

Probabilistic results summary : RESRAD Default Parameters

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Probabilistic Input

Number of Sample Runs: 3000

Number	Name	Distribution	Parameters																	
1	VCZ	CONTINUOUS LOGARITHMIC4	5.E-8	0	.0007	.22	.005	.95	.2	1										
2	BCZ	BOUNDED LOGNORMAL-N	1.28	.334	1.28	10.1														
3	EVAPTR	UNIFORM	.5	.99																
4	WIND	UNIFORM	2.8	4.7																
5	RUNOFF	UNIFORM	.1	.8																
6	BUZ(1)	BOUNDED LOGNORMAL-N	1.28	.334	1.28	10.1														
7	MLINH	CONTINUOUS LINEAR	8	0	0	.000008	.0151	.000016	.1365	.00003	.8119	.00004	.9495	.00006	.9937	.000076	.9983	.0001	1	
8	SHF3	UNIFORM	.15	.95																
9	DM	TRIANGULAR	0	.15	.6															
10	DROOT	UNIFORM	.3	4																
11	YV(1)	TRUNCATED LOGNORMAL-N	.56	.48	.001	.999														
12	WLAM	TRIANGULAR	5.1	18	84															
13	RWET(2)	TRIANGULAR	.06	.67	.95															
14	HUMID	TRUNCATED LOGNORMAL-N	1.98	.334	.001	.999														
15	VCV	CONTINUOUS LOGARITHMIC4	5.E-8	0	.0007	.22	.005	.95	.2	1										
16	DCACTC(1)	LOGNORMAL-N	5.77	.0001																
17	DCACTS(1)	LOGNORMAL-N	5.77	.0001																
18	DWIBWT	CONTINUOUS LINEAR	6	5	0	24	.29	43	.66	53	.68	76	.95	89	1					

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Probabilistic Total Dose Summary

Nuclide (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
Fe-55										
Min	0.00E+00	2.57E-07	2.57E-07	2.04E-07	1.26E-07	1.80E-08	2.69E-11	4.21E-19	0.00E+00	0.00E+00
Max	9.31E+00	8.35E-06	7.87E-06	6.06E-06	3.59E-06	2.72E-06	3.45E-08	2.22E-16	0.00E+00	0.00E+00
Avg	4.07E-02	2.17E-06	2.16E-06	1.66E-06	9.98E-07	1.72E-07	9.95E-10	1.43E-17	0.00E+00	0.00E+00
Std	5.01E-01	1.16E-06	1.15E-06	8.83E-07	5.25E-07	1.41E-07	9.68E-10	9.34E-18	0.00E+00	0.00E+00
ALL										
Min	0.00E+00	2.57E-07	2.57E-07	2.04E-07	1.26E-07	1.80E-08	2.69E-11	4.21E-19	0.00E+00	0.00E+00
Max	9.31E+00	8.35E-06	7.87E-06	6.06E-06	3.59E-06	2.72E-06	3.45E-08	2.22E-16	0.00E+00	0.00E+00
Avg	4.07E-02	2.17E-06	2.16E-06	1.66E-06	9.98E-07	1.72E-07	9.95E-10	1.43E-17	0.00E+00	0.00E+00
Std	5.01E-01	1.16E-06	1.15E-06	8.83E-07	5.25E-07	1.41E-07	9.68E-10	9.34E-18	0.00E+00	0.00E+00

ALL is total dose summed for all nuclides.

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Probabilistic Risk Summary

Nuclide	RISK(j,t)							
	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
Fe-55								
Min	1.26E-11	1.00E-11	6.22E-12	9.31E-13	1.37E-15	2.14E-23	0.00E+00	0.00E+00
Max	4.47E-10	3.44E-10	2.04E-10	1.79E-10	2.25E-12	1.44E-20	0.00E+00	0.00E+00
Avg	1.26E-10	9.75E-11	5.83E-11	1.01E-11	5.70E-14	7.78E-22	0.00E+00	0.00E+00
Std	6.72E-11	5.16E-11	3.06E-11	9.00E-12	6.16E-14	5.53E-22	0.00E+00	0.00E+00
ALL								
Min	1.26E-11	1.00E-11	6.22E-12	9.31E-13	1.37E-15	2.14E-23	0.00E+00	0.00E+00
Max	4.47E-10	3.44E-10	2.04E-10	1.79E-10	2.25E-12	1.44E-20	0.00E+00	0.00E+00
Avg	1.26E-10	9.75E-11	5.83E-11	1.01E-11	5.70E-14	7.78E-22	0.00E+00	0.00E+00
Std	6.72E-11	5.16E-11	3.06E-11	9.00E-12	6.16E-14	5.53E-22	0.00E+00	0.00E+00

ALL is total risk summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Ground External

Nuclide	DOSE(i,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
<hr/>								
Fe-55								
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
<hr/>								
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
<hr/>								

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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Probabilistic Dose vs Pathway(i): Inhalation (w/o Radon)

Nuclide	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
Fe-55								
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	2.79E-10	8.24E-10	5.31E-12	3.01E-20	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	1.49E-13	2.08E-12	1.15E-14	6.70E-23	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	5.92E-12	2.82E-11	1.46E-13	8.87E-22	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	2.79E-10	8.24E-10	5.31E-12	3.01E-20	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	1.49E-13	2.08E-12	1.15E-14	6.70E-23	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	5.92E-12	2.82E-11	1.46E-13	8.87E-22	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

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Probabilistic Dose vs Pathway(i): Radon (Water Ind.)

Nuclide	DOSE(i,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
Fe-55								
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

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Probabilistic Dose vs Pathway(i): Plant (Water Ind.)

Nuclide	DOSE(i,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
Fe-55								
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	2.94E-06	2.27E-06	2.08E-06	5.59E-07	2.82E-09	3.39E-17	0.00E+00	0.00E+00
Avg	1.14E-06	8.73E-07	5.14E-07	7.85E-08	3.71E-10	3.34E-18	0.00E+00	0.00E+00
Std	7.73E-07	5.90E-07	3.49E-07	5.44E-08	2.82E-10	3.78E-18	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	2.94E-06	2.27E-06	2.08E-06	5.59E-07	2.82E-09	3.39E-17	0.00E+00	0.00E+00
Avg	1.14E-06	8.73E-07	5.14E-07	7.85E-08	3.71E-10	3.34E-18	0.00E+00	0.00E+00
Std	7.73E-07	5.90E-07	3.49E-07	5.44E-08	2.82E-10	3.78E-18	0.00E+00	0.00E+00

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Probabilistic Dose vs Pathway(i): Meat (Water Ind.)

Nuclide	DOSE(i,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
Fe-55								
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	1.67E-07	1.29E-07	1.46E-06	2.16E-06	3.00E-08	1.90E-16	0.00E+00	0.00E+00
Avg	6.50E-08	4.97E-08	3.01E-08	1.27E-08	8.02E-11	5.95E-19	0.00E+00	0.00E+00
Std	4.40E-08	3.36E-08	3.88E-08	9.65E-08	7.38E-10	5.14E-18	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	1.67E-07	1.29E-07	1.46E-06	2.16E-06	3.00E-08	1.90E-16	0.00E+00	0.00E+00
Avg	6.50E-08	4.97E-08	3.01E-08	1.27E-08	8.02E-11	5.95E-19	0.00E+00	0.00E+00
Std	4.40E-08	3.36E-08	3.88E-08	9.65E-08	7.38E-10	5.14E-18	0.00E+00	0.00E+00

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Probabilistic Dose vs Pathway(i): Milk (Water Ind.)

Nuclide	DOSE(i,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
Fe-55								
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	1.69E-08	1.31E-08	7.03E-08	9.38E-08	1.30E-09	8.27E-18	0.00E+00	0.00E+00
Avg	6.58E-09	5.03E-09	3.00E-09	8.09E-10	4.70E-12	3.68E-20	0.00E+00	0.00E+00
Std	4.45E-09	3.40E-09	2.56E-09	4.20E-09	3.21E-11	2.25E-19	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	1.69E-08	1.31E-08	7.03E-08	9.38E-08	1.30E-09	8.27E-18	0.00E+00	0.00E+00
Avg	6.58E-09	5.03E-09	3.00E-09	8.09E-10	4.70E-12	3.68E-20	0.00E+00	0.00E+00
Std	4.45E-09	3.40E-09	2.56E-09	4.20E-09	3.21E-11	2.25E-19	0.00E+00	0.00E+00

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Probabilistic Dose vs Pathway(i): Soil Ingestion

Nuclide	DOSE(i,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
<hr/>								
Fe-55								
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	1.14E-07	1.57E-07	2.18E-09	1.38E-17	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	6.92E-11	5.99E-10	4.30E-12	2.95E-20	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	2.68E-09	6.99E-09	5.36E-11	3.73E-19	0.00E+00	0.00E+00
<hr/>								
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	1.14E-07	1.57E-07	2.18E-09	1.38E-17	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	6.92E-11	5.99E-10	4.30E-12	2.95E-20	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	2.68E-09	6.99E-09	5.36E-11	3.73E-19	0.00E+00	0.00E+00
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Probabilistic Dose vs Pathway(i): Water Ingestion

Nuclide	DOSE(i,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
<hr/>								
Fe-55								
Min	2.29E-07	1.78E-07	1.08E-07	1.43E-08	2.27E-11	3.56E-19	0.00E+00	0.00E+00
Max	4.02E-06	3.10E-06	1.85E-06	3.04E-07	1.75E-09	2.63E-17	0.00E+00	0.00E+00
Avg	8.26E-07	6.46E-07	3.95E-07	6.99E-08	4.69E-10	9.00E-18	0.00E+00	0.00E+00
Std	7.06E-07	5.47E-07	3.28E-07	5.49E-08	3.36E-10	5.75E-18	0.00E+00	0.00E+00
<hr/>								
ALL								
Min	2.29E-07	1.78E-07	1.08E-07	1.43E-08	2.27E-11	3.56E-19	0.00E+00	0.00E+00
Max	4.02E-06	3.10E-06	1.85E-06	3.04E-07	1.75E-09	2.63E-17	0.00E+00	0.00E+00
Avg	8.26E-07	6.46E-07	3.95E-07	6.99E-08	4.69E-10	9.00E-18	0.00E+00	0.00E+00
Std	7.06E-07	5.47E-07	3.28E-07	5.49E-08	3.36E-10	5.75E-18	0.00E+00	0.00E+00
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Probabilistic Dose vs Pathway(i): Fish Ingestion

Nuclide	DOSE(i,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
<hr/>								
Fe-55								
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
<hr/>								
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
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Probabilistic Dose vs Pathway(i): Radon (Water Dep.)

Nuclide	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
<hr/>								
Fe-55								
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
<hr/>								
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
<hr/>								

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Probabilistic Dose vs Pathway(i): Plant (Water Dep.)

Nuclide	DOSE(i,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
Fe-55								
Min	3.80E-09	3.02E-09	1.89E-09	3.58E-10	1.32E-12	1.45E-20	0.00E+00	0.00E+00
Max	8.26E-07	6.37E-07	3.80E-07	6.29E-08	3.69E-10	6.49E-18	0.00E+00	0.00E+00
Avg	7.51E-08	5.88E-08	3.60E-08	6.37E-09	4.26E-11	8.21E-19	0.00E+00	0.00E+00
Std	8.64E-08	6.71E-08	4.04E-08	6.88E-09	4.32E-11	7.74E-19	0.00E+00	0.00E+00
ALL								
Min	3.80E-09	3.02E-09	1.89E-09	3.58E-10	1.32E-12	1.45E-20	0.00E+00	0.00E+00
Max	8.26E-07	6.37E-07	3.80E-07	6.29E-08	3.69E-10	6.49E-18	0.00E+00	0.00E+00
Avg	7.51E-08	5.88E-08	3.60E-08	6.37E-09	4.26E-11	8.21E-19	0.00E+00	0.00E+00
Std	8.64E-08	6.71E-08	4.04E-08	6.88E-09	4.32E-11	7.74E-19	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Probabilistic Dose vs Pathway(i): Meat (Water Dep.)

Nuclide	DOSE(i,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
Fe-55								
Min	8.74E-09	6.84E-09	4.15E-09	7.19E-10	1.14E-12	1.77E-20	0.00E+00	0.00E+00
Max	2.63E-07	2.03E-07	1.21E-07	1.98E-08	1.12E-10	1.61E-18	0.00E+00	0.00E+00
Avg	3.83E-08	3.00E-08	1.83E-08	3.24E-09	2.17E-11	4.18E-19	0.00E+00	0.00E+00
Std	3.34E-08	2.59E-08	1.55E-08	2.60E-09	1.59E-11	2.74E-19	0.00E+00	0.00E+00
ALL								
Min	8.74E-09	6.84E-09	4.15E-09	7.19E-10	1.14E-12	1.77E-20	0.00E+00	0.00E+00
Max	2.63E-07	2.03E-07	1.21E-07	1.98E-08	1.12E-10	1.61E-18	0.00E+00	0.00E+00
Avg	3.83E-08	3.00E-08	1.83E-08	3.24E-09	2.17E-11	4.18E-19	0.00E+00	0.00E+00
Std	3.34E-08	2.59E-08	1.55E-08	2.60E-09	1.59E-11	2.74E-19	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Probabilistic Dose vs Pathway(i): Milk (Water Dep.)

Nuclide	DOSE(i,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
Fe-55								
Min	5.38E-10	4.26E-10	2.59E-10	4.49E-11	8.17E-14	1.09E-21	0.00E+00	0.00E+00
Max	2.08E-08	1.61E-08	9.58E-09	1.57E-09	8.89E-12	1.27E-19	0.00E+00	0.00E+00
Avg	2.66E-09	2.08E-09	1.27E-09	2.26E-10	1.51E-12	2.91E-20	0.00E+00	0.00E+00
Std	2.38E-09	1.85E-09	1.11E-09	1.86E-10	1.14E-12	1.97E-20	0.00E+00	0.00E+00
ALL								
Min	5.38E-10	4.26E-10	2.59E-10	4.49E-11	8.17E-14	1.09E-21	0.00E+00	0.00E+00
Max	2.08E-08	1.61E-08	9.58E-09	1.57E-09	8.89E-12	1.27E-19	0.00E+00	0.00E+00
Avg	2.66E-09	2.08E-09	1.27E-09	2.26E-10	1.51E-12	2.91E-20	0.00E+00	0.00E+00
Std	2.38E-09	1.85E-09	1.11E-09	1.86E-10	1.14E-12	1.97E-20	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.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	3.35E-07	2.64E-07	1.62E-07	2.88E-08	1.86E-10	3.46E-18	0.00E+00	0.00E+00
0.050	3.80E-07	2.99E-07	1.86E-07	3.37E-08	2.34E-10	4.57E-18	0.00E+00	0.00E+00
0.075	5.15E-07	4.10E-07	2.53E-07	4.50E-08	2.94E-10	5.33E-18	0.00E+00	0.00E+00
0.100	6.30E-07	4.98E-07	3.07E-07	5.59E-08	3.73E-10	5.82E-18	0.00E+00	0.00E+00
0.125	7.72E-07	6.09E-07	3.81E-07	7.14E-08	4.54E-10	6.28E-18	0.00E+00	0.00E+00
0.150	9.52E-07	7.57E-07	4.73E-07	8.56E-08	5.00E-10	6.69E-18	0.00E+00	0.00E+00
0.175	1.22E-06	9.51E-07	5.70E-07	9.30E-08	5.31E-10	7.08E-18	0.00E+00	0.00E+00
0.200	1.30E-06	1.00E-06	6.01E-07	9.84E-08	5.50E-10	7.42E-18	0.00E+00	0.00E+00
0.225	1.37E-06	1.05E-06	6.34E-07	1.04E-07	5.81E-10	7.91E-18	0.00E+00	0.00E+00
0.250	1.44E-06	1.12E-06	6.70E-07	1.09E-07	6.14E-10	8.37E-18	0.00E+00	0.00E+00
0.275	1.51E-06	1.17E-06	7.02E-07	1.14E-07	6.38E-10	8.75E-18	0.00E+00	0.00E+00
0.300	1.57E-06	1.21E-06	7.28E-07	1.18E-07	6.61E-10	9.14E-18	0.00E+00	0.00E+00
0.325	1.63E-06	1.26E-06	7.53E-07	1.23E-07	6.87E-10	9.62E-18	0.00E+00	0.00E+00
0.350	1.67E-06	1.29E-06	7.71E-07	1.26E-07	7.15E-10	9.99E-18	0.00E+00	0.00E+00
0.375	1.72E-06	1.33E-06	7.97E-07	1.31E-07	7.37E-10	1.04E-17	0.00E+00	0.00E+00
0.400	1.78E-06	1.38E-06	8.24E-07	1.35E-07	7.62E-10	1.07E-17	0.00E+00	0.00E+00
0.425	1.84E-06	1.42E-06	8.49E-07	1.39E-07	7.82E-10	1.11E-17	0.00E+00	0.00E+00
0.450	1.90E-06	1.47E-06	8.75E-07	1.43E-07	8.03E-10	1.14E-17	0.00E+00	0.00E+00
0.475	1.95E-06	1.50E-06	9.00E-07	1.47E-07	8.25E-10	1.18E-17	0.00E+00	0.00E+00
0.500	2.01E-06	1.55E-06	9.26E-07	1.52E-07	8.49E-10	1.22E-17	0.00E+00	0.00E+00
0.525	2.07E-06	1.60E-06	9.48E-07	1.56E-07	8.76E-10	1.26E-17	0.00E+00	0.00E+00
0.550	2.14E-06	1.64E-06	9.85E-07	1.60E-07	9.08E-10	1.30E-17	0.00E+00	0.00E+00
0.575	2.21E-06	1.71E-06	1.02E-06	1.66E-07	9.44E-10	1.35E-17	0.00E+00	0.00E+00
0.600	2.28E-06	1.76E-06	1.05E-06	1.71E-07	9.74E-10	1.41E-17	0.00E+00	0.00E+00
0.625	2.34E-06	1.81E-06	1.08E-06	1.77E-07	1.00E-09	1.47E-17	0.00E+00	0.00E+00
0.650	2.42E-06	1.87E-06	1.12E-06	1.84E-07	1.04E-09	1.53E-17	0.00E+00	0.00E+00
0.675	2.51E-06	1.93E-06	1.16E-06	1.91E-07	1.08E-09	1.59E-17	0.00E+00	0.00E+00
0.700	2.61E-06	2.02E-06	1.21E-06	1.99E-07	1.12E-09	1.69E-17	0.00E+00	0.00E+00
0.725	2.70E-06	2.09E-06	1.25E-06	2.05E-07	1.17E-09	1.76E-17	0.00E+00	0.00E+00
0.750	2.80E-06	2.16E-06	1.29E-06	2.13E-07	1.21E-09	1.87E-17	0.00E+00	0.00E+00
0.775	2.90E-06	2.24E-06	1.34E-06	2.20E-07	1.27E-09	1.98E-17	0.00E+00	0.00E+00
0.800	3.04E-06	2.35E-06	1.41E-06	2.29E-07	1.33E-09	2.11E-17	0.00E+00	0.00E+00
0.825	3.15E-06	2.43E-06	1.44E-06	2.38E-07	1.38E-09	2.22E-17	0.00E+00	0.00E+00
0.850	3.26E-06	2.51E-06	1.50E-06	2.47E-07	1.44E-09	2.33E-17	0.00E+00	0.00E+00
0.875	3.40E-06	2.62E-06	1.56E-06	2.60E-07	1.52E-09	2.41E-17	0.00E+00	0.00E+00
0.900	3.61E-06	2.78E-06	1.66E-06	2.80E-07	1.64E-09	2.49E-17	0.00E+00	0.00E+00
0.925	3.89E-06	3.00E-06	1.81E-06	3.03E-07	1.76E-09	2.62E-17	0.00E+00	0.00E+00
0.950	4.25E-06	3.28E-06	1.97E-06	3.30E-07	1.90E-09	2.76E-17	0.00E+00	0.00E+00
0.975	4.86E-06	3.75E-06	2.24E-06	3.96E-07	2.26E-09	3.19E-17	0.00E+00	0.00E+00
1.000	7.87E-06	6.06E-06	3.59E-06	2.72E-06	3.45E-08	2.22E-16	0.00E+00	0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Summary of dose at graphical times, reptition 1

Time Years	Dose statistics at graphical times, mrem/yr							
	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	2.57E-07	7.25E-06	2.16E-06	2.02E-06	3.58E-06	4.21E-06	4.87E-06	5.67E-06
1.00E+00	2.04E-07	5.59E-06	1.67E-06	1.56E-06	2.77E-06	3.25E-06	3.79E-06	4.37E-06
1.06E+00	2.02E-07	5.50E-06	1.64E-06	1.54E-06	2.72E-06	3.20E-06	3.74E-06	4.30E-06
1.12E+00	1.99E-07	5.42E-06	1.62E-06	1.51E-06	2.68E-06	3.15E-06	3.68E-06	4.23E-06
1.19E+00	1.96E-07	5.32E-06	1.59E-06	1.49E-06	2.64E-06	3.10E-06	3.62E-06	4.16E-06
1.25E+00	1.93E-07	5.23E-06	1.56E-06	1.46E-06	2.59E-06	3.05E-06	3.55E-06	4.09E-06
1.33E+00	1.90E-07	5.13E-06	1.53E-06	1.43E-06	2.55E-06	2.99E-06	3.49E-06	4.01E-06
1.40E+00	1.86E-07	5.03E-06	1.50E-06	1.41E-06	2.50E-06	2.93E-06	3.42E-06	3.93E-06
1.49E+00	1.83E-07	4.92E-06	1.47E-06	1.38E-06	2.44E-06	2.87E-06	3.35E-06	3.85E-06
1.57E+00	1.79E-07	4.81E-06	1.44E-06	1.35E-06	2.38E-06	2.81E-06	3.27E-06	3.77E-06
1.66E+00	1.76E-07	4.70E-06	1.41E-06	1.32E-06	2.33E-06	2.74E-06	3.20E-06	3.68E-06
1.76E+00	1.72E-07	4.58E-06	1.37E-06	1.28E-06	2.27E-06	2.67E-06	3.12E-06	3.59E-06
1.86E+00	1.68E-07	4.46E-06	1.34E-06	1.25E-06	2.22E-06	2.60E-06	3.03E-06	3.49E-06
1.97E+00	1.64E-07	4.34E-06	1.30E-06	1.22E-06	2.16E-06	2.53E-06	2.95E-06	3.40E-06
2.09E+00	1.59E-07	4.21E-06	1.26E-06	1.18E-06	2.10E-06	2.47E-06	2.86E-06	3.30E-06
2.21E+00	1.55E-07	4.08E-06	1.22E-06	1.14E-06	2.03E-06	2.39E-06	2.79E-06	3.19E-06
2.24E+00	1.50E-07	3.94E-06	1.18E-06	1.11E-06	1.97E-06	2.31E-06	2.70E-06	3.09E-06
2.27E+00	1.45E-07	3.81E-06	1.14E-06	1.07E-06	1.90E-06	2.23E-06	2.60E-06	2.98E-06
2.26E+00	1.40E-07	3.67E-06	1.10E-06	1.03E-06	1.83E-06	2.15E-06	2.50E-06	2.87E-06
2.27E+00	1.35E-07	3.52E-06	1.06E-06	9.89E-07	1.76E-06	2.07E-06	2.40E-06	2.76E-06
2.93E+00	1.30E-07	3.38E-06	1.02E-06	9.48E-07	1.69E-06	1.98E-06	2.30E-06	2.65E-06
3.00E+00	1.27E-07	3.32E-06	9.99E-07	9.31E-07	1.66E-06	1.95E-06	2.26E-06	2.60E-06
3.13E+00	1.24E-07	3.23E-06	9.73E-07	9.06E-07	1.62E-06	1.90E-06	2.23E-06	2.54E-06
3.32E+00	1.19E-07	3.08E-06	9.29E-07	8.65E-07	1.54E-06	1.82E-06	2.14E-06	2.44E-06
3.48E+00	1.13E-07	2.96E-06	8.85E-07	8.24E-07	1.47E-06	1.73E-06	2.04E-06	2.32E-06
3.68E+00	1.08E-07	2.88E-06	8.40E-07	7.81E-07	1.39E-06	1.64E-06	1.93E-06	2.20E-06
3.89E+00	1.02E-07	2.71E-06	7.96E-07	7.40E-07	1.32E-06	1.55E-06	1.82E-06	2.08E-06
4.12E+00	9.64E-08	2.55E-06	7.51E-07	6.97E-07	1.24E-06	1.47E-06	1.72E-06	1.96E-06
4.36E+00	9.08E-08	2.38E-06	7.06E-07	6.56E-07	1.17E-06	1.38E-06	1.63E-06	1.90E-06
4.61E+00	8.52E-08	2.29E-06	6.63E-07	6.15E-07	1.10E-06	1.29E-06	1.55E-06	1.78E-06
4.88E+00	7.97E-08	3.66E-06	6.21E-07	5.73E-07	1.02E-06	1.21E-06	1.45E-06	1.66E-06
5.17E+00	7.42E-08	5.00E-06	5.80E-07	5.32E-07	9.55E-07	1.14E-06	1.39E-06	1.57E-06
5.47E+00	6.88E-08	5.40E-06	5.40E-07	4.91E-07	8.84E-07	1.05E-06	1.29E-06	1.46E-06
5.78E+00	6.36E-08	4.93E-06	4.99E-07	4.53E-07	8.15E-07	9.65E-07	1.19E-06	1.35E-06
6.12E+00	5.84E-08	4.46E-06	4.60E-07	4.15E-07	7.48E-07	8.84E-07	1.09E-06	1.36E-06
6.48E+00	5.34E-08	4.01E-06	4.21E-07	3.78E-07	6.82E-07	8.08E-07	9.92E-07	1.18E-06
6.86E+00	4.86E-08	4.53E-06	3.84E-07	3.43E-07	6.20E-07	7.32E-07	9.04E-07	1.13E-06
7.26E+00	4.40E-08	4.32E-06	3.47E-07	3.10E-07	5.59E-07	6.59E-07	8.14E-07	1.02E-06
7.68E+00	3.96E-08	3.77E-06	3.12E-07	2.78E-07	5.01E-07	5.95E-07	7.34E-07	9.62E-07
8.13E+00	3.54E-08	3.23E-06	2.78E-07	2.48E-07	4.47E-07	5.30E-07	6.48E-07	8.49E-07
8.60E+00	3.14E-08	2.75E-06	2.47E-07	2.19E-07	3.99E-07	4.74E-07	5.76E-07	7.74E-07
9.10E+00	2.77E-08	2.31E-06	2.18E-07	1.93E-07	3.53E-07	4.14E-07	5.05E-07	6.80E-07
9.63E+00	2.43E-08	2.23E-06	1.90E-07	1.68E-07	3.08E-07	3.61E-07	4.39E-07	5.92E-07
1.00E+01	2.21E-08	1.94E-06	1.73E-07	1.53E-07	2.79E-07	3.30E-07	4.01E-07	5.38E-07
1.02E+01	2.11E-08	1.78E-06	1.65E-07	1.45E-07	2.66E-07	3.14E-07	3.82E-07	5.12E-07
1.08E+01	1.82E-08	1.34E-06	1.41E-07	1.25E-07	2.28E-07	2.69E-07	3.27E-07	4.38E-07
1.14E+01	1.55E-08	1.01E-06	1.20E-07	1.06E-07	1.95E-07	2.34E-07	2.81E-07	4.00E-07
1.21E+01	1.32E-08	7.93E-07	1.01E-07	8.92E-08	1.64E-07	1.97E-07	2.36E-07	3.36E-07
1.28E+01	1.10E-08	6.22E-07	8.39E-08	7.43E-08	1.37E-07	1.64E-07	1.96E-07	2.83E-07
1.35E+01	9.16E-09	5.13E-07	6.91E-08	6.13E-08	1.13E-07	1.35E-07	1.61E-07	2.30E-07
1.43E+01	7.52E-09	4.18E-07	5.61E-08	4.99E-08	9.21E-08	1.08E-07	1.30E-07	1.75E-07
1.51E+01	6.10E-09	3.36E-07	4.54E-08	4.02E-08	7.49E-08	8.90E-08	1.06E-07	1.42E-07
1.60E+01	1.70E-09	2.67E-07	3.63E-08	3.20E-08	5.97E-08	7.09E-08	8.67E-08	1.49E-07
1.70E+01	1.34E-09	2.10E-07	2.85E-08	2.51E-08	4.70E-08	5.57E-08	6.75E-08	1.16E-07
1.80E+01	8.75E-10	1.62E-07	2.20E-08	1.95E-08	3.64E-08	4.32E-08	5.11E-08	8.85E-08
1.90E+01	6.69E-10	1.23E-07	1.68E-08	1.48E-08	2.78E-08	3.29E-08	3.90E-08	7.25E-08

2.01E+01 5.03E-10 9.33E-08 1.26E-08 1.11E-08 2.09E-08 2.47E-08 2.93E-08 5.41E-08

2.13E+01 3.73E-10 6.87E-08 9.30E-09 8.19E-09 1.55E-08 1.83E-08 2.15E-08 3.56E-08

2.25E+01 2.71E-10 6.89E-08 6.77E-09 5.94E-09 1.13E-08 1.33E-08 1.57E-08 2.32E-08

2.38E+01 1.94E-10 5.13E-08 4.85E-09 4.22E-09 8.04E-09 9.38E-09 1.09E-08 1.84E-08

2.52E+01 1.36E-10 3.50E-08 3.38E-09 2.95E-09 5.59E-09 6.50E-09 7.60E-09 1.13E-08

2.67E+01 9.30E-11 2.20E-08 2.31E-09 2.01E-09 3.83E-09 4.46E-09 5.18E-09 7.53E-09

2.82E+01 6.24E-11 1.38E-08 1.54E-09 1.34E-09 2.57E-09 2.99E-09 3.49E-09 5.30E-09

2.99E+01 4.09E-11 3.53E-08 1.04E-09 8.77E-10 1.69E-09 1.95E-09 2.34E-09 3.57E-09

3.00E+01 3.97E-11 3.45E-08 1.01E-09 8.51E-10 1.64E-09 1.89E-09 2.26E-09 3.46E-09

3.16E+01 2.62E-11 2.23E-08 6.63E-10 5.58E-10 1.08E-09 1.25E-09 1.48E-09 2.24E-09

3.35E+01 1.63E-11 1.36E-08 4.11E-10 3.46E-10 6.72E-10 7.74E-10 8.90E-10 1.37E-09

3.54E+01 9.88E-12 8.04E-09 2.48E-10 2.09E-10 4.06E-10 4.72E-10 5.36E-10 8.20E-10

3.75E+01 4.72E-12 4.61E-09 1.45E-10 1.22E-10 2.38E-10 2.75E-10 3.14E-10 4.66E-10

3.97E+01 2.70E-12 2.57E-09 8.26E-11 6.95E-11 1.36E-10 1.57E-10 1.82E-10 2.65E-10

4.20E+01 1.49E-12 1.38E-09 4.58E-11 3.83E-11 7.47E-11 8.64E-11 1.01E-10 1.46E-10

4.44E+01 7.95E-13 7.14E-10 2.43E-11 2.03E-11 3.99E-11 4.62E-11 5.46E-11 8.22E-11

4.70E+01 4.09E-13 3.56E-10 1.23E-11 1.04E-11 2.05E-11 2.35E-11 2.69E-11 3.91E-11

4.97E+01 2.03E-13 1.70E-10 6.08E-12 5.10E-12 1.01E-11 1.16E-11 1.38E-11 1.97E-11

5.26E+01 9.63E-14 7.81E-11 2.89E-12 2.42E-12 4.86E-12 5.52E-12 6.53E-12 9.91E-12

5.57E+01 4.38E-14 3.42E-11 1.31E-12 1.10E-12 2.20E-12 2.50E-12 2.96E-12 4.35E-12

5.90E+01 1.90E-14 1.43E-11 5.63E-13 4.73E-13 9.56E-13 1.08E-12 1.26E-12 1.85E-12

6.24E+01 7.89E-15 5.66E-12 2.31E-13 1.95E-13 3.93E-13 4.47E-13 5.08E-13 7.45E-13

60E+01 3.10E-15 2.13E-12 8.99E-14 7.68E-14 1.53E-13 1.75E-13 1.99E-13 2.65E-13

99E+01 1.16E-15 7.54E-13 3.32E-14 2.84E-14 5.69E-14 6.49E-14 7.13E-14 9.53E-14

7.39E+01 4.07E-16 2.52E-13 1.17E-14 9.92E-15 2.00E-14 2.28E-14 2.58E-14 3.39E-14

7.82E+01 1.35E-16 7.88E-14 3.87E-15 3.29E-15 6.64E-15 7.50E-15 8.28E-15 1.05E-14

8.28E+01 4.18E-17 2.30E-14 1.19E-15 1.02E-15 2.06E-15 2.33E-15 2.62E-15 3.14E-15

8.76E+01 1.21E-17 6.27E-15 3.45E-16 2.95E-16 5.97E-16 6.72E-16 7.55E-16 9.39E-16

9.27E+01 3.27E-18 1.58E-15 9.32E-17 7.90E-17 1.61E-16 1.81E-16 2.07E-16 2.44E-16

81E+01 8.16E-19 3.68E-16 2.32E-17 1.96E-17 4.02E-17 4.50E-17 5.15E-17 6.28E-17

1.00E+02 5.05E-19 2.22E-16 1.43E-17 1.21E-17 2.48E-17 2.78E-17 3.19E-17 3.87E-17

1.04E+02 1.88E-19 7.84E-17 5.31E-18 4.50E-18 9.24E-18 1.03E-17 1.17E-17 1.38E-17

1.10E+02 3.98E-20 1.53E-17 1.11E-18 9.48E-19 1.95E-18 2.16E-18 2.43E-18 2.99E-18

1.16E+02 7.69E-21 2.70E-18 2.13E-19 1.81E-19 3.78E-19 4.15E-19 4.64E-19 5.55E-19

1.23E+02 1.35E-21 4.32E-19 3.73E-20 3.16E-20 6.65E-20 7.34E-20 8.17E-20 9.66E-20

1.30E+02 2.14E-22 6.19E-20 5.90E-21 4.99E-21 1.05E-20 1.16E-20 1.29E-20 1.53E-20

1.38E+02 3.06E-23 7.90E-21 8.40E-22 7.05E-22 1.50E-21 1.64E-21 1.82E-21 2.17E-21

1.46E+02 3.89E-24 8.93E-22 1.07E-22 8.93E-23 1.92E-22 2.09E-22 2.31E-22 2.88E-22

1.54E+02 4.39E-25 8.86E-23 1.20E-23 1.01E-23 2.16E-23 2.36E-23 2.60E-23 3.54E-23

1.63E+02 4.37E-26 7.66E-24 1.19E-24 9.96E-25 2.15E-24 2.34E-24 2.59E-24 3.45E-24

1.73E+02 3.80E-27 5.74E-25 1.03E-25 8.65E-26 1.87E-25 2.03E-25 2.25E-25 3.08E-25

1.83E+02 2.86E-28 4.29E-26 7.84E-27 6.50E-27 1.41E-26 1.53E-26 1.77E-26 2.36E-26

1.94E+02 1.73E-29 3.14E-27 5.13E-28 4.21E-28 9.21E-28 9.97E-28 1.20E-27 1.73E-27

2.05E+02 0.00E+00 2.41E-28 2.78E-29 2.20E-29 5.06E-29 5.49E-29 6.92E-29 9.52E-29

2.17E+02 0.00E+00 1.32E-29 7.05E-31 0.00E+00 1.99E-30 2.02E-30 2.82E-30 4.90E-30

2.29E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.43E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.57E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.72E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.88E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.22E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.41E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.61E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.82E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.28E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.79E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.07E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.68E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

0.01E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.12E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.97E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.44E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.93E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.45E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+03 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Summary of dose at graphical times, reptition 2

Time	Dose statistics at graphical times, mrem/yr							
Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	2.66E-07	6.79E-06	2.16E-06	2.00E-06	3.59E-06	4.31E-06	4.88E-06	5.47E-06
1.00E+00	2.08E-07	5.22E-06	1.67E-06	1.54E-06	2.77E-06	3.33E-06	3.76E-06	4.20E-06
1.06E+00	2.05E-07	5.14E-06	1.64E-06	1.52E-06	2.73E-06	3.28E-06	3.70E-06	4.14E-06
1.12E+00	2.02E-07	5.06E-06	1.61E-06	1.50E-06	2.69E-06	3.23E-06	3.64E-06	4.07E-06
1.19E+00	1.99E-07	4.97E-06	1.59E-06	1.47E-06	2.64E-06	3.17E-06	3.58E-06	4.00E-06
1.25E+00	1.95E-07	4.88E-06	1.56E-06	1.44E-06	2.60E-06	3.12E-06	3.52E-06	3.93E-06
1.33E+00	1.92E-07	4.79E-06	1.53E-06	1.42E-06	2.55E-06	3.06E-06	3.45E-06	3.86E-06
1.40E+00	1.88E-07	4.69E-06	1.50E-06	1.39E-06	2.50E-06	3.00E-06	3.38E-06	3.78E-06
1.49E+00	1.84E-07	4.60E-06	1.47E-06	1.36E-06	2.44E-06	2.94E-06	3.31E-06	3.72E-06
1.57E+00	1.80E-07	4.49E-06	1.44E-06	1.33E-06	2.39E-06	2.87E-06	3.24E-06	3.65E-06
1.66E+00	1.76E-07	4.38E-06	1.41E-06	1.30E-06	2.33E-06	2.80E-06	3.16E-06	3.58E-06
1.76E+00	1.72E-07	4.27E-06	1.37E-06	1.27E-06	2.27E-06	2.73E-06	3.09E-06	3.51E-06
1.86E+00	1.67E-07	4.16E-06	1.34E-06	1.23E-06	2.22E-06	2.66E-06	3.01E-06	3.44E-06
1.97E+00	1.63E-07	4.04E-06	1.30E-06	1.20E-06	2.16E-06	2.59E-06	2.92E-06	3.36E-06
2.09E+00	1.58E-07	3.92E-06	1.26E-06	1.17E-06	2.10E-06	2.52E-06	2.84E-06	3.28E-06
2.21E+00	1.53E-07	3.80E-06	1.23E-06	1.13E-06	2.03E-06	2.46E-06	2.77E-06	3.20E-06
2.24E+00	1.49E-07	3.67E-06	1.19E-06	1.10E-06	1.97E-06	2.38E-06	2.70E-06	3.11E-06
2.27E+00	1.44E-07	3.54E-06	1.15E-06	1.06E-06	1.90E-06	2.30E-06	2.60E-06	3.01E-06
2.26E+00	1.38E-07	3.41E-06	1.10E-06	1.02E-06	1.83E-06	2.21E-06	2.51E-06	2.90E-06
2.27E+00	1.33E-07	3.28E-06	1.06E-06	9.82E-07	1.76E-06	2.13E-06	2.41E-06	2.79E-06
2.93E+00	1.28E-07	3.14E-06	1.02E-06	9.41E-07	1.69E-06	2.04E-06	2.31E-06	2.67E-06
3.00E+00	1.26E-07	3.09E-06	1.00E-06	9.24E-07	1.66E-06	2.00E-06	2.27E-06	2.63E-06
3.13E+00	1.23E-07	3.01E-06	9.74E-07	8.99E-07	1.62E-06	1.95E-06	2.21E-06	2.56E-06
3.28E+00	1.17E-07	2.87E-06	9.30E-07	8.56E-07	1.54E-06	1.86E-06	2.11E-06	2.44E-06
3.48E+00	1.12E-07	2.73E-06	8.85E-07	8.16E-07	1.47E-06	1.77E-06	2.01E-06	2.32E-06
3.68E+00	1.06E-07	2.58E-06	8.40E-07	7.76E-07	1.39E-06	1.68E-06	1.90E-06	2.20E-06
3.89E+00	1.01E-07	2.44E-06	7.96E-07	7.34E-07	1.32E-06	1.58E-06	1.80E-06	2.09E-06
4.12E+00	9.50E-08	3.03E-06	7.52E-07	6.92E-07	1.25E-06	1.51E-06	1.70E-06	1.97E-06
4.36E+00	8.94E-08	3.77E-06	7.09E-07	6.50E-07	1.17E-06	1.41E-06	1.60E-06	1.90E-06
4.61E+00	8.39E-08	4.50E-06	6.66E-07	6.09E-07	1.10E-06	1.34E-06	1.53E-06	1.78E-06
4.88E+00	7.84E-08	4.76E-06	6.25E-07	5.67E-07	1.02E-06	1.25E-06	1.43E-06	1.70E-06
5.17E+00	7.30E-08	5.52E-06	5.85E-07	5.26E-07	9.53E-07	1.16E-06	1.34E-06	1.58E-06
5.47E+00	6.77E-08	7.49E-06	5.46E-07	4.87E-07	8.81E-07	1.07E-06	1.23E-06	1.57E-06
5.78E+00	6.25E-08	8.08E-06	5.06E-07	4.49E-07	8.19E-07	9.88E-07	1.13E-06	1.44E-06
6.12E+00	5.74E-08	7.38E-06	4.65E-07	4.11E-07	7.51E-07	9.05E-07	1.05E-06	1.32E-06
6.48E+00	5.25E-08	6.70E-06	4.26E-07	3.75E-07	6.86E-07	8.26E-07	9.53E-07	1.22E-06
6.86E+00	4.77E-08	6.06E-06	3.89E-07	3.40E-07	6.27E-07	7.50E-07	8.99E-07	1.14E-06
7.26E+00	4.32E-08	5.44E-06	3.53E-07	3.07E-07	5.69E-07	6.80E-07	8.11E-07	1.03E-06
7.68E+00	3.88E-08	4.85E-06	3.18E-07	2.75E-07	5.11E-07	6.10E-07	7.29E-07	9.92E-07
8.13E+00	3.47E-08	4.30E-06	2.84E-07	2.45E-07	4.55E-07	5.43E-07	6.49E-07	1.16E-06
8.60E+00	3.08E-08	3.79E-06	2.52E-07	2.17E-07	4.03E-07	4.81E-07	5.74E-07	9.94E-07
9.10E+00	2.72E-08	3.31E-06	2.21E-07	1.90E-07	3.54E-07	4.22E-07	5.04E-07	8.48E-07
9.63E+00	2.38E-08	2.87E-06	1.91E-07	1.66E-07	3.09E-07	3.70E-07	4.39E-07	7.16E-07
1.00E+01	2.16E-08	2.59E-06	1.74E-07	1.50E-07	2.81E-07	3.35E-07	3.99E-07	5.65E-07
1.02E+01	2.06E-08	2.46E-06	1.65E-07	1.43E-07	2.68E-07	3.22E-07	3.81E-07	5.98E-07
1.08E+01	1.78E-08	2.10E-06	1.42E-07	1.23E-07	2.30E-07	2.77E-07	3.31E-07	5.15E-07
1.14E+01	1.52E-08	1.77E-06	1.22E-07	1.04E-07	1.97E-07	2.42E-07	2.91E-07	5.09E-07
1.21E+01	1.28E-08	1.48E-06	1.04E-07	8.80E-08	1.66E-07	2.04E-07	2.57E-07	4.51E-07
1.28E+01	1.08E-08	1.23E-06	8.60E-08	7.34E-08	1.39E-07	1.70E-07	2.14E-07	3.46E-07
1.35E+01	8.91E-09	1.00E-06	7.06E-08	6.04E-08	1.15E-07	1.40E-07	1.74E-07	2.81E-07
1.43E+01	7.31E-09	8.11E-07	5.75E-08	4.92E-08	9.35E-08	1.14E-07	1.43E-07	2.22E-07
1.51E+01	5.93E-09	6.47E-07	4.64E-08	3.97E-08	7.50E-08	9.14E-08	1.14E-07	1.74E-07
1.60E+01	4.74E-09	5.10E-07	3.70E-08	3.16E-08	5.98E-08	7.24E-08	8.71E-08	1.34E-07
1.70E+01	3.75E-09	3.97E-07	2.90E-08	2.49E-08	4.71E-08	5.67E-08	6.82E-08	1.05E-07
1.80E+01	2.92E-09	3.04E-07	2.23E-08	1.92E-08	3.64E-08	4.38E-08	5.27E-08	8.02E-08
1.90E+01	2.25E-09	2.29E-07	1.69E-08	1.46E-08	2.78E-08	3.30E-08	4.02E-08	5.79E-08

2.01E+01 1.33E-09 1.70E-07 1.26E-08 1.10E-08 2.08E-08 2.50E-08 2.96E-08 3.95E-08

2.13E+01 5.10E-10 1.24E-07 9.34E-09 8.07E-09 1.53E-08 1.84E-08 2.20E-08 3.02E-08

2.25E+01 1.83E-10 8.88E-08 6.74E-09 5.84E-09 1.11E-08 1.33E-08 1.54E-08 2.02E-08

2.38E+01 1.31E-10 6.24E-08 4.79E-09 4.16E-09 7.95E-09 9.40E-09 1.09E-08 1.36E-08

2.52E+01 9.18E-11 4.29E-08 3.36E-09 2.90E-09 5.56E-09 6.62E-09 7.66E-09 1.00E-08

2.67E+01 6.29E-11 2.96E-08 2.33E-09 1.99E-09 3.83E-09 4.55E-09 5.42E-09 7.18E-09

2.82E+01 4.22E-11 2.14E-08 1.57E-09 1.33E-09 2.59E-09 3.04E-09 3.71E-09 5.08E-09

2.99E+01 2.77E-11 1.37E-08 1.03E-09 8.72E-10 1.70E-09 1.98E-09 2.43E-09 3.45E-09

3.00E+01 2.69E-11 1.33E-08 1.00E-09 8.46E-10 1.65E-09 1.92E-09 2.35E-09 3.33E-09

3.16E+01 1.77E-11 8.57E-09 6.56E-10 5.56E-10 1.08E-09 1.26E-09 1.52E-09 2.05E-09

3.35E+01 1.10E-11 5.20E-09 4.08E-10 3.46E-10 6.73E-10 7.81E-10 9.52E-10 1.32E-09

3.54E+01 6.69E-12 3.07E-09 2.46E-10 2.09E-10 4.04E-10 4.71E-10 5.72E-10 7.86E-10

3.75E+01 3.94E-12 1.76E-09 1.44E-10 1.21E-10 2.41E-10 2.79E-10 3.35E-10 4.53E-10

3.97E+01 2.25E-12 9.75E-10 8.20E-11 6.91E-11 1.37E-10 1.57E-10 1.91E-10 2.92E-10

4.20E+01 1.24E-12 5.22E-10 4.51E-11 3.80E-11 7.62E-11 8.71E-11 1.06E-10 1.58E-10

4.44E+01 6.63E-13 2.70E-10 2.40E-11 2.02E-11 4.04E-11 4.63E-11 5.63E-11 7.10E-11

4.70E+01 3.41E-13 1.34E-10 1.23E-11 1.04E-11 2.07E-11 2.36E-11 2.88E-11 3.64E-11

4.97E+01 1.69E-13 6.39E-11 6.05E-12 5.13E-12 1.02E-11 1.17E-11 1.41E-11 1.80E-11

5.26E+01 8.03E-14 2.92E-11 2.87E-12 2.43E-12 4.88E-12 5.52E-12 6.72E-12 8.61E-12

5.57E+01 3.66E-14 1.28E-11 1.30E-12 1.11E-12 2.21E-12 2.52E-12 3.02E-12 3.86E-12

1.90E+01 1.59E-14 5.31E-12 5.60E-13 4.78E-13 9.58E-13 1.08E-12 1.25E-12 1.51E-12

2.4E+01 6.58E-15 2.10E-12 2.32E-13 1.97E-13 3.97E-13 4.48E-13 5.15E-13 6.45E-13

6.0E+01 2.59E-15 2.07E-12 9.25E-14 7.70E-14 1.56E-13 1.75E-13 2.03E-13 2.47E-13

99E+01 9.65E-16 6.81E-13 3.46E-14 2.86E-14 5.81E-14 6.52E-14 7.59E-14 1.00E-13

7.39E+01 3.39E-16 1.63E-13 1.19E-14 1.00E-14 2.05E-14 2.28E-14 2.64E-14 3.40E-14

7.82E+01 1.12E-16 2.93E-14 3.93E-15 3.32E-15 6.77E-15 7.62E-15 8.85E-15 1.14E-14

3.28E+01 3.48E-17 8.51E-15 1.20E-15 1.03E-15 2.09E-15 2.32E-15 2.67E-15 3.30E-15

8.76E+01 1.01E-17 2.32E-15 3.47E-16 2.97E-16 6.03E-16 6.73E-16 7.70E-16 9.23E-16

9.27E+01 2.72E-18 5.86E-16 9.31E-17 7.93E-17 1.62E-16 1.80E-16 2.08E-16 2.52E-16

9.81E+01 6.81E-19 1.60E-16 2.33E-17 1.97E-17 4.03E-17 4.47E-17 5.23E-17 6.59E-17

1.00E+02 4.21E-19 9.73E-17 1.44E-17 1.22E-17 2.50E-17 2.79E-17 3.23E-17 4.06E-17

1.04E+02 1.57E-19 3.52E-17 5.33E-18 4.56E-18 9.31E-18 1.03E-17 1.18E-17 1.50E-17

1.10E+02 3.32E-20 6.23E-18 1.13E-18 9.63E-19 1.97E-18 2.19E-18 2.54E-18 3.12E-18

1.16E+02 6.42E-21 1.03E-18 2.16E-19 1.85E-19 3.80E-19 4.19E-19 4.86E-19 6.00E-19

1.23E+02 1.13E-21 1.67E-19 3.76E-20 3.23E-20 6.65E-20 7.27E-20 8.42E-20 1.04E-19

1.30E+02 1.79E-22 3.03E-20 5.93E-21 5.08E-21 1.05E-20 1.15E-20 1.32E-20 1.63E-20

1.38E+02 2.55E-23 4.29E-21 8.45E-22 7.16E-22 1.50E-21 1.63E-21 1.90E-21 2.37E-21

1.46E+02 3.25E-24 5.39E-22 1.07E-22 9.05E-23 1.91E-22 2.06E-22 2.38E-22 2.93E-22

1.54E+02 3.67E-25 3.01E-22 1.23E-23 1.02E-23 2.15E-23 2.32E-23 2.68E-23 3.38E-23

1.63E+02 3.64E-26 1.96E-23 1.22E-24 1.02E-24 2.15E-24 2.32E-24 2.81E-24 3.44E-24

1.73E+02 3.17E-27 8.32E-25 1.06E-25 8.95E-26 1.88E-25 2.05E-25 2.44E-25 2.98E-25

1.83E+02 2.38E-28 4.47E-26 7.99E-27 6.73E-27 1.42E-26 1.57E-26 1.85E-26 2.47E-26

1.94E+02 1.48E-29 3.80E-27 5.30E-28 4.42E-28 9.23E-28 1.04E-27 1.35E-27 2.16E-27

2.05E+02 0.00E+00 2.08E-28 2.90E-29 2.30E-29 5.08E-29 5.94E-29 8.21E-29 1.28E-28

2.17E+02 0.00E+00 7.96E-30 7.12E-31 0.00E+00 1.99E-30 2.07E-30 3.13E-30 4.86E-30

2.29E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.43E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.57E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.72E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.88E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.22E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.41E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.61E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.82E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.28E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.79E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.07E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.68E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

0.01E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.12E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.97E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.44E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.93E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.45E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+03 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

Summary of dose at graphical times, reptition 3

Time Years	Dose statistics at graphical times, mrem/yr							
	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	2.58E-07	7.87E-06	2.15E-06	2.00E-06	3.65E-06	4.30E-06	4.85E-06	5.51E-06
1.00E+00	2.04E-07	6.06E-06	1.66E-06	1.55E-06	2.82E-06	3.31E-06	3.74E-06	4.25E-06
1.06E+00	2.01E-07	5.96E-06	1.64E-06	1.52E-06	2.78E-06	3.26E-06	3.68E-06	4.19E-06
1.12E+00	1.98E-07	5.87E-06	1.61E-06	1.50E-06	2.73E-06	3.21E-06	3.63E-06	4.12E-06
1.19E+00	1.95E-07	5.77E-06	1.59E-06	1.48E-06	2.69E-06	3.16E-06	3.56E-06	4.05E-06
1.25E+00	1.92E-07	5.67E-06	1.56E-06	1.45E-06	2.64E-06	3.10E-06	3.50E-06	3.98E-06
1.33E+00	1.89E-07	5.56E-06	1.53E-06	1.42E-06	2.59E-06	3.04E-06	3.44E-06	3.90E-06
1.40E+00	1.85E-07	5.45E-06	1.50E-06	1.39E-06	2.54E-06	2.98E-06	3.37E-06	3.82E-06
1.49E+00	1.82E-07	5.33E-06	1.47E-06	1.36E-06	2.49E-06	2.92E-06	3.30E-06	3.74E-06
1.57E+00	1.78E-07	5.21E-06	1.43E-06	1.33E-06	2.43E-06	2.85E-06	3.22E-06	3.66E-06
1.66E+00	1.74E-07	5.09E-06	1.40E-06	1.30E-06	2.38E-06	2.79E-06	3.15E-06	3.57E-06
1.76E+00	1.70E-07	4.96E-06	1.37E-06	1.27E-06	2.32E-06	2.72E-06	3.07E-06	3.48E-06
1.86E+00	1.66E-07	4.83E-06	1.33E-06	1.24E-06	2.26E-06	2.65E-06	2.99E-06	3.38E-06
1.97E+00	1.62E-07	4.70E-06	1.29E-06	1.20E-06	2.20E-06	2.58E-06	2.91E-06	3.29E-06
2.09E+00	1.58E-07	4.56E-06	1.26E-06	1.17E-06	2.13E-06	2.50E-06	2.82E-06	3.19E-06
2.21E+00	1.53E-07	4.41E-06	1.22E-06	1.13E-06	2.07E-06	2.42E-06	2.73E-06	3.09E-06
2.34E+00	1.48E-07	4.27E-06	1.18E-06	1.09E-06	2.00E-06	2.34E-06	2.64E-06	2.99E-06
2.47E+00	1.44E-07	4.12E-06	1.14E-06	1.06E-06	1.93E-06	2.26E-06	2.55E-06	2.88E-06
2.62E+00	1.39E-07	3.97E-06	1.09E-06	1.02E-06	1.86E-06	2.18E-06	2.46E-06	2.77E-06
2.77E+00	1.34E-07	3.81E-06	1.05E-06	9.77E-07	1.79E-06	2.10E-06	2.36E-06	2.66E-06
2.93E+00	1.29E-07	3.65E-06	1.01E-06	9.37E-07	1.72E-06	2.01E-06	2.27E-06	2.55E-06
3.00E+00	1.27E-07	3.59E-06	9.93E-07	9.21E-07	1.69E-06	1.98E-06	2.23E-06	2.51E-06
3.10E+00	1.24E-07	3.49E-06	9.67E-07	8.96E-07	1.64E-06	1.93E-06	2.17E-06	2.47E-06
3.32E+00	1.19E-07	3.33E-06	9.24E-07	8.56E-07	1.57E-06	1.84E-06	2.07E-06	2.36E-06
3.48E+00	1.13E-07	3.17E-06	8.80E-07	8.14E-07	1.49E-06	1.75E-06	1.97E-06	2.24E-06
3.68E+00	1.08E-07	3.01E-06	8.35E-07	7.72E-07	1.42E-06	1.66E-06	1.87E-06	2.14E-06
3.89E+00	1.03E-07	2.84E-06	7.91E-07	7.31E-07	1.34E-06	1.57E-06	1.77E-06	2.07E-06
4.12E+00	9.73E-08	2.69E-06	7.47E-07	6.90E-07	1.27E-06	1.48E-06	1.67E-06	1.95E-06
4.36E+00	9.19E-08	2.56E-06	7.04E-07	6.49E-07	1.20E-06	1.41E-06	1.58E-06	1.83E-06
4.61E+00	8.65E-08	2.46E-06	6.60E-07	6.09E-07	1.12E-06	1.32E-06	1.48E-06	2.00E-06
4.88E+00	8.11E-08	3.19E-06	6.18E-07	5.67E-07	1.05E-06	1.23E-06	1.38E-06	1.87E-06
5.17E+00	7.58E-08	3.42E-06	5.74E-07	5.27E-07	9.72E-07	1.14E-06	1.28E-06	1.73E-06
5.47E+00	7.06E-08	3.15E-06	5.33E-07	4.88E-07	9.01E-07	1.06E-06	1.18E-06	1.61E-06
5.78E+00	6.54E-08	4.77E-06	4.94E-07	4.49E-07	8.30E-07	9.75E-07	1.09E-06	1.49E-06
6.12E+00	6.03E-08	6.99E-06	4.57E-07	4.12E-07	7.65E-07	8.94E-07	1.02E-06	1.37E-06
6.48E+00	5.54E-08	7.38E-06	4.19E-07	3.76E-07	6.99E-07	8.17E-07	9.42E-07	1.30E-06
6.86E+00	5.06E-08	6.50E-06	3.82E-07	3.42E-07	6.41E-07	7.42E-07	8.66E-07	1.18E-06
7.26E+00	4.59E-08	5.66E-06	3.46E-07	3.08E-07	5.78E-07	6.69E-07	7.81E-07	1.10E-06
7.68E+00	4.13E-08	4.90E-06	3.10E-07	2.76E-07	5.19E-07	6.00E-07	6.99E-07	9.89E-07
8.13E+00	3.70E-08	4.19E-06	2.76E-07	2.47E-07	4.62E-07	5.34E-07	6.16E-07	8.80E-07
8.60E+00	3.29E-08	3.55E-06	2.43E-07	2.18E-07	4.10E-07	4.72E-07	5.45E-07	7.53E-07
9.10E+00	2.27E-08	2.98E-06	2.14E-07	1.92E-07	3.59E-07	4.14E-07	4.83E-07	6.61E-07
9.63E+00	1.98E-08	2.80E-06	1.88E-07	1.67E-07	3.11E-07	3.61E-07	4.18E-07	5.76E-07
1.00E+01	1.80E-08	2.72E-06	1.71E-07	1.52E-07	2.81E-07	3.28E-07	3.80E-07	5.24E-07
1.02E+01	1.71E-08	2.55E-06	1.62E-07	1.45E-07	2.68E-07	3.12E-07	3.61E-07	4.98E-07
1.08E+01	1.47E-08	2.02E-06	1.39E-07	1.24E-07	2.29E-07	2.67E-07	3.10E-07	4.24E-07
1.14E+01	1.25E-08	1.56E-06	1.18E-07	1.05E-07	1.97E-07	2.28E-07	2.71E-07	3.67E-07
1.21E+01	1.06E-08	1.23E-06	1.00E-07	8.86E-08	1.66E-07	1.91E-07	2.22E-07	3.03E-07
1.28E+01	8.81E-09	1.07E-06	8.33E-08	7.37E-08	1.38E-07	1.59E-07	1.85E-07	2.52E-07
1.35E+01	5.60E-09	7.59E-07	6.88E-08	6.09E-08	1.15E-07	1.34E-07	1.52E-07	2.12E-07
1.43E+01	4.58E-09	1.28E-06	5.73E-08	4.99E-08	9.36E-08	1.09E-07	1.25E-07	1.77E-07
1.51E+01	3.69E-09	1.16E-06	4.64E-08	4.02E-08	7.55E-08	8.80E-08	1.04E-07	1.50E-07
1.60E+01	2.94E-09	8.81E-07	3.68E-08	3.20E-08	6.06E-08	7.01E-08	8.22E-08	1.46E-07
1.70E+01	1.67E-09	6.59E-07	2.88E-08	2.52E-08	4.72E-08	5.51E-08	6.44E-08	9.62E-08
1.80E+01	1.24E-09	4.84E-07	2.22E-08	1.94E-08	3.66E-08	4.27E-08	4.98E-08	8.56E-08
1.90E+01	9.51E-10	3.49E-07	1.69E-08	1.48E-08	2.80E-08	3.25E-08	3.79E-08	6.47E-08

2.01E+01 7.16E-10 2.46E-07 1.26E-08 1.11E-08 2.11E-08 2.44E-08 2.80E-08 4.82E-08

2.13E+01 5.30E-10 1.70E-07 9.29E-09 8.18E-09 1.55E-08 1.80E-08 2.09E-08 3.42E-08

2.25E+01 3.85E-10 1.15E-07 6.77E-09 5.92E-09 1.14E-08 1.32E-08 1.56E-08 2.19E-08

2.38E+01 2.75E-10 7.55E-08 4.82E-09 4.20E-09 8.11E-09 9.40E-09 1.11E-08 1.55E-08

2.52E+01 1.93E-10 4.82E-08 3.36E-09 2.94E-09 5.67E-09 6.56E-09 7.87E-09 1.08E-08

2.67E+01 1.32E-10 2.99E-08 2.29E-09 2.00E-09 3.88E-09 4.45E-09 5.33E-09 7.01E-09

2.82E+01 8.87E-11 1.80E-08 1.53E-09 1.34E-09 2.60E-09 2.97E-09 3.57E-09 4.69E-09

2.99E+01 5.81E-11 1.04E-08 1.00E-09 8.77E-10 1.70E-09 1.94E-09 2.29E-09 3.07E-09

3.00E+01 5.64E-11 9.98E-09 9.74E-10 8.51E-10 1.65E-09 1.89E-09 2.20E-09 2.98E-09

3.16E+01 3.72E-11 5.77E-09 6.38E-10 5.59E-10 1.08E-09 1.23E-09 1.37E-09 1.94E-09

3.35E+01 2.32E-11 3.12E-09 3.94E-10 3.50E-10 6.70E-10 7.56E-10 8.46E-10 1.13E-09

3.54E+01 1.40E-11 1.88E-09 2.36E-10 2.11E-10 3.99E-10 4.54E-10 5.05E-10 6.77E-10

3.75E+01 8.27E-12 1.10E-09 1.38E-10 1.24E-10 2.34E-10 2.66E-10 2.96E-10 3.94E-10

3.97E+01 4.72E-12 6.25E-10 7.82E-11 7.04E-11 1.34E-10 1.52E-10 1.68E-10 2.22E-10

4.20E+01 2.61E-12 3.43E-10 4.29E-11 3.87E-11 7.37E-11 8.37E-11 9.23E-11 1.08E-10

4.44E+01 1.39E-12 1.82E-10 2.28E-11 2.05E-11 3.93E-11 4.45E-11 4.85E-11 5.71E-11

4.70E+01 7.17E-13 9.31E-11 1.17E-11 1.05E-11 2.02E-11 2.27E-11 2.49E-11 2.92E-11

4.97E+01 3.55E-13 4.58E-11 5.81E-12 5.16E-12 1.00E-11 1.12E-11 1.24E-11 1.79E-11

5.26E+01 1.69E-13 2.16E-11 2.75E-12 2.44E-12 4.77E-12 5.32E-12 5.97E-12 8.45E-12

5.57E+01 7.68E-14 9.74E-12 1.25E-12 1.11E-12 2.17E-12 2.43E-12 2.70E-12 3.80E-12

5.90E+01 3.34E-14 4.20E-12 5.42E-13 4.82E-13 9.43E-13 1.05E-12 1.16E-12 1.63E-12

2.4E+01 1.38E-14 1.72E-12 2.23E-13 1.98E-13 3.89E-13 4.34E-13 4.81E-13 6.21E-13

6.0E+01 5.44E-15 6.71E-13 8.77E-14 7.76E-14 1.52E-13 1.70E-13 1.87E-13 2.24E-13

99E+01 2.03E-15 2.48E-13 3.25E-14 2.88E-14 5.65E-14 6.28E-14 6.92E-14 8.01E-14

7.39E+01 7.13E-16 8.61E-14 1.14E-14 1.00E-14 1.99E-14 2.20E-14 2.45E-14 2.79E-14

7.82E+01 2.36E-16 2.82E-14 3.76E-15 3.30E-15 6.59E-15 7.22E-15 7.80E-15 9.22E-15

8.28E+01 7.32E-17 8.64E-15 1.16E-15 1.03E-15 2.05E-15 2.23E-15 2.41E-15 2.85E-15

8.76E+01 2.12E-17 2.47E-15 3.36E-16 2.96E-16 5.92E-16 6.42E-16 6.98E-16 8.26E-16

9.27E+01 5.72E-18 6.58E-16 9.10E-17 8.01E-17 1.61E-16 1.77E-16 1.96E-16 2.33E-16

9.81E+01 1.43E-18 1.62E-16 2.28E-17 1.99E-17 4.03E-17 4.43E-17 5.04E-17 6.17E-17

1.00E+02 8.85E-19 9.98E-17 1.41E-17 1.23E-17 2.49E-17 2.74E-17 3.19E-17 3.95E-17

1.04E+02 3.30E-19 3.68E-17 5.25E-18 4.55E-18 9.27E-18 1.02E-17 1.18E-17 1.46E-17

1.10E+02 6.97E-20 7.66E-18 1.11E-18 9.58E-19 1.96E-18 2.15E-18 2.50E-18 3.06E-18

1.16E+02 1.35E-20 1.46E-18 2.13E-19 1.85E-19 3.78E-19 4.13E-19 4.80E-19 5.72E-19

1.23E+02 2.37E-21 2.51E-19 3.73E-20 3.23E-20 6.60E-20 7.22E-20 8.33E-20 9.70E-20

1.30E+02 3.76E-22 3.91E-20 5.91E-21 5.12E-21 1.05E-20 1.14E-20 1.31E-20 1.52E-20

1.38E+02 5.36E-23 5.47E-21 8.40E-22 7.26E-22 1.49E-21 1.63E-21 1.87E-21 2.13E-21

1.46E+02 6.82E-24 6.82E-22 1.07E-22 9.23E-23 1.90E-22 2.07E-22 2.38E-22 2.65E-22

1.54E+02 7.70E-25 2.02E-22 1.23E-23 1.04E-23 2.15E-23 2.37E-23 2.68E-23 3.01E-23

1.63E+02 7.66E-26 1.43E-23 1.22E-24 1.03E-24 2.15E-24 2.39E-24 2.73E-24 3.18E-24

1.73E+02 6.65E-27 6.20E-25 1.06E-25 8.96E-26 1.86E-25 2.10E-25 2.39E-25 2.94E-25

1.83E+02 5.02E-28 4.55E-26 7.96E-27 6.72E-27 1.40E-26 1.58E-26 1.75E-26 2.18E-26

1.94E+02 3.24E-29 2.87E-27 5.22E-28 4.37E-28 9.18E-28 1.04E-27 1.19E-27 1.79E-27

2.05E+02 1.41E-30 3.00E-28 2.83E-29 2.29E-29 5.08E-29 5.69E-29 6.78E-29 1.01E-28

2.17E+02 0.00E+00 1.13E-29 6.85E-31 0.00E+00 1.99E-30 2.01E-30 2.21E-30 4.66E-30

2.29E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.43E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.57E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.72E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.88E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.00E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.05E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.22E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.41E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.61E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

3.82E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.04E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.28E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

4.79E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.07E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

5.68E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

0.01E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.36E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

6.73E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.12E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.53E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

7.97E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

8.44E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.93E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

9.45E+02 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

1.00E+03 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA FE-55.RAD

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

Repetition	Time of peak mean dose Years	Peak mean dose mrem/yr
1	0.000E+00	2.155E-06
2	0.000E+00	2.157E-06
3	0.000E+00	2.154E-06

Title : RESRAD Default Parameters
 Input File : FCS BURIED PIPE INSITU UA FE-55.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC	SRC	PRCC	SRRC
Repetition =	1	1	1	1

Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Contaminated zone erosion rate	9	0.03	9	0.02	7	0.04	7	0.03
Contaminated zone b parameter	14	0.01	14	0.01	11	0.03	11	0.02
Evapotranspiration coefficient	12	-0.02	12	-0.02	8	-0.03	8	-0.03
Wind Speed	7	-0.03	7	-0.03	5	-0.05	5	-0.04
Runoff coefficient	16	0.01	16	0.00	12	0.03	12	0.02
b Parameter of Unsaturated zone 1	11	-0.02	11	-0.02	9	-0.03	9	-0.02
Mass loading for inhalation	18	0.00	18	0.00	18	0.01	18	0.00
Indoor dust filtration factor	17	0.00	17	0.00	17	-0.01	17	-0.01
Depth of soil mixing layer	5	-0.04	5	-0.03	6	-0.04	6	-0.03
Depth of roots	3	0.10	3	0.09	2	0.09	2	0.08
Wet weight crop yield of fruit, grain and non-leafy vegetables	4	-0.07	4	-0.06	3	-0.08	3	-0.07
Weathering removal constant of all vegetation	6	-0.03	6	-0.03	4	-0.05	4	-0.04
Wet foliar interception fraction of leafy vegetables	13	-0.01	13	-0.01	14	-0.02	14	-0.02
Humidity in air	8	0.03	8	0.02	13	-0.02	13	-0.02
Cover erosion rate	2	0.15	2	0.13	10	0.03	10	0.02
Kd of Fe-55 in Contaminated Zone	10	0.03	10	0.02	16	0.01	16	0.01
Kd of Fe-55 in Saturated Zone	15	-0.01	15	-0.01	15	-0.01	15	-0.01
Well pump intake depth	1	-0.50	1	-0.49	1	-0.51	1	-0.50
R-SQUARE		0.28		0.28		0.27		0.27

-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 : RESRAD Default Parameters
 Input File : FCS BURIED PIPE INSITU UA FE-55.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
Contaminated zone erosion rate	11	-0.02	11	-0.02	8	0.02	8	0.02
Contaminated zone b parameter	4	-0.04	4	-0.04	4	-0.05	4	-0.04
Evapotranspiration coefficient	17	0.00	17	0.00	7	-0.03	7	-0.02
Wind Speed	9	0.03	9	0.02	3	0.05	3	0.04
Runoff coefficient	12	0.02	12	0.01	18	0.00	18	0.00
b Parameter of Unsaturated zone 1	7	-0.03	7	-0.03	5	-0.03	5	-0.03
Mass loading for inhalation	6	-0.04	6	-0.03	9	-0.02	9	-0.02
Indoor dust filtration factor	13	-0.02	13	-0.01	16	-0.01	16	-0.01
Depth of soil mixing layer	10	-0.02	10	-0.02	10	-0.02	10	-0.01
Depth of roots	3	0.12	3	0.10	2	0.10	2	0.08
Wet weight crop yield of fruit, grain and non-leafy vegetables	8	0.03	8	0.03	6	0.03	6	0.02
Weathering removal constant of all vegetation	5	-0.04	5	-0.04	11	-0.02	11	-0.01
Wet foliar interception fraction of leafy vegetables	16	0.00	16	0.00	14	0.01	14	0.01
Humidity in air	14	0.01	14	0.01	17	0.01	17	0.01
Cover erosion rate	2	0.22	2	0.18	13	0.01	13	0.01
Kd of Fe-55 in Contaminated Zone	15	0.01	15	0.01	15	0.01	15	0.01
Kd of Fe-55 in Saturated Zone	18	0.00	18	0.00	12	-0.01	12	-0.01
Well pump intake depth	1	-0.53	1	-0.52	1	-0.55	1	-0.55

R-SQUARE 0.32 0.32 0.32 0.32

-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 : RESRAD Default Parameters
 Input File : FCS BURIED PIPE INSITU UA FE-55.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
Contaminated zone erosion rate	9	-0.02	9	-0.02	15	0.01	15	0.01
Contaminated zone b parameter	11	0.02	11	0.02	17	0.00	17	0.00
Evapotranspiration coefficient	18	0.00	18	0.00	14	-0.01	14	-0.01
Wind Speed	13	0.02	13	0.02	8	0.03	8	0.02
Runoff coefficient	15	-0.01	15	-0.01	12	-0.02	12	-0.01
b Parameter of Unsaturated zone 1	6	-0.03	6	-0.03	7	-0.04	7	-0.03
Mass loading for inhalation	16	-0.01	16	-0.01	11	0.02	11	0.01
Indoor dust filtration factor	4	-0.07	4	-0.05	3	-0.06	3	-0.05
Depth of soil mixing layer	8	-0.03	8	-0.02	10	-0.02	10	-0.02
Depth of roots	3	0.12	3	0.10	2	0.12	2	0.10
Wet weight crop yield of fruit, grain and non-leafy vegetables	7	-0.03	7	-0.03	5	-0.05	5	-0.04
Weathering removal constant of all vegetation	10	0.02	10	0.02	18	0.00	18	0.00
Wet foliar interception fraction of leafy vegetables	14	-0.02	14	-0.02	9	-0.03	9	-0.02
Humidity in air	5	0.04	5	0.03	4	0.05	4	0.04
Cover erosion rate	2	0.13	2	0.11	6	0.04	6	0.04
Kd of Fe-55 in Contaminated Zone	17	0.01	17	0.01	13	-0.01	13	-0.01
Kd of Fe-55 in Saturated Zone	12	0.02	12	0.02	16	-0.01	16	0.00
Well pump intake depth	1	-0.54	1	-0.54	1	-0.56	1	-0.55
R-SQUARE		0.32		0.32		0.33		0.33

-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.