

Receptors and Pathways Summary



Neptune and Company, Inc.



Time Frame and Endpoints

Over a 10,000-yr modeling period...

- Project current conditions/knowledge (NRC PA guidance)
- Estimate annual radiation doses to...
 - Persons who may gain access to the site following loss of institutional control
 - Persons who may be exposed at off-site locations



Exposure pathways and receptors

- **Ranching**

External radiation from soil and air; inhalation of gases and dust; ingestion of beef and soil/dust

- **Recreation**

Same as for Ranching, but substituting game meat

- **Off-Site Locations**

Inhalation exposure at I-70 rest area, I-70 and rail commuters, UTTR access road, Knoll's OHV area

- **Pathway Screening**

Consumption of wild plants, surface water



Dose Assessment Locations

