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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
Cm-243										
Min	0.00E+00	5.00E-03	4.50E-04	5.63E-04	7.82E-04	1.47E-03	2.89E-03	0.00E+00	0.00E+00	0.00E+00
Max	6.58E+02	1.07E+03	1.07E+03	9.87E+02	8.35E+02	4.66E+02	1.15E+02	8.64E+00	3.14E-02	6.67E-03
Avg	2.23E+00	9.45E+00	9.44E+00	9.06E+00	8.34E+00	6.34E+00	3.16E+00	4.23E-01	8.03E-03	4.46E-03
Std	2.52E+01	5.64E+01	5.64E+01	5.27E+01	4.61E+01	2.97E+01	1.09E+01	1.09E+00	4.09E-03	1.37E-03
ALL										
Min	0.00E+00	5.00E-03	4.50E-04	5.63E-04	7.82E-04	1.47E-03	2.89E-03	0.00E+00	0.00E+00	0.00E+00
Max	6.58E+02	1.07E+03	1.07E+03	9.87E+02	8.35E+02	4.66E+02	1.15E+02	8.64E+00	3.14E-02	6.67E-03
Avg	2.23E+00	9.45E+00	9.44E+00	9.06E+00	8.34E+00	6.34E+00	3.16E+00	4.23E-01	8.03E-03	4.46E-03
Std	2.52E+01	5.64E+01	5.64E+01	5.27E+01	4.61E+01	2.97E+01	1.09E+01	1.09E+00	4.09E-03	1.37E-03

ALL is total dose summed for all nuclides.

Probabilistic Risk Summary

Nuclide		RISK(j,t)							
(j)	t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
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Cm-243									
Min		4.48E-10	5.80E-10	8.36E-10	1.64E-09	3.30E-09	0.00E+00	0.00E+00	0.00E+00
Max		1.31E-03	1.21E-03	1.02E-03	5.71E-04	1.36E-04	1.00E-05	3.95E-08	8.37E-09
Avg		1.13E-05	1.08E-05	9.95E-06	7.60E-06	3.84E-06	5.26E-07	1.06E-08	5.49E-09
Std		6.76E-05	6.32E-05	5.52E-05	3.55E-05	1.29E-05	1.29E-06	5.08E-09	1.65E-09
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ALL									
Min		4.48E-10	5.80E-10	8.36E-10	1.64E-09	3.30E-09	0.00E+00	0.00E+00	0.00E+00
Max		1.31E-03	1.21E-03	1.02E-03	5.71E-04	1.36E-04	1.00E-05	3.95E-08	8.37E-09
Avg		1.13E-05	1.08E-05	9.95E-06	7.60E-06	3.84E-06	5.26E-07	1.06E-08	5.49E-09
Std		6.76E-05	6.32E-05	5.52E-05	3.55E-05	1.29E-05	1.29E-06	5.08E-09	1.65E-09
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ALL is total risk summed for all nuclides.

Probabilistic Dose vs Pathway(i): Ground External

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
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Cm-243									
Min		2.05E-09	1.92E-09	1.67E-09	1.05E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00
Max		2.02E-08	7.08E-07	8.66E-04	2.09E-01	1.29E-01	2.35E-02	1.85E-04	3.55E-06
Avg		2.27E-09	5.47E-09	2.68E-06	2.58E-03	3.45E-03	9.46E-04	4.37E-05	2.28E-06
Std		1.23E-09	3.97E-08	4.22E-05	2.24E-02	2.05E-02	4.55E-03	7.46E-05	1.58E-06
ΣALL									
Min		2.05E-09	1.92E-09	1.67E-09	1.05E-09	2.73E-10	0.00E+00	0.00E+00	0.00E+00
Max		2.02E-08	7.08E-07	8.66E-04	2.09E-01	1.29E-01	2.35E-02	1.85E-04	3.55E-06
Avg		2.27E-09	5.47E-09	2.68E-06	2.58E-03	3.45E-03	9.46E-04	4.37E-05	2.28E-06
Std		1.23E-09	3.97E-08	4.22E-05	2.24E-02	2.05E-02	4.55E-03	7.46E-05	1.58E-06
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ΣALL is total pathway dose summed for all nuclides.

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
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Cm-243									
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	3.33E-07	6.75E-03	4.15E-03	7.69E-04	2.42E-05	3.00E-05
Avg		0.00E+00	0.00E+00	3.70E-10	4.28E-05	5.33E-05	1.30E-05	2.20E-06	3.42E-06
Std		0.00E+00	0.00E+00	1.11E-08	4.12E-04	3.44E-04	6.85E-05	4.00E-06	3.27E-06
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ΣALL									
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	3.33E-07	6.75E-03	4.15E-03	7.69E-04	2.42E-05	3.00E-05
Avg		0.00E+00	0.00E+00	3.70E-10	4.28E-05	5.33E-05	1.30E-05	2.20E-06	3.42E-06
Std		0.00E+00	0.00E+00	1.11E-08	4.12E-04	3.44E-04	6.85E-05	4.00E-06	3.27E-06
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ΣALL is total pathway dose summed for all nuclides.

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

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
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Cm-243									
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
ΣALL									
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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ΣALL is total pathway dose summed for all nuclides.

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

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
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Cm-243									
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		4.68E-01	4.80E-01	5.12E-01	4.77E-01	2.94E-01	5.44E-02	1.41E-03	9.21E-04
Avg		2.83E-01	2.77E-01	2.66E-01	2.29E-01	1.46E-01	2.97E-02	9.77E-04	6.83E-04
Std		1.66E-01	1.62E-01	1.55E-01	1.32E-01	8.23E-02	1.52E-02	3.99E-04	2.60E-04
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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		4.68E-01	4.80E-01	5.12E-01	4.77E-01	2.94E-01	5.44E-02	1.41E-03	9.21E-04
Avg		2.83E-01	2.77E-01	2.66E-01	2.29E-01	1.46E-01	2.97E-02	9.77E-04	6.83E-04
Std		1.66E-01	1.62E-01	1.55E-01	1.32E-01	8.23E-02	1.52E-02	3.99E-04	2.60E-04
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ALL is total pathway dose summed for all nuclides.

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

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
Cm-243									
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		2.10E-04	2.15E-04	2.29E-04	3.24E-03	2.00E-03	3.80E-04	2.17E-05	1.74E-05
Avg		1.28E-04	1.25E-04	1.20E-04	1.43E-04	1.19E-04	2.90E-05	6.63E-06	1.14E-05
Std		7.47E-05	7.30E-05	6.97E-05	3.54E-04	3.16E-04	7.23E-05	8.69E-06	6.96E-06
ΣALL									
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		2.10E-04	2.15E-04	2.29E-04	3.24E-03	2.00E-03	3.80E-04	2.17E-05	1.74E-05
Avg		1.28E-04	1.25E-04	1.20E-04	1.43E-04	1.19E-04	2.90E-05	6.63E-06	1.14E-05
Std		7.47E-05	7.30E-05	6.97E-05	3.54E-04	3.16E-04	7.23E-05	8.69E-06	6.96E-06

ΣALL is total pathway dose summed for all nuclides.

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

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
Cm-243									
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		1.64E-04	1.67E-04	1.79E-04	1.17E-03	7.23E-04	1.32E-04	1.93E-06	8.39E-07
Avg		9.92E-05	9.71E-05	9.31E-05	9.35E-05	6.87E-05	1.51E-05	6.43E-07	5.55E-07
Std		5.81E-05	5.67E-05	5.42E-05	1.31E-04	1.13E-04	2.46E-05	7.33E-07	3.21E-07
ΣALL									
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		1.64E-04	1.67E-04	1.79E-04	1.17E-03	7.23E-04	1.32E-04	1.93E-06	8.39E-07
Avg		9.92E-05	9.71E-05	9.31E-05	9.35E-05	6.87E-05	1.51E-05	6.43E-07	5.55E-07
Std		5.81E-05	5.67E-05	5.42E-05	1.31E-04	1.13E-04	2.46E-05	7.33E-07	3.21E-07

ΣALL is total pathway dose summed for all nuclides.

Probabilistic Dose vs Pathway(i): Soil Ingestion

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
Cm-243									
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	2.39E-06	2.78E-02	1.71E-02	3.16E-03	8.23E-05	5.37E-05
Avg		0.00E+00	0.00E+00	2.66E-09	3.71E-04	4.83E-04	1.35E-04	2.28E-05	3.48E-05
Std		0.00E+00	0.00E+00	7.97E-08	3.11E-03	2.78E-03	6.22E-04	3.42E-05	2.23E-05
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		0.00E+00	0.00E+00	2.39E-06	2.78E-02	1.71E-02	3.16E-03	8.23E-05	5.37E-05
Avg		0.00E+00	0.00E+00	2.66E-09	3.71E-04	4.83E-04	1.35E-04	2.28E-05	3.48E-05
Std		0.00E+00	0.00E+00	7.97E-08	3.11E-03	2.78E-03	6.22E-04	3.42E-05	2.23E-05

TOTAL is total pathway dose summed for all nuclides.

Probabilistic Dose vs Pathway(i): Water Ingestion

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
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Cm-243									
Min		1.28E-04	2.46E-04	4.72E-04	1.18E-03	2.65E-03	0.00E+00	0.00E+00	0.00E+00
Max		9.35E+02	8.60E+02	7.27E+02	4.24E+02	1.07E+02	8.44E+00	2.90E-02	4.48E-03
Avg		8.43E+00	8.07E+00	7.43E+00	5.62E+00	2.77E+00	3.60E-01	6.39E-03	3.41E-03
Std		5.18E+01	4.84E+01	4.24E+01	2.75E+01	1.02E+01	1.01E+00	3.73E-03	1.12E-03
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ALL									
Min		1.28E-04	2.46E-04	4.72E-04	1.18E-03	2.65E-03	0.00E+00	0.00E+00	0.00E+00
Max		9.35E+02	8.60E+02	7.27E+02	4.24E+02	1.07E+02	8.44E+00	2.90E-02	4.48E-03
Avg		8.43E+00	8.07E+00	7.43E+00	5.62E+00	2.77E+00	3.60E-01	6.39E-03	3.41E-03
Std		5.18E+01	4.84E+01	4.24E+01	2.75E+01	1.02E+01	1.01E+00	3.73E-03	1.12E-03
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ALL is total pathway dose summed for all nuclides.

Probabilistic Dose vs Pathway(i): Fish Ingestion

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
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Cm-243									
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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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		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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TOTAL is total pathway dose summed for all nuclides.

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
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Cm-243									
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/>									
ΣALL									
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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ΣALL is total pathway dose summed for all nuclides.

Probabilistic Dose vs Pathway(i): Plant (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
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Cm-243									
Min		1.01E-05	1.40E-05	2.15E-05	4.17E-05	8.21E-05	0.00E+00	0.00E+00	0.00E+00
Max		1.38E+02	1.27E+02	1.08E+02	5.99E+01	1.13E+01	1.24E+00	7.30E-03	1.66E-03
Avg		7.31E-01	7.00E-01	6.43E-01	4.86E-01	2.41E-01	3.26E-02	5.87E-04	3.11E-04
Std		5.23E+00	4.86E+00	4.20E+00	2.59E+00	9.05E-01	1.04E-01	5.62E-04	2.16E-04
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ΣALL									
Min		1.01E-05	1.40E-05	2.15E-05	4.17E-05	8.21E-05	0.00E+00	0.00E+00	0.00E+00
Max		1.38E+02	1.27E+02	1.08E+02	5.99E+01	1.13E+01	1.24E+00	7.30E-03	1.66E-03
Avg		7.31E-01	7.00E-01	6.43E-01	4.86E-01	2.41E-01	3.26E-02	5.87E-04	3.11E-04
Std		5.23E+00	4.86E+00	4.20E+00	2.59E+00	9.05E-01	1.04E-01	5.62E-04	2.16E-04
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ΣALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA CM-243.RAD

Probabilistic Dose vs Pathway(i): Meat (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
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Cm-243									
Min		7.63E-08	1.97E-07	4.32E-07	1.01E-06	2.20E-06	0.00E+00	0.00E+00	0.00E+00
Max		4.19E-01	3.86E-01	3.27E-01	1.82E-01	3.73E-02	2.87E-03	1.50E-05	6.34E-06
Avg		3.08E-03	2.95E-03	2.71E-03	2.05E-03	1.01E-03	1.36E-04	5.42E-06	3.50E-06
Std		1.93E-02	1.80E-02	1.57E-02	1.00E-02	3.63E-03	3.68E-04	1.63E-06	1.27E-06
ΣALL									
Min		7.63E-08	1.97E-07	4.32E-07	1.01E-06	2.20E-06	0.00E+00	0.00E+00	0.00E+00
Max		4.19E-01	3.86E-01	3.27E-01	1.82E-01	3.73E-02	2.87E-03	1.50E-05	6.34E-06
Avg		3.08E-03	2.95E-03	2.71E-03	2.05E-03	1.01E-03	1.36E-04	5.42E-06	3.50E-06
Std		1.93E-02	1.80E-02	1.57E-02	1.00E-02	3.63E-03	3.68E-04	1.63E-06	1.27E-06
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ΣALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA CM-243.RAD

Probabilistic Dose vs Pathway(i): Milk (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
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Cm-243									
Min		1.72E-08	2.54E-08	4.13E-08	9.15E-08	1.59E-07	0.00E+00	0.00E+00	0.00E+00
Max		2.41E-01	2.22E-01	1.88E-01	1.05E-01	1.97E-02	1.54E-03	5.79E-06	5.03E-07
Avg		1.64E-03	1.57E-03	1.44E-03	1.09E-03	5.37E-04	7.02E-05	6.84E-07	2.46E-07
Std		1.05E-02	9.75E-03	8.48E-03	5.36E-03	1.92E-03	1.97E-04	7.81E-07	9.72E-08
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ALL									
Min		1.72E-08	2.54E-08	4.13E-08	9.15E-08	1.59E-07	0.00E+00	0.00E+00	0.00E+00
Max		2.41E-01	2.22E-01	1.88E-01	1.05E-01	1.97E-02	1.54E-03	5.79E-06	5.03E-07
Avg		1.64E-03	1.57E-03	1.44E-03	1.09E-03	5.37E-04	7.02E-05	6.84E-07	2.46E-07
Std		1.05E-02	9.75E-03	8.48E-03	5.36E-03	1.92E-03	1.97E-04	7.81E-07	9.72E-08
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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\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA CM-243.RAD

Cumulative Probability Summary for: Total Dose Over Pathways

Cumulative Probability	Dose(t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
0.025	1.89E-02	1.86E-02	1.97E-02	1.93E-02	1.53E-02	9.05E-03	5.20E-03	0.00E+00
0.050	7.86E-02	7.68E-02	7.46E-02	6.55E-02	4.55E-02	1.77E-02	5.44E-03	1.21E-03
0.075	1.34E-01	1.32E-01	1.27E-01	1.17E-01	7.92E-02	2.44E-02	5.66E-03	1.85E-03
0.100	1.93E-01	1.89E-01	1.82E-01	1.61E-01	1.05E-01	3.01E-02	5.80E-03	2.49E-03
0.125	2.38E-01	2.33E-01	2.26E-01	2.03E-01	1.37E-01	3.50E-02	5.92E-03	2.93E-03
0.150	3.20E-01	3.14E-01	3.02E-01	2.58E-01	1.67E-01	3.78E-02	6.00E-03	3.24E-03
0.175	3.47E-01	3.40E-01	3.24E-01	2.78E-01	1.81E-01	4.10E-02	6.08E-03	3.52E-03
0.200	3.77E-01	3.68E-01	3.53E-01	3.01E-01	1.95E-01	4.26E-02	6.13E-03	3.77E-03
0.225	4.03E-01	3.95E-01	3.77E-01	3.23E-01	2.06E-01	4.50E-02	6.19E-03	3.98E-03
0.250	4.24E-01	4.15E-01	3.97E-01	3.39E-01	2.18E-01	4.65E-02	6.25E-03	4.17E-03
0.275	4.38E-01	4.29E-01	4.11E-01	3.53E-01	2.25E-01	4.78E-02	6.29E-03	4.27E-03
0.300	4.54E-01	4.45E-01	4.28E-01	3.65E-01	2.31E-01	4.96E-02	6.33E-03	4.36E-03
0.325	4.71E-01	4.61E-01	4.41E-01	3.77E-01	2.41E-01	5.15E-02	6.40E-03	4.44E-03
0.350	4.92E-01	4.81E-01	4.60E-01	3.93E-01	2.50E-01	5.38E-02	6.44E-03	4.54E-03
0.375	5.06E-01	4.94E-01	4.74E-01	4.09E-01	2.62E-01	5.57E-02	6.48E-03	4.60E-03
0.400	5.37E-01	5.24E-01	5.03E-01	4.32E-01	2.76E-01	5.87E-02	6.55E-03	4.67E-03
0.425	5.65E-01	5.52E-01	5.26E-01	4.57E-01	2.93E-01	6.18E-02	6.61E-03	4.73E-03
0.450	6.01E-01	5.87E-01	5.60E-01	4.80E-01	3.12E-01	6.45E-02	6.66E-03	4.80E-03
0.475	6.44E-01	6.29E-01	5.99E-01	5.15E-01	3.27E-01	6.86E-02	6.72E-03	4.84E-03
0.500	6.82E-01	6.66E-01	6.36E-01	5.47E-01	3.53E-01	7.25E-02	6.77E-03	4.89E-03
0.525	7.37E-01	7.20E-01	6.88E-01	5.93E-01	3.80E-01	8.06E-02	6.83E-03	4.94E-03
0.550	8.16E-01	7.97E-01	7.60E-01	6.71E-01	4.30E-01	8.70E-02	6.87E-03	4.99E-03
0.575	9.10E-01	8.88E-01	8.46E-01	7.32E-01	4.65E-01	9.41E-02	6.93E-03	5.02E-03
0.600	1.04E+00	1.02E+00	9.68E-01	8.19E-01	5.25E-01	1.06E-01	6.99E-03	5.07E-03
0.625	1.22E+00	1.19E+00	1.14E+00	9.75E-01	6.07E-01	1.19E-01	7.05E-03	5.12E-03
0.650	1.41E+00	1.37E+00	1.31E+00	1.11E+00	6.90E-01	1.32E-01	7.16E-03	5.16E-03
0.675	1.60E+00	1.56E+00	1.49E+00	1.27E+00	7.89E-01	1.52E-01	7.25E-03	5.20E-03
0.700	1.82E+00	1.77E+00	1.69E+00	1.44E+00	8.88E-01	1.67E-01	7.39E-03	5.25E-03
0.725	2.19E+00	2.14E+00	2.04E+00	1.73E+00	1.08E+00	2.01E-01	7.52E-03	5.29E-03
0.750	2.47E+00	2.41E+00	2.29E+00	1.94E+00	1.20E+00	2.28E-01	7.64E-03	5.33E-03
0.775	3.13E+00	3.05E+00	2.91E+00	2.45E+00	1.53E+00	2.77E-01	7.95E-03	5.40E-03
0.800	3.78E+00	3.69E+00	3.51E+00	2.96E+00	1.81E+00	3.31E-01	8.30E-03	5.42E-03
0.825	4.70E+00	4.59E+00	4.37E+00	3.69E+00	2.27E+00	4.13E-01	8.70E-03	5.47E-03
0.850	6.12E+00	5.97E+00	5.69E+00	4.79E+00	2.93E+00	5.07E-01	9.57E-03	5.51E-03
0.875	7.96E+00	7.77E+00	7.39E+00	6.22E+00	3.79E+00	6.72E-01	1.03E-02	5.56E-03
0.900	1.15E+01	1.13E+01	1.07E+01	9.01E+00	5.51E+00	9.58E-01	1.22E-02	5.62E-03
0.925	1.76E+01	1.71E+01	1.63E+01	1.37E+01	8.32E+00	1.40E+00	1.41E-02	5.69E-03
0.950	2.98E+01	2.91E+01	2.76E+01	2.31E+01	1.39E+01	2.16E+00	1.68E-02	5.79E-03
0.975	6.55E+01	6.38E+01	6.04E+01	5.00E+01	2.96E+01	4.32E+00	2.15E-02	5.88E-03
1.000	1.07E+02	9.87E+01	8.35E+01	4.66E+01	1.15E+01	8.64E+00	3.14E-02	6.67E-03

Summary of dose at graphical times, reptition 1								
Time	Dose statistics at graphical times, mrem/yr							
Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	4.50E-04	1.07E+03	1.04E+01	6.99E-01	1.19E+01	2.97E+01	7.16E+01	2.21E+02
1.00E+00	5.63E-04	9.87E+02	9.89E+00	6.83E-01	1.16E+01	2.90E+01	6.97E+01	2.14E+02
1.06E+00	5.70E-04	9.83E+02	9.86E+00	6.82E-01	1.16E+01	2.89E+01	6.96E+01	2.13E+02
1.12E+00	5.77E-04	9.78E+02	9.83E+00	6.81E-01	1.16E+01	2.89E+01	6.95E+01	2.13E+02
1.19E+00	5.84E-04	9.72E+02	9.80E+00	6.80E-01	1.16E+01	2.88E+01	6.94E+01	2.13E+02
1.25E+00	5.92E-04	9.67E+02	9.77E+00	6.78E-01	1.16E+01	2.88E+01	6.92E+01	2.12E+02
1.33E+00	6.00E-04	9.61E+02	9.74E+00	6.77E-01	1.15E+01	2.87E+01	6.91E+01	2.12E+02
1.40E+00	6.08E-04	9.55E+02	9.70E+00	6.76E-01	1.15E+01	2.87E+01	6.90E+01	2.11E+02
1.49E+00	6.17E-04	9.48E+02	9.66E+00	6.75E-01	1.15E+01	2.86E+01	6.88E+01	2.11E+02
1.57E+00	6.27E-04	9.41E+02	9.63E+00	6.73E-01	1.15E+01	2.86E+01	6.87E+01	2.10E+02
1.66E+00	6.37E-04	9.34E+02	9.58E+00	6.72E-01	1.14E+01	2.85E+01	6.85E+01	2.09E+02
1.76E+00	6.48E-04	9.27E+02	9.54E+00	6.70E-01	1.14E+01	2.84E+01	6.83E+01	2.09E+02
1.86E+00	6.59E-04	9.19E+02	9.49E+00	6.69E-01	1.14E+01	2.83E+01	6.81E+01	2.08E+02
1.97E+00	6.71E-04	9.10E+02	9.45E+00	6.67E-01	1.14E+01	2.83E+01	6.80E+01	2.07E+02
2.09E+00	6.84E-04	9.02E+02	9.40E+00	6.65E-01	1.13E+01	2.82E+01	6.78E+01	2.06E+02
2.21E+00	6.97E-04	8.93E+02	9.34E+00	6.63E-01	1.13E+01	2.81E+01	6.75E+01	2.06E+02
2.34E+00	7.11E-04	8.83E+02	9.29E+00	6.61E-01	1.13E+01	2.80E+01	6.73E+01	2.05E+02
2.47E+00	7.26E-04	8.73E+02	9.23E+00	6.59E-01	1.12E+01	2.79E+01	6.71E+01	2.04E+02
2.62E+00	7.41E-04	8.63E+02	9.17E+00	6.57E-01	1.12E+01	2.78E+01	6.68E+01	2.03E+02
2.77E+00	7.57E-04	8.52E+02	9.10E+00	6.55E-01	1.11E+01	2.77E+01	6.65E+01	2.02E+02
2.93E+00	7.75E-04	8.40E+02	9.04E+00	6.52E-01	1.11E+01	2.76E+01	6.63E+01	2.01E+02
3.00E+00	7.82E-04	8.35E+02	9.01E+00	6.51E-01	1.11E+01	2.75E+01	6.61E+01	2.00E+02
3.10E+00	7.93E-04	8.28E+02	8.96E+00	6.49E-01	1.10E+01	2.75E+01	6.60E+01	2.00E+02
3.28E+00	8.12E-04	8.16E+02	8.89E+00	6.47E-01	1.10E+01	2.73E+01	6.57E+01	1.99E+02
3.48E+00	8.32E-04	8.03E+02	8.81E+00	6.44E-01	1.09E+01	2.72E+01	6.53E+01	1.97E+02
3.68E+00	8.54E-04	7.89E+02	8.73E+00	6.41E-01	1.09E+01	2.71E+01	6.50E+01	1.96E+02
3.89E+00	8.76E-04	7.75E+02	8.65E+00	6.38E-01	1.08E+01	2.69E+01	6.46E+01	1.95E+02
4.12E+00	9.00E-04	7.61E+02	8.56E+00	6.34E-01	1.08E+01	2.68E+01	6.42E+01	1.93E+02
4.36E+00	9.25E-04	7.46E+02	8.47E+00	6.31E-01	1.07E+01	2.66E+01	6.38E+01	1.92E+02
4.61E+00	9.51E-04	7.30E+02	8.37E+00	6.34E-01	1.06E+01	2.64E+01	6.34E+01	1.90E+02
4.88E+00	9.78E-04	7.14E+02	8.27E+00	6.30E-01	1.06E+01	2.63E+01	6.30E+01	1.89E+02
5.17E+00	1.01E-03	6.97E+02	8.17E+00	6.26E-01	1.05E+01	2.61E+01	6.25E+01	1.87E+02
5.47E+00	1.04E-03	6.80E+02	8.06E+00	6.21E-01	1.04E+01	2.59E+01	6.20E+01	1.85E+02
5.78E+00	1.07E-03	6.62E+02	7.94E+00	6.17E-01	1.03E+01	2.57E+01	6.15E+01	1.83E+02
6.12E+00	1.10E-03	6.44E+02	7.83E+00	6.12E-01	1.03E+01	2.54E+01	6.10E+01	1.81E+02
6.48E+00	1.14E-03	6.25E+02	7.71E+00	6.06E-01	1.02E+01	2.52E+01	6.04E+01	1.79E+02
6.86E+00	1.17E-03	6.05E+02	7.58E+00	6.01E-01	1.01E+01	2.50E+01	5.98E+01	1.77E+02
7.26E+00	1.21E-03	5.86E+02	7.45E+00	5.95E-01	9.97E+00	2.47E+01	5.92E+01	1.75E+02
7.68E+00	1.25E-03	5.65E+02	7.31E+00	5.89E-01	9.87E+00	2.45E+01	5.85E+01	1.72E+02
8.13E+00	1.30E-03	5.45E+02	7.18E+00	5.89E-01	9.76E+00	2.42E+01	5.78E+01	1.70E+02
8.60E+00	1.34E-03	5.23E+02	7.03E+00	5.83E-01	9.65E+00	2.39E+01	5.71E+01	1.67E+02
9.10E+00	1.39E-03	5.02E+02	6.88E+00	5.76E-01	9.53E+00	2.36E+01	5.64E+01	1.64E+02
9.63E+00	1.44E-03	4.80E+02	6.73E+00	5.68E-01	9.41E+00	2.33E+01	5.57E+01	1.62E+02
1.00E+01	1.47E-03	4.66E+02	6.63E+00	5.63E-01	9.32E+00	2.31E+01	5.52E+01	1.60E+02
1.02E+01	1.49E-03	4.58E+02	6.58E+00	5.61E-01	9.28E+00	2.29E+01	5.49E+01	1.59E+02
1.08E+01	1.54E-03	4.36E+02	6.42E+00	5.53E-01	9.14E+00	2.26E+01	5.40E+01	1.56E+02
1.14E+01	1.59E-03	4.14E+02	6.25E+00	5.45E-01	9.00E+00	2.22E+01	5.31E+01	1.53E+02
1.21E+01	1.65E-03	3.91E+02	6.09E+00	5.36E-01	8.86E+00	2.19E+01	5.22E+01	1.49E+02
1.28E+01	1.71E-03	3.69E+02	5.91E+00	5.27E-01	8.71E+00	2.15E+01	5.12E+01	1.46E+02
1.35E+01	1.77E-03	3.47E+02	5.74E+00	5.18E-01	8.55E+00	2.11E+01	5.02E+01	1.42E+02
1.43E+01	1.84E-03	3.25E+02	5.56E+00	5.08E-01	8.39E+00	2.07E+01	4.92E+01	1.39E+02
1.51E+01	1.90E-03	3.03E+02	5.38E+00	4.98E-01	8.22E+00	2.02E+01	4.81E+01	1.35E+02
1.60E+01	1.97E-03	2.81E+02	5.20E+00	4.89E-01	8.04E+00	1.98E+01	4.70E+01	1.31E+02
1.70E+01	2.04E-03	2.60E+02	5.02E+00	4.78E-01	7.86E+00	1.93E+01	4.58E+01	1.27E+02
1.80E+01	2.12E-03	2.40E+02	4.83E+00	4.68E-01	7.67E+00	1.88E+01	4.46E+01	1.23E+02
1.90E+01	2.19E-03	2.20E+02	4.65E+00	4.57E-01	7.48E+00	1.84E+01	4.34E+01	1.19E+02

2.01E+01 2.27E-03 2.00E+02 4.46E+00 4.46E-01 7.29E+00 1.78E+01 4.21E+01 1.15E+02

2.13E+01 2.35E-03 1.82E+02 4.27E+00 4.34E-01 7.08E+00 1.73E+01 4.09E+01 1.11E+02

2.25E+01 2.44E-03 1.64E+02 4.09E+00 4.22E-01 6.87E+00 1.68E+01 3.95E+01 1.06E+02

2.38E+01 2.52E-03 1.47E+02 3.90E+00 4.09E-01 6.65E+00 1.62E+01 3.82E+01 1.02E+02

2.52E+01 2.61E-03 1.31E+02 3.71E+00 3.95E-01 6.43E+00 1.57E+01 3.68E+01 9.75E+01

2.67E+01 2.70E-03 1.16E+02 3.53E+00 3.82E-01 6.20E+00 1.51E+01 3.54E+01 9.30E+01

2.82E+01 2.79E-03 1.01E+02 3.34E+00 3.68E-01 5.96E+00 1.45E+01 3.39E+01 8.84E+01

2.99E+01 2.88E-03 9.13E+01 3.16E+00 3.54E-01 5.72E+00 1.39E+01 3.25E+01 8.38E+01

3.00E+01 2.89E-03 9.09E+01 3.15E+00 3.53E-01 5.71E+00 1.39E+01 3.24E+01 8.35E+01

3.16E+01 2.98E-03 8.48E+01 2.99E+00 3.39E-01 5.48E+00 1.33E+01 3.10E+01 7.63E+01

3.35E+01 3.07E-03 7.85E+01 2.81E+00 3.27E-01 5.24E+00 1.27E+01 2.95E+01 6.55E+01

3.54E+01 3.17E-03 7.23E+01 2.64E+00 3.14E-01 4.99E+00 1.21E+01 2.80E+01 5.57E+01

3.75E+01 3.26E-03 6.63E+01 2.47E+00 3.02E-01 4.74E+00 1.15E+01 2.65E+01 5.06E+01

3.97E+01 3.36E-03 6.12E+01 2.31E+00 2.87E-01 4.49E+00 1.09E+01 2.50E+01 4.74E+01

4.20E+01 3.46E-03 5.68E+01 2.15E+00 2.73E-01 4.24E+00 1.03E+01 2.35E+01 4.42E+01

4.44E+01 3.56E-03 5.24E+01 1.99E+00 2.58E-01 3.99E+00 9.63E+00 2.20E+01 4.12E+01

4.70E+01 3.65E-03 4.82E+01 1.84E+00 2.44E-01 3.74E+00 9.02E+00 2.00E+01 3.81E+01

4.97E+01 3.75E-03 4.41E+01 1.70E+00 2.28E-01 3.50E+00 8.42E+00 1.72E+01 3.52E+01

5.26E+01 3.84E-03 4.02E+01 1.56E+00 2.13E-01 3.25E+00 7.82E+00 1.60E+01 3.23E+01

5.57E+01 3.93E-03 3.64E+01 1.42E+00 1.98E-01 3.02E+00 7.24E+00 1.47E+01 2.95E+01

5.90E+01 4.02E-03 3.27E+01 1.30E+00 1.84E-01 2.78E+00 6.66E+00 1.35E+01 2.67E+01

6.24E+01 4.11E-03 2.93E+01 1.18E+00 1.70E-01 2.56E+00 5.84E+00 1.24E+01 2.31E+01

6.60E+01 4.20E-03 2.60E+01 1.06E+00 1.56E-01 2.34E+00 5.00E+00 1.12E+01 1.98E+01

6.99E+01 4.28E-03 2.30E+01 9.52E-01 1.43E-01 2.12E+00 4.53E+00 1.02E+01 1.69E+01

7.39E+01 4.36E-03 2.01E+01 8.50E-01 1.30E-01 1.92E+00 4.07E+00 9.13E+00 1.42E+01

7.82E+01 4.43E-03 1.75E+01 7.54E-01 1.17E-01 1.64E+00 3.64E+00 8.15E+00 1.19E+01

8.28E+01 4.50E-03 1.51E+01 6.66E-01 1.06E-01 1.45E+00 3.24E+00 7.23E+00 1.05E+01

8.76E+01 4.57E-03 1.29E+01 5.84E-01 9.53E-02 1.29E+00 2.86E+00 6.37E+00 9.10E+00

9.27E+01 4.63E-03 1.09E+01 5.08E-01 8.52E-02 1.14E+00 2.50E+00 5.57E+00 7.85E+00

9.81E+01 4.69E-03 9.18E+00 4.40E-01 7.62E-02 9.93E-01 2.17E+00 4.84E+00 6.72E+00

1.00E+02 4.71E-03 8.64E+00 4.18E-01 7.32E-02 9.48E-01 2.07E+00 4.60E+00 6.36E+00

1.04E+02 4.74E-03 7.63E+00 3.77E-01 6.75E-02 8.61E-01 1.88E+00 4.05E+00 5.70E+00

1.10E+02 4.79E-03 6.27E+00 3.21E-01 5.96E-02 7.41E-01 1.60E+00 3.29E+00 4.79E+00

1.16E+02 4.83E-03 5.09E+00 2.71E-01 5.25E-02 6.32E-01 1.36E+00 2.65E+00 3.98E+00

1.23E+02 4.87E-03 4.09E+00 2.27E-01 4.57E-02 5.34E-01 1.14E+00 2.18E+00 3.27E+00

1.30E+02 4.90E-03 3.27E+00 1.89E-01 3.96E-02 4.48E-01 9.48E-01 1.81E+00 2.66E+00

1.38E+02 4.93E-03 2.62E+00 1.55E-01 3.42E-02 3.71E-01 7.79E-01 1.48E+00 2.14E+00

1.46E+02 4.95E-03 2.06E+00 1.27E-01 2.94E-02 3.05E-01 6.34E-01 1.18E+00 1.70E+00

1.54E+02 4.33E-03 1.61E+00 1.03E-01 2.52E-02 2.47E-01 5.09E-01 9.24E-01 1.33E+00

1.63E+02 2.90E-03 1.23E+00 8.22E-02 2.16E-02 1.99E-01 4.04E-01 7.21E-01 1.03E+00

1.73E+02 2.20E-03 9.32E-01 6.54E-02 1.85E-02 1.58E-01 3.17E-01 5.55E-01 7.83E-01

1.83E+02 1.87E-03 6.93E-01 5.16E-02 1.61E-02 1.24E-01 2.45E-01 4.21E-01 5.87E-01

1.94E+02 1.72E-03 5.07E-01 4.06E-02 1.42E-02 9.38E-02 1.88E-01 3.15E-01 4.33E-01

2.05E+02 1.65E-03 3.65E-01 3.18E-02 1.24E-02 7.04E-02 1.42E-01 2.33E-01 3.14E-01

2.17E+02 1.62E-03 2.58E-01 2.49E-02 1.11E-02 5.41E-02 1.07E-01 1.69E-01 2.24E-01

2.29E+02 1.61E-03 1.79E-01 1.96E-02 9.85E-03 4.13E-02 7.89E-02 1.22E-01 1.61E-01

2.43E+02 1.60E-03 1.22E-01 1.56E-02 8.86E-03 3.14E-02 5.78E-02 8.61E-02 1.15E-01

2.57E+02 1.60E-03 8.26E-02 1.27E-02 8.05E-03 2.40E-02 4.22E-02 5.85E-02 8.12E-02

2.72E+02 1.59E-03 5.69E-02 1.05E-02 7.40E-03 1.85E-02 3.08E-02 4.12E-02 5.46E-02

2.88E+02 1.59E-03 3.95E-02 8.91E-03 6.98E-03 1.45E-02 2.25E-02 2.89E-02 3.73E-02

3.00E+02 1.58E-03 3.02E-02 8.07E-03 6.75E-03 1.23E-02 1.78E-02 2.25E-02 2.83E-02

3.05E+02 1.58E-03 2.75E-02 7.81E-03 6.69E-03 1.17E-02 1.65E-02 2.06E-02 2.57E-02

3.22E+02 0.00E+00 1.95E-02 7.06E-03 6.43E-03 9.69E-03 1.19E-02 1.49E-02 1.80E-02

3.41E+02 0.00E+00 1.42E-02 6.55E-03 6.23E-03 8.08E-03 9.37E-03 1.10E-02 1.32E-02

3.61E+02	0.00E+00	1.08E-02	6.21E-03	6.12E-03	7.20E-03	7.97E-03	8.84E-03	9.88E-03
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3.82E+02 0.00E+00 8.74E-03 5.99E-03 6.01E-03 6.76E-03 7.06E-03 7.49E-03 7.84E-03

4.04E+02 0.00E+00 7.66E-03 5.82E-03 5.92E-03 6.46E-03 6.64E-03 6.77E-03 7.04E-03

4.28E+02 0.00E+00 7.01E-03 5.72E-03 5.84E-03 6.31E-03 6.46E-03 6.63E-03 6.83E-03

4.53E+02 0.00E+00 6.95E-03 5.64E-03 5.75E-03 6.23E-03 6.39E-03 6.58E-03 6.78E-03

4.79E+02 0.00E+00 6.92E-03 5.57E-03 5.68E-03 6.17E-03 6.37E-03 6.48E-03 6.75E-03

5.07E+02 0.00E+00 6.90E-03 5.51E-03 5.64E-03 6.13E-03 6.34E-03 6.43E-03 6.71E-03

5.36E+02	0.00E+00	6.89E-03	5.44E-03	5.59E-03	6.10E-03	6.31E-03	6.40E-03	6.68E-03
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5.68E+02 0.00E+00 6.87E-03 5.37E-03 5.56E-03 6.07E-03 6.27E-03 6.36E-03 6.64E-03

6.01E+02 0.00E+00 6.85E-03 5.30E-03 5.51E-03 6.03E-03 6.24E-03 6.33E-03 6.61E-03

6.36E+02	0.00E+00	6.84E-03	5.24E-03	5.45E-03	5.98E-03	6.19E-03	6.28E-03	6.57E-03
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6.73E+02 0.00E+00 6.82E-03 5.16E-03 5.40E-03 5.95E-03 6.17E-03 6.24E-03 6.53E-03

7.12E+02 0.00E+00 6.80E-03 5.06E-03 5.36E-03 5.92E-03 6.16E-03 6.24E-03 6.49E-03

7.53E+02 0.00E+00 6.78E-03 4.97E-03 5.30E-03 5.89E-03 6.09E-03 6.24E-03 6.44E-03

7.97E+02 0.00E+00 6.76E-03 4.88E-03 5.22E-03 5.84E-03 6.06E-03 6.21E-03 6.39E-03

8.44E+02 0.00E+00 6.74E-03 4.79E-03 5.16E-03 5.78E-03 6.01E-03 6.15E-03 6.34E-03

8.93E+02 0.00E+00 6.72E-03 4.68E-03 5.07E-03 5.72E-03 5.90E-03 6.06E-03 6.29E-03

9.45E+02 0.00E+00 6.70E-03 4.55E-03 4.98E-03 5.66E-03 5.83E-03 6.02E-03 6.24E-03

1.00E+03 0.00E+00 6.67E-03 4.43E-03 4.89E-03 5.58E-03 5.80E-03 5.97E-03 6.18E-03

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA CM-243.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	2.81E-03	9.36E+02	9.60E+00	6.54E-01	1.15E+01	3.19E+01	7.49E+01	1.89E+02
1.00E+00	2.88E-03	8.68E+02	9.20E+00	6.39E-01	1.13E+01	3.11E+01	7.28E+01	1.83E+02
1.06E+00	2.88E-03	8.64E+02	9.17E+00	6.38E-01	1.12E+01	3.10E+01	7.27E+01	1.83E+02
1.12E+00	2.89E-03	8.60E+02	9.15E+00	6.37E-01	1.12E+01	3.10E+01	7.26E+01	1.82E+02
1.19E+00	2.89E-03	8.56E+02	9.12E+00	6.36E-01	1.12E+01	3.09E+01	7.24E+01	1.82E+02
1.25E+00	2.90E-03	8.51E+02	9.10E+00	6.35E-01	1.12E+01	3.09E+01	7.23E+01	1.82E+02
1.33E+00	2.90E-03	8.47E+02	9.07E+00	6.34E-01	1.12E+01	3.08E+01	7.21E+01	1.81E+02
1.40E+00	2.91E-03	8.42E+02	9.04E+00	6.33E-01	1.11E+01	3.08E+01	7.20E+01	1.81E+02
1.49E+00	2.91E-03	8.37E+02	9.01E+00	6.32E-01	1.11E+01	3.07E+01	7.18E+01	1.80E+02
1.57E+00	2.92E-03	8.31E+02	8.97E+00	6.30E-01	1.11E+01	3.06E+01	7.16E+01	1.80E+02
1.66E+00	2.93E-03	8.25E+02	8.94E+00	6.29E-01	1.11E+01	3.06E+01	7.15E+01	1.79E+02
1.76E+00	2.93E-03	8.19E+02	8.90E+00	6.28E-01	1.10E+01	3.05E+01	7.13E+01	1.79E+02
1.86E+00	2.94E-03	8.13E+02	8.86E+00	6.26E-01	1.10E+01	3.04E+01	7.10E+01	1.78E+02
1.97E+00	2.95E-03	8.06E+02	8.82E+00	6.24E-01	1.10E+01	3.03E+01	7.08E+01	1.78E+02
2.09E+00	2.95E-03	7.99E+02	8.78E+00	6.23E-01	1.10E+01	3.02E+01	7.06E+01	1.77E+02
2.21E+00	2.96E-03	7.92E+02	8.73E+00	6.21E-01	1.09E+01	3.01E+01	7.04E+01	1.76E+02
2.34E+00	2.97E-03	7.84E+02	8.69E+00	6.19E-01	1.09E+01	3.00E+01	7.01E+01	1.76E+02
2.47E+00	2.98E-03	7.76E+02	8.64E+00	6.17E-01	1.08E+01	2.99E+01	6.98E+01	1.75E+02
2.62E+00	2.99E-03	7.68E+02	8.59E+00	6.15E-01	1.08E+01	2.98E+01	6.95E+01	1.74E+02
2.77E+00	3.00E-03	7.59E+02	8.53E+00	6.13E-01	1.08E+01	2.97E+01	6.92E+01	1.73E+02
2.93E+00	3.01E-03	7.50E+02	8.47E+00	6.11E-01	1.07E+01	2.96E+01	6.89E+01	1.72E+02
3.00E+00	3.02E-03	7.46E+02	8.45E+00	6.10E-01	1.07E+01	2.95E+01	6.88E+01	1.72E+02
3.10E+00	3.02E-03	7.40E+02	8.41E+00	6.08E-01	1.07E+01	2.94E+01	6.86E+01	1.71E+02
3.28E+00	3.03E-03	7.30E+02	8.35E+00	6.06E-01	1.06E+01	2.93E+01	6.82E+01	1.70E+02
3.48E+00	3.05E-03	7.20E+02	8.28E+00	6.03E-01	1.06E+01	2.92E+01	6.79E+01	1.69E+02
3.68E+00	3.06E-03	7.09E+02	8.21E+00	6.00E-01	1.05E+01	2.90E+01	6.75E+01	1.68E+02
3.89E+00	3.07E-03	6.98E+02	8.14E+00	5.97E-01	1.05E+01	2.89E+01	6.71E+01	1.67E+02
4.12E+00	3.09E-03	6.86E+02	8.06E+00	5.94E-01	1.04E+01	2.87E+01	6.66E+01	1.66E+02
4.36E+00	3.10E-03	6.73E+02	7.98E+00	5.91E-01	1.04E+01	2.85E+01	6.62E+01	1.65E+02
4.61E+00	3.12E-03	6.61E+02	7.90E+00	5.87E-01	1.03E+01	2.83E+01	6.57E+01	1.63E+02
4.88E+00	3.14E-03	6.47E+02	7.81E+00	5.87E-01	1.02E+01	2.81E+01	6.52E+01	1.62E+02
5.17E+00	3.16E-03	6.34E+02	7.72E+00	5.83E-01	1.01E+01	2.79E+01	6.47E+01	1.60E+02
5.47E+00	3.18E-03	6.19E+02	7.63E+00	5.79E-01	1.01E+01	2.77E+01	6.41E+01	1.59E+02
5.78E+00	3.19E-03	6.05E+02	7.53E+00	5.75E-01	1.00E+01	2.75E+01	6.35E+01	1.57E+02
6.12E+00	3.22E-03	5.89E+02	7.43E+00	5.70E-01	9.91E+00	2.72E+01	6.29E+01	1.56E+02
6.48E+00	3.24E-03	5.74E+02	7.32E+00	5.65E-01	9.83E+00	2.70E+01	6.23E+01	1.54E+02
6.86E+00	3.26E-03	5.58E+02	7.21E+00	5.60E-01	9.73E+00	2.67E+01	6.16E+01	1.52E+02
7.26E+00	3.28E-03	5.41E+02	7.10E+00	5.55E-01	9.64E+00	2.65E+01	6.09E+01	1.50E+02
7.68E+00	3.31E-03	5.24E+02	6.98E+00	5.50E-01	9.54E+00	2.62E+01	6.02E+01	1.48E+02
8.13E+00	3.34E-03	5.07E+02	6.86E+00	5.44E-01	9.43E+00	2.59E+01	5.94E+01	1.46E+02
8.60E+00	3.36E-03	4.89E+02	6.73E+00	5.38E-01	9.32E+00	2.56E+01	5.86E+01	1.44E+02
9.10E+00	3.39E-03	4.71E+02	6.60E+00	5.36E-01	9.21E+00	2.52E+01	5.78E+01	1.42E+02
9.63E+00	3.42E-03	4.52E+02	6.46E+00	5.29E-01	9.09E+00	2.49E+01	5.69E+01	1.39E+02
1.00E+01	3.44E-03	4.40E+02	6.37E+00	5.25E-01	9.01E+00	2.47E+01	5.63E+01	1.38E+02
1.02E+01	3.45E-03	4.33E+02	6.32E+00	5.22E-01	8.96E+00	2.45E+01	5.60E+01	1.37E+02
1.08E+01	3.49E-03	4.14E+02	6.18E+00	5.15E-01	8.83E+00	2.42E+01	5.51E+01	1.34E+02
1.14E+01	3.52E-03	3.95E+02	6.03E+00	5.08E-01	8.70E+00	2.38E+01	5.41E+01	1.32E+02
1.21E+01	3.56E-03	3.76E+02	5.88E+00	5.00E-01	8.56E+00	2.34E+01	5.31E+01	1.29E+02
1.28E+01	3.59E-03	3.56E+02	5.73E+00	4.98E-01	8.41E+00	2.30E+01	5.20E+01	1.26E+02
1.35E+01	3.63E-03	3.37E+02	5.57E+00	4.89E-01	8.25E+00	2.25E+01	5.09E+01	1.23E+02
1.43E+01	3.67E-03	3.17E+02	5.41E+00	4.80E-01	8.09E+00	2.21E+01	4.98E+01	1.20E+02
1.51E+01	3.71E-03	2.98E+02	5.24E+00	4.71E-01	7.93E+00	2.16E+01	4.86E+01	1.17E+02
1.60E+01	3.76E-03	2.79E+02	5.08E+00	4.61E-01	7.76E+00	2.11E+01	4.74E+01	1.14E+02
1.70E+01	3.80E-03	2.60E+02	4.91E+00	4.51E-01	7.58E+00	2.06E+01	4.62E+01	1.10E+02
1.80E+01	3.85E-03	2.41E+02	4.73E+00	4.43E-01	7.40E+00	2.01E+01	4.49E+01	1.07E+02
1.90E+01	3.90E-03	2.23E+02	4.56E+00	4.32E-01	7.21E+00	1.96E+01	4.36E+01	1.03E+02

2.01E+01 3.95E-03 2.05E+02 4.39E+00 4.21E-01 7.02E+00 1.90E+01 4.22E+01 9.99E+01

2.13E+01 4.00E-03 1.88E+02 4.21E+00 4.09E-01 6.81E+00 1.85E+01 4.08E+01 9.63E+01

2.25E+01 4.05E-03 1.71E+02 4.03E+00 3.97E-01 6.61E+00 1.79E+01 3.94E+01 9.25E+01

2.38E+01 4.10E-03 1.55E+02 3.85E+00 3.85E-01 6.40E+00 1.73E+01 3.80E+01 8.88E+01

2.52E+01 4.15E-03 1.39E+02 3.68E+00 3.72E-01 6.18E+00 1.67E+01 3.65E+01 8.49E+01

2.67E+01 4.21E-03 1.25E+02 3.50E+00 3.62E-01 5.96E+00 1.61E+01 3.50E+01 8.11E+01

2.82E+01 4.27E-03 1.11E+02 3.32E+00 3.53E-01 5.74E+00 1.54E+01 3.35E+01 7.72E+01

2.99E+01 4.32E-03 9.79E+01 3.15E+00 3.46E-01 5.51E+00 1.48E+01 3.20E+01 7.33E+01

3.00E+01 4.33E-03 9.70E+01 3.14E+00 3.45E-01 5.49E+00 1.48E+01 3.18E+01 7.30E+01

3.16E+01 4.38E-03 8.58E+01 2.98E+00 3.32E-01 5.28E+00 1.42E+01 3.04E+01 6.93E+01

3.35E+01 4.44E-03 7.69E+01 2.81E+00 3.18E-01 5.04E+00 1.35E+01 2.89E+01 6.54E+01

3.54E+01 4.50E-03 7.17E+01 2.64E+00 3.04E-01 4.80E+00 1.28E+01 2.73E+01 6.15E+01

3.75E+01 4.56E-03 6.65E+01 2.47E+00 2.89E-01 4.57E+00 1.22E+01 2.57E+01 5.51E+01

3.97E+01 4.62E-03 6.14E+01 2.31E+00 2.75E-01 4.33E+00 1.15E+01 2.42E+01 4.67E+01

4.20E+01 4.68E-03 5.65E+01 2.15E+00 2.60E-01 4.09E+00 1.08E+01 2.26E+01 4.36E+01

4.44E+01 4.74E-03 5.17E+01 2.00E+00 2.46E-01 3.85E+00 1.02E+01 2.11E+01 4.06E+01

4.70E+01 4.80E-03 4.71E+01 1.85E+00 2.31E-01 3.61E+00 9.53E+00 1.96E+01 3.77E+01

4.97E+01 4.86E-03 4.26E+01 1.71E+00 2.17E-01 3.37E+00 8.89E+00 1.81E+01 3.48E+01

5.26E+01 4.92E-03 3.84E+01 1.57E+00 2.03E-01 3.14E+00 8.25E+00 1.66E+01 3.20E+01

5.57E+01 4.98E-03 3.43E+01 1.44E+00 1.89E-01 2.91E+00 7.62E+00 1.44E+01 2.93E+01

5.90E+01 5.03E-03 3.05E+01 1.31E+00 1.75E-01 2.69E+00 7.01E+00 1.32E+01 2.67E+01

6.24E+01 5.09E-03 2.69E+01 1.19E+00 1.62E-01 2.47E+00 6.42E+00 1.20E+01 2.42E+01

6.60E+01 5.14E-03 2.36E+01 1.07E+00 1.49E-01 2.26E+00 5.85E+00 1.09E+01 2.18E+01

6.99E+01 5.19E-03 2.06E+01 9.62E-01 1.36E-01 2.05E+00 4.77E+00 9.87E+00 1.95E+01

7.39E+01 5.24E-03 1.81E+01 8.60E-01 1.24E-01 1.86E+00 4.29E+00 8.85E+00 1.73E+01

7.82E+01 5.29E-03 1.58E+01 7.64E-01 1.13E-01 1.67E+00 3.85E+00 7.89E+00 1.51E+01

8.28E+01 5.33E-03 1.37E+01 6.74E-01 1.02E-01 1.49E+00 3.43E+00 6.99E+00 1.28E+01

8.76E+01 5.37E-03 1.17E+01 5.91E-01 9.19E-02 1.30E+00 3.04E+00 6.15E+00 1.08E+01

9.27E+01 5.41E-03 1.01E+01 5.15E-01 8.22E-02 1.15E+00 2.67E+00 5.35E+00 8.95E+00

9.81E+01 5.44E-03 8.65E+00 4.46E-01 7.30E-02 1.00E+00 2.33E+00 4.59E+00 7.37E+00

1.00E+02 5.45E-03 8.19E+00 4.24E-01 7.02E-02 9.57E-01 2.23E+00 4.35E+00 6.88E+00

1.04E+02 5.47E-03 7.33E+00 3.83E-01 6.47E-02 8.70E-01 2.02E+00 3.90E+00 6.02E+00

1.10E+02 5.50E-03 6.16E+00 3.26E-01 5.70E-02 7.49E-01 1.74E+00 3.29E+00 5.09E+00

1.16E+02 5.53E-03 5.12E+00 2.75E-01 5.00E-02 6.40E-01 1.48E+00 2.74E+00 4.25E+00

1.23E+02 5.55E-03 4.22E+00 2.31E-01 4.34E-02 5.42E-01 1.25E+00 2.26E+00 3.52E+00

1.30E+02 5.56E-03 3.43E+00 1.92E-01 3.74E-02 4.54E-01 1.04E+00 1.84E+00 2.89E+00

1.38E+02 5.55E-03 2.76E+00 1.58E-01 3.22E-02 3.77E-01 8.62E-01 1.49E+00 2.34E+00

1.46E+02 5.48E-03 2.19E+00 1.29E-01 2.78E-02 3.11E-01 7.05E-01 1.20E+00 1.85E+00

1.54E+02 5.42E-03 1.71E+00 1.04E-01 2.41E-02 2.54E-01 5.71E-01 9.37E-01 1.41E+00

1.63E+02 5.37E-03 1.32E+00 8.32E-02 2.11E-02 2.05E-01 4.56E-01 7.05E-01 1.06E+00

1.73E+02 3.88E-03 1.01E+00 6.61E-02 1.84E-02 1.64E-01 3.60E-01 5.33E-01 7.87E-01

1.83E+02 2.82E-03 7.55E-01 5.22E-02 1.61E-02 1.29E-01 2.81E-01 4.10E-01 5.73E-01

1.94E+02 2.30E-03 5.57E-01 4.10E-02 1.42E-02 1.01E-01 2.16E-01 3.11E-01 4.16E-01

2.05E+02 2.06E-03 4.04E-01 3.21E-02 1.23E-02 7.81E-02 1.57E-01 2.32E-01 3.02E-01

2.17E+02 1.95E-03 2.88E-01 2.51E-02 1.09E-02 5.99E-02 1.11E-01 1.71E-01 2.23E-01

2.29E+02 1.90E-03 2.01E-01 1.97E-02 9.69E-03 4.53E-02 8.22E-02 1.24E-01 1.62E-01

2.43E+02 1.88E-03 1.38E-01 1.57E-02 8.79E-03 3.40E-02 6.02E-02 8.79E-02 1.17E-01

2.57E+02 1.87E-03 9.34E-02 1.27E-02 8.05E-03 2.56E-02 4.38E-02 5.95E-02 8.28E-02

2.72E+02 1.86E-03 6.23E-02 1.05E-02 7.41E-03 1.90E-02 3.13E-02 3.99E-02 5.83E-02

2.88E+02 0.00E+00 4.12E-02 8.89E-03 6.98E-03 1.47E-02 2.28E-02 2.77E-02 4.10E-02

3.00E+02 0.00E+00 3.07E-02 8.01E-03 6.78E-03 1.24E-02 1.81E-02 2.12E-02 2.57E-02

3.05E+02 0.00E+00 2.77E-02 7.75E-03 6.70E-03 1.17E-02 1.60E-02 1.89E-02 2.36E-02

3.22E+02 0.00E+00 1.89E-02 6.98E-03 6.45E-03 9.11E-03 1.20E-02 1.39E-02 1.72E-02

3.41E+02 0.00E+00 1.34E-02 6.49E-03 6.27E-03 7.80E-03 9.65E-03 1.06E-02 1.28E-02

3.61E+02 0.00E+00 1.00E-02 6.17E-03 6.12E-03 7.05E-03 8.08E-03 8.42E-03 9.38E-03

3.82E+02 0.00E+00 8.22E-03 5.95E-03 6.00E-03 6.67E-03 7.08E-03 7.38E-03 7.74E-03

4.04E+02 0.00E+00 7.21E-03 5.81E-03 5.91E-03 6.41E-03 6.66E-03 6.84E-03 6.96E-03

4.28E+02 0.00E+00 7.13E-03 5.71E-03 5.83E-03 6.31E-03 6.42E-03 6.61E-03 6.80E-03

4.53E+02 0.00E+00 7.06E-03 5.63E-03 5.76E-03 6.22E-03 6.35E-03 6.51E-03 6.74E-03

4.79E+02 0.00E+00 6.99E-03 5.57E-03 5.70E-03 6.19E-03 6.32E-03 6.46E-03 6.69E-03

5.07E+02 0.00E+00 6.91E-03 5.50E-03 5.64E-03 6.12E-03 6.27E-03 6.39E-03 6.63E-03

5.36E+02 0.00E+00 6.85E-03 5.43E-03 5.60E-03 6.09E-03 6.23E-03 6.36E-03 6.58E-03

5.68E+02 0.00E+00 6.81E-03 5.37E-03 5.55E-03 6.06E-03 6.20E-03 6.35E-03 6.55E-03

6.01E+02 0.00E+00 6.76E-03 5.31E-03 5.49E-03 6.02E-03 6.19E-03 6.34E-03 6.53E-03

6.36E+02 0.00E+00 6.72E-03 5.24E-03 5.44E-03 5.99E-03 6.14E-03 6.32E-03 6.52E-03

6.73E+02	0.00E+00	6.68E-03	5.17E-03	5.38E-03	5.93E-03	6.09E-03	6.28E-03	6.51E-03
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7.12E+02 0.00E+00 6.63E-03 5.10E-03 5.33E-03 5.89E-03 6.04E-03 6.16E-03 6.43E-03

7.53E+02 0.00E+00 6.58E-03 5.01E-03 5.26E-03 5.84E-03 6.00E-03 6.11E-03 6.33E-03

7.97E+02	0.00E+00	6.52E-03	4.93E-03	5.17E-03	5.79E-03	5.97E-03	6.07E-03	6.25E-03
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8.44E+02 0.00E+00 6.47E-03 4.83E-03 5.12E-03 5.75E-03 5.93E-03 6.02E-03 6.16E-03

8.93E+02 0.00E+00 6.41E-03 4.73E-03 5.03E-03 5.72E-03 5.89E-03 5.94E-03 6.03E-03

9.45E+02 0.00E+00 6.35E-03 4.61E-03 4.97E-03 5.66E-03 5.84E-03 5.89E-03 5.98E-03

1.00E+03 0.00E+00 6.29E-03 4.49E-03 4.86E-03 5.61E-03 5.79E-03 5.85E-03 5.91E-03

Summary of dose at graphical times, reptition 3								
Time	Dose statistics at graphical times, mrem/yr							
Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	1.70E-03	5.44E+02	8.36E+00	6.88E-01	1.18E+01	3.25E+01	7.53E+01	1.82E+02
1.00E+00	1.79E-03	5.17E+02	8.08E+00	6.73E-01	1.15E+01	3.16E+01	7.33E+01	1.76E+02
1.06E+00	1.80E-03	5.15E+02	8.07E+00	6.72E-01	1.15E+01	3.16E+01	7.32E+01	1.75E+02
1.12E+00	1.80E-03	5.13E+02	8.05E+00	6.72E-01	1.15E+01	3.16E+01	7.31E+01	1.75E+02
1.19E+00	1.81E-03	5.12E+02	8.03E+00	6.71E-01	1.14E+01	3.15E+01	7.30E+01	1.74E+02
1.25E+00	1.81E-03	5.10E+02	8.01E+00	6.70E-01	1.14E+01	3.14E+01	7.28E+01	1.74E+02
1.33E+00	1.82E-03	5.08E+02	7.99E+00	6.68E-01	1.14E+01	3.14E+01	7.27E+01	1.74E+02
1.40E+00	1.83E-03	5.06E+02	7.97E+00	6.67E-01	1.14E+01	3.13E+01	7.25E+01	1.73E+02
1.49E+00	1.83E-03	5.04E+02	7.95E+00	6.66E-01	1.13E+01	3.13E+01	7.24E+01	1.73E+02
1.57E+00	1.84E-03	5.02E+02	7.93E+00	6.65E-01	1.13E+01	3.12E+01	7.22E+01	1.72E+02
1.66E+00	1.85E-03	4.99E+02	7.90E+00	6.63E-01	1.13E+01	3.11E+01	7.20E+01	1.72E+02
1.76E+00	1.86E-03	4.97E+02	7.88E+00	6.62E-01	1.13E+01	3.10E+01	7.19E+01	1.71E+02
1.86E+00	1.87E-03	4.94E+02	7.85E+00	6.60E-01	1.12E+01	3.09E+01	7.17E+01	1.71E+02
1.97E+00	1.88E-03	4.91E+02	7.82E+00	6.58E-01	1.12E+01	3.09E+01	7.14E+01	1.70E+02
2.09E+00	1.89E-03	4.88E+02	7.79E+00	6.56E-01	1.12E+01	3.08E+01	7.12E+01	1.69E+02
2.21E+00	1.90E-03	4.85E+02	7.76E+00	6.55E-01	1.11E+01	3.07E+01	7.10E+01	1.69E+02
2.34E+00	1.91E-03	4.82E+02	7.73E+00	6.53E-01	1.11E+01	3.06E+01	7.07E+01	1.68E+02
2.47E+00	1.92E-03	4.79E+02	7.69E+00	6.50E-01	1.11E+01	3.05E+01	7.05E+01	1.67E+02
2.62E+00	1.93E-03	4.75E+02	7.66E+00	6.48E-01	1.10E+01	3.03E+01	7.02E+01	1.66E+02
2.77E+00	1.95E-03	4.71E+02	7.62E+00	6.46E-01	1.10E+01	3.02E+01	6.99E+01	1.65E+02
2.93E+00	1.96E-03	4.67E+02	7.58E+00	6.43E-01	1.09E+01	3.01E+01	6.96E+01	1.64E+02
3.00E+00	1.96E-03	4.66E+02	7.56E+00	6.42E-01	1.09E+01	3.00E+01	6.95E+01	1.64E+02
3.10E+00	1.97E-03	4.63E+02	7.53E+00	6.41E-01	1.09E+01	3.00E+01	6.93E+01	1.64E+02
3.28E+00	1.99E-03	4.59E+02	7.49E+00	6.38E-01	1.08E+01	2.98E+01	6.90E+01	1.63E+02
3.48E+00	2.01E-03	4.55E+02	7.44E+00	6.35E-01	1.08E+01	2.97E+01	6.86E+01	1.61E+02
3.68E+00	2.02E-03	4.50E+02	7.39E+00	6.32E-01	1.07E+01	2.95E+01	6.82E+01	1.60E+02
3.89E+00	2.04E-03	4.45E+02	7.34E+00	6.29E-01	1.07E+01	2.94E+01	6.79E+01	1.59E+02
4.12E+00	2.06E-03	4.40E+02	7.28E+00	6.25E-01	1.06E+01	2.92E+01	6.74E+01	1.58E+02
4.36E+00	2.08E-03	4.34E+02	7.23E+00	6.22E-01	1.06E+01	2.90E+01	6.70E+01	1.57E+02
4.61E+00	2.10E-03	4.29E+02	7.17E+00	6.18E-01	1.05E+01	2.88E+01	6.66E+01	1.55E+02
4.88E+00	2.12E-03	4.23E+02	7.10E+00	6.14E-01	1.04E+01	2.86E+01	6.61E+01	1.54E+02
5.17E+00	2.14E-03	4.16E+02	7.04E+00	6.10E-01	1.04E+01	2.84E+01	6.56E+01	1.53E+02
5.47E+00	2.17E-03	4.10E+02	6.97E+00	6.06E-01	1.03E+01	2.82E+01	6.50E+01	1.51E+02
5.78E+00	2.19E-03	4.03E+02	6.90E+00	6.01E-01	1.02E+01	2.80E+01	6.45E+01	1.49E+02
6.12E+00	2.22E-03	3.96E+02	6.82E+00	5.96E-01	1.01E+01	2.77E+01	6.39E+01	1.48E+02
6.48E+00	2.25E-03	3.89E+02	6.74E+00	5.91E-01	1.00E+01	2.75E+01	6.33E+01	1.46E+02
6.86E+00	2.28E-03	3.82E+02	6.66E+00	5.86E-01	9.92E+00	2.72E+01	6.27E+01	1.44E+02
7.26E+00	2.31E-03	3.74E+02	6.57E+00	5.80E-01	9.82E+00	2.69E+01	6.20E+01	1.42E+02
7.68E+00	2.34E-03	3.66E+02	6.48E+00	5.74E-01	9.72E+00	2.66E+01	6.13E+01	1.40E+02
8.13E+00	2.38E-03	3.57E+02	6.39E+00	5.68E-01	9.61E+00	2.63E+01	6.06E+01	1.38E+02
8.60E+00	2.41E-03	3.49E+02	6.29E+00	5.62E-01	9.50E+00	2.60E+01	5.98E+01	1.36E+02
9.10E+00	2.45E-03	3.40E+02	6.19E+00	5.55E-01	9.38E+00	2.56E+01	5.90E+01	1.34E+02
9.63E+00	2.49E-03	3.30E+02	6.08E+00	5.48E-01	9.26E+00	2.53E+01	5.82E+01	1.31E+02
1.00E+01	2.51E-03	3.24E+02	6.01E+00	5.43E-01	9.17E+00	2.51E+01	5.76E+01	1.30E+02
1.02E+01	2.53E-03	3.21E+02	5.97E+00	5.41E-01	9.13E+00	2.49E+01	5.73E+01	1.29E+02
1.08E+01	2.57E-03	3.11E+02	5.86E+00	5.33E-01	8.99E+00	2.46E+01	5.64E+01	1.26E+02
1.14E+01	2.61E-03	3.01E+02	5.74E+00	5.25E-01	8.85E+00	2.42E+01	5.54E+01	1.24E+02
1.21E+01	2.66E-03	2.91E+02	5.62E+00	5.17E-01	8.71E+00	2.37E+01	5.45E+01	1.21E+02
1.28E+01	2.71E-03	2.81E+02	5.49E+00	5.13E-01	8.56E+00	2.33E+01	5.34E+01	1.18E+02
1.35E+01	2.76E-03	2.70E+02	5.36E+00	5.07E-01	8.40E+00	2.29E+01	5.24E+01	1.15E+02
1.43E+01	2.81E-03	2.59E+02	5.23E+00	4.98E-01	8.24E+00	2.24E+01	5.13E+01	1.12E+02
1.51E+01	2.86E-03	2.48E+02	5.09E+00	4.88E-01	8.07E+00	2.19E+01	5.01E+01	1.09E+02
1.60E+01	2.92E-03	2.37E+02	4.95E+00	4.78E-01	7.89E+00	2.14E+01	4.90E+01	1.06E+02
1.70E+01	2.97E-03	2.26E+02	4.80E+00	4.68E-01	7.71E+00	2.09E+01	4.78E+01	1.02E+02
1.80E+01	3.03E-03	2.15E+02	4.66E+00	4.57E-01	7.52E+00	2.04E+01	4.65E+01	9.91E+01
1.90E+01	3.09E-03	2.03E+02	4.50E+00	4.48E-01	7.33E+00	1.98E+01	4.52E+01	9.57E+01

2.01E+01 3.16E-03 1.92E+02 4.35E+00 4.41E-01 7.13E+00 1.93E+01 4.39E+01 9.22E+01

2.13E+01 3.22E-03 1.81E+02 4.19E+00 4.37E-01 6.92E+00 1.87E+01 4.25E+01 8.86E+01

2.25E+01 3.29E-03 1.70E+02 4.03E+00 4.24E-01 6.71E+00 1.81E+01 4.11E+01 8.50E+01

2.38E+01 3.36E-03 1.58E+02 3.87E+00 4.11E-01 6.49E+00 1.75E+01 3.97E+01 8.13E+01

2.52E+01 3.43E-03 1.47E+02 3.70E+00 3.98E-01 6.27E+00 1.69E+01 3.83E+01 7.76E+01

2.67E+01 3.50E-03 1.37E+02 3.54E+00 3.84E-01 6.05E+00 1.63E+01 3.68E+01 7.39E+01

2.82E+01 3.57E-03 1.26E+02 3.37E+00 3.71E-01 5.81E+00 1.56E+01 3.53E+01 7.01E+01

2.99E+01 3.64E-03 1.16E+02 3.21E+00 3.56E-01 5.58E+00 1.50E+01 3.37E+01 6.63E+01

3.00E+01 3.65E-03 1.15E+02 3.19E+00 3.55E-01 5.56E+00 1.49E+01 3.36E+01 6.61E+01

3.16E+01 3.72E-03 1.06E+02 3.04E+00 3.42E-01 5.34E+00 1.43E+01 3.22E+01 6.25E+01

3.35E+01 3.79E-03 9.62E+01 2.87E+00 3.28E-01 5.10E+00 1.36E+01 3.06E+01 5.88E+01

3.54E+01 3.86E-03 8.69E+01 2.71E+00 3.15E-01 4.86E+00 1.30E+01 2.91E+01 5.50E+01

3.75E+01 3.93E-03 7.81E+01 2.54E+00 3.00E-01 4.62E+00 1.23E+01 2.75E+01 5.13E+01

3.97E+01 3.99E-03 7.13E+01 2.38E+00 2.85E-01 4.37E+00 1.16E+01 2.59E+01 4.77E+01

4.20E+01 4.06E-03 6.54E+01 2.22E+00 2.70E-01 4.13E+00 1.09E+01 2.44E+01 4.41E+01

4.44E+01 4.12E-03 5.97E+01 2.07E+00 2.55E-01 3.88E+00 1.03E+01 2.28E+01 4.06E+01

4.70E+01 4.19E-03 5.42E+01 1.91E+00 2.41E-01 3.64E+00 9.59E+00 2.13E+01 3.72E+01

4.97E+01 4.25E-03 4.90E+01 1.76E+00 2.27E-01 3.40E+00 8.93E+00 1.98E+01 3.40E+01

5.26E+01 4.41E-03 4.40E+01 1.62E+00 2.12E-01 3.16E+00 8.29E+00 1.83E+01 3.08E+01

5.57E+01 4.48E-03 3.92E+01 1.48E+00 1.99E-01 2.93E+00 7.65E+00 1.69E+01 2.78E+01

5.90E+01 4.56E-03 3.47E+01 1.35E+00 1.85E-01 2.70E+00 7.04E+00 1.55E+01 2.49E+01

6.24E+01 4.63E-03 3.06E+01 1.22E+00 1.70E-01 2.48E+00 6.44E+00 1.41E+01 2.18E+01

6.60E+01 0.00E+00 2.67E+01 1.10E+00 1.56E-01 2.26E+00 5.86E+00 1.28E+01 1.96E+01

6.99E+01 0.00E+00 2.31E+01 9.86E-01 1.43E-01 2.06E+00 5.30E+00 1.15E+01 1.72E+01

7.39E+01 0.00E+00 1.99E+01 8.79E-01 1.30E-01 1.86E+00 4.77E+00 1.03E+01 1.50E+01

7.82E+01 0.00E+00 1.69E+01 7.79E-01 1.18E-01 1.67E+00 4.27E+00 9.20E+00 1.33E+01

8.28E+01 0.00E+00 1.43E+01 6.86E-01 1.06E-01 1.49E+00 3.79E+00 7.71E+00 1.17E+01

8.76E+01	0.00E+00	1.19E+01	6.00E-01	9.50E-02	1.32E+00	3.35E+00	6.38E+00	1.02E+01
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9.27E+01	0.00E+00	9.87E+00	5.21E-01	8.46E-02	1.16E+00	2.93E+00	5.25E+00	8.85E+00
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9.81E+01 0.00E+00 8.07E+00 4.50E-01 7.49E-02 1.02E+00 2.55E+00 4.51E+00 7.61E+00

1.00E+02 0.00E+00 7.53E+00 4.27E-01 7.19E-02 9.71E-01 2.43E+00 4.30E+00 7.22E+00

1.04E+02 0.00E+00 6.66E+00 3.85E-01 6.61E-02 8.82E-01 2.20E+00 3.88E+00 6.48E+00

1.10E+02 0.00E+00 5.60E+00 3.27E-01 5.82E-02 7.59E-01 1.83E+00 3.31E+00 5.20E+00

1.16E+02 0.00E+00 4.67E+00 2.76E-01 5.10E-02 6.49E-01 1.44E+00 2.79E+00 4.10E+00

1.23E+02 0.00E+00 3.85E+00 2.31E-01 4.47E-02 5.49E-01 1.22E+00 2.34E+00 3.19E+00

1.30E+02 0.00E+00 3.13E+00 1.91E-01 3.89E-02 4.61E-01 1.02E+00 1.93E+00 2.44E+00

1.38E+02 0.00E+00 2.52E+00 1.57E-01 3.35E-02 3.83E-01 8.41E-01 1.54E+00 1.90E+00

1.46E+02 0.00E+00 2.01E+00 1.28E-01 2.88E-02 3.12E-01 6.89E-01 1.21E+00 1.52E+00

1.54E+02 0.00E+00 1.58E+00 1.03E-01 2.47E-02 2.53E-01 5.58E-01 9.38E-01 1.21E+00

1.63E+02 0.00E+00 1.23E+00 8.26E-02 2.10E-02 2.03E-01 4.47E-01 7.08E-01 9.51E-01

1.73E+02 0.00E+00 9.40E-01 6.56E-02 1.83E-02 1.61E-01 3.53E-01 5.19E-01 7.37E-01

1.83E+02 0.00E+00 7.09E-01 5.18E-02 1.60E-02 1.27E-01 2.76E-01 3.74E-01 5.63E-01

1.94E+02 0.00E+00 5.27E-01 4.06E-02 1.41E-02 9.84E-02 2.12E-01 2.72E-01 4.23E-01

2.05E+02 0.00E+00 3.86E-01 3.18E-02 1.24E-02 7.57E-02 1.55E-01 2.02E-01 3.14E-01

2.17E+02 0.00E+00 2.77E-01 2.49E-02 1.09E-02 5.76E-02 1.10E-01 1.49E-01 2.29E-01

2.29E+02 0.00E+00 1.96E-01 1.96E-02 9.76E-03 4.37E-02 8.07E-02 1.09E-01 1.64E-01

2.43E+02 0.00E+00 1.36E-01 1.56E-02 8.85E-03 3.31E-02 5.46E-02 7.81E-02 1.17E-01

2.57E+02 0.00E+00 9.33E-02 1.26E-02 8.07E-03 2.51E-02 3.88E-02 5.56E-02 8.19E-02

2.72E+02 0.00E+00 6.30E-02 1.04E-02 7.44E-03 1.88E-02 2.83E-02 3.92E-02 5.70E-02

2.88E+02 0.00E+00 4.22E-02 8.88E-03 7.02E-03 1.45E-02 2.07E-02 2.78E-02 3.96E-02

3.00E+02 0.00E+00 3.14E-02 8.03E-03 6.80E-03 1.16E-02 1.63E-02 2.17E-02 2.95E-02

3.05E+02 0.00E+00 2.83E-02 7.77E-03 6.72E-03 1.10E-02 1.51E-02 1.99E-02 2.66E-02

3.22E+02 0.00E+00 1.97E-02 7.03E-03 6.48E-03 9.33E-03 1.16E-02 1.45E-02 1.84E-02

3.41E+02 0.00E+00 1.45E-02 6.52E-03 6.25E-03 7.93E-03 9.38E-03 1.12E-02 1.33E-02

3.61E+02 0.00E+00 1.12E-02 6.17E-03 6.10E-03 7.12E-03 7.92E-03 8.98E-03 9.80E-03

3.82E+02 0.00E+00 9.24E-03 5.94E-03 5.97E-03 6.77E-03 7.05E-03 7.39E-03 8.04E-03

4.04E+02 0.00E+00 8.08E-03 5.78E-03 5.89E-03 6.43E-03 6.62E-03 6.83E-03 7.11E-03

4.28E+02 0.00E+00 7.42E-03 5.67E-03 5.81E-03 6.32E-03 6.47E-03 6.59E-03 7.03E-03

4.53E+02 0.00E+00 7.16E-03 5.59E-03 5.75E-03 6.23E-03 6.39E-03 6.51E-03 6.96E-03

4.79E+02 0.00E+00 7.11E-03 5.52E-03 5.70E-03 6.19E-03 6.34E-03 6.46E-03 6.62E-03

5.07E+02 0.00E+00 7.07E-03 5.46E-03 5.65E-03 6.17E-03 6.28E-03 6.40E-03 6.57E-03

5.36E+02 0.00E+00 7.02E-03 5.40E-03 5.61E-03 6.15E-03 6.24E-03 6.35E-03 6.54E-03

5.68E+02 0.00E+00 6.98E-03 5.33E-03 5.57E-03 6.11E-03 6.20E-03 6.31E-03 6.52E-03

6.01E+02 0.00E+00 6.94E-03 5.27E-03 5.52E-03 6.08E-03 6.17E-03 6.27E-03 6.49E-03

6.36E+02 0.00E+00 6.89E-03 5.20E-03 5.48E-03 6.07E-03 6.17E-03 6.24E-03 6.46E-03

6.73E+02 0.00E+00 6.84E-03 5.13E-03 5.44E-03 6.04E-03 6.16E-03 6.22E-03 6.45E-03

7.12E+02 0.00E+00 6.79E-03 5.04E-03 5.38E-03 5.99E-03 6.11E-03 6.21E-03 6.45E-03

7.53E+02 0.00E+00 6.73E-03 4.96E-03 5.31E-03 5.95E-03 6.09E-03 6.17E-03 6.41E-03

7.97E+02 0.00E+00 6.68E-03 4.87E-03 5.25E-03 5.91E-03 6.04E-03 6.13E-03 6.36E-03

8.44E+02 0.00E+00 6.62E-03 4.78E-03 5.16E-03 5.85E-03 6.01E-03 6.10E-03 6.28E-03

8.93E+02	0.00E+00	6.56E-03	4.67E-03	5.08E-03	5.82E-03	5.93E-03	6.01E-03	6.21E-03
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9.45E+02 0.00E+00 6.49E-03 4.56E-03 4.99E-03 5.71E-03 5.87E-03 5.99E-03 6.17E-03

1.00E+03 0.00E+00 6.42E-03 4.44E-03 4.89E-03 5.65E-03 5.79E-03 5.93E-03 6.12E-03

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA CM-243.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	1.037E+01
2	0.000E+00	9.604E+00
3	0.000E+00	8.357E+00

Title : RESRAD Default Parameters
Input File : FCS BFM INSITU UA CM-243.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	17	0.00	17	0.00	11	-0.03	11	-0.01
Contaminated zone b parameter	14	-0.01	14	-0.01	4	-0.09	4	-0.02
Evapotranspiration coefficient	9	-0.03	9	-0.03	12	0.02	12	0.00
Wind Speed	11	0.02	11	0.02	9	-0.04	9	-0.01
Runoff coefficient	6	0.05	6	0.05	6	-0.05	6	-0.01
b Parameter of Unsaturated zone 1	1	0.18	1	0.18	3	-0.15	3	-0.04
Mass loading for inhalation	15	-0.01	15	-0.01	5	-0.06	5	-0.02
Indoor dust filtration factor	3	-0.08	3	-0.08	15	-0.01	15	0.00
Depth of soil mixing layer	5	0.06	5	0.06	14	0.01	14	0.00
Depth of roots	2	-0.09	2	-0.09	2	0.66	2	0.24
Wet weight crop yield of fruit, grain and non-leafy vegetables	16	0.01	16	0.01	16	0.00	16	0.00
Weathering removal constant of all vegetation	7	-0.04	7	-0.04	8	-0.05	8	-0.01
Wet foliar interception fraction of leafy vegetables	10	-0.03	10	-0.03	17	0.00	17	0.00
Humidity in air	4	0.07	4	0.07	13	-0.01	13	0.00
Cover erosion rate	13	-0.01	13	-0.01	10	0.03	10	0.01
Kd of Cm-243 in Contaminated Zone	12	-0.02	12	-0.02	1	-0.96	1	-0.93
Kd of Cm-243 in Saturated Zone	8	-0.04	8	-0.04	7	0.05	7	0.01
R-SQUARE	0.06		0.06		0.92		0.92	

-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 BFM INSITU UA CM-243.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	17	0.00	17	0.00	3	-0.12	3	-0.04
Contaminated zone b parameter	16	-0.01	16	-0.01	11	0.05	11	0.01
Evapotranspiration coefficient	15	-0.01	15	-0.01	6	0.08	6	0.02
Wind Speed	5	-0.06	5	-0.06	17	-0.01	17	0.00
Runoff coefficient	7	0.04	7	0.04	8	-0.06	8	-0.02
b Parameter of Unsaturated zone 1	14	-0.01	14	-0.01	16	0.01	16	0.00
Mass loading for inhalation	6	0.05	6	0.05	10	0.06	10	0.02
Indoor dust filtration factor	4	0.09	4	0.09	5	0.10	5	0.03
Depth of soil mixing layer	12	-0.02	12	-0.02	9	0.06	9	0.02
Depth of roots	3	0.09	3	0.09	2	0.65	2	0.24
Wet weight crop yield of fruit, grain and non-leafy vegetables	11	0.02	11	0.02	4	-0.12	4	-0.03
Weathering removal constant of all vegetation	2	0.10	2	0.10	14	-0.05	14	-0.01
Wet foliar interception fraction of leafy vegetables	13	0.02	13	0.02	15	0.03	15	0.01
Humidity in air	1	0.14	1	0.14	12	-0.05	12	-0.01
Cover erosion rate	8	-0.04	8	-0.04	13	0.05	13	0.01
Kd of Cm-243 in Contaminated Zone	9	-0.02	9	-0.02	1	-0.96	1	-0.92
Kd of Cm-243 in Saturated Zone	10	-0.02	10	-0.02	7	0.06	7	0.02
R-SQUARE	0.05		0.05		0.92		0.92	

-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 BFM INSITU UA CM-243.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	17 -0.01	17 -0.01	5 0.08	5 0.02
Contaminated zone b parameter	2 0.07	2 0.07	10 -0.05	11 -0.01
Evapotranspiration coefficient	6 -0.04	6 -0.04	12 0.04	12 0.01
Wind Speed	8 -0.04	8 -0.04	11 0.05	10 0.01
Runoff coefficient	1 0.13	1 0.13	14 -0.02	14 -0.01
b Parameter of Unsaturated zone 1	15 -0.01	15 -0.01	3 0.08	3 0.02
Mass loading for inhalation	12 -0.02	12 -0.02	15 -0.01	15 0.00
Indoor dust filtration factor	5 -0.05	5 -0.05	13 0.04	13 0.01
Depth of soil mixing layer	13 0.02	13 0.02	17 0.00	17 0.00
Depth of roots	4 0.05	4 0.05	2 0.67	2 0.23
Wet weight crop yield of fruit, grain and non-leafy vegetables	14 -0.01	14 -0.01	4 -0.08	4 -0.02
Weathering removal constant of all vegetation	16 0.01	16 0.01	9 -0.05	9 -0.01
Wet foliar interception fraction of leafy vegetables	9 0.03	9 0.03	8 0.05	8 0.01
Humidity in air	3 -0.07	3 -0.07	6 -0.06	6 -0.01
Cover erosion rate	10 -0.03	10 -0.03	7 0.05	7 0.01
Kd of Cm-243 in Contaminated Zone	7 -0.04	7 -0.04	1 -0.97	1 -0.94
Kd of Cm-243 in Saturated Zone	11 -0.02	11 -0.02	16 0.01	16 0.00
R-SQUARE	0.04	0.04	0.94	0.94

-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.