

4/19/99

Evaluate release fractions

1. For spent fuel pool fire, release fractions are given in NUREG/cr-4982 and 6451.

I will be assessing the release fractions

in these 2 NUREG/cr

2. For a spent fuel pool fire, I will be calculating offsite consequences using the MACS code

Calculating offsite consequences using inventories in 4982

- 30 days - fire decay of loss base of fuel
- 90 days
- 1 yr

Consequences evaluated: early fatalities, cancer fatalities, total population dose

Using default values in MACS for

all areas, except:

release fractions

nuclear inventories

6/25