

ERRATUM

Joseph John Bevelacqua
Basic Health Physics: Problems and Solutions
Second Edition
March 21, 2010

Page 140, top reference, right column:

“Wallace, O. J., *WAPD-TM-1196: SPARI –*” should read “Wallace, O. J., *WAPD-TM-1196: SPARI –*” (the “*T*” should be a “*I*”)

Page 178, References, ICRU Report 46:

“*International Commission on Radiation Units and Measurements*” should read “International Commission on Radiation Units and Measurements”

Page 275, Question 13-006, 2nd line:

“surface dose equivalent rate and dose-equivalent rate at” should read “surface dose equivalent rate and dose equivalent rate at”

Page 341, Section 16.2.6, 1st Paragraph, Line 4:

“2.4 rem/h- μ g” should read “2.4 rem/h-mg”

Page 349, Table 16.2:

The edited text has an unnecessary horizontal line.

| | |
|---------------------|------------|
| Total Fusion Power | 500–700 MW |
| Plasma major radius | 6.2 m |

should read

| | |
|---------------------|------------|
| Total Fusion Power | 500–700 MW |
| Plasma major radius | 6.2 m |

Page 353 and 354, Question 16-018, Answers a – e:

In each answer “rem/ μ g-h” should read “rem/h-mg”

Page 434, Eq. 20.4:

“ W_L ” should read “ w_L ” (a lower case w is needed)

Page 450, Question 20-024, Line 2:

Change: “average radon” to “average annual radon”

Page 598, Question 10-008, σ_{diff} = description and equations:

The "=" sign in line 3 of the $\sigma_{\text{diff}} =$ equation list (= 2.40 cpm) needs to be moved to the left and aligned with "=" signs in previous two lines.

Page 636, Question 16-018:

"2.4 rem/ $\mu\text{g}\cdot\text{h}$ " should read "2.4 rem/h-mg"

Page 703, Bi-214 row:

" 5.450 α 5.513" should read " α 5.450 5.513"

Page 737:

Add missing page number 18 to the "Nucleons" entry, "binding energy" sub entry.