

- were planning to ship to Idaho
(U.S. Ecology)

didn't have major pockets of
contamination

initially, RF (rad tech) surveys,
to screen out hotter stuff
- very fixed contamination

U-235 ranges 75-206 g / container

uncertainty: [min 20%]

85 rolloff containers have bldg 10 rubble
- still have slab & piping

* would need NRC "exemption" to send to
U.S. Ecology [really 20.2002 plus exemption]
(save \$1/2M vs. Envirocare)

* issue of 20.2002 for non-licenser

11/18/2004

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QUESTIONS FOR UCAR

What is the physical quantity of waste?

Type of container?

Number of containers?

Volume of containers?

Are the containers full?

Are the containers closed/covered?

- 17-1 logistics solution

- 16

- 640 ft³

- mostly full, one just has one item

- sealed typical 15-20,000 lb each

How much U-235 is in the waste?

- have spreadsheet

highest qty is 220 (something) g

In what form is the waste? Soil, concrete, piping, sludge? Solubility?

- most anything some

- PPE, metal, poly, block, roofing,

What is the concentration of the waste?

- can't define

Is the concentration of U-235 homogenous? Are there specific components, materials, or types of waste that contain most of the U-235?

How was concentration and quantity determined? Measurement uncertainty?

- ISOLs, X-spec,

(20%)

- calibration?

How is the material being secured/access controlled?

(mathematical cal.)

What is the origin of the waste?

- remediation & demolition

- fenced site,

- gate closed at night

- 3 shifts working

piping

Are the containers ready for transport?

essentially

no liquid - all dry.

Closed up? Yes

Labeled? not needed

Manifests?

Is there an intended destination?

U.S. Ecology

- 2000 pCi/g criteria per container

(total U)

Bldg 5: a lot of material from: } from roof, few ft of walls } section of it

Bldg 100: - counter tops from met lab - pipes, etc.

N10 of 16 were < 2000 pCi/g

trying to get most weight, etc into the intermodals.