

# **Closure of Lincang Underground Uranium Mine in China.**

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Lincang Uranium Mine is a small mine/mill complex and left 17 adits , 1 inclined shaft and 4 open raises after closure. Among them, 5 adits and the inclined shaft overflowed water, containing radioactive and non-radioactive constituents. The rivers receiving overflowing water indicated radioactive abnormality. All adits and inclined shaft released radon with concentrations of 126~14900Bq/m<sup>3</sup> at the exits.

The adits and inclined shaft with overflowing were flooded by combination of water-proof dam and grouting with heavy curtain, and the other adits were sealed by placing rock walls and open shafts without overflowing were close

All adits, inclined shaft and open raises were permanently closed down after backfilled with loess outside the water-proof dams and rock walls.

All adits and the inclined shaft do not release radon and waste water after closing down.