	0.03	15	0.03
Kd of Ra-226 in Saturated Zone	17	0.03	17	0.03	20	0.01	20	0.01
Plant transfer factor for Pb	6	0.11	7	0.10	13	0.04	13	0.04
Meat transfer factor for Pb	13	-0.05	13	-0.04	17	-0.02	17	-0.02
Milk transfer factor for Pb	8	-0.08	8	-0.07	19	0.01	19	0.01
Fish transfer factor for Pb	1	0.35	1	0.34	9	0.07	9	0.06
Plant transfer factor for Ra	14	-0.05	14	-0.04	16	-0.03	16	-0.03
Meat transfer factor for Ra	16	-0.03	16	-0.03	7	-0.09	7	-0.07
Milk transfer factor for Ra	3	-0.14	3	-0.13	21	0.00	21	0.00
Fish transfer factor for Ra	11	-0.05	11	-0.05	10	0.07	10	0.06
Well pumping rate	9	-0.07	9	-0.07	11	-0.05	11	-0.05
Mass loading for inhalation	7	-0.10	5	-0.11	2	-0.20	2	-0.18
Indoor dust filtration factor	5	-0.11	6	-0.10	3	0.19	3	0.16
Depth of soil mixing layer	2	0.21	2	0.19	5	0.10	5	0.09
Depth of roots	4	0.13	4	0.12	14	-0.03	14	-0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	19	0.01	19	0.01	22	0.00	22	0.00
Weathering removal constant of all vegetation	10	-0.07	10	-0.07	18	0.01	18	0.01
Wet foliar interception fraction of leafy vegetables	12	0.05	12	0.05	4	0.11	4	0.10
R-SQUARE		0.24		0.24		0.29		0.29

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Radon (WaterDep.) Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterDep.) Dose

Description of Probabilistic Variable	PCC Coefficient =	PCC Repetition = 2	SRC Coefficient =	SRC Repetition = 2	PRCC Coefficient =	PRCC Repetition = 2	SRRC Coefficient =	SRRC Repetition = 2
	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Pb-210 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Contaminated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Unsaturated Zone 1	0	0.00	0	0.00	0	0.00	0	0.00
Kd of Ra-226 in Saturated Zone	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Pb	0	0.00	0	0.00	0	0.00	0	0.00
Plant transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Meat transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Milk transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Fish transfer factor for Ra	0	0.00	0	0.00	0	0.00	0	0.00
Well pumping rate	0	0.00	0	0.00	0	0.00	0	0.00
Mass loading for inhalation	0	0.00	0	0.00	0	0.00	0	0.00
Indoor dust filtration factor	0	0.00	0	0.00	0	0.00	0	0.00
Depth of soil mixing layer	0	0.00	0	0.00	0	0.00	0	0.00
Depth of roots	0	0.00	0	0.00	0	0.00	0	0.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
Weathering removal constant of all vegetation	0	0.00	0	0.00	0	0.00	0	0.00
Wet foliar interception fraction of leafy vegetables	0	0.00	0	0.00	0	0.00	0	0.00
R-SQUARE		0.00		0.00		0.00		0.00

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Radon (WaterDep.) Dose

Description of Probabilistic Variable	PCC Coefficient =	PCC Sig	SRC Coefficient =	SRC Sig	PRCC Coefficient =	PRCC Sig	SRRC Coefficient =	SRRC Sig
	PCC Repetition = 3		SRC Repetition = 3		PRCC Repetition = 3		SRRC Repetition = 3	
Kd of Pb-210 in Contaminated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Pb-210 in Unsaturated Zone 1	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Pb-210 in Saturated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Ra-226 in Contaminated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Ra-226 in Unsaturated Zone 1	0.00	0	0.00	0	0.00	0	0.00	0
Kd of Ra-226 in Saturated Zone	0.00	0	0.00	0	0.00	0	0.00	0
Plant transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Meat transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Milk transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Fish transfer factor for Pb	0.00	0	0.00	0	0.00	0	0.00	0
Plant transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Meat transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Milk transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Fish transfer factor for Ra	0.00	0	0.00	0	0.00	0	0.00	0
Well pumping rate	0.00	0	0.00	0	0.00	0	0.00	0
Mass loading for inhalation	0.00	0	0.00	0	0.00	0	0.00	0
Indoor dust filtration factor	0.00	0	0.00	0	0.00	0	0.00	0
Depth of soil mixing layer	0.00	0	0.00	0	0.00	0	0.00	0
Depth of roots	0.00	0	0.00	0	0.00	0	0.00	0
Wet weight crop yield of fruit, grain and non-leafy vegetables	0.00	0	0.00	0	0.00	0	0.00	0
Weathering removal constant of all vegetation	0.00	0	0.00	0	0.00	0	0.00	0
Wet foliar interception fraction of leafy vegetables	0.00	0	0.00	0	0.00	0	0.00	0
R-SQUARE	0.00		0.00		0.00		0.00	

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	14	0.04	14	0.04	7	-0.10	7	-0.08
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.11	1	-0.50	1	-0.45
Kd of Pb-210 in Saturated Zone	20	-0.01	20	-0.01	22	0.00	22	0.00
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	14	-0.08	14	-0.06
Kd of Ra-226 in Unsaturated Zone 1	17	0.03	16	0.03	9	-0.10	9	-0.08
Kd of Ra-226 in Saturated Zone	12	-0.06	12	-0.06	13	-0.09	13	-0.07
Plant transfer factor for Pb	15	0.03	15	0.04	3	0.23	3	0.18
Meat transfer factor for Pb	3	0.18	2	0.18	5	-0.18	5	-0.14
Milk transfer factor for Pb	1	0.20	1	0.20	21	-0.02	21	-0.02
Fish transfer factor for Pb	21	0.00	21	0.00	16	-0.07	16	-0.05
Plant transfer factor for Ra	6	-0.10	7	-0.09	15	0.07	15	0.06
Meat transfer factor for Ra	13	-0.05	13	-0.05	11	0.09	11	0.07
Milk transfer factor for Ra	9	0.08	9	0.08	12	0.09	12	0.07
Fish transfer factor for Ra	7	-0.10	6	-0.10	6	-0.16	6	-0.13
Well pumping rate	8	0.09	8	0.09	18	-0.05	18	-0.04
Mass loading for inhalation	19	0.01	19	0.01	17	0.06	17	0.05
Indoor dust filtration factor	10	0.07	11	0.06	19	0.05	19	0.04
Depth of soil mixing layer	18	-0.02	18	-0.02	4	-0.22	4	-0.17
Depth of roots	2	0.18	3	0.18	2	0.30	2	0.25
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	-0.03	17	-0.03	8	0.10	8	0.08
Weathering removal constant of all vegetation	11	-0.07	10	-0.06	20	-0.02	20	-0.02
Wet foliar interception fraction of leafy vegetables	4	-0.11	4	-0.11	10	-0.09	10	-0.07
R-SQUARE		0.13		0.13		0.39		0.39

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Plant (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	12	-0.11	12	-0.08
Kd of Pb-210 in Unsaturated Zone 1	22	0.00	22	0.00	1	-0.56	1	-0.50
Kd of Pb-210 in Saturated Zone	7	-0.10	7	-0.11	20	-0.02	20	-0.01
Kd of Ra-226 in Contaminated Zone	20	0.01	20	0.01	14	-0.07	14	-0.05
Kd of Ra-226 in Unsaturated Zone 1	15	-0.02	15	-0.02	22	-0.01	22	-0.01
Kd of Ra-226 in Saturated Zone	12	-0.04	12	-0.06	9	0.12	9	0.09
Plant transfer factor for Pb	8	-0.10	8	-0.10	11	0.11	11	0.09
Meat transfer factor for Pb	1	0.23	1	0.23	7	0.14	7	0.11
Milk transfer factor for Pb	17	-0.01	17	-0.01	6	0.14	6	0.11
Fish transfer factor for Pb	18	0.01	18	0.01	10	0.12	10	0.09
Plant transfer factor for Ra	6	-0.12	6	-0.12	8	-0.12	8	-0.09
Meat transfer factor for Ra	3	0.15	3	0.15	17	0.05	17	0.04
Milk transfer factor for Ra	14	0.04	14	0.04	13	0.08	13	0.06
Fish transfer factor for Ra	11	-0.05	11	-0.06	2	-0.32	2	-0.25
Well pumping rate	16	0.02	16	0.02	16	0.05	16	0.04
Mass loading for inhalation	13	-0.04	13	-0.04	21	-0.02	21	-0.01
Indoor dust filtration factor	2	0.16	2	0.16	4	0.16	4	0.12
Depth of soil mixing layer	9	0.08	9	0.08	5	-0.15	5	-0.11
Depth of roots	19	-0.01	19	-0.01	18	0.04	18	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	4	-0.14	15	-0.06	15	-0.05
Weathering removal constant of all vegetation	5	-0.13	5	-0.13	19	-0.03	19	-0.02
Wet foliar interception fraction of leafy vegetables	10	-0.08	10	-0.08	3	-0.24	3	-0.18
R-SQUARE		0.14		0.14		0.44		0.44

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Plant (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	17	0.04	16	0.04	12	-0.05	12	-0.04
Kd of Pb-210 in Unsaturated Zone 1	20	-0.02	21	-0.02	1	-0.46	1	-0.44
Kd of Pb-210 in Saturated Zone	21	0.02	20	0.02	7	-0.09	7	-0.07
Kd of Ra-226 in Contaminated Zone	18	-0.02	18	-0.02	8	0.08	8	0.07
Kd of Ra-226 in Unsaturated Zone 1	15	-0.05	15	-0.04	15	0.03	15	0.03
Kd of Ra-226 in Saturated Zone	22	-0.01	22	-0.01	20	0.00	20	0.00
Plant transfer factor for Pb	13	0.07	13	0.07	13	0.05	13	0.04
Meat transfer factor for Pb	6	-0.09	7	-0.09	17	-0.02	17	-0.02
Milk transfer factor for Pb	8	-0.08	9	-0.08	19	0.01	19	0.01
Fish transfer factor for Pb	2	0.22	2	0.21	10	0.07	10	0.06
Plant transfer factor for Ra	11	-0.08	11	-0.07	16	-0.03	16	-0.02
Meat transfer factor for Ra	5	-0.10	5	-0.10	6	-0.09	6	-0.08
Milk transfer factor for Ra	3	-0.18	3	-0.17	22	0.00	22	0.00
Fish transfer factor for Ra	10	-0.08	10	-0.08	9	0.07	9	0.06
Well pumping rate	12	-0.08	12	-0.07	11	-0.05	11	-0.04
Mass loading for inhalation	9	-0.08	6	-0.09	2	-0.20	2	-0.18
Indoor dust filtration factor	16	-0.04	17	-0.04	3	0.19	3	0.17
Depth of soil mixing layer	1	0.23	1	0.22	5	0.10	5	0.09
Depth of roots	7	0.09	8	0.09	14	-0.03	14	-0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	14	-0.05	14	-0.05	21	0.00	21	0.00
Weathering removal constant of all vegetation	19	-0.02	19	-0.02	18	0.01	18	0.01
Wet foliar interception fraction of leafy vegetables	4	0.16	4	0.15	4	0.12	4	0.10
R-SQUARE		0.20		0.20		0.28		0.28

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Meat (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	13	0.04	13	0.04	8	-0.10	8	-0.08
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.10	1	-0.50	1	-0.45
Kd of Pb-210 in Saturated Zone	21	-0.01	21	-0.01	22	0.00	22	0.00
Kd of Ra-226 in Contaminated Zone	22	0.01	22	0.01	14	-0.08	14	-0.06
Kd of Ra-226 in Unsaturated Zone 1	15	0.03	15	0.03	9	-0.10	9	-0.08
Kd of Ra-226 in Saturated Zone	11	-0.06	11	-0.06	13	-0.09	13	-0.07
Plant transfer factor for Pb	20	0.01	20	0.01	3	0.23	3	0.18
Meat transfer factor for Pb	3	0.17	3	0.18	5	-0.18	5	-0.14
Milk transfer factor for Pb	1	0.20	1	0.20	21	-0.02	21	-0.02
Fish transfer factor for Pb	18	-0.02	18	-0.02	16	-0.07	16	-0.05
Plant transfer factor for Ra	6	-0.10	6	-0.10	15	0.07	15	0.06
Meat transfer factor for Ra	14	-0.03	14	-0.03	10	0.09	11	0.07
Milk transfer factor for Ra	8	0.09	8	0.09	12	0.09	12	0.07
Fish transfer factor for Ra	7	-0.09	7	-0.09	6	-0.16	6	-0.13
Well pumping rate	9	0.07	9	0.07	18	-0.05	18	-0.04
Mass loading for inhalation	16	0.03	16	0.02	17	0.06	17	0.05
Indoor dust filtration factor	12	0.04	12	0.04	19	0.05	19	0.04
Depth of soil mixing layer	17	-0.02	17	-0.02	4	-0.22	4	-0.17
Depth of roots	2	0.19	2	0.19	2	0.30	2	0.25
Wet weight crop yield of fruit, grain and non-leafy vegetables	19	-0.02	19	-0.01	7	0.10	7	0.08
Weathering removal constant of all vegetation	10	-0.06	10	-0.06	20	-0.02	20	-0.02
Wet foliar interception fraction of leafy vegetables	4	-0.13	4	-0.13	11	-0.09	10	-0.07
R-SQUARE		0.13		0.13		0.39		0.39

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	12	-0.11	12	-0.08
Kd of Pb-210 in Unsaturated Zone 1	20	-0.01	20	-0.01	1	-0.56	1	-0.50
Kd of Pb-210 in Saturated Zone	7	-0.10	7	-0.11	20	-0.02	20	-0.01
Kd of Ra-226 in Contaminated Zone	22	0.01	22	0.01	14	-0.07	14	-0.05
Kd of Ra-226 in Unsaturated Zone 1	16	-0.01	16	-0.01	22	-0.01	22	-0.01
Kd of Ra-226 in Saturated Zone	13	-0.04	12	-0.05	9	0.12	9	0.09
Plant transfer factor for Pb	8	-0.09	8	-0.09	11	0.11	11	0.09
Meat transfer factor for Pb	1	0.23	1	0.24	6	0.14	6	0.11
Milk transfer factor for Pb	18	-0.01	18	-0.01	7	0.14	7	0.11
Fish transfer factor for Pb	17	0.01	17	0.01	10	0.12	10	0.09
Plant transfer factor for Ra	6	-0.12	6	-0.12	8	-0.12	8	-0.09
Meat transfer factor for Ra	3	0.15	3	0.15	17	0.05	17	0.04
Milk transfer factor for Ra	14	0.04	14	0.04	13	0.08	13	0.06
Fish transfer factor for Ra	11	-0.05	11	-0.06	2	-0.32	2	-0.25
Well pumping rate	15	0.02	15	0.02	16	0.05	16	0.04
Mass loading for inhalation	12	-0.05	13	-0.05	21	-0.02	21	-0.01
Indoor dust filtration factor	2	0.16	2	0.16	4	0.16	4	0.12
Depth of soil mixing layer	9	0.08	9	0.08	5	-0.15	5	-0.11
Depth of roots	19	-0.01	19	-0.01	18	0.04	18	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	4	-0.14	15	-0.06	15	-0.05
Weathering removal constant of all vegetation	5	-0.13	5	-0.13	19	-0.03	19	-0.02
Wet foliar interception fraction of leafy vegetables	10	-0.07	10	-0.08	3	-0.23	3	-0.18
R-SQUARE		0.14		0.14		0.44		0.44

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Meat (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	12	0.07	9	0.08	12	-0.05	12	-0.04
Kd of Pb-210 in Unsaturated Zone 1	18	-0.01	18	-0.01	1	-0.46	1	-0.44
Kd of Pb-210 in Saturated Zone	22	-0.01	22	-0.01	6	-0.09	6	-0.08
Kd of Ra-226 in Contaminated Zone	17	-0.02	17	-0.02	8	0.08	8	0.07
Kd of Ra-226 in Unsaturated Zone 1	16	-0.06	16	-0.06	15	0.03	15	0.03
Kd of Ra-226 in Saturated Zone	19	0.01	19	0.01	20	0.01	20	0.01
Plant transfer factor for Pb	21	0.01	21	0.01	13	0.04	13	0.04
Meat transfer factor for Pb	11	-0.08	12	-0.08	17	-0.02	17	-0.02
Milk transfer factor for Pb	7	-0.10	6	-0.10	19	0.01	19	0.01
Fish transfer factor for Pb	1	0.19	2	0.19	10	0.07	10	0.06
Plant transfer factor for Ra	9	-0.08	11	-0.08	16	-0.03	16	-0.02
Meat transfer factor for Ra	14	-0.07	14	-0.06	7	-0.08	7	-0.07
Milk transfer factor for Ra	2	-0.19	1	-0.19	22	0.00	22	0.00
Fish transfer factor for Ra	10	-0.08	10	-0.08	9	0.07	9	0.06
Well pumping rate	6	-0.10	7	-0.10	11	-0.05	11	-0.04
Mass loading for inhalation	5	-0.11	5	-0.13	2	-0.20	2	-0.18
Indoor dust filtration factor	8	-0.10	8	-0.09	3	0.19	3	0.16
Depth of soil mixing layer	4	0.15	4	0.14	5	0.10	5	0.08
Depth of roots	13	0.07	13	0.06	14	-0.03	14	-0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	15	-0.06	15	-0.06	21	0.00	21	0.00
Weathering removal constant of all vegetation	20	0.01	20	0.01	18	0.02	18	0.01
Wet foliar interception fraction of leafy vegetables	3	0.16	3	0.16	4	0.11	4	0.10
R-SQUARE		0.18		0.18		0.28		0.28

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Milk (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	13	0.04	13	0.04	7	-0.10	7	-0.08
Kd of Pb-210 in Unsaturated Zone 1	5	-0.11	5	-0.10	1	-0.50	1	-0.45
Kd of Pb-210 in Saturated Zone	20	-0.01	20	-0.01	22	0.00	22	0.00
Kd of Ra-226 in Contaminated Zone	22	0.01	22	0.01	14	-0.08	14	-0.06
Kd of Ra-226 in Unsaturated Zone 1	17	0.02	15	0.03	9	-0.10	9	-0.08
Kd of Ra-226 in Saturated Zone	10	-0.06	10	-0.06	13	-0.09	13	-0.07
Plant transfer factor for Pb	21	0.01	21	0.01	3	0.23	3	0.18
Meat transfer factor for Pb	3	0.17	3	0.18	5	-0.18	5	-0.14
Milk transfer factor for Pb	1	0.20	1	0.20	21	-0.02	21	-0.02
Fish transfer factor for Pb	16	-0.03	16	-0.03	16	-0.07	16	-0.05
Plant transfer factor for Ra	6	-0.10	6	-0.10	15	0.07	15	0.06
Meat transfer factor for Ra	14	-0.03	14	-0.03	11	0.09	11	0.07
Milk transfer factor for Ra	8	0.09	8	0.09	12	0.09	12	0.07
Fish transfer factor for Ra	7	-0.10	7	-0.09	6	-0.16	6	-0.13
Well pumping rate	9	0.07	9	0.07	18	-0.05	18	-0.04
Mass loading for inhalation	15	0.03	17	0.03	17	0.06	17	0.05
Indoor dust filtration factor	12	0.04	12	0.04	19	0.05	19	0.04
Depth of soil mixing layer	18	-0.02	18	-0.02	4	-0.22	4	-0.17
Depth of roots	2	0.19	2	0.19	2	0.30	2	0.25
Wet weight crop yield of fruit, grain and non-leafy vegetables	19	-0.01	19	-0.01	8	0.10	8	0.08
Weathering removal constant of all vegetation	11	-0.06	11	-0.06	20	-0.02	20	-0.02
Wet foliar interception fraction of leafy vegetables	4	-0.13	4	-0.13	10	-0.09	10	-0.07
R-SQUARE		0.13		0.13		0.39		0.39

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Milk (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	12	-0.11	12	-0.08
Kd of Pb-210 in Unsaturated Zone 1	18	-0.01	17	-0.01	1	-0.56	1	-0.50
Kd of Pb-210 in Saturated Zone	7	-0.10	7	-0.10	20	-0.02	20	-0.01
Kd of Ra-226 in Contaminated Zone	22	0.00	22	0.00	14	-0.07	14	-0.05
Kd of Ra-226 in Unsaturated Zone 1	17	-0.01	18	-0.01	22	-0.01	22	-0.01
Kd of Ra-226 in Saturated Zone	14	-0.04	13	-0.05	9	0.12	9	0.09
Plant transfer factor for Pb	8	-0.08	8	-0.08	11	0.11	11	0.09
Meat transfer factor for Pb	1	0.24	1	0.25	7	0.14	7	0.11
Milk transfer factor for Pb	19	-0.01	19	-0.01	6	0.14	6	0.11
Fish transfer factor for Pb	15	0.02	15	0.02	10	0.12	10	0.09
Plant transfer factor for Ra	5	-0.13	5	-0.13	8	-0.12	8	-0.09
Meat transfer factor for Ra	3	0.15	3	0.15	17	0.05	17	0.04
Milk transfer factor for Ra	13	0.04	14	0.04	13	0.08	13	0.06
Fish transfer factor for Ra	12	-0.06	11	-0.07	2	-0.32	2	-0.25
Well pumping rate	16	0.02	16	0.02	16	0.05	16	0.04
Mass loading for inhalation	11	-0.06	12	-0.06	21	-0.02	21	-0.01
Indoor dust filtration factor	2	0.15	2	0.15	4	0.16	4	0.12
Depth of soil mixing layer	9	0.07	10	0.07	5	-0.15	5	-0.11
Depth of roots	20	-0.01	20	-0.01	18	0.04	18	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.14	4	-0.14	15	-0.06	15	-0.05
Weathering removal constant of all vegetation	6	-0.13	6	-0.13	19	-0.03	19	-0.02
Wet foliar interception fraction of leafy vegetables	10	-0.07	9	-0.07	3	-0.24	3	-0.18
R-SQUARE		0.15		0.15		0.44		0.44

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Milk (WaterDep.) Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	21	-0.01	21	-0.01	12	-0.05	12	-0.04
Kd of Pb-210 in Unsaturated Zone 1	20	-0.01	20	-0.01	1	-0.46	1	-0.44
Kd of Pb-210 in Saturated Zone	16	0.03	17	0.03	7	-0.09	7	-0.07
Kd of Ra-226 in Contaminated Zone	17	-0.03	16	-0.03	8	0.08	8	0.07
Kd of Ra-226 in Unsaturated Zone 1	15	-0.04	15	-0.04	15	0.03	15	0.03
Kd of Ra-226 in Saturated Zone	13	-0.05	13	-0.05	20	0.00	20	0.00
Plant transfer factor for Pb	6	0.07	6	0.07	13	0.05	13	0.04
Meat transfer factor for Pb	5	-0.09	5	-0.09	17	-0.02	17	-0.02
Milk transfer factor for Pb	14	-0.04	14	-0.04	19	0.01	19	0.01
Fish transfer factor for Pb	11	0.05	11	0.05	10	0.07	10	0.06
Plant transfer factor for Ra	9	-0.06	10	-0.06	16	-0.03	16	-0.02
Meat transfer factor for Ra	3	-0.13	3	-0.13	6	-0.09	6	-0.08
Milk transfer factor for Ra	4	-0.12	4	-0.12	22	0.00	22	0.00
Fish transfer factor for Ra	10	-0.06	8	-0.07	9	0.07	9	0.06
Well pumping rate	18	-0.02	18	-0.02	11	-0.05	11	-0.04
Mass loading for inhalation	19	-0.01	19	-0.02	2	-0.20	2	-0.18
Indoor dust filtration factor	8	0.06	9	0.06	3	0.19	3	0.17
Depth of soil mixing layer	1	0.22	1	0.21	5	0.10	5	0.09
Depth of roots	12	0.05	12	0.05	14	-0.03	14	-0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	7	-0.07	7	-0.07	21	0.00	21	0.00
Weathering removal constant of all vegetation	22	0.00	22	0.00	18	0.01	18	0.01
Wet foliar interception fraction of leafy vegetables	2	0.16	2	0.16	4	0.12	4	0.10
R-SQUARE		0.13		0.13		0.28		0.28

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Pb-210 Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	11	0.08	11	0.04	14	0.07	14	0.02
Kd of Pb-210 in Unsaturated Zone 1	17	0.06	17	0.03	4	-0.21	4	-0.08
Kd of Pb-210 in Saturated Zone	18	0.04	18	0.02	8	-0.12	8	-0.04
Kd of Ra-226 in Contaminated Zone	13	0.08	13	0.04	19	-0.02	19	-0.01
Kd of Ra-226 in Unsaturated Zone 1	15	-0.07	14	-0.03	15	0.07	15	0.02
Kd of Ra-226 in Saturated Zone	6	0.19	6	0.09	18	0.03	18	0.01
Plant transfer factor for Pb	1	0.79	1	0.63	2	0.74	2	0.39
Meat transfer factor for Pb	12	-0.08	12	-0.04	9	-0.12	9	-0.04
Milk transfer factor for Pb	22	0.01	22	0.00	20	0.02	20	0.01
Fish transfer factor for Pb	3	0.35	3	0.18	13	-0.08	13	-0.03
Plant transfer factor for Ra	10	-0.15	10	-0.07	17	-0.05	17	-0.02
Meat transfer factor for Ra	5	0.19	5	0.10	7	0.14	7	0.05
Milk transfer factor for Ra	19	0.04	19	0.02	21	-0.01	21	0.00
Fish transfer factor for Ra	20	0.03	20	0.01	16	-0.05	16	-0.02
Well pumping rate	7	-0.18	7	-0.09	11	-0.09	11	-0.03
Mass loading for inhalation	16	-0.07	16	-0.03	12	-0.09	12	-0.03
Indoor dust filtration factor	8	-0.17	9	-0.08	22	0.00	22	0.00
Depth of soil mixing layer	4	0.25	4	0.12	3	0.25	3	0.09
Depth of roots	2	0.71	2	0.47	1	0.92	1	0.83
Wet weight crop yield of fruit, grain and non-leafy vegetables	21	0.03	21	0.01	6	-0.14	6	-0.05
Weathering removal constant of all vegetation	9	-0.17	8	-0.08	5	-0.16	5	-0.06
Wet foliar interception fraction of leafy vegetables	14	-0.07	15	-0.03	10	-0.10	10	-0.04
R-SQUARE		0.80		0.80		0.88		0.88

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Coefficients for peak Pb-210 Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	19	0.05	18	0.02	17	0.03	17	0.01
Kd of Pb-210 in Unsaturated Zone 1	4	-0.21	4	-0.08	5	-0.18	5	-0.07
Kd of Pb-210 in Saturated Zone	12	0.08	12	0.03	16	0.03	16	0.01
Kd of Ra-226 in Contaminated Zone	5	-0.19	5	-0.08	9	0.08	9	0.03
Kd of Ra-226 in Unsaturated Zone 1	6	0.15	6	0.06	13	0.06	13	0.02
Kd of Ra-226 in Saturated Zone	22	0.00	22	0.00	14	0.04	14	0.01
Plant transfer factor for Pb	1	0.90	1	0.80	2	0.73	2	0.39
Meat transfer factor for Pb	18	-0.05	19	-0.02	20	0.01	20	0.00
Milk transfer factor for Pb	16	0.06	16	0.02	7	0.12	7	0.04
Fish transfer factor for Pb	11	-0.09	11	-0.03	3	0.18	3	0.07
Plant transfer factor for Ra	7	-0.14	7	-0.05	10	0.07	10	0.03
Meat transfer factor for Ra	15	0.07	15	0.03	6	0.15	6	0.06
Milk transfer factor for Ra	20	-0.04	20	-0.02	12	-0.06	12	-0.02
Fish transfer factor for Ra	21	-0.02	21	-0.01	18	-0.02	18	-0.01
Well pumping rate	3	-0.31	3	-0.12	15	-0.04	15	-0.01
Mass loading for inhalation	9	-0.11	9	-0.04	21	0.01	21	0.00
Indoor dust filtration factor	14	-0.07	14	-0.03	4	-0.18	4	-0.07
Depth of soil mixing layer	17	0.05	17	0.02	8	0.09	8	0.03
Depth of roots	2	0.78	2	0.48	1	0.92	1	0.85
Wet weight crop yield of fruit, grain and non-leafy vegetables	8	-0.13	8	-0.05	22	0.00	22	0.00
Weathering removal constant of all vegetation	10	0.10	10	0.04	11	0.06	11	0.02
Wet foliar interception fraction of leafy vegetables	13	-0.08	13	-0.03	19	-0.01	19	-0.01
R-SQUARE		0.87		0.87		0.87		0.87

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Pb-210 Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	13	-0.06	12	-0.04	6	-0.18	6	-0.06
Kd of Pb-210 in Unsaturated Zone 1	16	0.05	16	0.02	14	0.10	14	0.03
Kd of Pb-210 in Saturated Zone	4	-0.14	4	-0.07	4	-0.21	4	-0.07
Kd of Ra-226 in Contaminated Zone	21	0.01	20	0.01	16	-0.09	16	-0.03
Kd of Ra-226 in Unsaturated Zone 1	17	-0.02	17	-0.01	11	-0.13	11	-0.04
Kd of Ra-226 in Saturated Zone	14	0.05	15	0.03	5	0.20	5	0.07
Plant transfer factor for Pb	1	0.82	1	0.70	2	0.75	2	0.38
Meat transfer factor for Pb	18	0.02	18	0.01	15	0.09	15	0.03
Milk transfer factor for Pb	7	0.11	7	0.06	21	-0.03	21	-0.01
Fish transfer factor for Pb	10	0.08	10	0.04	19	-0.05	19	-0.02
Plant transfer factor for Ra	19	0.02	19	0.01	3	0.30	3	0.10
Meat transfer factor for Ra	5	0.14	5	0.07	17	0.05	17	0.02
Milk transfer factor for Ra	22	0.01	22	0.00	18	0.05	18	0.02
Fish transfer factor for Ra	15	0.05	14	0.03	9	0.14	9	0.05
Well pumping rate	6	-0.12	6	-0.06	12	0.11	12	0.03
Mass loading for inhalation	8	-0.09	8	-0.05	22	-0.02	22	-0.01
Indoor dust filtration factor	11	0.08	11	0.04	20	0.04	20	0.01
Depth of soil mixing layer	20	0.01	21	0.01	7	0.16	7	0.05
Depth of roots	2	0.69	2	0.45	1	0.93	1	0.83
Wet weight crop yield of fruit, grain and non-leafy vegetables	12	-0.06	13	-0.03	10	-0.14	10	-0.05
Weathering removal constant of all vegetation	3	0.17	3	0.09	8	0.15	8	0.05
Wet foliar interception fraction of leafy vegetables	9	-0.09	9	-0.04	13	-0.10	13	-0.03
R-SQUARE		0.78		0.78		0.89		0.89

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Ra-226 Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	1		1		1		1	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	17	0.07	18	0.03	7	0.10	7	0.05
Kd of Pb-210 in Unsaturated Zone 1	12	0.09	12	0.03	16	-0.04	16	-0.02
Kd of Pb-210 in Saturated Zone	21	-0.05	21	-0.02	4	-0.22	4	-0.10
Kd of Ra-226 in Contaminated Zone	18	0.07	17	0.03	6	0.12	6	0.05
Kd of Ra-226 in Unsaturated Zone 1	9	0.11	9	0.04	12	0.06	12	0.03
Kd of Ra-226 in Saturated Zone	8	0.14	8	0.05	11	0.07	11	0.03
Plant transfer factor for Pb	3	0.64	3	0.30	3	0.52	3	0.27
Meat transfer factor for Pb	19	-0.07	19	-0.02	9	-0.08	9	-0.03
Milk transfer factor for Pb	5	-0.19	5	-0.07	15	-0.05	15	-0.02
Fish transfer factor for Pb	4	0.38	4	0.14	18	-0.01	18	-0.01
Plant transfer factor for Ra	1	0.90	1	0.68	2	0.76	2	0.51
Meat transfer factor for Ra	6	0.16	6	0.06	19	0.01	19	0.00
Milk transfer factor for Ra	20	0.06	20	0.02	21	-0.01	21	0.00
Fish transfer factor for Ra	13	0.09	13	0.03	22	0.00	22	0.00
Well pumping rate	16	-0.08	16	-0.03	13	0.06	13	0.03
Mass loading for inhalation	11	0.10	11	0.03	17	0.03	17	0.01
Indoor dust filtration factor	10	-0.11	10	-0.04	20	0.01	20	0.00
Depth of soil mixing layer	15	0.08	15	0.03	10	0.08	10	0.03
Depth of roots	2	0.83	2	0.50	1	0.84	1	0.69
Wet weight crop yield of fruit, grain and non-leafy vegetables	22	-0.05	22	-0.02	5	-0.12	5	-0.05
Weathering removal constant of all vegetation	7	-0.14	7	-0.05	8	-0.09	8	-0.04
Wet foliar interception fraction of leafy vegetables	14	-0.08	14	-0.03	14	-0.05	14	-0.02
R-SQUARE		0.90		0.90		0.81		0.81

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Ra-226 Dose

Coefficient =	PCC		SRC		PRCC		SRRC	
Repetition =	2		2		2		2	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	7	-0.17	7	-0.05	22	0.00	22	0.00
Kd of Pb-210 in Unsaturated Zone 1	13	-0.09	13	-0.02	16	-0.05	16	-0.02
Kd of Pb-210 in Saturated Zone	21	-0.03	21	-0.01	9	0.11	9	0.04
Kd of Ra-226 in Contaminated Zone	12	-0.10	12	-0.02	6	0.20	6	0.08
Kd of Ra-226 in Unsaturated Zone 1	19	0.04	19	0.01	15	0.06	15	0.02
Kd of Ra-226 in Saturated Zone	9	0.15	6	0.05	13	0.09	13	0.03
Plant transfer factor for Pb	3	0.74	3	0.27	3	0.55	3	0.25
Meat transfer factor for Pb	5	-0.24	5	-0.06	10	0.11	10	0.04
Milk transfer factor for Pb	20	-0.04	20	-0.01	19	0.03	19	0.01
Fish transfer factor for Pb	22	-0.02	22	0.00	14	0.08	14	0.03
Plant transfer factor for Ra	1	0.95	1	0.76	2	0.78	2	0.48
Meat transfer factor for Ra	17	0.05	17	0.01	5	0.21	5	0.08
Milk transfer factor for Ra	10	-0.13	10	-0.03	4	-0.23	4	-0.09
Fish transfer factor for Ra	4	-0.24	4	-0.07	11	-0.11	11	-0.04
Well pumping rate	14	-0.09	14	-0.02	21	-0.01	21	0.00
Mass loading for inhalation	16	-0.07	16	-0.02	8	0.11	8	0.04
Indoor dust filtration factor	15	0.08	15	0.02	18	-0.04	18	-0.02
Depth of soil mixing layer	8	0.16	9	0.04	17	0.04	17	0.02
Depth of roots	2	0.83	2	0.36	1	0.89	1	0.74
Wet weight crop yield of fruit, grain and non-leafy vegetables	6	-0.18	8	-0.04	12	-0.09	12	-0.04
Weathering removal constant of all vegetation	11	0.11	11	0.03	7	0.12	7	0.05
Wet foliar interception fraction of leafy vegetables	18	-0.04	18	-0.01	20	0.01	20	0.01
R-SQUARE		0.95		0.95		0.85		0.85

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.

Title : Hematite - Deep Ra-226+C CSM Sensitivity Analysis
Input File : C:\RESRAD_FAMILY\RESRAD\USERFILES\HEMATITE - DEEP RA-226+C CSM SA.RAD

Coefficients for peak Ra-226 Dose

	PCC		SRC		PRCC		SRRC	
Coefficient =								
Repetition =	3		3		3		3	
Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Kd of Pb-210 in Contaminated Zone	19	-0.02	17	-0.01	11	-0.11	11	-0.04
Kd of Pb-210 in Unsaturated Zone 1	17	0.02	18	0.01	18	0.05	18	0.02
Kd of Pb-210 in Saturated Zone	16	0.03	16	0.01	7	-0.14	7	-0.05
Kd of Ra-226 in Contaminated Zone	9	-0.09	6	-0.03	15	-0.07	15	-0.02
Kd of Ra-226 in Unsaturated Zone 1	22	0.00	22	0.00	13	-0.09	13	-0.03
Kd of Ra-226 in Saturated Zone	10	-0.08	11	-0.03	12	0.10	12	0.04
Plant transfer factor for Pb	3	0.75	3	0.34	3	0.63	3	0.29
Meat transfer factor for Pb	12	-0.07	12	-0.02	5	0.16	5	0.06
Milk transfer factor for Pb	7	0.10	7	0.03	10	-0.11	10	-0.04
Fish transfer factor for Pb	8	0.10	9	0.03	17	0.06	17	0.02
Plant transfer factor for Ra	1	0.93	1	0.78	2	0.83	2	0.54
Meat transfer factor for Ra	5	0.12	5	0.04	6	0.15	6	0.06
Milk transfer factor for Ra	18	0.02	19	0.01	9	0.12	9	0.04
Fish transfer factor for Ra	15	0.04	15	0.01	22	0.00	22	0.00
Well pumping rate	14	-0.06	14	-0.02	20	0.01	20	0.01
Mass loading for inhalation	11	-0.08	10	-0.03	19	0.04	19	0.02
Indoor dust filtration factor	4	0.14	4	0.04	16	0.07	16	0.02
Depth of soil mixing layer	21	-0.01	21	0.00	21	0.00	21	0.00
Depth of roots	2	0.84	2	0.47	1	0.88	1	0.68
Wet weight crop yield of fruit, grain and non-leafy vegetables	20	0.01	20	0.00	8	-0.12	8	-0.05
Weathering removal constant of all vegetation	6	0.10	8	0.03	4	0.17	4	0.06
Wet foliar interception fraction of leafy vegetables	13	-0.07	13	-0.02	14	-0.07	14	-0.03
R-SQUARE		0.91		0.91		0.87		0.87

-Rank is set to zero if the dose is zero or the correlation matrix is singular.
-R-SQUARE varies between 0 and 1 and is called the coefficient of determination; it provides a measure of the variation in the dependent variable (Dose) explained by regression on the independent variables.