# Corrigenda

W. O. DOGGETT and FRED A. BRYAN, Jr., "Theoretical Dose Transmission and Reflection Probabilities for 0.2 - 10.0 MeV Photons Obliquely Incident on Finite Concrete Barriers," *Nucl. Sci. Eng.*, 39, 92 (1970).

Equations (8) and (9) should read as follows:

$$\text{INGL} = \frac{2\pi}{4\pi}\int_0^1 P_T(\cos\theta_0)\,d(\cos\theta_0)/\cos\theta_0$$

$$= (\tfrac{1}{2})E_1(\mu_0 t) + (\tfrac{1}{2})\int_0^1 D_s(\cos\theta_0)\,d(\cos\theta_0)/D_0\cos\theta_0) \qquad (8)$$

$$\text{INGL} = (\tfrac{1}{2})\int_0^1 P_R\,d(\cos\theta_0)/\cos\theta_0 \quad . \qquad (9)$$

The numerical data for INGL in Table I were calculated with the correct formula. The authors would like to thank Mrs. Yoshiko Harima for calling their attention to this point.

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WESTON M. STACEY, Jr., "Variational Estimates of Reactivity Worths and Reaction Rate Ratios in Critical Nuclear Reactors," *Nucl. Sci. Eng.*, **48**, 444 (1972).

In the last terms in Eqs. (58a) and (58b) and in the term on the right side of Eq. (62), the quantity $\phi$ should be replaced by the quantity $\Gamma$.