Alternate Broookside Resident Scenario - Calculated Doses

Source Term Model Component	Pathway	RESRAD Cs-137 Prob Dose (mrem/y per pCi/g)	RESRAD Cs-137 Prob Dose uncert (mrem/y per pCi/g)	Source Term Cs-137 Conc. (pCi/g)	Source Term Cs-137 Conc. Uncert. (pCi/g)	Cs-137 Dose (mrem/y)	Cs-137 Dose Uncert. (mrem/y)	Co-60 Dose (mrem/y)	Co-60 Dose Uncert. (mrem/y)	Total Cs + Co Dose (mrem/y)	Total Cs + Co Uncertainty (mrem/y)	Cs + Co	Dose
Cont Zone layer 1; 6 in	Total	3.77E-01	2.16E-01	9.80E-01	1.31E+00	3.69E-01	5.37E-01	1.75E-01	1.20E-01	5.44E-01	5.51E-01	Cont zone =>	7.86E-01
Cont Zone layer 2; 9 in	Total	8.82E-02	1.09E-01	1.42E+00	3.19E+00	1.25E-01	3.21E-01	6.72E-02	8.08E-02	1.92E-01	3.31E-01	Elev area =>	3.19E-01
Cont Zone layer 3; 9 in	Total	2.50E-02	7.62E-02	1.20E+00	3.39E+00	3.00E-02	1.25E-01	1.96E-02	5.04E-02	4.96E-02	1.34E-01	Garden =>	2.30E-01
Elev local Area layer 1; 6 in	Total	3.57E-03	2.26E-03	5.78E+01	2.26E+00	2.06E-01	1.31E-01	2.37E-02	1.56E-02	2.30E-01	1.32E-01	Cs Cont zone =>	5.25E-01
Elev local Area layer 2; 6 in	Total	1.06E-03	1.17E-03	7.24E+01	2.77E+00	7.67E-02	8.48E-02	3.56E-03	3.53E-03	8.03E-02	8.48E-02	Cs Elev area =>	2.91E-01
Elev local Area layer 3; 6 in	Total	4.04E-04	8.58E-04	2.05E+01	1.10E+00	8.28E-03	1.76E-02	6.36E-04	1.13E-03	8.92E-03	1.76E-02	Cs Garden =>	1.69E-01
Garden single layer 9 in. thick	Total	1.38E-01	1.36E-01	1.23E+00	1.78E+00	1.69E-01	2.97E-01	6.03E-02	7.78E-02	2.30E-01	3.07E-01	Co Cont zone =>	2.62E-01
Garden single layer 9 in. thick	Plant	4.41E-02	3.24E-01	1.23E+00	1.78E+00	5.41E-02	4.05E-01	5.95E-03	4.80E-03	6.01E-02	4.05E-01	Co Elev area =>	2.79E-02
Total	Total	6.77E-01	2.88E-01			9.85E-01	6.57E-01	3.50E-01	1.73E-01	1.34E+00	6.75E-01	Co Garden =>	6.03E-02
Total	Plant	4.41E-02	3.24E-01			5.41E-02	4.05E-01	5.95E-03	4.80E-03	6.01E-02	4.05E-01		

Source Term Model Component	Pathway	RESRAD Co-60 Prob Dose (mrem/y per pCi/g)	RESRAD Co-60 Prob Dose uncert (mrem/y per pCi/g)	Source Term Co-60 Conc. (pCi/g)	Source Term Co-60 Conc. Uncert. (pCi/g)	Co-60 Dose (mrem/y)	Co-60 Dose Uncert. (mrem/y)
Cont Zone layer 1; 6 in	Total	1.59E+00	9.30E-01	1.10E-01	4.00E-02	1.75E-01	1.20E-01
Cont Zone layer 2; 9 in	Total	4.80E-01	5.08E-01	1.40E-01	8.00E-02	6.72E-02	8.08E-02
Cont Zone layer 3; 9 in	Total	1.40E-01	3.51E-01	1.40E-01	8.00E-02	1.96E-02	5.04E-02
Elev local Area layer 1; 6 in	Total	1.48E-02	9.56E-03	1.60E+00	2.10E-01	2.37E-02	1.56E-02
Elev local Area layer 2; 6 in	Total	5.45E-03	5.28E-03	6.53E-01	1.40E-01	3.56E-03	3.53E-03
Elev local Area layer 3; 6 in	Total	2.21E-03	3.86E-03	2.88E-01	9.00E-02	6.36E-04	1.13E-03
Garden single layer 9 in. thick	Total	4.55E-01	5.68E-01	1.33E-01	4.36E-02	6.03E-02	7.78E-02
Garden single layer 9 in. thick	Plant	4.49E-02	3.31E-02	1.33E-01	4.36E-02	5.95E-03	4.80E-03
Total	Total	2.73E+00	1.25E+00			3.56E-01	1.73E-01
Total	Plant	4.49E-02	3.31E-02			5.95E-03	4.80E-03