4/19/99

Evaluate release fractions

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

   I will be assessing the release fractions in these 2 NUREG/CRs

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

   Calculating offsite consequences using inventories in 4982
   - 30 days after discharge of last batch of fuel
   - 90 days " " " " " " "
   - 1 yr " " " " " " "

   Consequences calculated: early fatalities
   cancer fatalities
   total population dose

   Using default values in MACCS for all areas, except:
   release fractions
   nuclide inventories

CJS