



Soil Cleanup by Truckload

Soil removal is an important component in the cleanup of Area IV and the Northern Buffer Zone (NBZ). Chemicals and radionuclides in soil are evaluated by two criteria:

- Do they pose a risk for human health?
- Are levels above or below the values set by the AOC?

Under all cleanup options, soils that are above risk-based levels for human health would be removed. The chart below shows the approximate quantity of soil flagged for disposal

under each cleanup alternative using the equivalent number of truckloads required for its removal.

The largest reduction in cancer risk to a future onsite user comes from removal of the soil represented by the red and yellow trucks. Removing these soils reduces risk by 89.4%. There would be an additional 10.3% reduction in risk removing soil in the blue trucks. Removing soil in the green trucks only provides 0.3% additional reduction in risk.

