

BIOPROTA CI-36 Forum

Brief input from
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NRI CI-36 Assessment Work

**NRI is working on post-closure safety
assessment for Deep Geological Disposal**

Dose assessment for those radionuclides which
come to the biosphere.

Four situations considered:-

- farmland,
- well
- highlands
- small lake

Each with different ecology, migration and food chain
pathways

Cl-36 issues

Important pathways for radiation exposure include consumption of milk, meat and vegetables

Main mechanism for loss from soil is uptake to plants and removal by harvesting. (More important than percolation. i.e. very high assumption for root uptake.)