

1 Table S1. Dose conversion coefficients (DCCs) of radionuclides for squid dose calculation.

Radionuclides	Internal			External	
	β (<10 keV)	β (≥ 10 keV) & γ	α	β (<10 keV)	β (≥ 10 keV) & γ
Ag-110m	0	2.10E-04	0	0	1.40E-03
Cs-134	0	1.90E-04	0	0	8.10E-04
Cs-137	0	1.80E-04	0	0	2.90E-04
U-238	0	0	2.40E-03	0	1.30E-07
Ra-226	0	7.00E-04	1.33E-02	0	9.40E-04
Po-210	0	0	3.10E-03	0	4.40E-09

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4 Table S2. Dose Conversion Factors are from ICRP Pub 119 for members of public (Sv Bq⁻¹).

	ICRP DCF
K-40	6.2E-09
Ag-110m	2.8E-09
Cs-134	1.9E-08
Cs-137	1.3E-08
Ra-226	6.9E-07
U-238	4.5E-08
Po-210	1.2E-06

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