

Probabilistic results summary : RESRAD Default Parameters

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Probabilistic Input

Number of Sample Runs: 1500

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	6.27	1.79																
17	DCACTS(1)	LOGNORMAL-N	6.27	1.79																
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		
Cs-134												
Min	0.00E+00	4.39E-07	4.39E-07	3.16E-07	1.64E-07	1.64E-08	1.23E-11	5.00E-22	0.00E+00	0.00E+00		
Max	2.46E+01	1.71E-01	3.60E-02	2.02E-02	1.05E-02	4.00E-02	4.93E-05	2.71E-15	0.00E+00	0.00E+00		
Avg	2.12E-01	8.23E-03	7.42E-03	5.15E-03	2.54E-03	5.25E-04	5.59E-07	2.47E-17	0.00E+00	0.00E+00		
Std	1.58E+00	1.01E-02	4.93E-03	3.40E-03	1.73E-03	3.05E-03	3.21E-06	1.54E-16	0.00E+00	0.00E+00		
ALL												
Min	0.00E+00	4.39E-07	4.39E-07	3.16E-07	1.64E-07	1.64E-08	1.23E-11	5.00E-22	0.00E+00	0.00E+00		
Max	2.46E+01	1.71E-01	3.60E-02	2.02E-02	1.05E-02	4.00E-02	4.93E-05	2.71E-15	0.00E+00	0.00E+00		
Avg	2.12E-01	8.23E-03	7.42E-03	5.15E-03	2.54E-03	5.25E-04	5.59E-07	2.47E-17	0.00E+00	0.00E+00		
Std	1.58E+00	1.01E-02	4.93E-03	3.40E-03	1.73E-03	3.05E-03	3.21E-06	1.54E-16	0.00E+00	0.00E+00		

ALL is total dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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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
Cs-134								
Min	1.05E-11	7.53E-12	3.90E-12	3.88E-13	2.61E-16	1.06E-26	0.00E+00	0.00E+00
Max	8.68E-07	4.90E-07	2.52E-07	1.08E-06	1.30E-09	7.16E-20	0.00E+00	0.00E+00
Avg	1.86E-07	1.28E-07	6.31E-08	1.30E-08	1.42E-11	6.37E-22	0.00E+00	0.00E+00
Std	1.26E-07	8.49E-08	4.29E-08	7.77E-08	8.31E-11	4.10E-21	0.00E+00	0.00E+00
ALL								
Min	1.05E-11	7.53E-12	3.90E-12	3.88E-13	2.61E-16	1.06E-26	0.00E+00	0.00E+00
Max	8.68E-07	4.90E-07	2.52E-07	1.08E-06	1.30E-09	7.16E-20	0.00E+00	0.00E+00
Avg	1.86E-07	1.28E-07	6.31E-08	1.30E-08	1.42E-11	6.37E-22	0.00E+00	0.00E+00
Std	1.26E-07	8.49E-08	4.29E-08	7.77E-08	8.31E-11	4.10E-21	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
-----	-----	-----	-----	-----	-----	-----	-----	-----
CS-134								
Min	2.32E-08	1.75E-13	9.94E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.08E-06	1.10E-05	1.14E-03	3.91E-02	4.82E-05	2.64E-15	0.00E+00	0.00E+00
Avg	2.38E-07	2.13E-07	2.38E-06	3.05E-04	3.31E-07	1.39E-17	0.00E+00	0.00E+00
Std	5.44E-08	5.01E-07	3.81E-05	3.02E-03	3.18E-06	1.52E-16	0.00E+00	0.00E+00
ALL								
Min	2.32E-08	1.75E-13	9.94E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	1.08E-06	1.10E-05	1.14E-03	3.91E-02	4.82E-05	2.64E-15	0.00E+00	0.00E+00
Avg	2.38E-07	2.13E-07	2.38E-06	3.05E-04	3.31E-07	1.39E-17	0.00E+00	0.00E+00
Std	5.44E-08	5.01E-07	3.81E-05	3.02E-03	3.18E-06	1.52E-16	0.00E+00	0.00E+00
-----	-----	-----	-----	-----	-----	-----	-----	-----

ALL is total pathway dose summed for all nuclides.

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

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
CS-134								
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	2.65E-11	2.79E-09	2.75E-12	9.29E-22	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	1.77E-14	1.07E-11	1.10E-14	1.21E-24	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	6.83E-13	1.27E-10	1.36E-13	2.52E-23	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	2.65E-11	2.79E-09	2.75E-12	9.29E-22	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	1.77E-14	1.07E-11	1.10E-14	1.21E-24	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	6.83E-13	1.27E-10	1.36E-13	2.52E-23	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
Cs-134								
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
<b>Cs-134</b>								
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	1.47E-02	1.05E-02	7.84E-03	6.80E-04	1.34E-06	5.35E-17	0.00E+00	0.00E+00
Avg	5.64E-03	3.94E-03	1.95E-03	1.68E-04	1.72E-07	8.01E-18	0.00E+00	0.00E+00
Std	3.82E-03	2.69E-03	1.38E-03	1.29E-04	1.56E-07	9.33E-18	0.00E+00	0.00E+00
<b>ALL</b>								
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	1.47E-02	1.05E-02	7.84E-03	6.80E-04	1.34E-06	5.35E-17	0.00E+00	0.00E+00
Avg	5.64E-03	3.94E-03	1.95E-03	1.68E-04	1.72E-07	8.01E-18	0.00E+00	0.00E+00
Std	3.82E-03	2.69E-03	1.38E-03	1.29E-04	1.56E-07	9.33E-18	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.



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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
CS-134								
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	1.39E-03	9.91E-04	7.44E-04	1.73E-04	2.40E-07	3.20E-17	0.00E+00	0.00E+00
Avg	5.36E-04	3.74E-04	1.85E-04	1.65E-05	1.70E-08	8.06E-19	0.00E+00	0.00E+00
Std	3.62E-04	2.55E-04	1.30E-04	1.43E-05	1.76E-08	1.26E-18	0.00E+00	0.00E+00
TOTAL								
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	1.39E-03	9.91E-04	7.44E-04	1.73E-04	2.40E-07	3.20E-17	0.00E+00	0.00E+00
Avg	5.36E-04	3.74E-04	1.85E-04	1.65E-05	1.70E-08	8.06E-19	0.00E+00	0.00E+00
Std	3.62E-04	2.55E-04	1.30E-04	1.43E-05	1.76E-08	1.26E-18	0.00E+00	0.00E+00

TOTAL is total pathway dose summed for all nuclides.

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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
-----	-----	-----	-----	-----	-----	-----	-----	-----
CS-134								
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	2.42E-03	1.73E-03	1.30E-03	1.87E-04	2.80E-07	2.59E-17	0.00E+00	0.00E+00
Avg	9.33E-04	6.51E-04	3.21E-04	2.82E-05	2.89E-08	1.36E-18	0.00E+00	0.00E+00
Std	6.31E-04	4.44E-04	2.27E-04	2.23E-05	2.71E-08	1.70E-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	2.42E-03	1.73E-03	1.30E-03	1.87E-04	2.80E-07	2.59E-17	0.00E+00	0.00E+00
Avg	9.33E-04	6.51E-04	3.21E-04	2.82E-05	2.89E-08	1.36E-18	0.00E+00	0.00E+00
Std	6.31E-04	4.44E-04	2.27E-04	2.23E-05	2.71E-08	1.70E-18	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
Cs-134								
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	7.28E-08	5.84E-06	6.13E-09	1.32E-18	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	4.85E-11	2.77E-08	3.30E-11	2.13E-21	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	1.88E-09	2.77E-07	3.55E-10	3.71E-20	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	7.28E-08	5.84E-06	6.13E-09	1.32E-18	0.00E+00	0.00E+00
Avg	0.00E+00	0.00E+00	4.85E-11	2.77E-08	3.30E-11	2.13E-21	0.00E+00	0.00E+00
Std	0.00E+00	0.00E+00	1.88E-09	2.77E-07	3.55E-10	3.71E-20	0.00E+00	0.00E+00

ALL is total pathway dose summed for all nuclides.

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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
CS-134								
Min	9.82E-08	7.08E-08	3.68E-08	3.70E-09	5.17E-12	4.00E-22	0.00E+00	0.00E+00
Max	2.52E-02	1.42E-02	4.50E-03	3.06E-04	4.72E-07	9.82E-18	0.00E+00	0.00E+00
Avg	2.46E-04	1.49E-04	6.66E-05	5.98E-06	7.92E-09	4.60E-19	0.00E+00	0.00E+00
Std	9.80E-04	4.94E-04	1.76E-04	1.52E-05	2.37E-08	9.66E-19	0.00E+00	0.00E+00
TOTAL								
Min	9.82E-08	7.08E-08	3.68E-08	3.70E-09	5.17E-12	4.00E-22	0.00E+00	0.00E+00
Max	2.52E-02	1.42E-02	4.50E-03	3.06E-04	4.72E-07	9.82E-18	0.00E+00	0.00E+00
Avg	2.46E-04	1.49E-04	6.66E-05	5.98E-06	7.92E-09	4.60E-19	0.00E+00	0.00E+00
Std	9.80E-04	4.94E-04	1.76E-04	1.52E-05	2.37E-08	9.66E-19	0.00E+00	0.00E+00

TOTAL is total pathway dose summed for all nuclides.

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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
Cs-134								
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 : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA CS-134.RAD

Probabilistic Dose vs Pathway(i): Radon (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
CS-134								
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 : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA CS-134.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
CS-134								
Min	7.96E-09	6.98E-09	3.73E-09	3.94E-10	6.05E-13	1.95E-23	0.00E+00	0.00E+00
Max	9.41E-04	5.29E-04	1.87E-04	3.26E-05	5.04E-08	1.43E-18	0.00E+00	0.00E+00
Avg	2.07E-05	1.29E-05	5.95E-06	5.47E-07	7.26E-10	4.24E-20	0.00E+00	0.00E+00
Std	6.00E-05	3.21E-05	1.36E-05	1.46E-06	2.32E-09	9.79E-20	0.00E+00	0.00E+00
ALL								
Min	7.96E-09	6.98E-09	3.73E-09	3.94E-10	6.05E-13	1.95E-23	0.00E+00	0.00E+00
Max	9.41E-04	5.29E-04	1.87E-04	3.26E-05	5.04E-08	1.43E-18	0.00E+00	0.00E+00
Avg	2.07E-05	1.29E-05	5.95E-06	5.47E-07	7.26E-10	4.24E-20	0.00E+00	0.00E+00
Std	6.00E-05	3.21E-05	1.36E-05	1.46E-06	2.32E-09	9.79E-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 CS-134.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
Cs-134								
Min	9.93E-09	7.16E-09	3.72E-09	3.75E-10	5.23E-13	2.95E-23	0.00E+00	0.00E+00
Max	1.64E-03	9.23E-04	2.93E-04	2.54E-05	3.96E-08	8.23E-19	0.00E+00	0.00E+00
Avg	1.90E-05	1.15E-05	5.12E-06	4.60E-07	6.11E-10	3.55E-20	0.00E+00	0.00E+00
Std	7.07E-05	3.49E-05	1.27E-05	1.18E-06	1.85E-09	7.51E-20	0.00E+00	0.00E+00
ALL								
Min	9.93E-09	7.16E-09	3.72E-09	3.75E-10	5.23E-13	2.95E-23	0.00E+00	0.00E+00
Max	1.64E-03	9.23E-04	2.93E-04	2.54E-05	3.96E-08	8.23E-19	0.00E+00	0.00E+00
Avg	1.90E-05	1.15E-05	5.12E-06	4.60E-07	6.11E-10	3.55E-20	0.00E+00	0.00E+00
Std	7.07E-05	3.49E-05	1.27E-05	1.18E-06	1.85E-09	7.51E-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 CS-134.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
<b>Cs-134</b>								
Min	1.18E-08	8.56E-09	4.51E-09	4.75E-10	6.56E-13	3.12E-23	0.00E+00	0.00E+00
Max	1.76E-03	9.90E-04	3.14E-04	3.15E-05	4.90E-08	1.06E-18	0.00E+00	0.00E+00
Avg	2.23E-05	1.36E-05	6.09E-06	5.50E-07	7.30E-10	4.25E-20	0.00E+00	0.00E+00
Std	7.93E-05	3.95E-05	1.48E-05	1.42E-06	2.24E-09	9.08E-20	0.00E+00	0.00E+00
<b>ALL</b>								
Min	1.18E-08	8.56E-09	4.51E-09	4.75E-10	6.56E-13	3.12E-23	0.00E+00	0.00E+00
Max	1.76E-03	9.90E-04	3.14E-04	3.15E-05	4.90E-08	1.06E-18	0.00E+00	0.00E+00
Avg	2.23E-05	1.36E-05	6.09E-06	5.50E-07	7.30E-10	4.25E-20	0.00E+00	0.00E+00
Std	7.93E-05	3.95E-05	1.48E-05	1.42E-06	2.24E-09	9.08E-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 CS-134.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	5.52E-06	4.05E-06	2.13E-06	2.36E-07	2.60E-10	1.67E-20	0.00E+00	0.00E+00
0.050	1.52E-05	1.16E-05	6.37E-06	6.87E-07	7.66E-10	4.23E-20	0.00E+00	0.00E+00
0.075	2.65E-05	2.17E-05	1.25E-05	1.27E-06	1.39E-09	7.24E-20	0.00E+00	0.00E+00
0.100	4.83E-05	3.57E-05	1.98E-05	2.27E-06	2.25E-09	1.08E-19	0.00E+00	0.00E+00
0.125	9.22E-05	6.95E-05	4.14E-05	3.69E-06	3.76E-09	1.47E-19	0.00E+00	0.00E+00
0.150	1.74E-04	1.29E-04	6.79E-05	5.19E-06	5.26E-09	2.05E-19	0.00E+00	0.00E+00
0.175	3.40E-04	2.53E-04	1.27E-04	8.52E-06	8.58E-09	2.94E-19	0.00E+00	0.00E+00
0.200	8.21E-04	5.72E-04	2.59E-04	1.46E-05	1.26E-08	4.14E-19	0.00E+00	0.00E+00
0.225	5.27E-03	3.65E-03	1.36E-03	3.46E-05	1.94E-08	5.63E-19	0.00E+00	0.00E+00
0.250	5.44E-03	3.81E-03	1.82E-03	9.74E-05	3.27E-08	7.04E-19	0.00E+00	0.00E+00
0.275	5.57E-03	3.93E-03	1.92E-03	1.24E-04	5.28E-08	9.72E-19	0.00E+00	0.00E+00
0.300	5.79E-03	4.05E-03	1.97E-03	1.55E-04	8.29E-08	1.29E-18	0.00E+00	0.00E+00
0.325	5.95E-03	4.16E-03	2.03E-03	1.70E-04	1.09E-07	1.71E-18	0.00E+00	0.00E+00
0.350	6.08E-03	4.25E-03	2.08E-03	1.78E-04	1.34E-07	2.46E-18	0.00E+00	0.00E+00
0.375	6.24E-03	4.33E-03	2.13E-03	1.83E-04	1.57E-07	3.09E-18	0.00E+00	0.00E+00
0.400	6.46E-03	4.51E-03	2.18E-03	1.90E-04	1.79E-07	3.95E-18	0.00E+00	0.00E+00
0.425	6.65E-03	4.63E-03	2.25E-03	1.96E-04	1.97E-07	4.94E-18	0.00E+00	0.00E+00
0.450	6.83E-03	4.77E-03	2.30E-03	2.02E-04	2.10E-07	5.97E-18	0.00E+00	0.00E+00
0.475	7.02E-03	4.88E-03	2.39E-03	2.07E-04	2.18E-07	6.93E-18	0.00E+00	0.00E+00
0.500	7.19E-03	5.03E-03	2.47E-03	2.14E-04	2.26E-07	7.97E-18	0.00E+00	0.00E+00
0.525	7.46E-03	5.13E-03	2.53E-03	2.21E-04	2.31E-07	9.08E-18	0.00E+00	0.00E+00
0.550	7.76E-03	5.33E-03	2.60E-03	2.30E-04	2.40E-07	1.02E-17	0.00E+00	0.00E+00
0.575	7.98E-03	5.54E-03	2.70E-03	2.38E-04	2.49E-07	1.11E-17	0.00E+00	0.00E+00
0.600	8.26E-03	5.73E-03	2.82E-03	2.46E-04	2.60E-07	1.20E-17	0.00E+00	0.00E+00
0.625	8.52E-03	5.94E-03	2.91E-03	2.56E-04	2.70E-07	1.27E-17	0.00E+00	0.00E+00
0.650	8.89E-03	6.15E-03	3.03E-03	2.66E-04	2.80E-07	1.33E-17	0.00E+00	0.00E+00
0.675	9.17E-03	6.34E-03	3.15E-03	2.77E-04	2.92E-07	1.41E-17	0.00E+00	0.00E+00
0.700	9.58E-03	6.61E-03	3.27E-03	2.91E-04	3.05E-07	1.47E-17	0.00E+00	0.00E+00
0.725	9.98E-03	6.90E-03	3.39E-03	3.04E-04	3.23E-07	1.54E-17	0.00E+00	0.00E+00
0.750	1.04E-02	7.22E-03	3.54E-03	3.16E-04	3.45E-07	1.66E-17	0.00E+00	0.00E+00
0.775	1.09E-02	7.55E-03	3.70E-03	3.33E-04	3.64E-07	1.74E-17	0.00E+00	0.00E+00
0.800	1.14E-02	7.91E-03	3.90E-03	3.52E-04	3.82E-07	1.87E-17	0.00E+00	0.00E+00
0.825	1.19E-02	8.31E-03	4.12E-03	3.76E-04	4.09E-07	2.06E-17	0.00E+00	0.00E+00
0.850	1.26E-02	8.72E-03	4.31E-03	3.96E-04	4.36E-07	2.32E-17	0.00E+00	0.00E+00
0.875	1.33E-02	9.26E-03	4.62E-03	4.27E-04	4.72E-07	2.61E-17	0.00E+00	0.00E+00
0.900	1.42E-02	9.92E-03	4.95E-03	4.61E-04	5.23E-07	2.87E-17	0.00E+00	0.00E+00
0.925	1.51E-02	1.05E-02	5.22E-03	4.89E-04	5.71E-07	3.26E-17	0.00E+00	0.00E+00
0.950	1.62E-02	1.12E-02	5.63E-03	5.47E-04	6.35E-07	3.75E-17	0.00E+00	0.00E+00
0.975	1.74E-02	1.21E-02	6.22E-03	6.10E-04	7.32E-07	4.82E-17	0.00E+00	0.00E+00
1.000	3.60E-02	2.02E-02	1.05E-02	4.00E-02	4.93E-05	2.71E-15	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 CS-134.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	5.17E-07	1.85E-02	7.40E-03	7.24E-03	1.41E-02	1.63E-02	1.73E-02	1.81E-02
1.00E+00	3.83E-07	1.32E-02	5.13E-03	5.05E-03	9.83E-03	1.11E-02	1.21E-02	1.29E-02
1.06E+00	3.77E-07	1.30E-02	5.02E-03	4.92E-03	9.63E-03	1.09E-02	1.19E-02	1.27E-02
1.12E+00	3.70E-07	1.27E-02	4.91E-03	4.81E-03	9.43E-03	1.06E-02	1.17E-02	1.24E-02
1.19E+00	3.63E-07	1.24E-02	4.80E-03	4.69E-03	9.22E-03	1.04E-02	1.14E-02	1.22E-02
1.25E+00	3.55E-07	1.21E-02	4.68E-03	4.57E-03	9.00E-03	1.02E-02	1.11E-02	1.19E-02
1.33E+00	3.48E-07	1.18E-02	4.56E-03	4.46E-03	8.78E-03	9.93E-03	1.08E-02	1.16E-02
1.40E+00	3.40E-07	1.15E-02	4.44E-03	4.33E-03	8.55E-03	9.68E-03	1.05E-02	1.13E-02
1.49E+00	3.31E-07	1.12E-02	4.31E-03	4.20E-03	8.32E-03	9.41E-03	1.02E-02	1.10E-02
1.57E+00	3.23E-07	1.09E-02	4.18E-03	4.06E-03	8.07E-03	9.13E-03	1.00E-02	1.07E-02
1.66E+00	3.14E-07	1.06E-02	4.04E-03	3.93E-03	7.83E-03	8.83E-03	9.70E-03	1.03E-02
1.76E+00	3.05E-07	1.02E-02	3.90E-03	3.79E-03	7.57E-03	8.55E-03	9.39E-03	1.00E-02
1.86E+00	2.96E-07	9.87E-03	3.76E-03	3.65E-03	7.26E-03	8.25E-03	9.07E-03	9.67E-03
1.97E+00	2.86E-07	9.52E-03	3.62E-03	3.52E-03	6.90E-03	7.93E-03	8.74E-03	9.32E-03
2.09E+00	2.77E-07	9.16E-03	3.47E-03	3.37E-03	6.76E-03	7.60E-03	8.41E-03	8.97E-03
2.21E+00	2.67E-07	8.79E-03	3.33E-03	3.23E-03	6.46E-03	7.29E-03	8.07E-03	8.61E-03
2.24E+00	2.57E-07	8.47E-03	3.18E-03	3.09E-03	6.16E-03	6.98E-03	7.72E-03	8.25E-03
2.47E+00	2.47E-07	8.12E-03	3.03E-03	2.93E-03	5.83E-03	6.67E-03	7.38E-03	7.88E-03
2.62E+00	2.36E-07	7.74E-03	2.88E-03	2.78E-03	5.54E-03	6.40E-03	7.03E-03	7.50E-03
2.77E+00	2.26E-07	7.35E-03	2.73E-03	2.64E-03	5.24E-03	6.08E-03	6.67E-03	7.13E-03
2.93E+00	2.15E-07	6.97E-03	2.58E-03	2.49E-03	4.96E-03	5.76E-03	6.32E-03	6.75E-03
3.00E+00	2.11E-07	6.81E-03	2.51E-03	2.43E-03	4.84E-03	5.63E-03	6.21E-03	6.60E-03
3.10E+00	2.04E-07	6.58E-03	2.43E-03	2.35E-03	4.68E-03	5.43E-03	6.06E-03	6.37E-03
3.28E+00	1.93E-07	6.19E-03	2.28E-03	2.21E-03	4.40E-03	5.10E-03	5.71E-03	6.00E-03
3.48E+00	1.83E-07	9.55E-03	2.14E-03	2.06E-03	4.13E-03	4.76E-03	5.42E-03	5.64E-03
3.68E+00	1.72E-07	1.47E-02	2.01E-03	1.91E-03	3.85E-03	4.48E-03	5.06E-03	5.27E-03
3.89E+00	1.61E-07	2.12E-02	1.88E-03	1.78E-03	3.58E-03	4.17E-03	4.71E-03	4.90E-03
4.12E+00	1.51E-07	3.00E-02	1.76E-03	1.65E-03	3.32E-03	3.86E-03	4.36E-03	4.54E-03
4.36E+00	1.40E-07	4.08E-02	1.64E-03	1.52E-03	3.06E-03	3.56E-03	4.02E-03	4.26E-03
4.61E+00	1.30E-07	6.14E-02	1.55E-03	1.39E-03	2.81E-03	3.28E-03	3.70E-03	3.95E-03
4.88E+00	1.20E-07	1.01E-01	1.51E-03	1.27E-03	2.56E-03	3.00E-03	3.38E-03	3.60E-03
5.17E+00	1.10E-07	1.38E-01	1.47E-03	1.15E-03	2.33E-03	2.73E-03	3.07E-03	3.27E-03
5.47E+00	1.01E-07	1.66E-01	1.43E-03	1.04E-03	2.10E-03	2.46E-03	2.77E-03	2.95E-03
5.78E+00	9.14E-08	1.64E-01	1.34E-03	9.24E-04	1.89E-03	2.21E-03	2.49E-03	2.65E-03
6.12E+00	8.26E-08	1.41E-01	1.25E-03	8.21E-04	1.69E-03	1.98E-03	2.23E-03	2.38E-03
6.48E+00	7.42E-08	1.20E-01	1.20E-03	7.23E-04	1.50E-03	1.81E-03	1.98E-03	2.11E-03
6.86E+00	6.63E-08	1.02E-01	1.16E-03	6.34E-04	1.32E-03	1.59E-03	1.77E-03	2.13E-03
7.26E+00	5.88E-08	8.62E-02	1.09E-03	5.48E-04	1.15E-03	1.39E-03	1.54E-03	2.76E-03
7.68E+00	5.18E-08	8.81E-02	9.73E-04	4.70E-04	9.98E-04	1.20E-03	1.34E-03	3.99E-03
8.13E+00	4.53E-08	7.44E-02	8.47E-04	4.03E-04	8.59E-04	1.03E-03	1.15E-03	6.14E-03
8.60E+00	3.93E-08	6.22E-02	7.52E-04	3.43E-04	7.32E-04	8.83E-04	9.94E-04	9.91E-03
9.10E+00	3.38E-08	5.13E-02	6.66E-04	2.89E-04	6.19E-04	7.43E-04	8.39E-04	1.69E-02
9.63E+00	2.88E-08	4.19E-02	5.79E-04	2.38E-04	5.17E-04	6.22E-04	7.06E-04	2.56E-02
1.00E+01	2.58E-08	3.64E-02	5.20E-04	2.10E-04	4.56E-04	5.48E-04	6.23E-04	2.07E-02
1.02E+01	2.44E-08	3.38E-02	4.88E-04	1.95E-04	4.28E-04	5.14E-04	5.84E-04	1.85E-02
1.08E+01	2.04E-08	2.69E-02	3.93E-04	1.59E-04	3.53E-04	4.20E-04	4.78E-04	1.29E-02
1.14E+01	1.69E-08	2.11E-02	3.17E-04	1.28E-04	2.85E-04	3.39E-04	3.87E-04	8.44E-03
1.21E+01	1.39E-08	1.63E-02	2.60E-04	1.02E-04	2.27E-04	2.70E-04	3.09E-04	1.06E-02
1.28E+01	1.12E-08	1.24E-02	1.97E-04	7.98E-05	1.79E-04	2.13E-04	2.44E-04	7.44E-03
1.35E+01	8.98E-09	9.21E-03	1.42E-04	6.17E-05	1.39E-04	1.66E-04	1.90E-04	4.95E-03
1.43E+01	7.09E-09	9.41E-03	1.12E-04	4.69E-05	1.06E-04	1.26E-04	1.45E-04	3.15E-03
1.51E+01	5.53E-09	6.94E-03	8.33E-05	3.51E-05	8.01E-05	9.51E-05	1.10E-04	1.88E-03
1.60E+01	4.24E-09	4.98E-03	6.25E-05	2.61E-05	5.95E-05	7.04E-05	8.17E-05	2.25E-03
1.70E+01	3.21E-09	3.54E-03	4.63E-05	1.89E-05	4.34E-05	5.13E-05	5.96E-05	1.31E-03
1.80E+01	2.39E-09	2.41E-03	3.14E-05	1.35E-05	3.11E-05	3.68E-05	4.26E-05	6.88E-04
1.90E+01	1.75E-09	1.62E-03	2.13E-05	9.36E-06	2.19E-05	2.57E-05	3.00E-05	4.16E-04

2.01E+01 1.26E-09 1.06E-03 1.46E-05 6.42E-06 1.51E-05 1.82E-05 2.07E-05 5.34E-04

2.13E+01 4.57E-10 8.50E-04 1.02E-05 4.32E-06 1.01E-05 1.20E-05 1.40E-05 2.99E-04

2.25E+01 3.01E-10 5.62E-04 6.25E-06 2.84E-06 6.66E-06 7.91E-06 9.18E-06 1.39E-04

2.38E+01 1.94E-10 3.32E-04 3.69E-06 1.82E-06 4.27E-06 5.08E-06 5.89E-06 6.25E-05

2.52E+01 1.22E-10 1.88E-04 2.22E-06 1.13E-06 2.68E-06 3.16E-06 3.69E-06 3.57E-05



2.67E+01 7.43E-11 1.01E-04 1.34E-06 6.88E-07 1.63E-06 1.93E-06 2.23E-06 2.00E-05

2.82E+01 2.23E-11 5.00E-05 7.91E-07 4.05E-07 9.68E-07 1.14E-06 1.33E-06 2.21E-05

2.99E+01 1.28E-11 2.76E-05 4.58E-07 2.31E-07 5.63E-07 6.61E-07 7.62E-07 1.68E-05

3.00E+01 1.23E-11 2.81E-05 4.42E-07 2.22E-07 5.40E-07 6.35E-07 7.32E-07 1.59E-05

3.16E+01 7.13E-12 2.48E-05 2.62E-07 1.27E-07 3.16E-07 3.78E-07 4.31E-07 6.98E-06

3.35E+01 3.84E-12 1.18E-05 1.34E-07 6.75E-08 1.74E-07 2.09E-07 2.38E-07 2.08E-06

3.54E+01 1.99E-12 5.22E-06 6.26E-08 3.43E-08 8.76E-08 1.04E-07 1.21E-07 6.54E-07

3.75E+01 9.97E-13 2.05E-06 2.95E-08 1.69E-08 4.35E-08 5.12E-08 5.95E-08 1.98E-07



3.97E+01 4.78E-13 9.14E-07 1.38E-08 7.92E-09 2.08E-08 2.46E-08 2.84E-08 3.33E-08

4.20E+01 2.20E-13 6.39E-07 6.54E-09 3.59E-09 9.52E-09 1.13E-08 1.30E-08 1.53E-08

4.44E+01 9.67E-14 2.57E-07 2.64E-09 1.53E-09 4.14E-09 4.90E-09 5.70E-09 6.47E-09

4.70E+01 4.05E-14 9.75E-08 1.07E-09 6.24E-10 1.75E-09 2.07E-09 2.38E-09 2.71E-09

4.97E+01 1.61E-14 3.45E-08 4.08E-10 2.44E-10 6.93E-10 8.23E-10 9.49E-10 1.12E-09

5.26E+01 6.10E-15 1.13E-08 1.48E-10 9.04E-11 2.59E-10 3.10E-10 3.57E-10 4.22E-10

5.57E+01 2.17E-15 3.30E-09 5.12E-11 3.17E-11 9.12E-11 1.11E-10 1.33E-10 1.50E-10

90E+01 7.31E-16 9.15E-10 1.67E-11 1.04E-11 3.11E-11 3.70E-11 4.31E-11 6.24E-11



6.24E+01 2.30E-16 2.90E-10 5.34E-12 3.18E-12 9.73E-12 1.17E-11 1.40E-11 2.92E-11

60E+01 6.79E-17 7.96E-11 1.48E-12 9.02E-13 2.84E-12 3.51E-12 4.21E-12 1.28E-11

99E+01 1.86E-17 1.83E-11 3.84E-13 2.38E-13 7.59E-13 9.44E-13 1.15E-12 1.69E-12

7.39E+01 4.74E-18 4.27E-12 9.86E-14 5.92E-14 1.94E-13 2.41E-13 2.94E-13 3.32E-13

7.82E+01 1.12E-18 1.91E-12 2.47E-14 1.36E-14 4.47E-14 5.61E-14 6.83E-14 9.22E-14

2.28E+01 2.41E-19 9.46E-13 6.39E-15 2.81E-15 1.00E-14 1.20E-14 1.47E-14 1.99E-14

8.76E+01 4.76E-20 1.66E-13 1.26E-15 5.36E-16 1.99E-15 2.42E-15 3.03E-15 4.01E-15

9.27E+01 8.56E-21 2.56E-14 2.29E-16 9.17E-17 3.56E-16 4.43E-16 5.42E-16 7.19E-16



81E+01 1.39E-21 3.33E-15 3.45E-17 1.42E-17 5.73E-17 7.18E-17 8.97E-17 1.36E-16

1.00E+02 7.43E-22 1.60E-15 1.80E-17 7.46E-18 3.03E-17 3.83E-17 4.78E-17 8.29E-17

1.04E+02 2.04E-22 3.41E-16 4.71E-18 2.04E-18 8.29E-18 1.05E-17 1.31E-17 3.07E-17

1.10E+02 2.67E-23 3.07E-17 5.86E-19 2.57E-19 1.10E-18 1.48E-18 1.75E-18 6.94E-18

1.16E+02 3.10E-24 5.06E-18 6.45E-20 2.93E-20 1.25E-19 1.71E-19 2.03E-19 3.13E-19

1.23E+02 3.18E-25 4.92E-19 6.59E-21 2.88E-21 1.31E-20 1.73E-20 2.13E-20 3.21E-20

1.30E+02 2.86E-26 6.51E-20 6.58E-22 2.42E-22 1.15E-21 1.51E-21 1.87E-21 3.79E-21

1.38E+02 2.23E-27 8.62E-21 6.00E-23 1.81E-23 9.22E-23 1.19E-22 1.53E-22 4.66E-22



1.46E+02 1.60E-29 5.78E-22 4.30E-24 1.14E-24 6.32E-24 8.07E-24 1.03E-23 2.59E-23

1.54E+02 0.00E+00 3.31E-23 2.27E-25 6.22E-26 3.64E-25 4.61E-25 5.86E-25 1.02E-24

1.63E+02 0.00E+00 1.60E-24 1.20E-26 2.89E-27 1.81E-26 2.31E-26 3.15E-26 4.70E-26

1.73E+02 0.00E+00 6.52E-26 4.96E-28 1.03E-28 7.44E-28 1.06E-27 1.48E-27 2.90E-27

1.83E+02 0.00E+00 2.20E-27 1.60E-29 2.26E-30 2.61E-29 3.82E-29 6.17E-29 1.56E-28

1.94E+02 0.00E+00 6.03E-29 2.66E-31 0.00E+00 0.00E+00 0.00E+00 2.20E-30 4.66E-30

2.05E+02 0.00E+00 1.35E-30 2.71E-33 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.17E+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



2.29E+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 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

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 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 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

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Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA CS-134.RAD

Summary of dose at graphical times, reptition 2

Time Years	Dose statistics at graphical times, mrem/yr							
	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	9.18E-07	2.37E-02	7.40E-03	7.19E-03	1.42E-02	1.62E-02	1.77E-02	1.85E-02
1.00E+00	6.61E-07	1.31E-02	5.12E-03	5.03E-03	9.87E-03	1.10E-02	1.22E-02	1.28E-02
1.06E+00	6.49E-07	1.29E-02	5.01E-03	4.93E-03	9.68E-03	1.08E-02	1.20E-02	1.25E-02
1.12E+00	6.36E-07	1.26E-02	4.91E-03	4.82E-03	9.47E-03	1.06E-02	1.17E-02	1.23E-02
1.19E+00	6.22E-07	1.23E-02	4.79E-03	4.71E-03	9.27E-03	1.03E-02	1.15E-02	1.20E-02
1.25E+00	6.08E-07	1.20E-02	4.68E-03	4.59E-03	9.05E-03	1.01E-02	1.12E-02	1.17E-02
1.33E+00	5.94E-07	1.17E-02	4.56E-03	4.47E-03	8.83E-03	9.83E-03	1.09E-02	1.14E-02
1.40E+00	5.79E-07	1.14E-02	4.43E-03	4.36E-03	8.57E-03	9.57E-03	1.06E-02	1.11E-02
1.49E+00	5.64E-07	1.11E-02	4.31E-03	4.22E-03	8.33E-03	9.30E-03	1.04E-02	1.08E-02
1.57E+00	5.48E-07	1.08E-02	4.18E-03	4.08E-03	8.07E-03	9.02E-03	1.01E-02	1.05E-02
1.66E+00	5.32E-07	1.05E-02	4.05E-03	3.95E-03	7.84E-03	8.74E-03	9.76E-03	1.02E-02
1.76E+00	5.15E-07	1.01E-02	3.91E-03	3.82E-03	7.59E-03	8.45E-03	9.48E-03	9.97E-03
1.86E+00	4.98E-07	1.11E-02	3.77E-03	3.69E-03	7.31E-03	8.16E-03	9.15E-03	9.66E-03
1.97E+00	4.81E-07	1.17E-02	3.63E-03	3.55E-03	6.99E-03	7.86E-03	8.81E-03	9.31E-03
2.09E+00	4.63E-07	1.17E-02	3.49E-03	3.41E-03	6.72E-03	7.56E-03	8.46E-03	8.95E-03
2.21E+00	4.45E-07	1.12E-02	3.34E-03	3.27E-03	6.45E-03	7.26E-03	8.11E-03	8.59E-03
2.34E+00	4.26E-07	1.08E-02	3.19E-03	3.09E-03	6.17E-03	6.95E-03	7.76E-03	8.22E-03
2.47E+00	4.08E-07	1.03E-02	3.04E-03	2.95E-03	5.90E-03	6.63E-03	7.42E-03	7.83E-03
2.62E+00	3.89E-07	9.81E-03	2.89E-03	2.83E-03	5.62E-03	6.31E-03	7.06E-03	7.44E-03
2.77E+00	3.70E-07	9.32E-03	2.74E-03	2.68E-03	5.33E-03	6.00E-03	6.71E-03	7.05E-03
2.93E+00	3.51E-07	8.84E-03	2.59E-03	2.53E-03	5.05E-03	5.68E-03	6.35E-03	6.66E-03
3.00E+00	3.43E-07	8.64E-03	2.52E-03	2.47E-03	4.94E-03	5.55E-03	6.21E-03	6.51E-03
3.310E+00	3.32E-07	8.35E-03	2.43E-03	2.39E-03	4.77E-03	5.36E-03	6.01E-03	6.29E-03
3.328E+00	3.13E-07	7.87E-03	2.29E-03	2.23E-03	4.49E-03	5.04E-03	5.68E-03	5.92E-03
3.48E+00	2.94E-07	7.40E-03	2.14E-03	2.09E-03	4.20E-03	4.73E-03	5.32E-03	5.55E-03
3.68E+00	2.75E-07	6.94E-03	2.00E-03	1.95E-03	3.92E-03	4.42E-03	4.96E-03	5.18E-03
3.89E+00	2.56E-07	6.49E-03	1.86E-03	1.81E-03	3.66E-03	4.24E-03	4.63E-03	4.87E-03
4.12E+00	2.38E-07	6.67E-03	1.72E-03	1.67E-03	3.40E-03	3.92E-03	4.30E-03	4.51E-03
4.36E+00	2.20E-07	9.64E-03	1.60E-03	1.53E-03	3.14E-03	3.62E-03	3.96E-03	4.17E-03
4.61E+00	2.02E-07	1.48E-02	1.49E-03	1.41E-03	2.87E-03	3.32E-03	3.63E-03	3.83E-03
4.88E+00	1.85E-07	2.42E-02	1.40E-03	1.28E-03	2.63E-03	3.07E-03	3.31E-03	3.50E-03
5.17E+00	1.69E-07	4.21E-02	1.35E-03	1.16E-03	2.39E-03	2.77E-03	3.03E-03	3.18E-03
5.547E+00	1.53E-07	7.73E-02	1.37E-03	1.04E-03	2.16E-03	2.49E-03	2.73E-03	2.87E-03
5.578E+00	1.38E-07	1.15E-01	1.41E-03	9.36E-04	1.94E-03	2.23E-03	2.45E-03	2.58E-03
6.12E+00	1.23E-07	1.38E-01	1.42E-03	8.29E-04	1.73E-03	2.01E-03	2.19E-03	2.31E-03
6.48E+00	1.10E-07	1.33E-01	1.33E-03	7.32E-04	1.53E-03	1.78E-03	1.97E-03	2.11E-03
6.86E+00	9.69E-08	1.15E-01	1.20E-03	6.43E-04	1.35E-03	1.58E-03	1.73E-03	1.91E-03
7.26E+00	8.50E-08	9.87E-02	1.11E-03	5.58E-04	1.18E-03	1.41E-03	1.53E-03	1.87E-03
7.68E+00	7.40E-08	8.38E-02	1.03E-03	4.83E-04	1.02E-03	1.21E-03	1.33E-03	2.31E-03
8.13E+00	6.39E-08	7.26E-02	9.29E-04	4.12E-04	8.79E-04	1.04E-03	1.15E-03	3.14E-03
8.60E+00	5.47E-08	6.02E-02	8.31E-04	3.50E-04	7.49E-04	8.86E-04	9.80E-04	4.65E-03
9.10E+00	4.64E-08	5.59E-02	7.20E-04	2.94E-04	6.31E-04	7.54E-04	8.27E-04	7.42E-03
9.63E+00	3.90E-08	4.59E-02	6.08E-04	2.46E-04	5.28E-04	6.25E-04	6.91E-04	1.25E-02
1.00E+01	3.46E-08	4.00E-02	5.49E-04	2.17E-04	4.65E-04	5.60E-04	6.13E-04	1.85E-02
1.02E+01	3.25E-08	3.72E-02	5.24E-04	2.03E-04	4.36E-04	5.25E-04	5.75E-04	2.21E-02
1.08E+01	2.67E-08	2.98E-02	4.52E-04	1.66E-04	3.58E-04	4.30E-04	4.70E-04	2.44E-02
1.14E+01	2.18E-08	2.35E-02	3.80E-04	1.34E-04	2.88E-04	3.49E-04	3.80E-04	1.90E-02
1.21E+01	1.75E-08	1.90E-02	3.09E-04	1.07E-04	2.30E-04	2.79E-04	3.07E-04	1.47E-02
1.28E+01	1.39E-08	1.40E-02	2.39E-04	8.41E-05	1.81E-04	2.20E-04	2.43E-04	1.10E-02
1.35E+01	1.09E-08	1.06E-02	1.85E-04	6.54E-05	1.41E-04	1.72E-04	1.91E-04	7.98E-03
1.43E+01	8.40E-09	8.05E-03	1.45E-04	5.00E-05	1.08E-04	1.32E-04	1.48E-04	5.70E-03
1.51E+01	6.39E-09	7.09E-03	1.08E-04	3.76E-05	8.13E-05	9.98E-05	1.12E-04	3.90E-03
1.60E+01	4.78E-09	5.24E-03	7.81E-05	2.77E-05	6.03E-05	7.41E-05	8.28E-05	2.58E-03
1.70E+01	3.52E-09	3.80E-03	5.67E-05	2.01E-05	4.40E-05	5.49E-05	6.26E-05	1.64E-03
1.80E+01	2.55E-09	2.71E-03	3.85E-05	1.44E-05	3.15E-05	3.91E-05	4.52E-05	9.88E-04
1.90E+01	1.81E-09	1.89E-03	2.63E-05	1.01E-05	2.20E-05	2.73E-05	3.20E-05	9.64E-04

2.01E+01 1.26E-09 1.29E-03 1.69E-05 6.89E-06 1.52E-05 1.91E-05 2.26E-05 4.82E-04



2.13E+01 8.55E-10 8.65E-04 1.04E-05 4.61E-06 1.01E-05 1.29E-05 1.75E-05 1.88E-04

2.25E+01 5.69E-10 5.66E-04 6.24E-06 3.00E-06 6.53E-06 8.23E-06 9.15E-06 6.86E-05

2.38E+01 2.55E-10 3.60E-04 3.98E-06 1.91E-06 4.17E-06 5.23E-06 5.86E-06 9.02E-05

2.52E+01 1.60E-10 2.24E-04 2.54E-06 1.19E-06 2.59E-06 3.31E-06 3.68E-06 7.24E-05

2.67E+01 9.76E-11 1.35E-04 1.54E-06 7.21E-07 1.57E-06 2.03E-06 2.24E-06 3.10E-05

2.82E+01 5.79E-11 7.93E-05 8.82E-07 4.24E-07 9.48E-07 1.21E-06 1.36E-06 2.63E-05

2.99E+01 3.33E-11 4.51E-05 5.07E-07 2.39E-07 5.27E-07 6.85E-07 7.63E-07 1.48E-05

3.00E+01 3.20E-11 4.33E-05 4.90E-07 2.29E-07 5.06E-07 6.58E-07 7.33E-07 1.40E-05



3.16E+01 1.85E-11 2.65E-05 2.88E-07 1.31E-07 2.91E-07 3.76E-07 4.22E-07 5.97E-06

3.35E+01 9.98E-12 1.32E-05 1.48E-07 6.99E-08 1.63E-07 2.01E-07 2.27E-07 2.43E-06

3.54E+01 5.18E-12 6.73E-06 7.56E-08 3.58E-08 8.01E-08 1.03E-07 1.18E-07 1.18E-06

3.75E+01 2.59E-12 3.31E-06 3.59E-08 1.76E-08 3.96E-08 5.08E-08 5.83E-08 3.30E-07

3.97E+01 1.24E-12 1.56E-06 1.45E-08 8.34E-09 1.87E-08 2.38E-08 2.80E-08 4.16E-08

4.20E+01 5.72E-13 7.07E-07 6.35E-09 3.79E-09 8.46E-09 1.07E-08 1.24E-08 2.00E-08

4.44E+01 2.52E-13 3.05E-07 2.73E-09 1.64E-09 3.69E-09 4.66E-09 5.45E-09 9.52E-09

4.70E+01 1.05E-13 1.30E-07 1.21E-09 6.80E-10 1.53E-09 1.94E-09 2.26E-09 2.57E-09



4.97E+01 4.20E-14 4.88E-08 4.45E-10 2.68E-10 6.09E-10 7.67E-10 9.00E-10 1.02E-09

5.26E+01 1.59E-14 1.80E-08 1.50E-10 9.91E-11 2.29E-10 2.88E-10 3.35E-10 3.63E-10

5.57E+01 5.65E-15 6.26E-09 6.00E-11 3.44E-11 8.13E-11 1.03E-10 1.21E-10 1.36E-10

5.90E+01 1.90E-15 2.06E-09 2.08E-11 1.13E-11 2.77E-11 3.45E-11 4.15E-11 5.71E-11

6.24E+01 5.99E-16 6.27E-10 6.43E-12 3.48E-12 8.69E-12 1.12E-11 1.31E-11 2.89E-11

60E+01 1.76E-16 1.79E-10 1.92E-12 9.75E-13 2.56E-12 3.29E-12 3.94E-12 1.51E-11

99E+01 4.84E-17 7.05E-11 5.46E-13 2.60E-13 6.95E-13 8.98E-13 1.08E-12 1.42E-12

7.39E+01 1.23E-17 1.64E-11 1.39E-13 6.32E-14 1.78E-13 2.27E-13 2.75E-13 3.74E-13



7.82E+01 2.90E-18 3.47E-12 3.40E-14 1.41E-14 4.19E-14 5.28E-14 6.48E-14 1.22E-13

8.28E+01 6.26E-19 6.58E-13 7.38E-15 2.98E-15 8.94E-15 1.15E-14 1.40E-14 3.95E-14

8.76E+01 1.24E-19 1.07E-13 1.35E-15 5.61E-16 1.77E-15 2.27E-15 2.76E-15 6.57E-15

9.27E+01 2.23E-20 1.73E-14 2.22E-16 9.60E-17 3.13E-16 4.15E-16 4.97E-16 9.71E-16

9.81E+01 3.62E-21 2.64E-15 3.32E-17 1.49E-17 5.03E-17 6.74E-17 8.06E-17 1.76E-16

1.00E+02 1.93E-21 1.37E-15 1.73E-17 7.83E-18 2.67E-17 3.59E-17 4.30E-17 1.15E-16

1.04E+02 5.30E-22 4.85E-16 4.76E-18 2.03E-18 7.25E-18 9.56E-18 1.17E-17 1.59E-17

1.10E+02 6.94E-23 4.33E-17 4.82E-19 2.54E-19 9.34E-19 1.27E-18 1.53E-18 1.82E-18



1.16E+02 8.06E-24 4.59E-18 5.44E-20 2.80E-20 1.07E-19 1.44E-19 1.77E-19 2.32E-19

1.23E+02 8.27E-25 4.24E-19 5.34E-21 2.73E-21 1.08E-20 1.46E-20 1.80E-20 2.44E-20

1.30E+02 7.43E-26 3.37E-20 4.60E-22 2.34E-22 9.49E-22 1.31E-21 1.61E-21 2.18E-21

1.38E+02 5.80E-27 2.27E-21 3.58E-23 1.78E-23 7.67E-23 1.03E-22 1.25E-22 1.70E-22

1.46E+02 3.90E-28 1.28E-22 2.46E-24 1.13E-24 5.10E-24 7.10E-24 8.41E-24 1.18E-23

1.54E+02 1.32E-29 1.35E-23 1.55E-25 6.53E-26 2.99E-25 4.11E-25 4.92E-25 8.10E-25

1.63E+02 0.00E+00 6.21E-25 7.66E-27 3.28E-27 1.55E-26 2.17E-26 2.78E-26 5.53E-26

1.73E+02 0.00E+00 2.39E-26 3.20E-28 1.35E-28 7.13E-28 9.54E-28 1.43E-27 3.69E-27



1.83E+02 0.00E+00 7.60E-28 1.09E-29 3.14E-30 2.41E-29 3.61E-29 5.25E-29 1.12E-28

1.94E+02 0.00E+00 1.95E-29 1.65E-31 0.00E+00 0.00E+00 0.00E+00 1.60E-30 5.67E-30

2.05E+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

2.17E+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

2.29E+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

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

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



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Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA CS-134.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	4.39E-07	3.60E-02	7.46E-03	7.18E-03	1.42E-02	1.62E-02	1.73E-02	1.81E-02
1.00E+00	3.16E-07	2.02E-02	5.20E-03	5.02E-03	1.01E-02	1.12E-02	1.22E-02	1.29E-02
1.06E+00	3.10E-07	1.96E-02	5.09E-03	4.91E-03	9.88E-03	1.10E-02	1.20E-02	1.26E-02
1.12E+00	3.04E-07	1.89E-02	4.98E-03	4.81E-03	9.65E-03	1.08E-02	1.17E-02	1.23E-02
1.19E+00	2.97E-07	1.82E-02	4.87E-03	4.71E-03	9.42E-03	1.05E-02	1.15E-02	1.21E-02
1.25E+00	2.91E-07	1.75E-02	4.75E-03	4.60E-03	9.20E-03	1.03E-02	1.13E-02	1.18E-02
1.33E+00	2.84E-07	1.68E-02	4.63E-03	4.49E-03	8.97E-03	1.00E-02	1.11E-02	1.15E-02
1.40E+00	2.77E-07	1.60E-02	4.51E-03	4.37E-03	8.73E-03	9.77E-03	1.08E-02	1.11E-02
1.49E+00	2.69E-07	1.53E-02	4.38E-03	4.24E-03	8.49E-03	9.49E-03	1.05E-02	1.09E-02
1.57E+00	2.62E-07	1.45E-02	4.25E-03	4.12E-03	8.23E-03	9.23E-03	1.02E-02	1.06E-02
1.66E+00	2.54E-07	1.38E-02	4.12E-03	3.98E-03	7.98E-03	8.95E-03	9.97E-03	1.04E-02
1.76E+00	2.46E-07	1.31E-02	3.98E-03	3.85E-03	7.71E-03	8.66E-03	9.62E-03	1.01E-02
1.86E+00	2.38E-07	1.23E-02	3.84E-03	3.71E-03	7.50E-03	8.37E-03	9.25E-03	9.71E-03
1.97E+00	2.30E-07	1.16E-02	3.70E-03	3.56E-03	7.23E-03	8.12E-03	8.99E-03	9.46E-03
2.09E+00	2.21E-07	1.11E-02	3.56E-03	3.42E-03	6.95E-03	7.81E-03	8.64E-03	9.10E-03
2.21E+00	2.13E-07	1.23E-02	3.41E-03	3.27E-03	6.67E-03	7.49E-03	8.28E-03	8.72E-03
2.24E+00	2.04E-07	1.26E-02	3.26E-03	3.14E-03	6.39E-03	7.17E-03	7.92E-03	8.35E-03
2.27E+00	1.95E-07	1.22E-02	3.10E-03	2.99E-03	6.10E-03	6.85E-03	7.56E-03	7.96E-03
2.26E+00	1.86E-07	1.16E-02	2.95E-03	2.85E-03	5.78E-03	6.53E-03	7.19E-03	7.58E-03
2.27E+00	1.77E-07	1.11E-02	2.79E-03	2.70E-03	5.44E-03	6.20E-03	6.80E-03	7.19E-03
2.29E+00	1.68E-07	1.07E-02	2.64E-03	2.56E-03	5.14E-03	5.87E-03	6.42E-03	6.72E-03
3.00E+00	1.64E-07	1.05E-02	2.57E-03	2.50E-03	5.02E-03	5.74E-03	6.27E-03	6.57E-03
3.10E+00	1.58E-07	1.04E-02	2.48E-03	2.41E-03	4.85E-03	5.53E-03	6.04E-03	6.34E-03
3.28E+00	1.49E-07	1.03E-02	2.33E-03	2.26E-03	4.56E-03	5.18E-03	5.65E-03	5.96E-03
3.48E+00	1.40E-07	1.04E-02	2.18E-03	2.12E-03	4.26E-03	4.88E-03	5.28E-03	5.59E-03
3.68E+00	1.31E-07	1.09E-02	2.03E-03	1.97E-03	3.98E-03	4.53E-03	4.92E-03	5.22E-03
3.89E+00	1.22E-07	1.20E-02	1.89E-03	1.83E-03	3.70E-03	4.21E-03	4.57E-03	4.86E-03
4.12E+00	1.14E-07	1.43E-02	1.75E-03	1.69E-03	3.42E-03	3.92E-03	4.23E-03	4.50E-03
4.36E+00	1.05E-07	1.85E-02	1.62E-03	1.55E-03	3.15E-03	3.62E-03	3.99E-03	4.17E-03
4.61E+00	9.65E-08	2.67E-02	1.50E-03	1.42E-03	2.89E-03	3.33E-03	3.67E-03	3.88E-03
4.88E+00	8.84E-08	4.24E-02	1.41E-03	1.30E-03	2.63E-03	3.04E-03	3.35E-03	3.54E-03
5.17E+00	8.05E-08	7.21E-02	1.36E-03	1.18E-03	2.38E-03	2.76E-03	3.04E-03	3.24E-03
5.47E+00	7.29E-08	1.09E-01	1.33E-03	1.06E-03	2.15E-03	2.49E-03	2.74E-03	2.96E-03
5.78E+00	6.57E-08	1.33E-01	1.29E-03	9.46E-04	1.92E-03	2.23E-03	2.46E-03	2.67E-03
6.12E+00	5.88E-08	1.35E-01	1.25E-03	8.39E-04	1.72E-03	1.99E-03	2.19E-03	2.38E-03
6.48E+00	5.23E-08	1.18E-01	1.20E-03	7.38E-04	1.52E-03	1.76E-03	1.96E-03	2.84E-03
6.86E+00	4.62E-08	1.02E-01	1.16E-03	6.46E-04	1.33E-03	1.55E-03	1.72E-03	3.51E-03
7.26E+00	4.05E-08	8.78E-02	1.09E-03	5.59E-04	1.16E-03	1.36E-03	1.50E-03	3.97E-03
7.68E+00	3.52E-08	7.95E-02	9.74E-04	4.78E-04	1.00E-03	1.18E-03	1.31E-03	4.98E-03
8.13E+00	3.04E-08	6.39E-02	8.48E-04	4.08E-04	8.63E-04	1.01E-03	1.13E-03	6.98E-03
8.60E+00	2.60E-08	5.31E-02	7.41E-04	3.47E-04	7.42E-04	8.65E-04	9.64E-04	1.09E-02
9.10E+00	2.21E-08	4.43E-02	6.42E-04	2.92E-04	6.22E-04	7.30E-04	8.12E-04	1.81E-02
9.63E+00	1.86E-08	3.65E-02	5.59E-04	2.43E-04	5.20E-04	6.11E-04	6.85E-04	2.05E-02
1.00E+01	1.64E-08	3.72E-02	5.08E-04	2.13E-04	4.59E-04	5.38E-04	6.03E-04	1.73E-02
1.02E+01	1.54E-08	3.81E-02	4.81E-04	2.00E-04	4.30E-04	5.05E-04	5.65E-04	1.58E-02
1.08E+01	1.27E-08	3.23E-02	4.00E-04	1.63E-04	3.55E-04	4.13E-04	4.60E-04	1.20E-02
1.14E+01	1.03E-08	2.61E-02	3.32E-04	1.32E-04	2.87E-04	3.35E-04	3.72E-04	8.91E-03
1.21E+01	8.30E-09	2.09E-02	2.62E-04	1.04E-04	2.28E-04	2.68E-04	3.00E-04	6.48E-03
1.28E+01	6.58E-09	1.65E-02	2.06E-04	8.18E-05	1.79E-04	2.11E-04	2.36E-04	5.21E-03
1.35E+01	5.15E-09	1.28E-02	1.67E-04	6.32E-05	1.38E-04	1.65E-04	1.83E-04	7.98E-03
1.43E+01	3.98E-09	9.82E-03	1.31E-04	4.80E-05	1.04E-04	1.26E-04	1.40E-04	5.90E-03
1.51E+01	3.02E-09	7.41E-03	9.91E-05	3.60E-05	7.80E-05	9.53E-05	1.09E-04	4.28E-03
1.60E+01	2.26E-09	5.50E-03	7.56E-05	2.67E-05	5.83E-05	7.08E-05	8.10E-05	3.05E-03
1.70E+01	1.66E-09	4.02E-03	5.93E-05	1.95E-05	4.36E-05	5.17E-05	5.91E-05	2.22E-03
1.80E+01	1.20E-09	2.88E-03	4.36E-05	1.39E-05	3.10E-05	3.75E-05	4.37E-05	1.65E-03
1.90E+01	8.51E-10	2.02E-03	3.03E-05	9.71E-06	2.17E-05	2.63E-05	3.15E-05	1.12E-03

2.01E+01 5.91E-10 1.39E-03 2.09E-05 6.64E-06 1.48E-05 1.80E-05 2.17E-05 7.48E-04

2.13E+01 4.02E-10 9.37E-04 1.46E-05 4.46E-06 9.87E-06 1.21E-05 1.46E-05 5.32E-04

2.25E+01 2.67E-10 6.17E-04 9.56E-06 2.93E-06 6.47E-06 7.98E-06 9.41E-06 3.39E-04

2.38E+01 1.73E-10 3.96E-04 6.00E-06 1.87E-06 4.13E-06 5.06E-06 6.05E-06 2.11E-04

2.52E+01 1.10E-10 2.48E-04 3.67E-06 1.16E-06 2.59E-06 3.15E-06 3.79E-06 1.27E-04



2.67E+01 6.76E-11 1.51E-04 2.20E-06 7.04E-07 1.57E-06 1.92E-06 2.31E-06 7.46E-05

2.82E+01 4.05E-11 8.94E-05 1.31E-06 4.13E-07 9.33E-07 1.13E-06 1.37E-06 4.24E-05

2.99E+01 2.36E-11 5.13E-05 7.74E-07 2.36E-07 5.39E-07 6.47E-07 7.89E-07 2.81E-05

3.00E+01 2.27E-11 4.93E-05 7.46E-07 2.26E-07 5.18E-07 6.22E-07 7.58E-07 2.87E-05

3.16E+01 1.33E-11 2.85E-05 4.47E-07 1.30E-07 3.00E-07 3.60E-07 4.50E-07 2.26E-05

3.35E+01 7.22E-12 1.53E-05 2.41E-07 6.90E-08 1.61E-07 1.93E-07 2.65E-07 1.20E-05

3.54E+01 3.80E-12 7.93E-06 1.26E-07 3.56E-08 8.34E-08 1.03E-07 1.81E-07 6.12E-06

3.75E+01 1.92E-12 3.95E-06 6.22E-08 1.77E-08 4.19E-08 5.12E-08 1.01E-07 3.01E-06



3.97E+01 9.35E-13 1.89E-06 2.99E-08 8.37E-09 2.01E-08 2.45E-08 4.27E-08 1.42E-06

4.20E+01 4.36E-13 8.68E-07 1.43E-08 3.81E-09 9.17E-09 1.11E-08 1.66E-08 6.42E-07

4.44E+01 1.94E-13 3.80E-07 6.51E-09 1.65E-09 4.01E-09 4.86E-09 8.62E-09 2.77E-07

4.70E+01 8.27E-14 1.59E-07 2.66E-09 6.90E-10 1.68E-09 2.05E-09 4.75E-09 1.14E-07

4.97E+01 3.35E-14 6.30E-08 1.05E-09 2.71E-10 6.70E-10 8.34E-10 2.84E-09 4.43E-08

5.26E+01 1.28E-14 2.37E-08 4.05E-10 9.89E-11 2.55E-10 3.18E-10 6.89E-10 1.95E-08

5.57E+01 4.66E-15 8.42E-09 1.27E-10 3.44E-11 8.92E-11 1.11E-10 1.47E-10 5.69E-09

5.90E+01 4.92E-16 2.81E-09 4.34E-11 1.14E-11 2.94E-11 3.77E-11 4.92E-11 1.87E-09



24E+01 1.55E-16 8.83E-10 1.29E-11 3.51E-12 9.25E-12 1.18E-11 1.56E-11 5.72E-10

6.0E+01 4.57E-17 2.59E-10 3.53E-12 1.03E-12 2.70E-12 3.48E-12 4.59E-12 1.63E-10

99E+01 1.26E-17 7.07E-11 9.46E-13 2.69E-13 7.47E-13 9.37E-13 1.24E-12 4.35E-11

7.39E+01 3.20E-18 1.79E-11 2.40E-13 6.64E-14 1.90E-13 2.38E-13 3.08E-13 1.07E-11

7.82E+01 7.51E-19 4.18E-12 5.89E-14 1.52E-14 4.55E-14 5.59E-14 7.55E-14 3.11E-12

8.28E+01 1.62E-19 8.99E-13 1.29E-14 3.17E-15 9.82E-15 1.21E-14 1.63E-14 6.56E-13

8.76E+01 3.21E-20 1.76E-13 2.50E-15 5.99E-16 1.94E-15 2.42E-15 3.21E-15 1.26E-13

9.27E+01 5.77E-21 3.15E-14 4.48E-16 1.04E-16 3.47E-16 4.34E-16 6.62E-16 2.21E-14



9.81E+01 9.38E-22 5.09E-15 7.42E-17 1.60E-17 5.60E-17 7.61E-17 1.20E-16 3.49E-15

1.00E+02 5.00E-22 2.71E-15 3.88E-17 8.57E-18 3.00E-17 4.05E-17 6.42E-17 1.85E-15

1.04E+02 1.37E-22 7.39E-16 1.01E-17 2.27E-18 8.37E-18 1.12E-17 1.76E-17 4.96E-16

1.10E+02 1.80E-23 9.59E-17 1.28E-18 2.78E-19 1.09E-18 1.55E-18 2.30E-18 6.29E-17

1.16E+02 2.09E-24 1.10E-17 1.45E-19 3.14E-20 1.25E-19 1.84E-19 2.72E-19 7.06E-18

1.23E+02 2.14E-25 1.12E-18 1.46E-20 3.01E-21 1.28E-20 1.89E-20 2.73E-20 6.99E-19

1.30E+02 1.92E-26 9.98E-20 1.31E-21 2.59E-22 1.19E-21 1.70E-21 2.42E-21 6.04E-20

1.38E+02 1.50E-27 7.71E-21 1.06E-22 1.96E-23 9.22E-23 1.33E-22 1.76E-22 4.54E-21



1.46E+02 1.01E-28 5.13E-22 7.20E-24 1.30E-24 6.26E-24 8.72E-24 1.22E-23 2.93E-22

1.54E+02 4.64E-30 2.91E-23 3.98E-25 7.42E-26 3.73E-25 5.11E-25 6.79E-25 1.61E-23

1.63E+02 0.00E+00 1.40E-24 1.81E-26 3.51E-27 1.81E-26 2.63E-26 3.43E-26 7.44E-25

1.73E+02 0.00E+00 5.64E-26 7.27E-28 1.27E-28 7.45E-28 1.09E-27 1.78E-27 2.89E-26

1.83E+02 0.00E+00 1.88E-27 2.48E-29 2.75E-30 2.53E-29 3.97E-29 8.10E-29 1.04E-27

1.94E+02 0.00E+00 5.05E-29 4.66E-31 0.00E+00 0.00E+00 0.00E+00 3.41E-30 2.33E-29

2.05E+02 0.00E+00 1.12E-30 2.24E-33 0.00E+00 0.00E+00 0.00E+00 0.00E+00 0.00E+00

2.17E+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



2.29E+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

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

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Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BP INSITU UA\FCS BURIED PIPE INSITU UA CS-134.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	0.000E+00	7.397E-03
2	0.000E+00	7.403E-03
3	0.000E+00	7.455E-03

Title : RESRAD Default Parameters  
 Input File : FCS BURIED PIPE INSITU UA CS-134.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	6	-0.05	6	-0.05
Contaminated zone b parameter	8	0.04	8	0.02	15	0.01	15	0.01
Evapotranspiration coefficient	3	0.07	3	0.04	12	0.02	12	0.02
Wind Speed	7	0.04	7	0.03	3	0.07	3	0.07
Runoff coefficient	16	0.01	16	0.00	10	-0.02	10	-0.02
b Parameter of Unsaturated zone 1	2	-0.11	2	-0.07	1	-0.08	1	-0.08
Mass loading for inhalation	11	0.03	11	0.02	16	0.01	16	0.01
Indoor dust filtration factor	18	0.00	18	0.00	18	0.00	18	0.00
Depth of soil mixing layer	14	-0.02	14	-0.01	11	-0.02	11	-0.02
Depth of roots	6	0.05	6	0.03	9	0.03	9	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	17	0.00	17	0.00	13	-0.01	13	-0.01
Weathering removal constant of all vegetation	13	-0.02	13	-0.01	17	0.00	17	0.00
Wet foliar interception fraction of leafy vegetables	15	0.01	15	0.01	7	-0.04	7	-0.04
Humidity in air	4	0.06	4	0.04	14	0.01	14	0.01
Cover erosion rate	1	0.76	1	0.76	8	0.04	8	0.04
Kd of Cs-134 in Contaminated Zone	5	-0.06	5	-0.04	5	-0.06	5	-0.06
Kd of Cs-134 in Saturated Zone	10	0.03	10	0.02	4	0.06	4	0.06
Well pump intake depth	12	-0.03	12	-0.02	2	-0.07	2	-0.07

R-SQUARE	0.58	0.58	0.03	0.03
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-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 CS-134.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	14	0.01	14	0.01	11	-0.03	11	-0.03
Contaminated zone b parameter	10	-0.02	10	-0.01	15	-0.02	15	-0.02
Evapotranspiration coefficient	13	-0.01	13	-0.01	13	-0.03	13	-0.03
Wind Speed	4	-0.08	4	-0.05	18	0.00	18	0.00
Runoff coefficient	7	-0.04	7	-0.03	12	0.03	12	0.03
b Parameter of Unsaturated zone 1	11	-0.02	11	-0.01	10	0.04	10	0.04
Mass loading for inhalation	17	0.01	17	0.00	17	0.00	17	0.00
Indoor dust filtration factor	16	-0.01	16	-0.01	5	-0.06	5	-0.06
Depth of soil mixing layer	3	0.09	3	0.06	1	0.12	1	0.11
Depth of roots	2	0.12	2	0.08	4	0.06	4	0.06
Wet weight crop yield of fruit, grain and non-leafy vegetables	8	-0.04	8	-0.03	8	-0.05	8	-0.05
Weathering removal constant of all vegetation	12	-0.01	12	-0.01	9	-0.05	9	-0.04
Wet foliar interception fraction of leafy vegetables	6	0.05	6	0.03	2	0.08	2	0.08
Humidity in air	18	0.01	18	0.00	16	0.01	16	0.01
Cover erosion rate	1	0.76	1	0.75	3	0.08	3	0.08
Kd of Cs-134 in Contaminated Zone	9	0.03	9	0.02	7	-0.05	7	-0.05
Kd of Cs-134 in Saturated Zone	15	0.01	15	0.01	14	-0.03	14	-0.03
Well pump intake depth	5	-0.06	5	-0.04	6	-0.06	6	-0.05

R-SQUARE	0.59	0.59	0.05	0.05
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-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 CS-134.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	15	0.01	15	0.01	7	-0.03	7	-0.03
Contaminated zone b parameter	4	-0.06	4	-0.04	4	-0.03	4	-0.03
Evapotranspiration coefficient	12	0.02	12	0.01	9	0.02	9	0.02
Wind Speed	13	-0.02	13	-0.01	10	0.02	10	0.02
Runoff coefficient	16	-0.01	16	-0.01	2	-0.05	2	-0.05
b Parameter of Unsaturated zone 1	5	-0.03	5	-0.02	15	0.00	15	0.00
Mass loading for inhalation	14	-0.01	14	-0.01	12	-0.01	12	-0.01
Indoor dust filtration factor	8	0.03	8	0.02	17	0.00	17	0.00
Depth of soil mixing layer	18	0.01	18	0.00	14	0.00	14	0.00
Depth of roots	3	0.06	3	0.04	8	0.03	8	0.03
Wet weight crop yield of fruit, grain and non-leafy vegetables	17	-0.01	17	-0.01	18	0.00	18	0.00
Weathering removal constant of all vegetation	10	0.02	10	0.01	3	0.05	3	0.05
Wet foliar interception fraction of leafy vegetables	2	-0.09	2	-0.06	6	-0.03	6	-0.03
Humidity in air	11	-0.02	11	-0.01	5	0.03	5	0.03
Cover erosion rate	1	0.71	1	0.71	16	0.00	16	0.00
Kd of Cs-134 in Contaminated Zone	7	-0.03	7	-0.02	1	-0.14	1	-0.14
Kd of Cs-134 in Saturated Zone	9	0.02	9	0.02	11	0.02	11	0.02
Well pump intake depth	6	0.03	6	0.02	13	0.01	13	0.01
R-SQUARE		0.51		0.51		0.03		0.03

-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.