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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
<hr/>										
Fe-55										
Min	0.00E+00	1.06E-03	1.06E-03	8.19E-04	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	1.22E-03	1.22E-03	9.42E-04	5.64E-04	9.35E-05	5.50E-07	8.63E-15	0.00E+00	0.00E+00
Avg	0.00E+00	1.13E-03	1.13E-03	8.71E-04	5.21E-04	8.52E-05	4.92E-07	7.44E-15	0.00E+00	0.00E+00
Std	0.00E+00	5.60E-05	5.60E-05	4.33E-05	2.61E-05	1.01E-05	8.38E-08	1.61E-15	0.00E+00	0.00E+00
ALL										
Min	0.00E+00	1.06E-03	1.06E-03	8.19E-04	4.57E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max	0.00E+00	1.22E-03	1.22E-03	9.42E-04	5.64E-04	9.35E-05	5.50E-07	8.63E-15	0.00E+00	0.00E+00
Avg	0.00E+00	1.13E-03	1.13E-03	8.71E-04	5.21E-04	8.52E-05	4.92E-07	7.44E-15	0.00E+00	0.00E+00
Std	0.00E+00	5.60E-05	5.60E-05	4.33E-05	2.61E-05	1.01E-05	8.38E-08	1.61E-15	0.00E+00	0.00E+00
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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
Fe-55									
Min		6.91E-08	5.34E-08	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		7.92E-08	6.12E-08	3.66E-08	6.08E-09	3.58E-11	5.61E-19	0.00E+00	0.00E+00
Avg		7.33E-08	5.67E-08	3.39E-08	5.54E-09	3.20E-11	4.84E-19	0.00E+00	0.00E+00
Std		3.64E-09	2.82E-09	1.69E-09	6.45E-10	5.44E-12	1.05E-19	0.00E+00	0.00E+00
ALL									
Min		6.91E-08	5.34E-08	3.16E-08	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		7.92E-08	6.12E-08	3.66E-08	6.08E-09	3.58E-11	5.61E-19	0.00E+00	0.00E+00
Avg		7.33E-08	5.67E-08	3.39E-08	5.54E-09	3.20E-11	4.84E-19	0.00E+00	0.00E+00
Std		3.64E-09	2.82E-09	1.69E-09	6.45E-10	5.44E-12	1.05E-19	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
<hr/>									
Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
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ALL is total pathway dose summed for all nuclides.

Probabilistic 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
<hr/>									
Fe-55									
Min		9.04E-11	6.99E-11	4.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.00E-07	1.55E-07	9.27E-08	1.54E-08	9.04E-11	1.41E-18	0.00E+00	0.00E+00
Avg		3.23E-08	2.50E-08	1.50E-08	2.45E-09	1.42E-11	2.17E-19	0.00E+00	0.00E+00
Std		1.96E-08	1.52E-08	9.08E-09	1.52E-09	8.99E-12	1.42E-19	0.00E+00	0.00E+00
ΣALL									
Min		9.04E-11	6.99E-11	4.18E-11	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		2.00E-07	1.55E-07	9.27E-08	1.54E-08	9.04E-11	1.41E-18	0.00E+00	0.00E+00
Avg		3.23E-08	2.50E-08	1.50E-08	2.45E-09	1.42E-11	2.17E-19	0.00E+00	0.00E+00
Std		1.96E-08	1.52E-08	9.08E-09	1.52E-09	8.99E-12	1.42E-19	0.00E+00	0.00E+00
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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
<hr/>									
Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
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
Fe-55									
Min		3.28E-05	2.35E-05	8.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.31E-04	1.02E-04	6.07E-05	1.01E-05	5.93E-08	9.29E-16	0.00E+00	0.00E+00
Avg		7.37E-05	5.69E-05	3.38E-05	5.49E-06	3.11E-08	4.30E-16	0.00E+00	0.00E+00
Std		3.56E-05	2.75E-05	1.66E-05	2.80E-06	1.68E-08	2.63E-16	0.00E+00	0.00E+00
ALL									
Min		3.28E-05	2.35E-05	8.88E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.31E-04	1.02E-04	6.07E-05	1.01E-05	5.93E-08	9.29E-16	0.00E+00	0.00E+00
Avg		7.37E-05	5.69E-05	3.38E-05	5.49E-06	3.11E-08	4.30E-16	0.00E+00	0.00E+00
Std		3.56E-05	2.75E-05	1.66E-05	2.80E-06	1.68E-08	2.63E-16	0.00E+00	0.00E+00

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
Fe-55									
Min		9.78E-04	7.56E-04	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.03E-03	7.97E-04	4.77E-04	7.91E-05	4.66E-07	7.30E-15	0.00E+00	0.00E+00
Avg		1.00E-03	7.73E-04	4.62E-04	7.57E-05	4.38E-07	6.66E-15	0.00E+00	0.00E+00
Std		1.85E-05	1.43E-05	8.68E-06	8.22E-06	7.16E-08	1.41E-15	0.00E+00	0.00E+00
ΣALL									
Min		9.78E-04	7.56E-04	4.26E-04	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		1.03E-03	7.97E-04	4.77E-04	7.91E-05	4.66E-07	7.30E-15	0.00E+00	0.00E+00
Avg		1.00E-03	7.73E-04	4.62E-04	7.57E-05	4.38E-07	6.66E-15	0.00E+00	0.00E+00
Std		1.85E-05	1.43E-05	8.68E-06	8.22E-06	7.16E-08	1.41E-15	0.00E+00	0.00E+00

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\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

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/>									
Fe-55									
Min		4.35E-05	3.36E-05	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		4.87E-05	3.77E-05	2.26E-05	3.74E-06	2.20E-08	3.45E-16	0.00E+00	0.00E+00
Avg		4.57E-05	3.53E-05	2.11E-05	3.45E-06	1.99E-08	3.02E-16	0.00E+00	0.00E+00
Std		1.88E-06	1.45E-06	8.76E-07	3.98E-07	3.35E-09	6.49E-17	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		4.35E-05	3.36E-05	1.86E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		4.87E-05	3.77E-05	2.26E-05	3.74E-06	2.20E-08	3.45E-16	0.00E+00	0.00E+00
Avg		4.57E-05	3.53E-05	2.11E-05	3.45E-06	1.99E-08	3.02E-16	0.00E+00	0.00E+00
Std		1.88E-06	1.45E-06	8.76E-07	3.98E-07	3.35E-09	6.49E-17	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\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

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/>									
Fe-55									
Min		7.63E-06	5.88E-06	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		7.64E-06	5.91E-06	3.54E-06	5.86E-07	3.45E-09	5.42E-17	0.00E+00	0.00E+00
Avg		7.64E-06	5.91E-06	3.54E-06	5.79E-07	3.35E-09	5.11E-17	0.00E+00	0.00E+00
Std		6.61E-10	1.58E-09	6.44E-09	6.20E-08	5.44E-10	1.08E-17	0.00E+00	0.00E+00
<hr/>									
ALL									
Min		7.63E-06	5.88E-06	3.30E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		7.64E-06	5.91E-06	3.54E-06	5.86E-07	3.45E-09	5.42E-17	0.00E+00	0.00E+00
Avg		7.64E-06	5.91E-06	3.54E-06	5.79E-07	3.35E-09	5.11E-17	0.00E+00	0.00E+00
Std		6.61E-10	1.58E-09	6.44E-09	6.20E-08	5.44E-10	1.08E-17	0.00E+00	0.00E+00
<hr/>									

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

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
<hr/>									
Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.75E-11	3.98E-17	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-14	2.38E-19	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-12	1.66E-18	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	5.75E-11	3.98E-17	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.49E-14	2.38E-19	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.65E-12	1.66E-18	0.00E+00	0.00E+00
<hr/>									

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

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/>									
Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
CALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									

ALL is total pathway dose summed for all nuclides.

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

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

Nuclide		DOSE(i,j,t), mrem/yr							
(j)	t=	0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
<hr/>									
Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
<hr/>									
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 results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.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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Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	6.29E-12	2.58E-18	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-15	1.92E-20	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-13	1.26E-19	0.00E+00	0.00E+00
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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	0.00E+00	0.00E+00	6.29E-12	2.58E-18	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	5.94E-15	1.92E-20	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.73E-13	1.26E-19	0.00E+00	0.00E+00
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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\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.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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Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-11	1.41E-17	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-14	9.74E-20	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-13	6.41E-19	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		0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.45E-11	1.41E-17	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.74E-14	9.74E-20	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	7.07E-13	6.41E-19	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\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.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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Fe-55									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-12	8.95E-19	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-15	6.67E-21	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-14	4.28E-20	0.00E+00	0.00E+00
ALL									
Min		0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Max		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.72E-12	8.95E-19	0.00E+00	0.00E+00
Avg		0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.92E-15	6.67E-21	0.00E+00	0.00E+00
Std		0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.99E-14	4.28E-20	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\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

Cumulative Probability Summary for: Total Dose Over Pathways

Cumulative Probability	Dose(t), mrem/yr							
	t= 0.00E+00	1.00E+00	3.00E+00	1.00E+01	3.00E+01	1.00E+02	3.00E+02	1.00E+03
0.025	1.06E-03	8.23E-04	4.92E-04	8.11E-05	2.80E-08	0.00E+00	0.00E+00	0.00E+00
0.050	1.06E-03	8.24E-04	4.92E-04	8.14E-05	4.75E-07	6.94E-15	0.00E+00	0.00E+00
0.075	1.07E-03	8.25E-04	4.93E-04	8.16E-05	4.77E-07	7.21E-15	0.00E+00	0.00E+00
0.100	1.07E-03	8.26E-04	4.94E-04	8.16E-05	4.78E-07	7.28E-15	0.00E+00	0.00E+00
0.125	1.07E-03	8.27E-04	4.94E-04	8.17E-05	4.79E-07	7.32E-15	0.00E+00	0.00E+00
0.150	1.07E-03	8.28E-04	4.95E-04	8.18E-05	4.80E-07	7.35E-15	0.00E+00	0.00E+00
0.175	1.07E-03	8.29E-04	4.96E-04	8.20E-05	4.80E-07	7.38E-15	0.00E+00	0.00E+00
0.200	1.07E-03	8.31E-04	4.97E-04	8.21E-05	4.81E-07	7.41E-15	0.00E+00	0.00E+00
0.225	1.08E-03	8.32E-04	4.97E-04	8.22E-05	4.82E-07	7.43E-15	0.00E+00	0.00E+00
0.250	1.08E-03	8.33E-04	4.98E-04	8.24E-05	4.83E-07	7.44E-15	0.00E+00	0.00E+00
0.275	1.08E-03	8.35E-04	4.99E-04	8.26E-05	4.84E-07	7.47E-15	0.00E+00	0.00E+00
0.300	1.08E-03	8.37E-04	5.00E-04	8.27E-05	4.85E-07	7.48E-15	0.00E+00	0.00E+00
0.325	1.08E-03	8.38E-04	5.01E-04	8.29E-05	4.86E-07	7.50E-15	0.00E+00	0.00E+00
0.350	1.09E-03	8.40E-04	5.02E-04	8.31E-05	4.87E-07	7.52E-15	0.00E+00	0.00E+00
0.375	1.09E-03	8.42E-04	5.04E-04	8.33E-05	4.88E-07	7.53E-15	0.00E+00	0.00E+00
0.400	1.09E-03	8.45E-04	5.05E-04	8.35E-05	4.89E-07	7.55E-15	0.00E+00	0.00E+00
0.425	1.10E-03	8.47E-04	5.07E-04	8.37E-05	4.90E-07	7.56E-15	0.00E+00	0.00E+00
0.450	1.10E-03	8.50E-04	5.08E-04	8.40E-05	4.92E-07	7.58E-15	0.00E+00	0.00E+00
0.475	1.10E-03	8.52E-04	5.09E-04	8.42E-05	4.93E-07	7.60E-15	0.00E+00	0.00E+00
0.500	1.11E-03	8.55E-04	5.11E-04	8.46E-05	4.95E-07	7.62E-15	0.00E+00	0.00E+00
0.525	1.11E-03	8.59E-04	5.13E-04	8.49E-05	4.97E-07	7.65E-15	0.00E+00	0.00E+00
0.550	1.12E-03	8.62E-04	5.16E-04	8.53E-05	4.99E-07	7.67E-15	0.00E+00	0.00E+00
0.575	1.12E-03	8.67E-04	5.18E-04	8.57E-05	5.01E-07	7.69E-15	0.00E+00	0.00E+00
0.600	1.13E-03	8.71E-04	5.21E-04	8.61E-05	5.04E-07	7.72E-15	0.00E+00	0.00E+00
0.625	1.13E-03	8.76E-04	5.24E-04	8.65E-05	5.06E-07	7.77E-15	0.00E+00	0.00E+00
0.650	1.14E-03	8.81E-04	5.27E-04	8.72E-05	5.10E-07	7.81E-15	0.00E+00	0.00E+00
0.675	1.15E-03	8.87E-04	5.31E-04	8.78E-05	5.13E-07	7.85E-15	0.00E+00	0.00E+00
0.700	1.16E-03	8.94E-04	5.35E-04	8.84E-05	5.16E-07	7.90E-15	0.00E+00	0.00E+00
0.725	1.17E-03	9.02E-04	5.39E-04	8.91E-05	5.21E-07	7.95E-15	0.00E+00	0.00E+00
0.750	1.18E-03	9.12E-04	5.45E-04	8.99E-05	5.25E-07	8.02E-15	0.00E+00	0.00E+00
0.775	1.19E-03	9.23E-04	5.51E-04	9.10E-05	5.30E-07	8.08E-15	0.00E+00	0.00E+00
0.800	1.21E-03	9.34E-04	5.58E-04	9.22E-05	5.37E-07	8.16E-15	0.00E+00	0.00E+00
0.825	1.22E-03	9.41E-04	5.63E-04	9.30E-05	5.43E-07	8.26E-15	0.00E+00	0.00E+00
0.850	1.22E-03	9.41E-04	5.63E-04	9.32E-05	5.46E-07	8.34E-15	0.00E+00	0.00E+00
0.875	1.22E-03	9.41E-04	5.63E-04	9.32E-05	5.47E-07	8.42E-15	0.00E+00	0.00E+00
0.900	1.22E-03	9.41E-04	5.63E-04	9.33E-05	5.48E-07	8.48E-15	0.00E+00	0.00E+00
0.925	1.22E-03	9.41E-04	5.63E-04	9.33E-05	5.48E-07	8.53E-15	0.00E+00	0.00E+00
0.950	1.22E-03	9.41E-04	5.63E-04	9.33E-05	5.49E-07	8.57E-15	0.00E+00	0.00E+00
0.975	1.22E-03	9.41E-04	5.63E-04	9.34E-05	5.50E-07	8.60E-15	0.00E+00	0.00E+00
1.000	1.22E-03	9.42E-04	5.64E-04	9.35E-05	5.50E-07	8.63E-15	0.00E+00	0.00E+00

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	1.06E-03	1.22E-03	1.13E-03	1.11E-03	1.22E-03	1.22E-03	1.22E-03	1.22E-03
1.00E+00	8.21E-04	9.42E-04	8.71E-04	8.55E-04	9.41E-04	9.41E-04	9.41E-04	9.42E-04
1.06E+00	8.09E-04	9.28E-04	8.58E-04	8.42E-04	9.27E-04	9.27E-04	9.27E-04	9.28E-04
1.12E+00	7.96E-04	9.13E-04	8.45E-04	8.29E-04	9.13E-04	9.13E-04	9.13E-04	9.13E-04
1.19E+00	7.83E-04	8.98E-04	8.31E-04	8.15E-04	8.97E-04	8.98E-04	8.98E-04	8.98E-04
1.25E+00	7.69E-04	8.82E-04	8.16E-04	8.01E-04	8.82E-04	8.82E-04	8.82E-04	8.82E-04
1.33E+00	7.55E-04	8.66E-04	8.01E-04	7.86E-04	8.65E-04	8.65E-04	8.66E-04	8.66E-04
1.40E+00	7.40E-04	8.49E-04	7.85E-04	7.70E-04	8.48E-04	8.48E-04	8.48E-04	8.49E-04
1.49E+00	7.25E-04	8.31E-04	7.69E-04	7.54E-04	8.31E-04	8.31E-04	8.31E-04	8.31E-04
1.57E+00	7.09E-04	8.13E-04	7.52E-04	7.38E-04	8.12E-04	8.12E-04	8.13E-04	8.13E-04
1.66E+00	6.92E-04	7.94E-04	7.34E-04	7.20E-04	7.93E-04	7.94E-04	7.94E-04	7.94E-04
1.76E+00	6.75E-04	7.74E-04	7.16E-04	7.03E-04	7.74E-04	7.74E-04	7.74E-04	7.74E-04
1.86E+00	6.58E-04	7.54E-04	6.98E-04	6.84E-04	7.54E-04	7.54E-04	7.54E-04	7.54E-04
1.97E+00	6.39E-04	7.34E-04	6.78E-04	6.66E-04	7.33E-04	7.33E-04	7.33E-04	7.33E-04
2.09E+00	6.20E-04	7.12E-04	6.59E-04	6.46E-04	7.12E-04	7.12E-04	7.12E-04	7.12E-04
2.21E+00	6.00E-04	6.90E-04	6.38E-04	6.26E-04	6.90E-04	6.90E-04	6.90E-04	6.90E-04
2.34E+00	5.80E-04	6.68E-04	6.18E-04	6.06E-04	6.67E-04	6.68E-04	6.68E-04	6.68E-04
2.47E+00	5.60E-04	6.45E-04	5.96E-04	5.85E-04	6.44E-04	6.45E-04	6.45E-04	6.45E-04
2.62E+00	5.39E-04	6.21E-04	5.75E-04	5.64E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04
2.77E+00	5.18E-04	5.98E-04	5.53E-04	5.42E-04	5.97E-04	5.97E-04	5.97E-04	5.98E-04
2.93E+00	4.96E-04	5.73E-04	5.30E-04	5.20E-04	5.73E-04	5.73E-04	5.73E-04	5.73E-04
3.00E+00	4.87E-04	5.63E-04	5.21E-04	5.11E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
3.10E+00	4.73E-04	5.49E-04	5.07E-04	4.98E-04	5.48E-04	5.48E-04	5.49E-04	5.49E-04
3.28E+00	4.50E-04	5.24E-04	4.84E-04	4.75E-04	5.23E-04	5.24E-04	5.24E-04	5.24E-04
3.48E+00	4.26E-04	4.99E-04	4.61E-04	4.52E-04	4.98E-04	4.98E-04	4.99E-04	4.99E-04
3.68E+00	3.96E-04	4.73E-04	4.38E-04	4.29E-04	4.73E-04	4.73E-04	4.73E-04	4.73E-04
3.89E+00	3.53E-04	4.48E-04	4.14E-04	4.06E-04	4.48E-04	4.48E-04	4.48E-04	4.48E-04
4.12E+00	2.98E-04	4.23E-04	3.91E-04	3.83E-04	4.22E-04	4.23E-04	4.23E-04	4.23E-04
4.36E+00	2.30E-04	3.98E-04	3.67E-04	3.61E-04	3.97E-04	3.97E-04	3.97E-04	3.97E-04
4.61E+00	1.56E-04	3.72E-04	3.44E-04	3.38E-04	3.72E-04	3.72E-04	3.72E-04	3.72E-04
4.88E+00	8.66E-05	3.48E-04	3.20E-04	3.15E-04	3.47E-04	3.47E-04	3.47E-04	3.48E-04
5.17E+00	3.65E-05	3.23E-04	2.98E-04	2.93E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04
5.47E+00	7.68E-06	2.99E-04	2.75E-04	2.71E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
5.78E+00	4.80E-09	2.76E-04	2.53E-04	2.50E-04	2.75E-04	2.75E-04	2.76E-04	2.76E-04
6.12E+00	0.00E+00	2.53E-04	2.32E-04	2.29E-04	2.53E-04	2.53E-04	2.53E-04	2.53E-04
6.48E+00	0.00E+00	2.31E-04	2.12E-04	2.09E-04	2.30E-04	2.31E-04	2.31E-04	2.31E-04
6.86E+00	0.00E+00	2.09E-04	1.92E-04	1.90E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
7.26E+00	0.00E+00	1.89E-04	1.73E-04	1.71E-04	1.89E-04	1.89E-04	1.89E-04	1.89E-04
7.68E+00	0.00E+00	1.70E-04	1.55E-04	1.54E-04	1.69E-04	1.69E-04	1.69E-04	1.70E-04
8.13E+00	0.00E+00	1.51E-04	1.38E-04	1.37E-04	1.51E-04	1.51E-04	1.51E-04	1.51E-04
8.60E+00	0.00E+00	1.34E-04	1.22E-04	1.21E-04	1.34E-04	1.34E-04	1.34E-04	1.34E-04
9.10E+00	0.00E+00	1.18E-04	1.07E-04	1.07E-04	1.18E-04	1.18E-04	1.18E-04	1.18E-04
9.63E+00	0.00E+00	1.03E-04	9.37E-05	9.30E-05	1.03E-04	1.03E-04	1.03E-04	1.03E-04
1.00E+01	0.00E+00	9.34E-05	8.51E-05	8.46E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05
1.02E+01	0.00E+00	8.89E-05	8.10E-05	8.05E-05	8.88E-05	8.89E-05	8.89E-05	8.89E-05
1.08E+01	0.00E+00	7.64E-05	6.95E-05	6.91E-05	7.63E-05	7.63E-05	7.63E-05	7.64E-05
1.14E+01	0.00E+00	6.50E-05	5.92E-05	5.88E-05	6.49E-05	6.49E-05	6.50E-05	6.50E-05
1.21E+01	0.00E+00	5.48E-05	4.99E-05	4.96E-05	5.47E-05	5.48E-05	5.48E-05	5.48E-05
1.28E+01	0.00E+00	4.57E-05	4.16E-05	4.14E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05
1.35E+01	0.00E+00	3.78E-05	3.43E-05	3.42E-05	3.77E-05	3.78E-05	3.78E-05	3.78E-05
1.43E+01	0.00E+00	3.09E-05	2.80E-05	2.79E-05	3.08E-05	3.08E-05	3.08E-05	3.09E-05
1.51E+01	0.00E+00	2.49E-05	2.26E-05	2.25E-05	2.49E-05	2.49E-05	2.49E-05	2.49E-05
1.60E+01	0.00E+00	1.99E-05	1.80E-05	1.79E-05	1.98E-05	1.98E-05	1.99E-05	1.99E-05
1.70E+01	0.00E+00	1.56E-05	1.41E-05	1.41E-05	1.56E-05	1.56E-05	1.56E-05	1.56E-05
1.80E+01	0.00E+00	1.21E-05	1.10E-05	1.10E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05
1.90E+01	0.00E+00	9.27E-06	8.37E-06	8.37E-06	9.25E-06	9.26E-06	9.27E-06	9.27E-06

2.01E+01 0.00E+00 6.98E-06 6.29E-06 6.30E-06 6.96E-06 6.97E-06 6.98E-06 6.98E-06

2.13E+01 0.00E+00 5.17E-06 4.65E-06 4.66E-06 5.15E-06 5.16E-06 5.16E-06 5.17E-06

2.25E+01	0.00E+00	3.76E-06	3.38E-06	3.39E-06	3.75E-06	3.75E-06	3.76E-06	3.76E-06
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2.38E+01	0.00E+00	2.68E-06	2.41E-06	2.42E-06	2.68E-06	2.68E-06	2.68E-06	2.68E-06
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2.52E+01	0.00E+00	1.88E-06	1.69E-06	1.69E-06	1.87E-06	1.88E-06	1.88E-06	1.88E-06
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2.67E+01	0.00E+00	1.29E-06	1.16E-06	1.16E-06	1.28E-06	1.29E-06	1.29E-06	1.29E-06
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2.82E+01 0.00E+00 8.65E-07 7.75E-07 7.78E-07 8.62E-07 8.64E-07 8.64E-07 8.65E-07

2.99E+01 0.00E+00 5.67E-07 5.08E-07 5.10E-07 5.65E-07 5.66E-07 5.67E-07 5.67E-07

3.00E+01	0.00E+00	5.50E-07	4.92E-07	4.95E-07	5.48E-07	5.49E-07	5.50E-07	5.50E-07
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3.16E+01	0.00E+00	3.63E-07	3.24E-07	3.26E-07	3.61E-07	3.62E-07	3.62E-07	3.63E-07
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3.35E+01	0.00E+00	2.26E-07	2.02E-07	2.03E-07	2.25E-07	2.26E-07	2.26E-07	2.26E-07
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3.54E+01	0.00E+00	1.37E-07	1.22E-07	1.23E-07	1.36E-07	1.37E-07	1.37E-07	1.37E-07
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3.75E+01	0.00E+00	8.07E-08	7.18E-08	7.24E-08	8.03E-08	8.05E-08	8.06E-08	8.06E-08
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3.97E+01 0.00E+00 4.61E-08 4.09E-08 4.13E-08 4.58E-08 4.60E-08 4.60E-08 4.60E-08

4.20E+01	0.00E+00	2.55E-08	2.26E-08	2.28E-08	2.53E-08	2.54E-08	2.54E-08	2.54E-08
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4.44E+01	0.00E+00	1.36E-08	1.20E-08	1.22E-08	1.35E-08	1.36E-08	1.36E-08	1.36E-08
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4.70E+01	0.00E+00	6.99E-09	6.18E-09	6.26E-09	6.95E-09	6.97E-09	6.99E-09	6.99E-09
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4.97E+01	0.00E+00	3.46E-09	3.06E-09	3.10E-09	3.44E-09	3.45E-09	3.46E-09	3.46E-09
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5.26E+01	0.00E+00	1.65E-09	1.45E-09	1.47E-09	1.63E-09	1.64E-09	1.64E-09	1.64E-09
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5.57E+01	0.00E+00	7.49E-10	6.59E-10	6.69E-10	7.42E-10	7.46E-10	7.48E-10	7.48E-10
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5.90E+01 0.00E+00 3.25E-10 2.86E-10 2.90E-10 3.22E-10 3.24E-10 3.25E-10 3.25E-10

6.24E+01	0.00E+00	1.35E-10	1.18E-10	1.20E-10	1.33E-10	1.34E-10	1.35E-10	1.35E-10
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6.60E+01	0.00E+00	5.30E-11	4.64E-11	4.72E-11	5.24E-11	5.28E-11	5.29E-11	5.30E-11
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6.99E+01	0.00E+00	1.98E-11	1.73E-11	1.76E-11	1.95E-11	1.97E-11	1.97E-11	1.97E-11
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7.39E+01	0.00E+00	6.95E-12	6.06E-12	6.18E-12	6.86E-12	6.92E-12	6.94E-12	6.94E-12
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7.82E+01	0.00E+00	2.30E-12	2.00E-12	2.04E-12	2.27E-12	2.29E-12	2.30E-12	2.30E-12
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8.28E+01	0.00E+00	7.14E-13	6.20E-13	6.33E-13	7.04E-13	7.10E-13	7.12E-13	7.13E-13
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8.76E+01 0.00E+00 2.07E-13 1.79E-13 1.83E-13 2.04E-13 2.06E-13 2.06E-13 2.07E-13

9.27E+01	0.00E+00	5.58E-14	4.82E-14	4.93E-14	5.49E-14	5.55E-14	5.57E-14	5.57E-14
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9.81E+01	0.00E+00	1.39E-14	1.20E-14	1.23E-14	1.37E-14	1.39E-14	1.39E-14	1.39E-14
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1.00E+02	0.00E+00	8.62E-15	7.44E-15	7.61E-15	8.48E-15	8.57E-15	8.61E-15	8.62E-15
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1.04E+02	0.00E+00	3.21E-15	2.77E-15	2.83E-15	3.16E-15	3.19E-15	3.21E-15	3.21E-15
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1.10E+02 0.00E+00 6.80E-16 5.85E-16 5.98E-16 6.67E-16 6.75E-16 6.78E-16 6.79E-16

1.16E+02 0.00E+00 1.31E-16 1.13E-16 1.15E-16 1.29E-16 1.30E-16 1.31E-16 1.31E-16

1.23E+02	0.00E+00	2.31E-17	1.97E-17	2.02E-17	2.26E-17	2.29E-17	2.30E-17	2.30E-17
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1.30E+02 0.00E+00 3.66E-18 3.12E-18 3.21E-18 3.58E-18 3.63E-18 3.65E-18 3.66E-18

1.38E+02	0.00E+00	5.22E-19	4.43E-19	4.57E-19	5.10E-19	5.17E-19	5.21E-19	5.21E-19
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1.46E+02 0.00E+00 6.64E-20 5.61E-20 5.81E-20 6.47E-20 6.57E-20 6.63E-20 6.64E-20

1.54E+02 0.00E+00 7.50E-21 6.29E-21 6.54E-21 7.28E-21 7.40E-21 7.48E-21 7.49E-21

1.63E+02 0.00E+00 7.46E-22 6.20E-22 6.49E-22 7.21E-22 7.34E-22 7.43E-22 7.45E-22

1.73E+02 0.00E+00 6.48E-23 5.34E-23 5.62E-23 6.24E-23 6.37E-23 6.46E-23 6.47E-23

1.83E+02 0.00E+00 4.88E-24 3.97E-24 4.23E-24 4.68E-24 4.79E-24 4.87E-24 4.88E-24

1.94E+02 0.00E+00 3.17E-25 2.53E-25 2.74E-25 3.03E-25 3.10E-25 3.15E-25 3.16E-25

2.05E+02 0.00E+00 1.75E-26 1.36E-26 1.51E-26 1.67E-26 1.71E-26 1.74E-26 1.75E-26

2.17E+02 0.00E+00 8.17E-28 6.17E-28 7.03E-28 7.79E-28 7.98E-28 8.12E-28 8.16E-28

2.29E+02 0.00E+00 3.17E-29 2.29E-29 2.65E-29 3.01E-29 3.09E-29 3.15E-29 3.17E-29

[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
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[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]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

```
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]

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


[illegible]

[illegible]

[illegible]

[illegible]

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

Summary of dose at graphical times, reptition 2								
Time	Dose statistics at graphical times, mrem/yr							
Years	Minimum	Maximum	Mean	Median	90%	95%	97.5%	99%
0.00E+00	1.06E-03	1.22E-03	1.13E-03	1.11E-03	1.22E-03	1.22E-03	1.22E-03	1.22E-03
1.00E+00	8.21E-04	9.42E-04	8.71E-04	8.55E-04	9.41E-04	9.41E-04	9.41E-04	9.42E-04
1.06E+00	8.09E-04	9.28E-04	8.58E-04	8.43E-04	9.27E-04	9.27E-04	9.27E-04	9.28E-04
1.12E+00	7.96E-04	9.13E-04	8.45E-04	8.29E-04	9.13E-04	9.13E-04	9.13E-04	9.13E-04
1.19E+00	7.83E-04	8.98E-04	8.31E-04	8.15E-04	8.97E-04	8.98E-04	8.98E-04	8.98E-04
1.25E+00	7.69E-04	8.82E-04	8.16E-04	8.01E-04	8.82E-04	8.82E-04	8.82E-04	8.82E-04
1.33E+00	7.54E-04	8.66E-04	8.01E-04	7.86E-04	8.65E-04	8.65E-04	8.66E-04	8.66E-04
1.40E+00	7.39E-04	8.49E-04	7.85E-04	7.71E-04	8.48E-04	8.48E-04	8.49E-04	8.49E-04
1.49E+00	7.24E-04	8.31E-04	7.69E-04	7.55E-04	8.31E-04	8.31E-04	8.31E-04	8.31E-04
1.57E+00	7.08E-04	8.13E-04	7.52E-04	7.38E-04	8.12E-04	8.12E-04	8.13E-04	8.13E-04
1.66E+00	6.91E-04	7.94E-04	7.34E-04	7.21E-04	7.93E-04	7.94E-04	7.94E-04	7.94E-04
1.76E+00	6.74E-04	7.74E-04	7.16E-04	7.03E-04	7.74E-04	7.74E-04	7.74E-04	7.74E-04
1.86E+00	6.57E-04	7.54E-04	6.98E-04	6.85E-04	7.54E-04	7.54E-04	7.54E-04	7.54E-04
1.97E+00	6.38E-04	7.34E-04	6.78E-04	6.66E-04	7.33E-04	7.33E-04	7.33E-04	7.33E-04
2.09E+00	6.18E-04	7.12E-04	6.59E-04	6.46E-04	7.12E-04	7.12E-04	7.12E-04	7.12E-04
2.21E+00	5.98E-04	6.90E-04	6.38E-04	6.26E-04	6.90E-04	6.90E-04	6.90E-04	6.90E-04
2.34E+00	5.77E-04	6.68E-04	6.18E-04	6.06E-04	6.67E-04	6.68E-04	6.68E-04	6.68E-04
2.47E+00	5.56E-04	6.45E-04	5.96E-04	5.85E-04	6.44E-04	6.45E-04	6.45E-04	6.45E-04
2.62E+00	5.33E-04	6.22E-04	5.75E-04	5.64E-04	6.21E-04	6.21E-04	6.21E-04	6.21E-04
2.77E+00	5.08E-04	5.98E-04	5.53E-04	5.42E-04	5.97E-04	5.97E-04	5.97E-04	5.98E-04
2.93E+00	4.73E-04	5.73E-04	5.30E-04	5.20E-04	5.73E-04	5.73E-04	5.73E-04	5.73E-04
3.00E+00	4.57E-04	5.64E-04	5.21E-04	5.11E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
3.10E+00	4.32E-04	5.49E-04	5.07E-04	4.98E-04	5.48E-04	5.48E-04	5.49E-04	5.49E-04
3.28E+00	3.84E-04	5.24E-04	4.84E-04	4.75E-04	5.23E-04	5.24E-04	5.24E-04	5.24E-04
3.48E+00	3.28E-04	4.99E-04	4.61E-04	4.52E-04	4.98E-04	4.99E-04	4.99E-04	4.99E-04
3.68E+00	2.68E-04	4.74E-04	4.37E-04	4.29E-04	4.73E-04	4.73E-04	4.73E-04	4.73E-04
3.89E+00	2.08E-04	4.48E-04	4.14E-04	4.06E-04	4.48E-04	4.48E-04	4.48E-04	4.48E-04
4.12E+00	1.51E-04	4.23E-04	3.90E-04	3.83E-04	4.22E-04	4.23E-04	4.23E-04	4.23E-04
4.36E+00	9.69E-05	3.98E-04	3.67E-04	3.60E-04	3.97E-04	3.97E-04	3.97E-04	3.97E-04
4.61E+00	5.14E-05	3.72E-04	3.43E-04	3.38E-04	3.72E-04	3.72E-04	3.72E-04	3.72E-04
4.88E+00	2.00E-05	3.48E-04	3.20E-04	3.15E-04	3.47E-04	3.47E-04	3.47E-04	3.48E-04
5.17E+00	2.96E-06	3.23E-04	2.97E-04	2.93E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04
5.47E+00	7.64E-10	2.99E-04	2.75E-04	2.71E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
5.78E+00	0.00E+00	2.76E-04	2.53E-04	2.50E-04	2.75E-04	2.75E-04	2.76E-04	2.76E-04
6.12E+00	0.00E+00	2.53E-04	2.32E-04	2.29E-04	2.53E-04	2.53E-04	2.53E-04	2.53E-04
6.48E+00	0.00E+00	2.31E-04	2.12E-04	2.09E-04	2.30E-04	2.31E-04	2.31E-04	2.31E-04
6.86E+00	0.00E+00	2.09E-04	1.92E-04	1.90E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
7.26E+00	0.00E+00	1.89E-04	1.73E-04	1.71E-04	1.89E-04	1.89E-04	1.89E-04	1.89E-04
7.68E+00	0.00E+00	1.70E-04	1.55E-04	1.54E-04	1.69E-04	1.69E-04	1.69E-04	1.70E-04
8.13E+00	0.00E+00	1.51E-04	1.38E-04	1.37E-04	1.51E-04	1.51E-04	1.51E-04	1.51E-04
8.60E+00	0.00E+00	1.34E-04	1.22E-04	1.21E-04	1.34E-04	1.34E-04	1.34E-04	1.34E-04
9.10E+00	0.00E+00	1.18E-04	1.07E-04	1.07E-04	1.18E-04	1.18E-04	1.18E-04	1.18E-04
9.63E+00	0.00E+00	1.03E-04	9.37E-05	9.30E-05	1.03E-04	1.03E-04	1.03E-04	1.03E-04
1.00E+01	0.00E+00	9.34E-05	8.51E-05	8.45E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05
1.02E+01	0.00E+00	8.89E-05	8.11E-05	8.05E-05	8.88E-05	8.89E-05	8.89E-05	8.89E-05
1.08E+01	0.00E+00	7.64E-05	6.95E-05	6.91E-05	7.62E-05	7.63E-05	7.63E-05	7.64E-05
1.14E+01	0.00E+00	6.50E-05	5.92E-05	5.88E-05	6.49E-05	6.49E-05	6.50E-05	6.50E-05
1.21E+01	0.00E+00	5.48E-05	4.98E-05	4.96E-05	5.47E-05	5.48E-05	5.48E-05	5.48E-05
1.28E+01	0.00E+00	4.57E-05	4.16E-05	4.14E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05
1.35E+01	0.00E+00	3.78E-05	3.43E-05	3.41E-05	3.77E-05	3.77E-05	3.78E-05	3.78E-05
1.43E+01	0.00E+00	3.09E-05	2.80E-05	2.79E-05	3.08E-05	3.08E-05	3.08E-05	3.09E-05
1.51E+01	0.00E+00	2.49E-05	2.26E-05	2.25E-05	2.49E-05	2.49E-05	2.49E-05	2.49E-05
1.60E+01	0.00E+00	1.99E-05	1.80E-05	1.79E-05	1.98E-05	1.98E-05	1.99E-05	1.99E-05
1.70E+01	0.00E+00	1.56E-05	1.41E-05	1.41E-05	1.56E-05	1.56E-05	1.56E-05	1.56E-05
1.80E+01	0.00E+00	1.21E-05	1.09E-05	1.09E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05
1.90E+01	0.00E+00	9.27E-06	8.35E-06	8.37E-06	9.25E-06	9.26E-06	9.27E-06	9.27E-06

2.01E+01 0.00E+00 6.98E-06 6.28E-06 6.29E-06 6.96E-06 6.97E-06 6.98E-06 6.98E-06

2.13E+01 0.00E+00 5.17E-06 4.65E-06 4.66E-06 5.15E-06 5.16E-06 5.16E-06 5.17E-06

2.25E+01	0.00E+00	3.76E-06	3.38E-06	3.39E-06	3.75E-06	3.75E-06	3.76E-06	3.76E-06
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2.38E+01	0.00E+00	2.68E-06	2.41E-06	2.42E-06	2.67E-06	2.68E-06	2.68E-06	2.68E-06
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2.52E+01 0.00E+00 1.88E-06 1.68E-06 1.69E-06 1.87E-06 1.88E-06 1.88E-06 1.88E-06

2.67E+01 0.00E+00 1.29E-06 1.15E-06 1.16E-06 1.28E-06 1.29E-06 1.29E-06 1.29E-06

2.82E+01	0.00E+00	8.65E-07	7.74E-07	7.78E-07	8.61E-07	8.63E-07	8.64E-07	8.65E-07
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2.99E+01	0.00E+00	5.67E-07	5.07E-07	5.10E-07	5.64E-07	5.66E-07	5.67E-07	5.67E-07
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3.00E+01	0.00E+00	5.50E-07	4.92E-07	4.94E-07	5.48E-07	5.49E-07	5.50E-07	5.50E-07
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3.16E+01	0.00E+00	3.63E-07	3.24E-07	3.26E-07	3.61E-07	3.62E-07	3.62E-07	3.62E-07
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3.35E+01	0.00E+00	2.26E-07	2.02E-07	2.03E-07	2.25E-07	2.26E-07	2.26E-07	2.26E-07
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3.54E+01	0.00E+00	1.37E-07	1.22E-07	1.23E-07	1.36E-07	1.37E-07	1.37E-07	1.37E-07
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3.75E+01	0.00E+00	8.07E-08	7.18E-08	7.24E-08	8.02E-08	8.05E-08	8.06E-08	8.06E-08
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3.97E+01	0.00E+00	4.61E-08	4.09E-08	4.13E-08	4.58E-08	4.59E-08	4.60E-08	4.60E-08
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4.20E+01 0.00E+00 2.54E-08 2.26E-08 2.28E-08 2.53E-08 2.54E-08 2.54E-08 2.54E-08

4.44E+01	0.00E+00	1.36E-08	1.20E-08	1.22E-08	1.35E-08	1.35E-08	1.36E-08	1.36E-08
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4.70E+01	0.00E+00	6.99E-09	6.18E-09	6.26E-09	6.94E-09	6.97E-09	6.98E-09	6.99E-09
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4.97E+01 0.00E+00 3.46E-09 3.06E-09 3.10E-09 3.44E-09 3.45E-09 3.46E-09 3.46E-09

5.26E+01	0.00E+00	1.65E-09	1.45E-09	1.47E-09	1.63E-09	1.64E-09	1.64E-09	1.64E-09
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5.57E+01 0.00E+00 7.49E-10 6.60E-10 6.70E-10 7.42E-10 7.46E-10 7.48E-10 7.48E-10

5.90E+01 0.00E+00 3.25E-10 2.86E-10 2.91E-10 3.23E-10 3.24E-10 3.25E-10 3.25E-10

6.24E+01	0.00E+00	1.35E-10	1.18E-10	1.20E-10	1.33E-10	1.34E-10	1.35E-10	1.35E-10
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6.60E+01	0.00E+00	5.30E-11	4.64E-11	4.73E-11	5.25E-11	5.28E-11	5.29E-11	5.30E-11
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6.99E+01	0.00E+00	1.98E-11	1.73E-11	1.76E-11	1.95E-11	1.97E-11	1.97E-11	1.97E-11
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7.39E+01	0.00E+00	6.95E-12	6.06E-12	6.18E-12	6.87E-12	6.92E-12	6.94E-12	6.94E-12
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7.82E+01 0.00E+00 2.30E-12 2.00E-12 2.04E-12 2.27E-12 2.29E-12 2.30E-12 2.30E-12

8.28E+01	0.00E+00	7.14E-13	6.20E-13	6.33E-13	7.05E-13	7.10E-13	7.12E-13	7.13E-13
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8.76E+01 0.00E+00 2.07E-13 1.79E-13 1.83E-13 2.04E-13 2.06E-13 2.06E-13 2.07E-13

9.27E+01	0.00E+00	5.58E-14	4.82E-14	4.94E-14	5.50E-14	5.55E-14	5.57E-14	5.57E-14
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9.81E+01	0.00E+00	1.39E-14	1.20E-14	1.23E-14	1.37E-14	1.39E-14	1.39E-14	1.39E-14
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1.00E+02	0.00E+00	8.63E-15	7.44E-15	7.62E-15	8.49E-15	8.57E-15	8.60E-15	8.61E-15
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1.04E+02	0.00E+00	3.21E-15	2.77E-15	2.84E-15	3.16E-15	3.19E-15	3.20E-15	3.21E-15
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1.10E+02 0.00E+00 6.80E-16 5.84E-16 5.99E-16 6.69E-16 6.75E-16 6.78E-16 6.79E-16

1.16E+02 0.00E+00 1.31E-16 1.13E-16 1.16E-16 1.29E-16 1.30E-16 1.31E-16 1.31E-16

1.23E+02	0.00E+00	2.31E-17	1.97E-17	2.03E-17	2.27E-17	2.29E-17	2.30E-17	2.30E-17
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1.30E+02 0.00E+00 3.66E-18 3.12E-18 3.21E-18 3.59E-18 3.63E-18 3.65E-18 3.66E-18

1.38E+02	0.00E+00	5.22E-19	4.43E-19	4.57E-19	5.11E-19	5.16E-19	5.20E-19	5.21E-19
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1.46E+02 0.00E+00 6.65E-20 5.60E-20 5.81E-20 6.49E-20 6.57E-20 6.61E-20 6.63E-20

1.54E+02 0.00E+00 7.51E-21 6.28E-21 6.55E-21 7.31E-21 7.41E-21 7.46E-21 7.49E-21

1.63E+02 0.00E+00 7.46E-22 6.20E-22 6.49E-22 7.25E-22 7.35E-22 7.42E-22 7.44E-22

1.73E+02 0.00E+00 6.48E-23 5.33E-23 5.63E-23 6.28E-23 6.38E-23 6.44E-23 6.47E-23

1.83E+02	0.00E+00	4.89E-24	3.97E-24	4.24E-24	4.72E-24	4.81E-24	4.85E-24	4.87E-24
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1.94E+02 0.00E+00 3.17E-25 2.54E-25 2.74E-25 3.04E-25 3.11E-25 3.14E-25 3.16E-25

2.05E+02	0.00E+00	1.75E-26	1.37E-26	1.51E-26	1.68E-26	1.72E-26	1.74E-26	1.75E-26
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2.17E+02	0.00E+00	8.18E-28	6.19E-28	7.04E-28	7.81E-28	8.01E-28	8.11E-28	8.15E-28
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2.29E+02 0.00E+00 3.17E-29 2.30E-29 2.65E-29 3.02E-29 3.10E-29 3.15E-29 3.16E-29

[illegible]

[illegible]

[illegible]

[illegible]

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3.05E+02      0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00  0.00E+00
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[illegible]


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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]

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

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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	1.06E-03	1.22E-03	1.13E-03	1.11E-03	1.22E-03	1.22E-03	1.22E-03	1.22E-03
1.00E+00	8.19E-04	9.42E-04	8.71E-04	8.55E-04	9.41E-04	9.41E-04	9.42E-04	9.42E-04
1.06E+00	8.07E-04	9.28E-04	8.58E-04	8.43E-04	9.27E-04	9.27E-04	9.28E-04	9.28E-04
1.12E+00	7.94E-04	9.14E-04	8.45E-04	8.29E-04	9.13E-04	9.13E-04	9.13E-04	9.13E-04
1.19E+00	7.81E-04	8.98E-04	8.31E-04	8.15E-04	8.97E-04	8.98E-04	8.98E-04	8.98E-04
1.25E+00	7.67E-04	8.83E-04	8.16E-04	8.01E-04	8.82E-04	8.82E-04	8.82E-04	8.82E-04
1.33E+00	7.52E-04	8.66E-04	8.01E-04	7.86E-04	8.65E-04	8.65E-04	8.66E-04	8.66E-04
1.40E+00	7.37E-04	8.49E-04	7.85E-04	7.71E-04	8.48E-04	8.48E-04	8.49E-04	8.49E-04
1.49E+00	7.21E-04	8.31E-04	7.69E-04	7.55E-04	8.31E-04	8.31E-04	8.31E-04	8.31E-04
1.57E+00	7.05E-04	8.13E-04	7.52E-04	7.38E-04	8.12E-04	8.13E-04	8.13E-04	8.13E-04
1.66E+00	6.88E-04	7.94E-04	7.34E-04	7.21E-04	7.93E-04	7.94E-04	7.94E-04	7.94E-04
1.76E+00	6.71E-04	7.75E-04	7.16E-04	7.03E-04	7.74E-04	7.74E-04	7.74E-04	7.74E-04
1.86E+00	6.53E-04	7.55E-04	6.98E-04	6.85E-04	7.54E-04	7.54E-04	7.54E-04	7.54E-04
1.97E+00	6.35E-04	7.34E-04	6.78E-04	6.66E-04	7.33E-04	7.33E-04	7.33E-04	7.34E-04
2.09E+00	6.16E-04	7.13E-04	6.59E-04	6.47E-04	7.12E-04	7.12E-04	7.12E-04	7.12E-04
2.21E+00	5.97E-04	6.91E-04	6.38E-04	6.27E-04	6.90E-04	6.90E-04	6.90E-04	6.90E-04
2.34E+00	5.77E-04	6.68E-04	6.18E-04	6.06E-04	6.67E-04	6.68E-04	6.68E-04	6.68E-04
2.47E+00	5.57E-04	6.45E-04	5.96E-04	5.85E-04	6.45E-04	6.45E-04	6.45E-04	6.45E-04
2.62E+00	5.36E-04	6.22E-04	5.75E-04	5.64E-04	6.21E-04	6.21E-04	6.21E-04	6.22E-04
2.77E+00	5.15E-04	5.98E-04	5.53E-04	5.42E-04	5.97E-04	5.97E-04	5.97E-04	5.98E-04
2.93E+00	4.94E-04	5.74E-04	5.30E-04	5.20E-04	5.73E-04	5.73E-04	5.73E-04	5.73E-04
3.00E+00	4.85E-04	5.64E-04	5.21E-04	5.11E-04	5.63E-04	5.63E-04	5.63E-04	5.63E-04
3.10E+00	4.72E-04	5.49E-04	5.07E-04	4.98E-04	5.48E-04	5.48E-04	5.49E-04	5.49E-04
3.28E+00	4.45E-04	5.24E-04	4.84E-04	4.75E-04	5.24E-04	5.24E-04	5.24E-04	5.24E-04
3.48E+00	4.06E-04	4.99E-04	4.61E-04	4.52E-04	4.98E-04	4.99E-04	4.99E-04	4.99E-04
3.68E+00	3.62E-04	4.74E-04	4.37E-04	4.29E-04	4.73E-04	4.73E-04	4.73E-04	4.74E-04
3.89E+00	3.12E-04	4.48E-04	4.14E-04	4.06E-04	4.48E-04	4.48E-04	4.48E-04	4.48E-04
4.12E+00	2.59E-04	4.23E-04	3.90E-04	3.83E-04	4.22E-04	4.23E-04	4.23E-04	4.23E-04
4.36E+00	2.06E-04	3.98E-04	3.67E-04	3.60E-04	3.97E-04	3.97E-04	3.97E-04	3.98E-04
4.61E+00	1.18E-04	3.73E-04	3.43E-04	3.38E-04	3.72E-04	3.72E-04	3.72E-04	3.72E-04
4.88E+00	5.17E-05	3.48E-04	3.20E-04	3.15E-04	3.47E-04	3.48E-04	3.48E-04	3.48E-04
5.17E+00	1.24E-05	3.23E-04	2.97E-04	2.93E-04	3.23E-04	3.23E-04	3.23E-04	3.23E-04
5.47E+00	1.91E-08	2.99E-04	2.75E-04	2.71E-04	2.99E-04	2.99E-04	2.99E-04	2.99E-04
5.78E+00	0.00E+00	2.76E-04	2.53E-04	2.50E-04	2.75E-04	2.75E-04	2.76E-04	2.76E-04
6.12E+00	0.00E+00	2.53E-04	2.32E-04	2.29E-04	2.53E-04	2.53E-04	2.53E-04	2.53E-04
6.48E+00	0.00E+00	2.31E-04	2.12E-04	2.09E-04	2.30E-04	2.31E-04	2.31E-04	2.31E-04
6.86E+00	0.00E+00	2.09E-04	1.92E-04	1.90E-04	2.09E-04	2.09E-04	2.09E-04	2.09E-04
7.26E+00	0.00E+00	1.89E-04	1.73E-04	1.71E-04	1.89E-04	1.89E-04	1.89E-04	1.89E-04
7.68E+00	0.00E+00	1.70E-04	1.55E-04	1.54E-04	1.69E-04	1.69E-04	1.69E-04	1.70E-04
8.13E+00	0.00E+00	1.51E-04	1.38E-04	1.37E-04	1.51E-04	1.51E-04	1.51E-04	1.51E-04
8.60E+00	0.00E+00	1.34E-04	1.22E-04	1.21E-04	1.34E-04	1.34E-04	1.34E-04	1.34E-04
9.10E+00	0.00E+00	1.18E-04	1.08E-04	1.07E-04	1.18E-04	1.18E-04	1.18E-04	1.18E-04
9.63E+00	0.00E+00	1.03E-04	9.38E-05	9.30E-05	1.03E-04	1.03E-04	1.03E-04	1.03E-04
1.00E+01	0.00E+00	9.35E-05	8.53E-05	8.45E-05	9.33E-05	9.33E-05	9.34E-05	9.34E-05
1.02E+01	0.00E+00	8.90E-05	8.12E-05	8.05E-05	8.88E-05	8.89E-05	8.89E-05	8.89E-05
1.08E+01	0.00E+00	7.64E-05	6.97E-05	6.91E-05	7.63E-05	7.63E-05	7.63E-05	7.64E-05
1.14E+01	0.00E+00	6.50E-05	5.92E-05	5.88E-05	6.49E-05	6.50E-05	6.50E-05	6.50E-05
1.21E+01	0.00E+00	5.48E-05	4.99E-05	4.96E-05	5.47E-05	5.48E-05	5.48E-05	5.48E-05
1.28E+01	0.00E+00	4.58E-05	4.16E-05	4.14E-05	4.57E-05	4.57E-05	4.57E-05	4.57E-05
1.35E+01	0.00E+00	3.78E-05	3.43E-05	3.42E-05	3.77E-05	3.78E-05	3.78E-05	3.78E-05
1.43E+01	0.00E+00	3.09E-05	2.80E-05	2.79E-05	3.08E-05	3.08E-05	3.08E-05	3.09E-05
1.51E+01	0.00E+00	2.49E-05	2.26E-05	2.25E-05	2.49E-05	2.49E-05	2.49E-05	2.49E-05
1.60E+01	0.00E+00	1.99E-05	1.80E-05	1.79E-05	1.98E-05	1.98E-05	1.99E-05	1.99E-05
1.70E+01	0.00E+00	1.56E-05	1.41E-05	1.41E-05	1.56E-05	1.56E-05	1.56E-05	1.56E-05
1.80E+01	0.00E+00	1.21E-05	1.10E-05	1.09E-05	1.21E-05	1.21E-05	1.21E-05	1.21E-05
1.90E+01	0.00E+00	9.28E-06	8.38E-06	8.37E-06	9.25E-06	9.26E-06	9.27E-06	9.27E-06

2.01E+01 0.00E+00 6.98E-06 6.29E-06 6.30E-06 6.96E-06 6.97E-06 6.98E-06 6.98E-06

2.13E+01 0.00E+00 5.17E-06 4.65E-06 4.66E-06 5.15E-06 5.16E-06 5.16E-06 5.17E-06

2.25E+01	0.00E+00	3.76E-06	3.38E-06	3.39E-06	3.75E-06	3.75E-06	3.76E-06	3.76E-06
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2.38E+01	0.00E+00	2.69E-06	2.41E-06	2.42E-06	2.68E-06	2.68E-06	2.68E-06	2.68E-06
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2.52E+01 0.00E+00 1.88E-06 1.68E-06 1.69E-06 1.87E-06 1.88E-06 1.88E-06 1.88E-06

2.67E+01 0.00E+00 1.29E-06 1.15E-06 1.16E-06 1.28E-06 1.29E-06 1.29E-06 1.29E-06

2.82E+01 0.00E+00 8.65E-07 7.74E-07 7.78E-07 8.62E-07 8.64E-07 8.64E-07 8.65E-07

2.99E+01 0.00E+00 5.67E-07 5.07E-07 5.10E-07 5.65E-07 5.66E-07 5.67E-07 5.67E-07

3.00E+01	0.00E+00	5.50E-07	4.92E-07	4.95E-07	5.48E-07	5.49E-07	5.50E-07	5.50E-07
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3.16E+01	0.00E+00	3.63E-07	3.24E-07	3.26E-07	3.61E-07	3.62E-07	3.62E-07	3.63E-07
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3.35E+01	0.00E+00	2.26E-07	2.02E-07	2.03E-07	2.25E-07	2.26E-07	2.26E-07	2.26E-07
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3.54E+01	0.00E+00	1.37E-07	1.22E-07	1.23E-07	1.36E-07	1.37E-07	1.37E-07	1.37E-07
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3.75E+01 0.00E+00 8.07E-08 7.17E-08 7.24E-08 8.02E-08 8.05E-08 8.06E-08 8.07E-08

3.97E+01 0.00E+00 4.61E-08 4.09E-08 4.13E-08 4.58E-08 4.60E-08 4.60E-08 4.60E-08

4.20E+01	0.00E+00	2.55E-08	2.26E-08	2.28E-08	2.53E-08	2.54E-08	2.54E-08	2.54E-08
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4.44E+01	0.00E+00	1.36E-08	1.20E-08	1.22E-08	1.35E-08	1.36E-08	1.36E-08	1.36E-08
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4.70E+01	0.00E+00	7.00E-09	6.18E-09	6.26E-09	6.94E-09	6.97E-09	6.98E-09	6.99E-09
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4.97E+01	0.00E+00	3.46E-09	3.06E-09	3.10E-09	3.44E-09	3.45E-09	3.46E-09	3.46E-09
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5.26E+01	0.00E+00	1.65E-09	1.45E-09	1.47E-09	1.63E-09	1.64E-09	1.64E-09	1.64E-09
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5.57E+01 0.00E+00 7.49E-10 6.60E-10 6.69E-10 7.42E-10 7.47E-10 7.48E-10 7.49E-10

5.90E+01	0.00E+00	3.26E-10	2.86E-10	2.91E-10	3.22E-10	3.24E-10	3.25E-10	3.25E-10
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6.24E+01	0.00E+00	1.35E-10	1.18E-10	1.20E-10	1.33E-10	1.34E-10	1.35E-10	1.35E-10
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6.60E+01	0.00E+00	5.30E-11	4.65E-11	4.73E-11	5.24E-11	5.28E-11	5.29E-11	5.30E-11
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6.99E+01	0.00E+00	1.98E-11	1.73E-11	1.76E-11	1.95E-11	1.97E-11	1.97E-11	1.97E-11
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7.39E+01	0.00E+00	6.95E-12	6.07E-12	6.18E-12	6.86E-12	6.92E-12	6.93E-12	6.94E-12
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7.82E+01	0.00E+00	2.30E-12	2.00E-12	2.04E-12	2.27E-12	2.29E-12	2.29E-12	2.30E-12
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8.28E+01	0.00E+00	7.14E-13	6.21E-13	6.34E-13	7.04E-13	7.10E-13	7.12E-13	7.13E-13
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8.76E+01 0.00E+00 2.07E-13 1.80E-13 1.84E-13 2.04E-13 2.06E-13 2.06E-13 2.07E-13

9.27E+01	0.00E+00	5.58E-14	4.83E-14	4.94E-14	5.49E-14	5.55E-14	5.56E-14	5.58E-14
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9.81E+01	0.00E+00	1.39E-14	1.20E-14	1.23E-14	1.37E-14	1.39E-14	1.39E-14	1.39E-14
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1.00E+02 0.00E+00 8.63E-15 7.44E-15 7.63E-15 8.47E-15 8.57E-15 8.60E-15 8.62E-15

1.04E+02	0.00E+00	3.21E-15	2.77E-15	2.84E-15	3.15E-15	3.19E-15	3.20E-15	3.21E-15
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1.10E+02 0.00E+00 6.80E-16 5.84E-16 6.00E-16 6.67E-16 6.75E-16 6.78E-16 6.79E-16

1.16E+02 0.00E+00 1.31E-16 1.13E-16 1.16E-16 1.29E-16 1.30E-16 1.31E-16 1.31E-16

1.23E+02 0.00E+00 2.31E-17 1.97E-17 2.03E-17 2.26E-17 2.29E-17 2.30E-17 2.31E-17

1.30E+02 0.00E+00 3.66E-18 3.12E-18 3.21E-18 3.58E-18 3.63E-18 3.65E-18 3.66E-18

1.38E+02	0.00E+00	5.22E-19	4.42E-19	4.57E-19	5.10E-19	5.18E-19	5.20E-19	5.22E-19
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1.46E+02 0.00E+00 6.65E-20 5.60E-20 5.81E-20 6.47E-20 6.59E-20 6.62E-20 6.64E-20

1.54E+02 0.00E+00 7.51E-21 6.28E-21 6.54E-21 7.29E-21 7.43E-21 7.47E-21 7.50E-21

1.63E+02 0.00E+00 7.46E-22 6.20E-22 6.48E-22 7.22E-22 7.38E-22 7.42E-22 7.45E-22

1.73E+02 0.00E+00 6.48E-23 5.33E-23 5.62E-23 6.26E-23 6.41E-23 6.45E-23 6.47E-23

1.83E+02 0.00E+00 4.89E-24 3.96E-24 4.22E-24 4.71E-24 4.82E-24 4.86E-24 4.88E-24

1.94E+02 0.00E+00 3.17E-25 2.52E-25 2.73E-25 3.04E-25 3.11E-25 3.15E-25 3.16E-25

2.05E+02 0.00E+00 1.75E-26 1.36E-26 1.51E-26 1.67E-26 1.72E-26 1.74E-26 1.75E-26

2.17E+02 0.00E+00 8.18E-28 6.19E-28 7.03E-28 7.81E-28 8.01E-28 8.12E-28 8.16E-28

2.29E+02 0.00E+00 3.18E-29 2.31E-29 2.66E-29 3.02E-29 3.10E-29 3.15E-29 3.17E-29

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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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
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[illegible]

[illegible]

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

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

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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
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[illegible]

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[illegible]

[illegible]

Probabilistic results summary : RESRAD Default Parameters

File : C:\USERS\DNF\DOCUMENTS\FT CALHOUN\RESRAD INPUT FILES\SOIL UNCERTAINTY ANALYSIS\FCS SOIL UNCERTAINTY ANALYSIS FE-55.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	1.127E-03
2	0.000E+00	1.127E-03
3	0.000E+00	1.127E-03

Title : RESRAD Default Parameters
Input File : FCS SOIL UNCERTAINTY ANALYSIS FE-55.RAD

Coefficients for peak All Pathways Dose

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

Description of Probabilistic Variable	Sig Coeff	Sig Coeff	Sig Coeff	Sig Coeff
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Contaminated zone erosion rate	2	-0.13	2	-0.04	17	0.00	17	0.00
Contaminated zone b parameter	17	-0.01	17	0.00	15	0.00	15	0.00
Evapotranspiration coefficient	10	-0.02	10	-0.01	9	0.04	9	0.00
Wind Speed	9	-0.02	9	-0.01	3	-0.16	3	-0.02
Runoff coefficient	5	-0.06	5	-0.02	4	0.10	4	0.01
Well pump intake depth	7	-0.04	7	-0.01	14	0.01	14	0.00
b Parameter of Unsaturated zone 1	3	-0.08	3	-0.02	11	-0.03	11	0.00
Mass loading for inhalation	4	0.06	4	0.02	18	0.00	18	0.00
Indoor dust filtration factor	11	0.02	11	0.00	6	0.07	6	0.01
Depth of soil mixing layer	8	0.03	8	0.01	13	-0.02	13	0.00
Depth of roots	1	-0.96	1	-0.96	1	-1.00	1	-0.99
Wet weight crop yield of fruit, grain and non-leafy vegetables	14	-0.01	14	0.00	12	-0.02	12	0.00
Weathering removal constant of all vegetation	15	-0.01	15	0.00	2	-0.18	2	-0.02
Wet foliar interception fraction of leafy vegetables	16	-0.01	16	0.00	16	0.00	16	0.00
Humidity in air	13	0.01	13	0.00	10	0.04	10	0.00
Kd of Fe-55 in Contaminated Zone	12	0.01	12	0.00	8	0.05	8	0.01
Kd of Fe-55 in Unsaturated Zone 1	6	0.05	6	0.01	7	0.05	7	0.01
Kd of Fe-55 in Saturated Zone	18	-0.01	18	0.00	5	0.08	5	0.01

R-SQUARE	0.92	0.92	0.99	0.99
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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 SOIL UNCERTAINTY ANALYSIS FE-55.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC	SRC	PRCC	SRRC
Repetition =	2	2	2	2

Description of Probabilistic Variable	Sig Coeff	Sig Coeff	Sig Coeff	Sig Coeff
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Contaminated zone erosion rate	3	-0.12	3	-0.03	8	-0.05	8	0.00
Contaminated zone b parameter	13	-0.02	13	-0.01	12	0.02	12	0.00
Evapotranspiration coefficient	15	0.02	15	0.01	11	0.03	11	0.00
Wind Speed	14	-0.02	14	-0.01	7	-0.06	7	-0.01
Runoff coefficient	10	0.05	10	0.01	18	0.01	18	0.00
Well pump intake depth	4	-0.11	4	-0.03	15	-0.02	15	0.00
b Parameter of Unsaturated zone 1	7	-0.09	7	-0.02	14	0.02	14	0.00
Mass loading for inhalation	2	0.13	2	0.03	3	0.12	3	0.01
Indoor dust filtration factor	6	0.10	6	0.03	17	-0.01	17	0.00
Depth of soil mixing layer	17	-0.01	17	0.00	9	-0.04	9	0.00
Depth of roots	1	-0.96	1	-0.96	1	-1.00	1	-1.00
Wet weight crop yield of fruit, grain and non-leafy vegetables	18	0.00	18	0.00	5	0.08	5	0.01
Weathering removal constant of all vegetation	9	0.06	9	0.02	2	-0.14	2	-0.01
Wet foliar interception fraction of leafy vegetables	11	0.03	11	0.01	4	0.10	4	0.01
Humidity in air	12	0.03	12	0.01	13	-0.02	13	0.00
Kd of Fe-55 in Contaminated Zone	5	-0.11	5	-0.03	6	0.06	6	0.01
Kd of Fe-55 in Unsaturated Zone 1	16	-0.02	16	-0.01	16	-0.02	16	0.00
Kd of Fe-55 in Saturated Zone	8	0.08	8	0.02	10	0.03	10	0.00

R-SQUARE	0.93	0.93	0.99	0.99
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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 SOIL UNCERTAINTY ANALYSIS FE-55.RAD

Coefficients for peak All Pathways Dose

Coefficient =	PCC	SRC	PRCC	SRRC
Repetition =	3	3	3	3

Description of Probabilistic Variable	Sig	Coeff	Sig	Coeff	Sig	Coeff	Sig	Coeff
Contaminated zone erosion rate	10	-0.04	10	-0.01	4	0.09	4	0.01
Contaminated zone b parameter	7	-0.06	7	-0.02	10	-0.04	10	0.00
Evapotranspiration coefficient	17	-0.01	17	0.00	15	0.01	15	0.00
Wind Speed	6	-0.06	6	-0.02	3	-0.18	3	-0.02
Runoff coefficient	2	-0.09	2	-0.03	16	-0.01	16	0.00
Well pump intake depth	3	0.07	3	0.02	6	0.07	6	0.01
b Parameter of Unsaturated zone 1	14	0.03	14	0.01	12	-0.02	12	0.00
Mass loading for inhalation	15	0.03	15	0.01	8	0.04	8	0.00
Indoor dust filtration factor	13	0.03	13	0.01	7	0.04	7	0.00
Depth of soil mixing layer	11	-0.03	11	-0.01	11	-0.03	11	0.00
Depth of roots	1	-0.96	1	-0.96	1	-0.99	1	-0.99
Wet weight crop yield of fruit, grain and non-leafy vegetables	18	0.00	18	0.00	9	-0.04	9	0.00
Weathering removal constant of all vegetation	4	-0.06	4	-0.02	2	-0.18	2	-0.02
Wet foliar interception fraction of leafy vegetables	12	-0.03	12	-0.01	13	0.02	13	0.00
Humidity in air	16	0.01	16	0.00	17	0.00	17	0.00
Kd of Fe-55 in Contaminated Zone	5	0.06	5	0.02	5	0.08	5	0.01
Kd of Fe-55 in Unsaturated Zone 1	8	-0.04	8	-0.01	14	0.02	14	0.00
Kd of Fe-55 in Saturated Zone	9	0.04	9	0.01	18	0.00	18	0.00
R-SQUARE	0.92		0.92		0.99		0.99	

-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.