

ERRATUM

## Correction for: Environmental radionuclide concentrations below which non-human biota experience no effects

Radioprotection 44(5), 107–114 (2009) <https://doi.org/10.1051/radiopro/20095025>

S.L. Chouhan<sup>\*</sup>, T.L. Yankovich and P.A. Davis

Canadian Nuclear Laboratories, Chalk River, Ontario, Canada.

Received: 8 October 2019 / Accepted: 16 October 2019

The authors indicated that the units in the first row of [Table 4](#) in the original publication were not placed in the correct column. [Table 4](#) thus must be read as follow. This correction does not change the assertions or the conclusions of the authors.

**Table 4.** Generic radionuclide concentrations below which no radiological effects are expected on non-human biota at Canadian CANDU sites.

Nuclide	Air concentration (Bq/m <sup>3</sup> )	Soil concentration (Bq/kg dry weight soil)	Fresh water concentration (Bq/L water) <sup>‡</sup>	Marine water concentration (Bq/L water) <sup>‡</sup>	Freshwater sediment concentration (Bq/kg dry weight sediment) <sup>†</sup>	Marine sediment concentration (Bq/kg dry weight sediment) <sup>†</sup>
H-3	8.84E+04	*	1.26E+07	1.26E+08	1.26E+07 <sup>†</sup>	1.26E+08 <sup>†</sup>
C-14	1.52E+03	*	8.45E+03 <sup>‡</sup>	8.45E+04 <sup>‡</sup>	8.45E+04 <sup>†</sup>	8.45E+04 <sup>†</sup>
Co-60		2.71E+04	1.92E+03	2.98E+01	1.15E+06	1.79E+04
Sr-90		3.11E+05	6.49E+02	2.28E+03	8.43E+04	2.97E+05
Zr-95		4.34E+04	3.64E+03	2.98E+02	2.18E+07	1.79E+06
Nb-95		2.56E+05	1.07E+02	1.73E+03	1.71E+05	2.77E+06
I-131		5.40E+05	3.50E+02	3.20E+02	2.66E+04	3.20E+03
Cs-134		1.28E+05	3.84E+02	2.47E+03	1.04E+06	6.66E+06
Cs-137		5.33E+04	9.24E+01	2.53E+03	2.49E+05	6.83E+06

\*: In most cases, the air concentrations of HTO and C-14 are available and can be used to ensure the protection of biota. In rare cases where soil concentrations are required, they can be calculated using the specific activity model.

‡: Unit is Bq/g dissolved inorganic carbon in water for C-14.

†: Units are Bq/L of sediment water for HTO; and Bq/g total organic carbon in sediment for C-14.