

From: Adrienne Anderson <a2020@earthlink.net>
Subject:
Date: February 11, 2008 12:21:09 PM MST

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Concentrations of uranium observed in soils during recent studies.

Country Comments

Czech Republic

Ledvina et al. (1996) undertook an analysis of uranium within soils in the former state farm of Trebon in Southern Bohemia which was felt to be potentially contaminated with uranium from a uranium processing plant and from naturally mineralized soils. Concentrations in the range of 14 to 50 mg/kg were observed in the most contaminated soils with an apparent baseline concentration of 2 to 4 mg/kg.

Brazil

Perez et al. (1998) determined the total uranium concentration in the A and B horizons of 15 Brazilian soils and found positive correlation between uranium concentration and the proportion of clay and iron oxides. A range of 0.001 to 2.115 mg/kg and 0.003 to 2.298 mg/kg were observed for A and B horizon soils respectively.