Am-241
Cs-137
Co-60
Eu-152
Eu-154
H-3
Pu-239
Ra-226
Sr-90
Th-232
U-235

HPNS RGs are the current building remediation goals used at the Hunters Point site
All PRGs at 1 x 10-4 for residential land use concrete 10x10x10 room size, secular equilibrium for Am-241, Pu-239, Ra-226
BPRGs in columns F and G are from online calculator using default exposure assumptions
ORNL PRGs in column I are from xheet provided on 7-14-20 for corner receptor

HPNS RGs	HPNS RGs	BPRG Ingestion PRGs, default	BPRG Ext. Exposure PRGs, default	ORNL Ext. Exposure PRGs- floor + 6' wall, corner	Ratio of ORNL Ext Exp. PRGs to current RGs
dpm/ 100 cm2	*pCi/ cm2*	*pCi/cm2*	*pCi/cm2*	*pCi/cm2*	
100	0.5	*0.02*	*3.80*	7.2	16
5000	22.5	*0.67*	*10.50*	16.4	0.7
5000	22.5	*0.57*	*3.49*	11.2	0.5
5000	22.5	*0.46*	*2.52*	9.3	0.4
5000	22.5	*0.92*	*3.99*	13.1	0.6
5000	22.5	*348.00*			
100	0.5	*0.02*	*4.80*	6.4	14
100	0.5	*0.01*	*2.03*	3.9	9
1000	4.5	*0.23*	*1610000.00*	192.0	43
36.5	0.2	*0.01*	*0.94*	2.8	17
488	2.2	*0.02*	*4.80*	6.4	3

, Th-232 and U-235, decay at parent half life for Cs-137, Co-60, Eu-152, Eu-154, H-3, Sr-90

Risk Associated with current RG, based on ORNL ext exp PRG, corner, floor + 6' (x 10-4)	Ratio of BPRG Ingestion PRGs to current RGs
0.1	0.04
1.4	0.03
2.0	0.03
2.4	0.02
1.7	0.04
0.1	0.04
0.1	0.01
0.02	0.05
0.1	0.07
0.3	0.01