Default Composite Worker Soil PRGs

Isotope	Secular Equilibrium Total PRG TR=1.0E-06 (pCi/g)	Parent Only Total PRG TR=1.0E-06 (pCi/g)	Peak PRG Total PRG TR=1.0E-06 (pCi/g)	Characteristic of Parent Decay (half-life)	Peak PRG matches SE?	Peak PRG matches Parent Only
Tc-99	*7.67E+02*	7.67E+02	7.67E+02	Straight to stable (0.211M years)	Yes	Yes
I-129	*9.23E+00*	9.23E+00	9.23E+00	Straight to stable (15.7M years)	Yes	Yes
U-235	*7.31E-02*	3.15E-01	7.31E-02	parent half life longer than all progeny (704M year)	Yes	No
U-238	*2.00E-02*	3.12E+01	2.00E-02	parent half life longer than all progeny (4.47B years)	Yes	No
Th-232	*1.53E-02*	1.70E+01	1.53E-02	parent half life longer than all progeny (14.1B years)	Yes	No
I-131	*1.09E-01*	8.62E+01	8.62E+01	One daughter (0.022 years)	No	Yes
H-3	*1.61E-01*	2.99E-01	2.99E-01	Straight to stable (12.3 years)	No	Yes
Co-60	*1.42E-02*	4.83E-02	4.83E-02	Straight to stable (5.27 years)	No	Yes
Pu-239	*7.27E-02*	1.22E+01	1.22E+01	TRU (24100 years)	No	Yes
Am-241	*8.40E-02*	4.67E+00	4.67E+00	TRU (432 years)	No	Yes
Pu-240	*1.52E-02*	1.23E+01	1.23E+01	TRU (6560 years)	No	Yes
Pu-238	*2.02E-02*	1.41E+01	1.41E+01	TRU (87.7 years)	No	Yes
U-234	*2.03E-02*	2.78E+01	3.42E-02	parent half life longer than all progeny (0.246M years)	Nearly	No
Ra-226	*2.03E-02*	3.05E+00	2.08E-02	long chain (1600 years)	Nearly	No
Ra-228	*1.53E-02*	7.50E+00	4.92E-02	long chain (5.75 years)	Nearly	No
Sr-90	*6.76E+00*	3.84E+01	9.00E+00	One daughter (28.8 years)	Nearly	No
Cs-137	*6.90E-02*	5.71E+01	9.07E-02	One daughter (30.2 years)	Nearly	No
Th-228	*2.38E-02*	1.07E+02	2.16E-01	parent half life longer than all progeny (1.91 years)	Nearly	No
Th-230	*2.03E-02*	1.78E+01	2.20E-02	parent half life longer than all progeny (75400 years)	Nearly	No

Columns F&G makes sense to Caleigh?