

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.RAD

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[illegible]

Probabilistic Total Dose Summary

Nuclide (j)	Peak	Peak	DOSE(j,t), mrem/yr							
	Time	Dose	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

Co-58										
Min	0.00E+00	6.60E-06	6.60E-06	1.87E-07	1.49E-10	2.17E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	2.47E+00	2.47E+00	5.88E-02	3.30E-05	2.44E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	8.32E-02	8.32E-02	2.21E-03	1.58E-06	1.91E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	2.32E-01	2.32E-01	5.78E-03	3.66E-06	3.55E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL										
Min	0.00E+00	6.60E-06	6.60E-06	1.87E-07	1.49E-10	2.17E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	2.47E+00	2.47E+00	5.88E-02	3.30E-05	2.44E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg	0.00E+00	8.32E-02	8.32E-02	2.21E-03	1.58E-06	1.91E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std	0.00E+00	2.32E-01	2.32E-01	5.78E-03	3.66E-06	3.55E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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
Co-58									
Min		6.45E-10	1.82E-11	1.45E-14	2.09E-25	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.76E-04	6.58E-06	3.69E-09	2.71E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		9.45E-06	2.52E-07	1.80E-10	2.11E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		2.57E-05	6.42E-07	4.05E-10	3.56E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL									
Min		6.45E-10	1.82E-11	1.45E-14	2.09E-25	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.76E-04	6.58E-06	3.69E-09	2.71E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		9.45E-06	2.52E-07	1.80E-10	2.11E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		2.57E-05	6.42E-07	4.05E-10	3.56E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00

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
Co-58									
Min		2.77E-06	6.19E-08	3.09E-11	8.61E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		6.80E-06	2.51E-06	3.40E-07	2.18E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		2.97E-06	9.66E-08	8.09E-10	2.44E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		2.60E-07	1.20E-07	1.20E-08	2.19E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL									
Min		2.77E-06	6.19E-08	3.09E-11	8.61E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		6.80E-06	2.51E-06	3.40E-07	2.18E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		2.97E-06	9.66E-08	8.09E-10	2.44E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		2.60E-07	1.20E-07	1.20E-08	2.19E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL 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
Co-58									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	1.44E-13	2.49E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	1.43E-16	1.19E-25	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	4.01E-15	9.67E-25	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	1.44E-13	2.49E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	1.43E-16	1.19E-25	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	4.01E-15	9.67E-25	0.00E+00	0.00E+00	0.00E+00	0.00E+00

ALL 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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Co-58									
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
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): 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
<hr/>									
Co-58									
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	4.30E-04	3.68E-07	5.60E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		8.86E-03	2.48E-04	1.94E-07	2.62E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		5.19E-03	1.45E-04	1.13E-07	1.55E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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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		1.47E-02	4.30E-04	3.68E-07	5.60E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		8.86E-03	2.48E-04	1.94E-07	2.62E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		5.19E-03	1.45E-04	1.13E-07	1.55E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic 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
<hr/>									
Co-58									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		9.66E-03	2.82E-04	2.42E-07	4.35E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		5.85E-03	1.63E-04	1.28E-07	1.74E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		3.43E-03	9.56E-05	7.45E-08	1.04E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		9.66E-03	2.82E-04	2.42E-07	4.35E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		5.85E-03	1.63E-04	1.28E-07	1.74E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		3.43E-03	9.56E-05	7.45E-08	1.04E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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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
<hr/>									
Co-58									
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		4.35E-03	1.27E-04	1.09E-07	1.79E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		2.63E-03	7.35E-05	5.76E-08	7.78E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.54E-03	4.29E-05	3.35E-08	4.61E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		4.35E-03	1.27E-04	1.09E-07	1.79E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		2.63E-03	7.35E-05	5.76E-08	7.78E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.54E-03	4.29E-05	3.35E-08	4.61E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

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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
<hr/>									
Co-58									
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	3.97E-11	4.10E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	4.67E-14	4.96E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	1.20E-12	4.29E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	3.97E-11	4.10E-21	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	4.67E-14	4.96E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	1.20E-12	4.29E-22	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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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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Co-58									
Min		4.98E-08	1.40E-09	1.09E-12	1.47E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.40E+00	3.33E-02	1.86E-05	1.26E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		3.65E-02	9.56E-04	6.62E-07	6.38E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.29E-01	3.20E-03	2.01E-06	1.55E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
ΣALL									
Min		4.98E-08	1.40E-09	1.09E-12	1.47E-23	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.40E+00	3.33E-02	1.86E-05	1.26E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		3.65E-02	9.56E-04	6.62E-07	6.38E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.29E-01	3.20E-03	2.01E-06	1.55E-17	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.

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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
<hr/>									
Co-58									
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): Radon (Water Dep.)

Nuclide		DOSE(i,j,t), mrem/yr							
(j)	t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
<hr/>									
Co-58									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.RAD

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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Co-58									
Min		8.29E-09	2.32E-10	1.82E-13	2.45E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.98E-01	5.10E-03	3.38E-06	2.53E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		3.44E-03	9.05E-05	6.31E-08	6.11E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.32E-02	3.37E-04	2.20E-07	1.76E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL									
Min		8.29E-09	2.32E-10	1.82E-13	2.45E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.98E-01	5.10E-03	3.38E-06	2.53E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		3.44E-03	9.05E-05	6.31E-08	6.11E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		1.32E-02	3.37E-04	2.20E-07	1.76E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.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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Co-58									
Min		2.91E-08	8.16E-10	6.39E-13	8.60E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		7.03E-01	1.68E-02	9.98E-06	8.08E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		1.98E-02	5.21E-04	3.62E-07	3.48E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		6.98E-02	1.76E-03	1.12E-06	8.68E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
ALL									
Min		2.91E-08	8.16E-10	6.39E-13	8.60E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		7.03E-01	1.68E-02	9.98E-06	8.08E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		1.98E-02	5.21E-04	3.62E-07	3.48E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		6.98E-02	1.76E-03	1.12E-06	8.68E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.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
<hr/>									
Co-58									
Min		9.31E-09	2.61E-10	2.04E-13	2.75E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.08E-01	5.14E-03	3.27E-06	2.67E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		6.12E-03	1.61E-04	1.12E-07	1.08E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		2.17E-02	5.46E-04	3.50E-07	2.73E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL									
Min		9.31E-09	2.61E-10	2.04E-13	2.75E-24	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.08E-01	5.14E-03	3.27E-06	2.67E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		6.12E-03	1.61E-04	1.12E-07	1.08E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		2.17E-02	5.46E-04	3.50E-07	2.73E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.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	1.35E-04	4.03E-06	3.16E-09	4.70E-20	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.050	4.56E-04	1.30E-05	1.05E-08	1.77E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.075	1.75E-03	5.22E-05	4.17E-08	5.89E-19	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.100	3.56E-03	1.03E-04	9.14E-08	1.31E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.125	6.06E-03	1.74E-04	1.43E-07	2.18E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.150	8.84E-03	2.51E-04	2.09E-07	3.02E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.175	1.14E-02	3.20E-04	2.63E-07	3.73E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.200	1.38E-02	3.87E-04	3.11E-07	4.35E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.225	1.56E-02	4.38E-04	3.52E-07	4.97E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.250	1.78E-02	5.00E-04	3.95E-07	5.50E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.275	1.95E-02	5.50E-04	4.34E-07	5.99E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.300	2.07E-02	5.82E-04	4.59E-07	6.29E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.325	2.20E-02	6.16E-04	4.87E-07	6.73E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.350	2.30E-02	6.44E-04	5.08E-07	6.99E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.375	2.40E-02	6.73E-04	5.29E-07	7.23E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.400	2.48E-02	6.93E-04	5.45E-07	7.44E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.425	2.54E-02	7.13E-04	5.60E-07	7.65E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.450	2.62E-02	7.34E-04	5.78E-07	7.88E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.475	2.67E-02	7.51E-04	5.90E-07	8.03E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.500	2.72E-02	7.62E-04	5.99E-07	8.14E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.525	2.76E-02	7.74E-04	6.08E-07	8.25E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.550	2.80E-02	7.84E-04	6.15E-07	8.37E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.575	2.84E-02	7.97E-04	6.27E-07	8.50E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.600	2.89E-02	8.11E-04	6.37E-07	8.73E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.625	3.00E-02	8.43E-04	6.63E-07	9.10E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.650	3.15E-02	8.82E-04	6.94E-07	9.49E-18	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.675	3.29E-02	9.24E-04	7.24E-07	1.02E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.700	3.56E-02	9.97E-04	7.86E-07	1.09E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.725	3.89E-02	1.09E-03	8.52E-07	1.20E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.750	4.30E-02	1.20E-03	9.52E-07	1.33E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.775	4.81E-02	1.34E-03	1.06E-06	1.52E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.800	5.71E-02	1.59E-03	1.24E-06	1.75E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.825	6.60E-02	1.84E-03	1.44E-06	2.04E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.850	8.10E-02	2.26E-03	1.75E-06	2.69E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.875	1.07E-01	2.98E-03	2.31E-06	3.29E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.900	1.44E-01	4.02E-03	3.09E-06	4.44E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.925	2.09E-01	5.78E-03	4.41E-06	6.12E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.950	3.35E-01	9.19E-03	6.92E-06	9.03E-17	0.00E+00	0.00E+00	0.00E+00	0.00E+00
0.975	7.16E-01	1.89E-02	1.35E-05	1.35E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00
1.000	2.47E+00	5.88E-02	3.30E-05	2.44E-16	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.RAD

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	1.38E-05	2.20E+00	8.22E-02	2.70E-02	1.44E-01	3.37E-01	7.36E-01	1.46E+00
1.00E+00	3.90E-07	5.27E-02	2.18E-03	7.56E-04	4.00E-03	9.21E-03	1.95E-02	3.51E-02
1.06E+00	3.17E-07	4.24E-02	1.77E-03	6.14E-04	3.24E-03	7.47E-03	1.58E-02	2.82E-02
1.12E+00	2.54E-07	3.37E-02	1.41E-03	4.93E-04	2.60E-03	5.98E-03	1.26E-02	2.24E-02
1.19E+00	2.02E-07	2.64E-02	1.12E-03	3.90E-04	2.06E-03	4.73E-03	9.93E-03	1.76E-02
1.25E+00	1.58E-07	2.04E-02	8.69E-04	3.05E-04	1.61E-03	3.69E-03	7.73E-03	1.36E-02
1.33E+00	1.22E-07	1.55E-02	6.67E-04	2.35E-04	1.24E-03	2.84E-03	5.92E-03	1.03E-02
1.40E+00	9.23E-08	1.16E-02	5.04E-04	1.78E-04	9.38E-04	2.15E-03	4.47E-03	7.75E-03
1.49E+00	6.89E-08	8.57E-03	3.74E-04	1.33E-04	7.00E-04	1.60E-03	3.32E-03	5.71E-03
1.57E+00	5.06E-08	6.20E-03	2.74E-04	9.75E-05	5.13E-04	1.17E-03	2.43E-03	4.13E-03
1.66E+00	3.65E-08	4.40E-03	1.96E-04	7.03E-05	3.69E-04	8.42E-04	1.74E-03	2.94E-03
1.76E+00	2.59E-08	3.07E-03	1.38E-04	4.97E-05	2.61E-04	5.94E-04	1.22E-03	2.04E-03
1.86E+00	1.79E-08	2.09E-03	9.52E-05	3.44E-05	1.81E-04	4.10E-04	8.41E-04	1.39E-03
1.97E+00	1.22E-08	1.39E-03	6.42E-05	2.34E-05	1.22E-04	2.77E-04	5.67E-04	9.29E-04
2.09E+00	8.09E-09	9.07E-04	4.23E-05	1.55E-05	8.11E-05	1.83E-04	3.73E-04	6.05E-04
2.21E+00	5.25E-09	5.76E-04	2.73E-05	1.00E-05	5.25E-05	1.18E-04	2.40E-04	3.84E-04
2.34E+00	3.32E-09	3.56E-04	1.71E-05	6.33E-06	3.31E-05	7.45E-05	1.50E-04	2.38E-04
2.47E+00	2.04E-09	2.14E-04	1.04E-05	3.89E-06	2.03E-05	4.56E-05	9.16E-05	1.43E-04
2.62E+00	1.22E-09	1.25E-04	6.19E-06	2.32E-06	1.21E-05	2.71E-05	5.43E-05	8.35E-05
2.77E+00	7.10E-10	7.07E-05	3.57E-06	1.35E-06	7.02E-06	1.57E-05	3.12E-05	4.72E-05
2.93E+00	3.99E-10	3.87E-05	1.99E-06	7.56E-07	3.94E-06	8.76E-06	1.73E-05	2.59E-05
3.00E+00	3.14E-10	3.00E-05	1.56E-06	5.93E-07	3.09E-06	6.87E-06	1.36E-05	2.01E-05
3.10E+00	2.17E-10	2.04E-05	1.07E-06	4.10E-07	2.13E-06	4.74E-06	9.32E-06	1.37E-05
3.28E+00	1.14E-10	1.04E-05	5.57E-07	2.15E-07	1.12E-06	2.47E-06	4.83E-06	6.96E-06
3.48E+00	5.77E-11	5.09E-06	2.79E-07	1.09E-07	5.63E-07	1.24E-06	2.41E-06	3.39E-06
3.68E+00	2.81E-11	2.39E-06	1.34E-07	5.26E-08	2.75E-07	5.99E-07	1.15E-06	1.60E-06
3.89E+00	1.31E-11	1.07E-06	6.20E-08	2.45E-08	1.28E-07	2.77E-07	5.30E-07	7.20E-07
4.12E+00	5.84E-12	4.60E-07	2.74E-08	1.09E-08	5.67E-08	1.28E-07	2.32E-07	3.09E-07
4.36E+00	2.48E-12	1.88E-07	1.16E-08	4.62E-09	2.40E-08	5.40E-08	9.71E-08	1.26E-07
4.61E+00	1.01E-12	7.28E-08	4.66E-09	1.86E-09	9.67E-09	2.17E-08	4.07E-08	4.96E-08
4.88E+00	3.86E-13	2.71E-08	1.77E-09	7.13E-10	3.71E-09	8.24E-09	1.54E-08	1.95E-08
5.17E+00	1.40E-13	9.57E-09	6.38E-10	2.58E-10	1.40E-09	2.97E-09	5.39E-09	6.88E-09
5.47E+00	4.81E-14	3.18E-09	2.17E-10	8.79E-11	4.79E-10	1.07E-09	1.76E-09	2.29E-09
5.78E+00	1.55E-14	9.92E-10	6.96E-11	2.82E-11	1.53E-10	3.44E-10	5.82E-10	7.42E-10
6.12E+00	4.66E-15	2.89E-10	2.08E-11	8.44E-12	4.57E-11	1.02E-10	1.77E-10	2.42E-10
6.48E+00	1.31E-15	7.84E-11	5.79E-12	2.36E-12	1.35E-11	2.81E-11	4.71E-11	6.77E-11
6.86E+00	3.42E-16	1.97E-11	1.49E-12	6.12E-13	3.48E-12	7.21E-12	1.17E-11	1.75E-11
7.26E+00	8.25E-17	4.57E-12	3.56E-13	1.47E-13	8.38E-13	1.71E-12	2.71E-12	4.12E-12
7.68E+00	1.83E-17	9.72E-13	7.85E-14	3.24E-14	1.84E-13	3.91E-13	6.05E-13	8.85E-13
8.13E+00	3.73E-18	1.90E-13	1.58E-14	6.55E-15	3.70E-14	7.48E-14	1.22E-13	1.87E-13
8.60E+00	6.92E-19	3.50E-14	2.89E-15	1.21E-15	6.81E-15	1.36E-14	2.16E-14	3.45E-14
9.10E+00	1.16E-19	5.84E-15	4.78E-16	2.02E-16	1.20E-15	2.24E-15	3.50E-15	5.75E-15
9.63E+00	1.77E-20	8.76E-16	7.12E-17	3.03E-17	1.80E-16	3.48E-16	5.11E-16	8.64E-16
1.00E+01	4.73E-21	2.33E-16	1.89E-17	8.07E-18	4.77E-17	9.01E-17	1.34E-16	2.30E-16
1.02E+01	2.40E-21	1.18E-16	9.54E-18	4.08E-18	2.46E-17	4.43E-17	6.66E-17	1.16E-16
1.08E+01	2.88E-22	1.42E-17	1.14E-18	4.89E-19	2.90E-18	5.37E-18	7.72E-18	1.39E-17
1.14E+01	3.04E-23	1.50E-18	1.20E-19	5.18E-20	3.02E-19	5.45E-19	7.90E-19	1.47E-18
1.21E+01	2.82E-24	1.39E-19	1.11E-20	4.82E-21	2.81E-20	4.97E-20	7.05E-20	1.37E-19
1.28E+01	2.28E-25	1.12E-20	8.86E-22	3.89E-22	2.25E-21	3.97E-21	5.47E-21	1.10E-20
1.35E+01	1.59E-26	7.79E-22	6.15E-23	2.72E-23	1.56E-22	2.62E-22	3.66E-22	7.71E-22
1.43E+01	9.52E-28	4.66E-23	3.66E-24	1.63E-24	9.15E-24	1.53E-23	2.11E-23	4.61E-23
1.51E+01	4.83E-29	2.36E-24	1.84E-25	8.27E-26	4.67E-25	7.54E-25	1.03E-24	2.34E-24
1.60E+01	0.00E+00	1.00E-25	7.79E-27	3.53E-27	1.95E-26	3.17E-26	4.48E-26	9.96E-26
1.70E+01	0.00E+00	3.55E-27	2.77E-28	1.25E-28	6.63E-28	1.08E-27	1.64E-27	3.53E-27
1.80E+01	0.00E+00	1.02E-28	6.92E-30	2.84E-30	1.72E-29	2.94E-29	4.47E-29	1.02E-28
1.90E+01	0.00E+00	2.33E-30	4.57E-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-30

[illegible]

```
2.13E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```

3.00E+01      0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00

```

[illegible]

```
3.35E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
3.54E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
3.75E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```


[illegible]

```
4.20E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

```

4.70E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00

```

```
4.97E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

[illegible]


```
6.24E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```


[illegible]

[illegible]

```

7.82E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00

```

[illegible]

[illegible]

```
9.27E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```



```
9.81E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
1.38E+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
```


[illegible]

[illegible]

```
1.63E+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
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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
```

[illegible]

[illegible]

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[illegible]

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[illegible]

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.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	1.48E-05	2.47E+00	8.34E-02	2.73E-02	1.44E-01	3.35E-01	7.33E-01	1.31E+00
1.00E+00	4.17E-07	5.88E-02	2.22E-03	7.65E-04	3.99E-03	9.18E-03	1.95E-02	3.38E-02
1.06E+00	3.39E-07	4.73E-02	1.80E-03	6.21E-04	3.24E-03	7.44E-03	1.58E-02	2.73E-02
1.12E+00	2.72E-07	3.75E-02	1.44E-03	4.98E-04	2.60E-03	5.96E-03	1.26E-02	2.18E-02
1.19E+00	2.15E-07	2.94E-02	1.14E-03	3.95E-04	2.06E-03	4.72E-03	9.95E-03	1.72E-02
1.25E+00	1.68E-07	2.27E-02	8.84E-04	3.09E-04	1.61E-03	3.68E-03	7.74E-03	1.33E-02
1.33E+00	1.30E-07	1.73E-02	6.78E-04	2.38E-04	1.24E-03	2.83E-03	5.94E-03	1.02E-02
1.40E+00	9.84E-08	1.29E-02	5.13E-04	1.80E-04	9.37E-04	2.14E-03	4.49E-03	7.70E-03
1.49E+00	7.35E-08	9.52E-03	3.81E-04	1.35E-04	6.99E-04	1.60E-03	3.33E-03	5.71E-03
1.57E+00	5.39E-08	6.89E-03	2.79E-04	9.88E-05	5.13E-04	1.17E-03	2.43E-03	4.16E-03
1.66E+00	3.89E-08	4.89E-03	2.00E-04	7.12E-05	3.69E-04	8.42E-04	1.75E-03	2.98E-03
1.76E+00	2.75E-08	3.40E-03	1.41E-04	5.03E-05	2.61E-04	5.94E-04	1.23E-03	2.09E-03
1.86E+00	1.91E-08	2.32E-03	9.70E-05	3.49E-05	1.81E-04	4.11E-04	8.46E-04	1.43E-03
1.97E+00	1.29E-08	1.54E-03	6.55E-05	2.37E-05	1.22E-04	2.78E-04	5.71E-04	9.64E-04
2.09E+00	8.58E-09	1.00E-03	4.32E-05	1.57E-05	8.11E-05	1.84E-04	3.76E-04	6.33E-04
2.21E+00	5.56E-09	6.36E-04	2.78E-05	1.02E-05	5.25E-05	1.19E-04	2.42E-04	4.06E-04
2.34E+00	3.51E-09	3.93E-04	1.74E-05	6.41E-06	3.31E-05	7.47E-05	1.52E-04	2.54E-04
2.47E+00	2.16E-09	2.36E-04	1.07E-05	3.94E-06	2.03E-05	4.58E-05	9.25E-05	1.54E-04
2.62E+00	1.29E-09	1.38E-04	6.32E-06	2.36E-06	1.21E-05	2.73E-05	5.48E-05	9.10E-05
2.77E+00	7.48E-10	7.77E-05	3.64E-06	1.37E-06	7.02E-06	1.58E-05	3.15E-05	5.21E-05
2.93E+00	4.20E-10	4.25E-05	2.03E-06	7.67E-07	3.94E-06	8.83E-06	1.75E-05	2.89E-05
3.00E+00	3.30E-10	3.30E-05	1.59E-06	6.02E-07	3.09E-06	6.92E-06	1.37E-05	2.26E-05
3.10E+00	2.28E-10	2.24E-05	1.09E-06	4.16E-07	2.14E-06	4.78E-06	9.44E-06	1.53E-05
3.28E+00	1.20E-10	1.14E-05	5.69E-07	2.18E-07	1.12E-06	2.49E-06	4.90E-06	7.79E-06
3.48E+00	6.04E-11	5.57E-06	2.85E-07	1.10E-07	5.64E-07	1.25E-06	2.45E-06	3.88E-06
3.68E+00	2.93E-11	2.61E-06	1.37E-07	5.33E-08	2.73E-07	6.05E-07	1.17E-06	1.86E-06
3.89E+00	1.36E-11	1.17E-06	6.33E-08	2.48E-08	1.27E-07	2.80E-07	5.39E-07	8.53E-07
4.12E+00	6.07E-12	5.04E-07	2.79E-08	1.10E-08	5.66E-08	1.24E-07	2.37E-07	3.74E-07
4.36E+00	2.58E-12	2.10E-07	1.18E-08	4.68E-09	2.40E-08	5.23E-08	9.92E-08	1.56E-07
4.61E+00	1.04E-12	8.33E-08	4.73E-09	1.89E-09	9.64E-09	2.27E-08	3.95E-08	6.20E-08
4.88E+00	3.99E-13	3.12E-08	1.81E-09	7.23E-10	3.69E-09	8.63E-09	1.52E-08	2.29E-08
5.17E+00	1.44E-13	1.11E-08	6.54E-10	2.62E-10	1.41E-09	3.09E-09	5.59E-09	7.92E-09
5.47E+00	4.93E-14	3.70E-09	2.22E-10	8.92E-11	4.79E-10	1.20E-09	1.86E-09	2.62E-09
5.78E+00	1.58E-14	1.16E-09	7.13E-11	2.86E-11	1.53E-10	4.02E-10	5.83E-10	8.25E-10
6.12E+00	4.75E-15	3.39E-10	2.14E-11	8.57E-12	4.57E-11	1.19E-10	1.77E-10	2.44E-10
6.48E+00	1.33E-15	9.22E-11	5.95E-12	2.39E-12	1.35E-11	3.30E-11	4.81E-11	6.83E-11
6.86E+00	3.45E-16	2.33E-11	1.53E-12	6.21E-13	3.49E-12	8.48E-12	1.22E-11	1.77E-11
7.26E+00	8.30E-17	5.42E-12	3.65E-13	1.49E-13	8.34E-13	2.06E-12	2.85E-12	4.15E-12
7.68E+00	1.83E-17	1.16E-12	8.04E-14	3.29E-14	1.88E-13	4.40E-13	6.19E-13	8.94E-13
8.13E+00	3.71E-18	2.27E-13	1.61E-14	6.64E-15	3.79E-14	8.77E-14	1.20E-13	1.87E-13
8.60E+00	6.85E-19	4.04E-14	2.95E-15	1.22E-15	7.01E-15	1.62E-14	2.15E-14	3.45E-14
9.10E+00	1.15E-19	6.51E-15	4.92E-16	2.04E-16	1.16E-15	2.64E-15	3.46E-15	5.76E-15
9.63E+00	1.73E-20	9.41E-16	7.34E-17	3.06E-17	1.73E-16	3.93E-16	5.09E-16	8.65E-16
1.00E+01	4.60E-21	2.44E-16	1.94E-17	8.16E-18	4.60E-17	1.03E-16	1.36E-16	2.30E-16
1.02E+01	2.33E-21	1.22E-16	9.83E-18	4.13E-18	2.32E-17	5.19E-17	6.74E-17	1.16E-16
1.08E+01	2.80E-22	1.44E-17	1.17E-18	4.95E-19	2.82E-18	6.11E-18	7.86E-18	1.39E-17
1.14E+01	2.97E-23	1.52E-18	1.23E-19	5.23E-20	2.94E-19	6.11E-19	8.18E-19	1.47E-18
1.21E+01	2.76E-24	1.41E-19	1.13E-20	4.86E-21	2.69E-20	5.69E-20	7.62E-20	1.37E-19
1.28E+01	2.24E-25	1.14E-20	9.16E-22	3.93E-22	2.25E-21	4.17E-21	5.98E-21	1.10E-20
1.35E+01	1.57E-26	7.92E-22	6.37E-23	2.74E-23	1.54E-22	2.89E-22	4.22E-22	7.71E-22
1.43E+01	9.43E-28	4.72E-23	3.82E-24	1.64E-24	9.02E-24	1.77E-23	2.68E-23	4.61E-23
1.51E+01	4.80E-29	2.39E-24	1.93E-25	8.31E-26	4.51E-25	8.52E-25	1.29E-24	2.34E-24
1.60E+01	0.00E+00	1.02E-25	8.13E-27	3.54E-27	1.94E-26	3.39E-26	5.31E-26	9.96E-26
1.70E+01	0.00E+00	3.59E-27	2.85E-28	1.25E-28	6.59E-28	1.24E-27	1.81E-27	3.53E-27
1.80E+01	0.00E+00	1.03E-28	7.17E-30	2.85E-30	1.74E-29	3.37E-29	5.21E-29	1.02E-28
1.90E+01	0.00E+00	2.33E-30	4.58E-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.32E-30

```
2.01E+01      0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00
```


[illegible]

[illegible]

[illegible]


```
2.82E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

```

3.00E+01      0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00

```


[illegible]

```
3.35E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
3.54E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
3.75E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

```
4.20E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

```

4.70E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00

```



```
4.97E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
5.26E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

```
6.24E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

```
6.99E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
7.39E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```



```
7.82E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

```
9.27E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
9.81E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

[illegible]


```
1.16E+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
```

[illegible]

[illegible]

[illegible]

```
1.46E+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
```

[illegible]

```
1.63E+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
```

```
1.73E+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
```


[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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
```


[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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
```

[illegible]

[illegible]

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[illegible]

[illegible]

[illegible]

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[illegible]

[illegible]

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.RAD

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	6.60E-06	2.25E+00	8.41E-02	2.72E-02	1.46E-01	3.41E-01	7.18E-01	1.61E+00
1.00E+00	1.87E-07	5.28E-02	2.23E-03	7.62E-04	4.04E-03	9.40E-03	1.90E-02	4.07E-02
1.06E+00	1.52E-07	4.24E-02	1.81E-03	6.19E-04	3.27E-03	7.63E-03	1.54E-02	3.28E-02
1.12E+00	1.22E-07	3.36E-02	1.45E-03	4.97E-04	2.62E-03	6.11E-03	1.23E-02	2.62E-02
1.19E+00	9.65E-08	2.63E-02	1.14E-03	3.93E-04	2.08E-03	4.83E-03	9.71E-03	2.06E-02
1.25E+00	7.55E-08	2.03E-02	8.89E-04	3.07E-04	1.62E-03	3.77E-03	7.55E-03	1.60E-02
1.33E+00	5.82E-08	1.54E-02	6.82E-04	2.37E-04	1.25E-03	2.90E-03	5.79E-03	1.22E-02
1.40E+00	4.41E-08	1.15E-02	5.15E-04	1.79E-04	9.46E-04	2.20E-03	4.37E-03	9.11E-03
1.49E+00	3.30E-08	8.48E-03	3.83E-04	1.34E-04	7.06E-04	1.64E-03	3.25E-03	6.67E-03
1.57E+00	2.42E-08	6.13E-03	2.80E-04	9.83E-05	5.17E-04	1.20E-03	2.37E-03	4.79E-03
1.66E+00	1.75E-08	4.34E-03	2.01E-04	7.08E-05	3.73E-04	8.64E-04	1.70E-03	3.38E-03
1.76E+00	1.24E-08	3.02E-03	1.41E-04	5.01E-05	2.63E-04	6.10E-04	1.20E-03	2.37E-03
1.86E+00	8.57E-09	2.07E-03	9.74E-05	3.47E-05	1.82E-04	4.22E-04	8.23E-04	1.62E-03
1.97E+00	5.82E-09	1.39E-03	6.57E-05	2.35E-05	1.24E-04	2.86E-04	5.55E-04	1.09E-03
2.09E+00	3.86E-09	9.08E-04	4.33E-05	1.56E-05	8.19E-05	1.89E-04	3.66E-04	7.11E-04
2.21E+00	2.50E-09	5.80E-04	2.79E-05	1.01E-05	5.29E-05	1.22E-04	2.35E-04	4.54E-04
2.34E+00	1.58E-09	3.61E-04	1.75E-05	6.38E-06	3.34E-05	7.70E-05	1.47E-04	2.83E-04
2.47E+00	9.74E-10	2.19E-04	1.07E-05	3.92E-06	2.05E-05	4.72E-05	8.98E-05	1.71E-04
2.62E+00	5.83E-10	1.29E-04	6.34E-06	2.34E-06	1.22E-05	2.81E-05	5.32E-05	1.01E-04
2.77E+00	3.38E-10	7.34E-05	3.65E-06	1.36E-06	7.08E-06	1.63E-05	3.07E-05	5.74E-05
2.93E+00	1.90E-10	4.05E-05	2.03E-06	7.62E-07	3.97E-06	9.11E-06	1.71E-05	3.17E-05
3.00E+00	1.49E-10	3.16E-05	1.59E-06	5.99E-07	3.12E-06	7.15E-06	1.34E-05	2.47E-05
3.10E+00	1.03E-10	2.16E-05	1.10E-06	4.14E-07	2.15E-06	4.93E-06	9.22E-06	1.69E-05
3.28E+00	5.43E-11	1.11E-05	5.70E-07	2.17E-07	1.13E-06	2.58E-06	4.79E-06	8.67E-06
3.48E+00	2.75E-11	5.50E-06	2.85E-07	1.10E-07	5.68E-07	1.30E-06	2.40E-06	4.29E-06
3.68E+00	1.33E-11	2.61E-06	1.37E-07	5.33E-08	2.75E-07	6.27E-07	1.15E-06	2.03E-06
3.89E+00	6.22E-12	1.19E-06	6.33E-08	2.48E-08	1.28E-07	2.91E-07	5.31E-07	9.24E-07
4.12E+00	2.77E-12	5.15E-07	2.80E-08	1.10E-08	5.67E-08	1.29E-07	2.34E-07	4.01E-07
4.36E+00	1.18E-12	2.13E-07	1.18E-08	4.67E-09	2.40E-08	5.45E-08	9.82E-08	1.66E-07
4.61E+00	4.76E-13	8.36E-08	4.74E-09	1.88E-09	9.67E-09	2.19E-08	3.92E-08	6.50E-08
4.88E+00	1.83E-13	3.11E-08	1.81E-09	7.21E-10	3.69E-09	8.34E-09	1.56E-08	2.42E-08
5.17E+00	6.63E-14	1.09E-08	6.51E-10	2.61E-10	1.34E-09	3.00E-09	5.43E-09	8.46E-09
5.47E+00	2.27E-14	3.61E-09	2.21E-10	8.90E-11	4.57E-10	1.02E-09	1.79E-09	2.83E-09
5.78E+00	7.29E-15	1.12E-09	7.07E-11	2.85E-11	1.46E-10	3.30E-10	5.64E-10	8.86E-10
6.12E+00	2.19E-15	3.24E-10	2.11E-11	8.55E-12	4.36E-11	9.79E-11	1.76E-10	2.60E-10
6.48E+00	6.15E-16	8.71E-11	5.85E-12	2.39E-12	1.21E-11	2.71E-11	4.80E-11	7.01E-11
6.86E+00	1.60E-16	2.17E-11	1.50E-12	6.21E-13	3.14E-12	6.97E-12	1.22E-11	1.76E-11
7.26E+00	3.86E-17	4.99E-12	3.57E-13	1.49E-13	7.50E-13	1.68E-12	2.85E-12	4.18E-12
7.68E+00	8.55E-18	1.05E-12	7.85E-14	3.29E-14	1.73E-13	3.66E-13	6.41E-13	8.97E-13
8.13E+00	1.74E-18	2.03E-13	1.58E-14	6.64E-15	3.48E-14	7.31E-14	1.24E-13	1.87E-13
8.60E+00	3.21E-19	3.56E-14	2.90E-15	1.22E-15	6.40E-15	1.34E-14	2.38E-14	3.45E-14
9.10E+00	5.39E-20	5.77E-15	4.82E-16	2.04E-16	1.09E-15	2.22E-15	3.85E-15	5.63E-15
9.63E+00	8.14E-21	8.66E-16	7.17E-17	3.07E-17	1.64E-16	3.31E-16	5.62E-16	8.00E-16
1.00E+01	2.17E-21	2.30E-16	1.90E-17	8.16E-18	4.33E-17	8.69E-17	1.55E-16	2.05E-16
1.02E+01	1.10E-21	1.17E-16	9.61E-18	4.13E-18	2.19E-17	4.37E-17	7.71E-17	1.02E-16
1.08E+01	1.33E-22	1.40E-17	1.14E-18	4.95E-19	2.61E-18	5.14E-18	8.72E-18	1.39E-17
1.14E+01	1.42E-23	1.48E-18	1.20E-19	5.24E-20	2.74E-19	5.37E-19	8.69E-19	1.47E-18
1.21E+01	1.32E-24	1.37E-19	1.11E-20	4.86E-21	2.53E-20	4.87E-20	7.76E-20	1.36E-19
1.28E+01	1.08E-25	1.11E-20	8.97E-22	3.93E-22	2.03E-21	3.84E-21	6.09E-21	1.10E-20
1.35E+01	7.60E-27	7.77E-22	6.20E-23	2.74E-23	1.40E-22	2.61E-22	4.03E-22	7.71E-22
1.43E+01	4.58E-28	4.64E-23	3.66E-24	1.64E-24	8.31E-24	1.52E-23	2.30E-23	4.61E-23
1.51E+01	2.35E-29	2.35E-24	1.83E-25	8.32E-26	4.18E-25	7.53E-25	1.21E-24	2.34E-24
1.60E+01	0.00E+00	1.00E-25	7.75E-27	3.55E-27	1.77E-26	3.14E-26	4.78E-26	9.95E-26
1.70E+01	0.00E+00	3.61E-27	2.74E-28	1.25E-28	6.19E-28	1.11E-27	1.57E-27	3.53E-27
1.80E+01	0.00E+00	1.05E-28	6.80E-30	2.90E-30	1.69E-29	2.99E-29	4.48E-29	1.02E-28
1.90E+01	0.00E+00	2.32E-30	4.03E-32	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.31E-30

[illegible]

```
2.13E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```



```
2.38E+01      0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00   0.00E+00
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
3.35E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
3.54E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
3.75E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```


[illegible]

```
4.20E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

```

4.70E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00

```

```
4.97E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```

5.26E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00

```

```
5.57E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]


```
6.24E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```



```
6.99E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```
7.39E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

```

7.82E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00

```

[illegible]

```
8.76E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]


```
9.81E+01      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]


```
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
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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
```

[illegible]

[illegible]

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

```
6.01E+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
```

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\BFM INSITU UNCERTAINTY ANALYSIS\FCS BFM INSITU UA C0-58.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	8.224E-02
2	0.000E+00	8.336E-02
3	0.000E+00	8.408E-02

Title : RESRAD Default Parameters
Input File : FCS BFM INSITU UA C0-58.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	12	-0.02	12	-0.02	8	-0.03	8	-0.01
Contaminated zone b parameter	2	-0.08	2	-0.08	12	0.02	12	0.01
Evapotranspiration coefficient	6	-0.04	6	-0.04	4	0.05	4	0.02
Wind Speed	9	0.03	9	0.03	9	-0.03	9	-0.01
Runoff coefficient	4	-0.06	4	-0.06	17	0.00	17	0.00
b Parameter of Unsaturated zone 1	17	0.00	17	0.00	10	-0.02	10	-0.01
Mass loading for inhalation	15	0.00	15	0.00	7	-0.04	7	-0.02
Indoor dust filtration factor	10	0.02	10	0.02	13	-0.02	13	-0.01
Depth of soil mixing layer	11	-0.02	11	-0.02	14	-0.02	14	-0.01
Depth of roots	16	0.00	16	0.00	2	0.76	2	0.51
Wet weight crop yield of fruit, grain and non-leafy vegetables	3	0.06	3	0.06	6	-0.05	6	-0.02
Weathering removal constant of all vegetation	14	-0.01	14	-0.01	11	-0.02	11	-0.01
Wet foliar interception fraction of leafy vegetables	8	-0.03	8	-0.03	3	-0.06	3	-0.02
Humidity in air	1	0.09	1	0.09	16	0.00	16	0.00
Cover erosion rate	7	-0.04	7	-0.04	5	-0.05	5	-0.02
Kd of Co-58 in Contaminated Zone	5	-0.05	5	-0.05	1	-0.86	1	-0.73
Kd of Co-58 in Saturated Zone	13	-0.01	13	-0.01	15	0.01	15	0.00

R-SQUARE	0.03	0.03	0.81	0.81
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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 BFM INSITU UA C0-58.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	10	-0.02	10	-0.02	16	0.00	16	0.00
Contaminated zone b parameter	14	0.02	14	0.02	8	0.06	8	0.03
Evapotranspiration coefficient	17	0.00	17	0.00	15	-0.01	15	0.00
Wind Speed	1	0.06	1	0.06	9	0.05	9	0.02
Runoff coefficient	13	0.02	13	0.02	7	0.07	7	0.03
b Parameter of Unsaturated zone 1	11	-0.02	11	-0.02	13	0.02	13	0.01
Mass loading for inhalation	16	-0.01	16	-0.01	14	0.01	14	0.00
Indoor dust filtration factor	3	-0.06	3	-0.06	12	-0.03	12	-0.01
Depth of soil mixing layer	2	0.06	2	0.06	17	0.00	17	0.00
Depth of roots	6	0.03	6	0.03	2	0.78	2	0.52
Wet weight crop yield of fruit, grain and non-leafy vegetables	9	0.03	9	0.03	5	0.11	5	0.05
Weathering removal constant of all vegetation	8	-0.03	8	-0.03	6	-0.11	6	-0.05
Wet foliar interception fraction of leafy vegetables	4	0.05	4	0.05	3	0.13	3	0.05
Humidity in air	15	-0.01	15	-0.01	11	-0.05	11	-0.02
Cover erosion rate	12	-0.02	12	-0.02	4	-0.13	4	-0.05
Kd of Co-58 in Contaminated Zone	7	-0.03	7	-0.03	1	-0.87	1	-0.74
Kd of Co-58 in Saturated Zone	5	0.03	5	0.03	10	0.05	10	0.02

R-SQUARE	0.02	0.02	0.83	0.83
----------	------	------	------	------

-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 C0-58.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	13	0.01	13	0.01	8	0.05	8	0.02
Contaminated zone b parameter	11	0.02	11	0.02	3	0.21	3	0.09
Evapotranspiration coefficient	14	0.00	14	0.00	6	-0.06	6	-0.02
Wind Speed	4	-0.06	4	-0.06	17	0.00	17	0.00
Runoff coefficient	6	-0.04	6	-0.04	15	0.00	15	0.00
b Parameter of Unsaturated zone 1	16	0.00	16	0.00	14	0.01	14	0.01
Mass loading for inhalation	1	0.13	1	0.13	16	0.00	16	0.00
Indoor dust filtration factor	10	-0.03	10	-0.03	10	-0.04	10	-0.02
Depth of soil mixing layer	15	0.00	15	0.00	13	0.02	13	0.01
Depth of roots	2	0.09	2	0.09	2	0.79	2	0.53
Wet weight crop yield of fruit, grain and non-leafy vegetables	5	-0.04	5	-0.04	12	0.02	12	0.01
Weathering removal constant of all vegetation	8	-0.04	8	-0.04	7	-0.05	7	-0.02
Wet foliar interception fraction of leafy vegetables	12	0.01	12	0.01	5	0.07	5	0.03
Humidity in air	9	-0.03	9	-0.03	4	-0.10	4	-0.04
Cover erosion rate	3	0.08	3	0.08	9	-0.04	9	-0.02
Kd of Co-58 in Contaminated Zone	7	-0.04	7	-0.04	1	-0.87	1	-0.74
Kd of Co-58 in Saturated Zone	17	0.00	17	0.00	11	-0.04	11	-0.02

R-SQUARE	0.04	0.04	0.83	0.83
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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.