| Atomic No. | Radionuclide | Class | Table 1 Occupational Values: Col. 1 Oral Ingestion ALI (μCi) | Table 1 Occupational Values: Col. 2 Inhalation ALI (μCi) | Table 1 Occupational Values: Col. 3 Inhalation DAC (μCi/ml) | Table 2 Effluent Concentrations: Col. 1 Air (μCi/ml) | Table 2 Effluent Concentrations: Col. 2 Water (μCi/ml) | Table 3 Releases to Sewers: Monthly Average Concentration (μCi/ml) |
|---|---|---|---|---|---|---|---|---|
| 47 | Silver-115[2] | D, see $^{102}$Ag | 3E+4 | 9E+4 | 4E-5 | 1E-7 | - | - |
| | | | St. wall (3E+4) | - | - | - | 4E-4 | 4E-3 |
| | | W, see $^{102}$Ag | - | 9E+4 | 4E-5 | 1E-7 | - | - |
| | | Y, see $^{102}$Ag | - | 8E+4 | 3E-5 | 1E-7 | - | - |
| 48 | Cadmium-104[2] | D, all compounds except those given for W and Y | 2E+4 | 7E+4 | 3E-5 | 9E-8 | 3E-4 | 3E-3 |
| | | W, sulfides, halides, and nitrates | - | 1E+5 | 5E-5 | 2E-7 | - | - |
| | | Y, oxides and hydroxides | - | 1E+5 | 5E-5 | 2E-7 | - | - |
| 48 | Cadmium-107 | D, see $^{104}$Cd | 2E+4 | 9E+4 | 2E-5 | 8E-8 | 3E-4 | 3E-3 |
| | | W, see $^{104}$Cd | - | 6E+4 | 2E-5 | 8E-8 | - | - |
| | | Y, see $^{104}$Cd | - | 5E+4 | 2E-5 | 7E-8 | - | - |
| 48 | Cadmium-109 | D, see $^{104}$Cd | 3E+2 | 4E+1 | 1E-8 | - | - | - |
| | | | Kidneys (4E+2) | Kidneys (5E+1) | - | 7E-11 | 6E-6 | 6E-5 |
| | | W, see $^{104}$Cd | - | 1E+2 | 5E-8 | - | - | - |
| | | | - | Kidneys (1E+2) | - | 2E-10 | - | - |
| | | Y, see $^{104}$Cd | - | 1E+2 | 5E-8 | 2E-10 | - | - |
| 48 | Cadmium-113m | D, see $^{104}$Cd | 2E+1 | 2E+0 | 1E-9 | - | - | - |
| | | | Kidneys (4E+1) | Kidneys (4E+0) | - | 5E-12 | 5E-7 | 5E-6 |
| | | W, see $^{104}$Cd | - | 8E+0 | 4E-9 | - | - | - |
| | | | - | Kidneys (1E+1) | - | 2E-11 | - | - |
| | | Y, see $^{104}$Cd | - | 1E+1 | 5E-9 | 2E-11 | - | - |
| 48 | Cadmium-113 | D, see $^{104}$Cd | 2E+1 | 2E+0 | 9E-10 | - | - | - |
| | | | Kidneys (3E+1) | Kidneys (3E+0) | - | 5E-12 | 4E-7 | 4E-6 |
| | | W, see $^{104}$Cd | - | 8E+0 | 3E-9 | - | - | - |
| | | | - | Kidneys (1E+1) | - | 2E-11 | - | - |
| | | Y, see $^{104}$Cd | - | 1E+1 | 6E-9 | 2E-11 | - | - |
| 48 | Cadmium-115m | D, see $^{104}$Cd | 3E+2 | 5E+1 | 2E-8 | - | 4E-6 | 4E-5 |
| | | | - | Kidneys (8E+1) | - | 1E-10 | - | - |
| | | W, see $^{104}$Cd | - | 1E+2 | 5E-8 | 2E-10 | - | - |
| | | Y, see $^{104}$Cd | - | 1E+2 | 6E-8 | 2E-10 | - | - |
| 48 | Cadmium-115 | D, see $^{104}$Cd | 9E+2 | 1E+3 | 6E-7 | 2E-9 | - | - |
| | | | LLI wall (1E+3) | - | - | - | 1E-5 | 1E-4 |
| | | W, see $^{104}$Cd | - | 1E+3 | 5E-7 | 2E-9 | - | - |
| | | Y, see $^{104}$Cd | - | 1E+3 | 6E-7 | 2E-9 | - | - |
| 48 | Cadmium-117m | D, see $^{104}$Cd | 5E+3 | 1E+4 | 5E-6 | 2E-8 | 6E-5 | 6E-4 |
| | | W, see $^{104}$Cd | - | 2E+4 | 7E-6 | 2E-8 | - | - |
| | | Y, see $^{104}$Cd | - | 1E+4 | 6E-6 | 2E-8 | - | - |