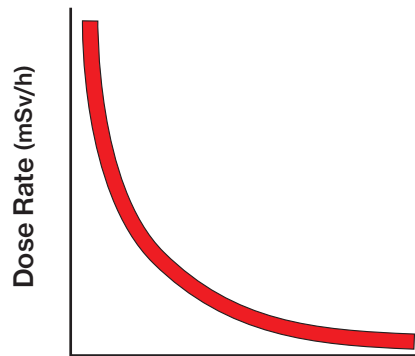
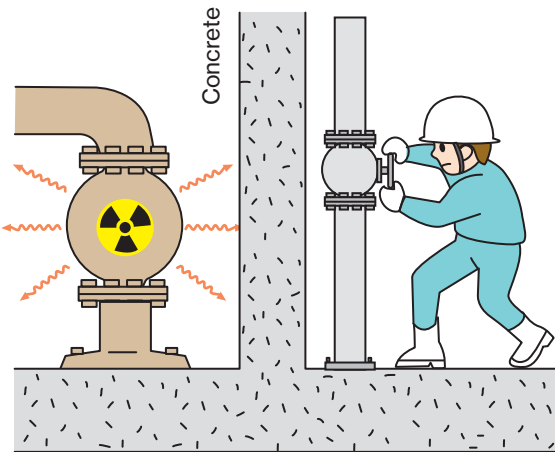


# Basics of Protection from Radiation

## 1. Protection via shielding

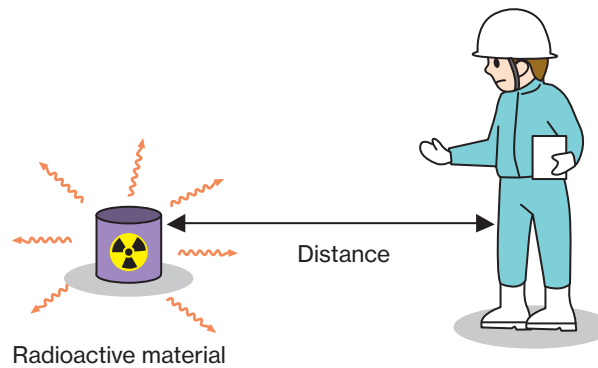
Dose Rate = drops as the shield becomes thicker



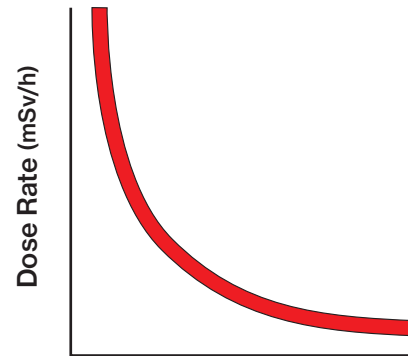
Concrete thickness (cm)

## 2. Protection via distance

Dose Rate = inversely proportional to the distance



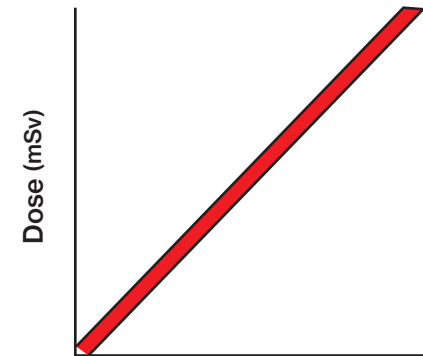
Radioactive material



Distance from radioactive material (m)

## 3. Protection via time

Dose = (dose rate in work zone) X (working hours)



Working hours (h)