

**ANS Answers Inquiry on ANSI/ANS-6.4.3-1991 (W2001), Gamma-Ray Attenuation Coefficients and Buildup Factors for Engineering Materials.**  
(Nuclear News, July 2012)

***Inquiry:***

The value ( $9.66 \times 10^{-2}$ ) found in Table 2, Page 13, for the Mass Energy Absorption coefficient corresponding to 0.015 MeV and element Silicon 14 (Row 2, Column Si14) seems to me like an error. It doesn't follow the trend of the rest of values in that column. I would like to know if this value is indeed correct or an error.

***Response:***

The stated value of the mass energy absorption coefficient for  $^{14}\text{Si}$  in Table 2 of ANSI/ANS-6.4.3-1991 (W2001) is  $9.663\text{E-}2$  at 0.015 MeV. This is a typographical error. The correct value should be  $9.663\text{E+}0$  as confirmed by Reference 1 of the standard.