

## Exemptions pertaining to Byproduct Material

Type of Product/Material	Possession and Use Exempted by 10 CFR Section	Effective date of Regulation
Exempt Concentrations	30.14	1960
Timepieces (watches & clocks)	30.15(a)(1)	1961: H-3 1967: Pm-147
Automobile Lock Illuminators	30.15(a)(2)	1962: H-3 1965: Pm-147
Balances of Precision	30.15(a)(3)	1964
Automobile Shift Quadrants	30.15(a)(4)	1966
Marine Compasses and Navigational Instruments	30.15(a)(5)	1966
Thermostat Dials and Pointers	30.15(a)(6)	1966
Electron Tubes	30.15(a)(8)	1966
Ionizing Radiation Measuring Instruments	30.15(a)(9)	1970
Spark Gap Irradiators	30.15(a)(10)	1978
Synthetic Plastic Resins for Sand Consolidation in Oil Wells	30.16	1967
Exempt Quantities	30.18	1970
Self-Luminous Products (Class Exemption)	30.19	1969
Gas and Aerosol Detectors (Class Exemption)	30.20	1969
Radioactive Drug: C-14	30.21	1998

## Exemptions pertaining to Source Material

Type of Product/Material	Possession and Use Exempted by 10 CFR Section	Effective date
Chemical mixtures, compounds, solutions or alloys containing less than 0.05% source material	40.13(a)	1961
Unrefined and Unprocessed Ore	40.13(b)	1961
Incandescent Gas Mantles	40.13(c)(1)(i)	1947
Vacuum Tubes	40.13(c)(1)(ii)	1947
Welding Rods	40.13(c)(1)(iii)	1961
Electric Lamps for Illuminating Purposes	40.13(c)(1)(iv)	1966
Germicidal Lamps, Sunlamps, and Lamps for Outdoor or Industrial Lighting	40.13(c)(1)(v)	1966
Rare Earth Metals and Compounds	40.13(c)(1)(vi)	1947
Personnel Neutron Dosimeters	40.13(c)(1)(vii)	1977
Glazed Ceramic Tableware	40.13(c)(2)(i)	1947
Piezoelectric Ceramic	40.13(c)(2)(ii)	1970
Glassware	40.13(c)(2)(iii)	1947
Glass Enamel & Glass Enamel Frit	40.13(c)(2)(iv)	1964 <sup>1</sup>
Photographic Film, Negatives & Prints	40.13(c)(3)	1947
Finished Tungsten or Magnesium-Thorium Alloy Products or Parts	40.13(c)(4)	1949 <sup>2</sup>
Uranium Counterweights for Use in Aircraft, Rockets, Projectiles & Missiles	40.13(c)(5)	1960
Uranium as Shielding in Shipping Containers	40.13(c)(6)	1961
Thorium in Finished Optical Lenses	40.13(c)(7)	1963
Thorium in Finished Aircraft Engine Parts	40.13(c)(8)	1967
Uranium in Fire Detection Units	40.13(d)	1964

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<sup>1</sup>The exemption for glass enamel frit was suspended in 1983 and amended in 1984 to exclude further distribution of the product.

<sup>2</sup>An exemption for 3% thorium in thoriated tungsten was issued in 1949 which covered welding rods; it was replaced with the present product specific exemption for welding rods without a concentration limit in 1961.