

Acceptable Soil Contamination Levels

| <u>Kind of Material</u> | <u>Soil Concentration Level for unrestricted area</u> |
|---|---|
| i) Natural Uranium (U-238 + U-234) with daughters present and in equilibrium | 10 (pCi/gm of soil) |
| ii) Depleted Uranium or Natural Uranium that has been separated from its daughters Soluble or Insoluble | 35 (pCi/gm of soil) |
| iii) Natural Thorium (Th-232 + Th-228) with daughters present and in equilibrium | 10 (pCi/gm of soil) |
| iv) <u>Enriched Uranium</u> Soluble or Insoluble | 30 (pCi/gm of soil) |
| v) Plutonium (Y) or (W) compounds | 25 (pCi/gm of soil) |
| vi) Am-241 (W) compounds | 30 (pCi/gm of soil) |
| vii) All Byproduct Material | Soil concentrations shall be determined on a case by case basis |
| viii) External Radiation | 10 microroentgens/hr above background measured at one meter from the ground surface |