

TABLE V-19

Radiation Dose Criteria

Evacuation Limits

External Irradiation	10 rem to whole body in 30 years
Inhalation	75 rem to critical organ in 50 years

Farming Restrictions (Short Term)

^{90}Sr	5 rem to bone marrow in first year ^a
^{137}Cs	5 rem to whole body in first year ^a

Farming Restrictions (<1 year)

^{90}Sr	(5 rem to bone marrow in 50 years)/year
^{137}Cs	(1 rem to whole body in 50 years)/year

a. The 50-year dose commitments due to these exposures in the first year are about 25 rem to the bone marrow from ^{90}Sr and 5 rem to the whole body from ^{137}Cs . (Almost all the dose from ^{137}Cs is received in the year in which it is ingested.)