| Nuclide | half-life | 30 days after last batch put in pool (Ci) | 90 days after last batch put in pool (Ci) | 1 year after last batch put in pool (Ci) | half-life | half-life (days) | 0 days afte last batch put in pool (Ci) | 30 days af last batch put in pool (Ci) | 90 days af last batch put in pool (Ci) | 1 year after last batch put in pool (Ci) | % off 90 days |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Co-58 | 70.9d | 2.29E+04 | 1.26E+04 | 8.54E+02 | 70.9d | 70.9 | 2.29E+04 | | 1.27E+04 | | -1 |
| Co-60 | 5.3y | 3.72E+05 | 3.15E+05 | 2.85E+05 | 5.3y | 1934.5 | 3.72E+05 | | 3.64E+05 | | -16 |
| Kr-85 | 10.8y | 1.41E+06 | 1.39E+06 | 1.33E+06 | 10.8y | 3942.0 | 1.41E+06 | | 1.40E+06 | | 0 |
| Rb-86 | 18.7d | 1.01E+04 | 1.05E+03 | 3.84E-02 | 18.7d | 18.7 | 1.01E+04 | | 1.09E+03 | | -4 |
| Sr-89 | 50.5d | 8.39E+06 | 3.63E+06 | 8.33E+04 | 50.5d | 50.5 | 8.39E+06 | | 3.68E+06 | | -1 |
| Sr-90 | 28.8y | 1.42E+07 | 1.42E+07 | 1.39E+07 | 28.8y | 10512.0 | 1.42E+07 | | 1.41E+07 | | 0 |
| Y-90 | 28.8y | 1.42E+07 | 1.42E+07 | 1.39E+07 | 28.8y | 10512.0 | 1.43E+07 | | 1.42E+07 | | 0 |
| Y-91 | 58.5d | 1.18E+07 | 5.75E+06 | 2.21E+05 | 58.5d | 58.5 | 1.18E+07 | | 5.80E+06 | | -1 |
| Zr-95 | 64.0d | 1.94E+07 | 1.00E+07 | 5.10E+05 | 64.0d | 64.0 | 1.94E+07 | | 1.01E+07 | | -1 |
| Nb-95 | 35.0d 640d | 2.54E+07 | 1.70E+07 | 1.11E+06 | 35.0d | 35.0 | 2.54E+07 | | 7.74E+06 | | 54 |
| Mo-99 | 2.7d | 1.49E+04 | 3.12E-03 | 0 | 2.7d | 2.7 | 1.49E+04 | | 3.06E-03 | | 2 |
| Tc-99m | 2.7d | 1.49E+04 | 3.12E-03 | 0 | 2.7d | 2.7 | 1.43E+04 | | 2.93E-03 | | 6 |
| Ru-103 | 37.3d | 1.53E+07 | 5.21E+06 | 4.07E+04 | 37.3d | 37.3 | 1.53E+07 | | 5.02E+06 | | 4 |
| Ru-106 | 1.0y | 1.72E+07 | 1.53E+07 | 9.13E+06 | 1.0y | 365.0 | 1.72E+07 | | 1.53E+07 | | 0 |
| Sb-127 | 3.8d 8.21E3 | 1.19E+06 | 1.39E-01 | 0 | 3.8d | 3.8 | 1.19E+06 | | 2.11E+01 | | -15051 |
| Te-127 | 109d | 2.21E+05 | 1.45E+05 | 2.52E+04 | 109d | 109.0 | 2.21E+05 | | 1.51E+05 | | -4 |
| Te-127m | 109d 2.18 | 2.21E+05 | 1.45E+05 | 2.52E+04 | 109d | 109.0 | 2.18E+05 | | 1.49E+05 | | -3 |
| Te-129 | 33.6d | 2.74E+05 | 7.79E+04 | 2.68E+02 | 33.6d | 33.6 | 2.74E+05 | | 7.95E+04 | | -2 |
| Te-129m | 33.6d 4.21 | 2.74E+05 | 7.79E+04 | 2.68E+02 | 33.6d | 33.6 | 4.21E+05 | | 1.22E+05 | | -57 |
| Te-132 | 3.2d | 3.74E+04 | 8.64E-02 | 0 | 3.2d | 3.2 | 3.74E+04 | | 8.51E-02 | | 2 |
| I-131 | 8.0d | 1.22E+06 | 6.35E+03 | 0 | 8.0d | 8.0 | 1.22E+06 | | 6.75E+03 | | -6 |
| I-132 | 3.2d | 3.74E+04 | 8.64E-02 | 0 | 3.2d | 3.2 | 3.85E+04 | | 8.76E-02 | | -1 |
| Xe-133 | 5.2d | 7.29E+05 | 2.30E+02 | 0 | 5.2d | 5.2 | 7.29E+05 | | 2.45E+02 | | -7 |
| Cs-134 | 2.1y | 7.90E+06 | 7.47E+06 | 5.80E+06 | 2.1y | 766.5 | 7.90E+06 | | 7.48E+06 | | 0 |
| Cs-136 | 13.2d | 2.05E+05 | 8.13E+03 | 3.91E-03 | 13.2d | 13.2 | 2.05E+05 | | 8.78E+03 | | -8 |
| Cs-137 | 30.0y | 2.02E+07 | 2.01E+07 | 1.97E+07 | 30.0y | 10950.0 | 2.02E+07 | | 2.01E+07 | | 0 |
| Ba-140 | 12.8d | 5.19E+06 | 1.90E+05 | 6.41E-02 | 12.8d | 12.8 | 5.19E+06 | | 2.02E+05 | | -6 |
| La-140 | 12.8d | 5.19E+06 | 1.90E+05 | 6.41E-02 | 12.8d | 12.8 | 5.97E+06 | | 2.32E+05 | | -22 |
| Ce-141 | 32.5d | 1.32E+07 | 3.61E+06 | 1.03E+04 | 32.5d | 32.5 | 1.32E+07 | | 3.67E+06 | | -2 |
| Ce-144 | 284.6d | 2.64E+07 | 2.27E+07 | 1.16E+07 | 284.6d | 284.6 | 2.64E+07 | | 2.28E+07 | | 0 |
| Pr-143 | 13.6d | 5.44E+06 | 2.41E+05 | 1.90E-01 | 13.6d | 13.6 | 5.44E+06 | | 2.56E+05 | | -6 |
| Nd-147 | 11.0d | 1.54E+06 | 3.36E+04 | 1.10E-03 | 11.0d | 11.0 | 1.54E+06 | | 3.51E+04 | | -5 |
| Np-239 | 2.4d | 5.59E+04 | 2.88E+03 | 2.88E+03 | 2.4d | 2.4 | 5.59E+04 | | 1.67E-03 | | 100 |
| Pu-238 | 87.7y | 4.51E+05 | 4.53E+05 | 4.54E+05 | 87.7y | 32010.5 | 4.51E+05 | | 4.50E+05 | | 1 |
| Pu-239 | 24100y | 8.89E+04 | 8.89E+04 | 8.89E+04 | 24100y | 8796500.0 | 8.89E+04 | | 8.89E+04 | | 0 |
| Pu-240 | 6560y | 1.30E+05 | 1.30E+05 | 1.30E+05 | 6560y | 2394400.0 | 1.30E+05 | | 1.30E+05 | | 0 |
| Pu-241 | 14.4y | 2.29E+07 | 2.27E+07 | 2.19E+07 | 14.4y | 5256.0 | 2.29E+07 | | 2.27E+07 | | 0 |
| Am-241 | 432.7y | 2.88E+05 | 2.94E+05 | 3.21E+05 | 432.7y | 157935.5 | 2.88E+05 | | 2.88E+05 | | 2 |
| Cm-242 | 162.8d | 1.45E+06 | 1.12E+06 | 3.50E+05 | 162.8d | 162.8 | 1.45E+06 | | 1.12E+06 | | 0 |
| Cm-244 | 18.1y | 2.27E+05 | 2.25E+05 | 2.19E+05 | 18.1y | 6606.5 | 2.27E+05 | | 2.26E+05 | | 0 |

4/20/99 (2)