ERRATA – Vol 1

1. p. 3-6, 2nd full paragraph, 4th line:

RCRA ~~Subpart~~ Subtitle C . . . .

2. p. 3-21, 4th line, middle of line:

. . . RCRA ~~Subpart~~ Subtitle D landfills.

3. p. 3-23, last paragraph before bullet items, 3rd line, middle of line:

. . . RCRA ~~Subpart~~ Subtitle D disposal facility **. . . .**

p. 3-23, footnote 30:

Although EPA regulations would allow the stabilized dust to be disposed of in a RCRA ~~Subpart~~ Subtitle D (non-hazardous) landfill, these two facilities conform to the requirements of RCRA ~~Subpart~~ Subtitle C for hazardous waste disposal.

4. p. 3-25, Section 3.2.4.2, 1st line below 5 bullet items:

Presumably, the unsold balance of about ~~5.5~~ 7.9 Mt is either recycled to a sinter plant or landfilled after recovery of metal values.

5. p. 3-39, Section 3.6.1.1, last definition following Equation 3.6:

t_s = interval from time scrap is cleared until scenario begins (d)

6. p. 3-40, Section 3.6.1.2, Equation 3.7, change f_{ix} to F_{ix}:

$$D_{ix} = C_{ij} F_{ix} t_{xy} \left(\frac{e^{-\lambda_i t_s} - e^{-\lambda_i (t_s + t_a)}}{\lambda_i t_a} \right) \qquad 3.7$$

7. p. 3-44, Notes to Table 3.10, c:

19 Steel ship: (a) berthing, (b) mess and lounge, ~~(c)~~ (c) operations, (d) deck

8. p. 3-45, Equation 3.10, change t_{dy} to t_{ys}

$$D_{ix} = C_{ig} F_{ix} S_{vx} t_{xd} t_{ys} U_x e^{-\lambda_i t_s} \qquad 3.10$$

Add after last definition:

t_{ys} = exposure duration (d/y)

9. p. 3-61, after equation at top of page:

t_{dw} = time in ~~driver's seat hauling~~ driving with one-way load (h/w)

10. p. 3-74. Section 3.7.6, 1st paragraph, 5th line, middle of line:

. . . RCRA ~~Subpart~~ Subtitle C . . . .

2nd paragraph:

Hazardous waste landfills fall under RCRA ~~Subpart~~ Subtitle C. According to current practices, as discussed in Section 3.2.4.1, EAF dust placed in a ~~Subpart~~ Subtitle C landfill . . . .

11. p. 3-89, 2nd line of Equation 3.39: change K_a to K_{sa}

$$\begin{aligned} dC_{w_i}(\tau) &= C_{ip}(\tau)\, df \\ &= \frac{C_{ig}\, d_g\, f_i'(\tau)\, \rho_g}{\delta_w\, J\, K_{sa}}\, dx \\ &= \frac{C_{ig}\, d_g\, f_i'(\tau)\, \rho_g}{\delta_w\, p_e'\, R_{d_i}'}\, d\tau \end{aligned} \qquad 3.39$$

12. p. 3-94, Section 3.8.1, 1st paragraph, 5th line:

general types of ~~BWR~~ reactor components—rebar, structural steel, and pipe hangers—are judged to be

Delete next to last sentence:

range of sizes. Each size has a different mass-to-surface ratio. ~~Four types of PWR components—the three BWR types plus piping—are judged to be candidates for clearance.~~ The

13. p. 4-19, 1st line:

The mean and the 5th, 50th, 90th, and 95th percentile radionuclide concentrations in the products of . . . .

14. p. 4-20, Table 4.7, last two rows:

Leachate–industrial–~~dross~~slag	Leachate from industrial landfill–slag	mod	IL			●
Leachate–municipal–~~dross~~slag	Leachate from municipal landfill–slag	mod	ML			●

15. p. 4-43, 2nd reference on page:

Gößling, S. 2001. "Entropy Balance of Industrial Copper Production: A Measure for Resource Use: First Results for Flash Smelting, Converting and Refining." http://www.desy.de/~stefang/beschreibung.html (September 13, ~~2000~~ 2002).