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External radiation exposure of residents living close to the Mayak facility: main sources, dose estimates, and comparison with earlier assessments

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Equation 3 was presented incorrectly. The correct presentation of the equation is given here.

$$\begin{aligned} A(x) &= \frac{A_0 \cdot w_0}{w(x)} e^{-\sigma(x)} \\ \sigma(x) &= \lambda h \rho \frac{K_d}{Q} \Omega(x) \\ \Omega(x) &= \int_0^x w(y) dy \\ A_0 &= \frac{D_0 \cdot F_w \cdot K_d}{Q} \\ a(x) &= A(x)/K_d \end{aligned} \quad (3)$$

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