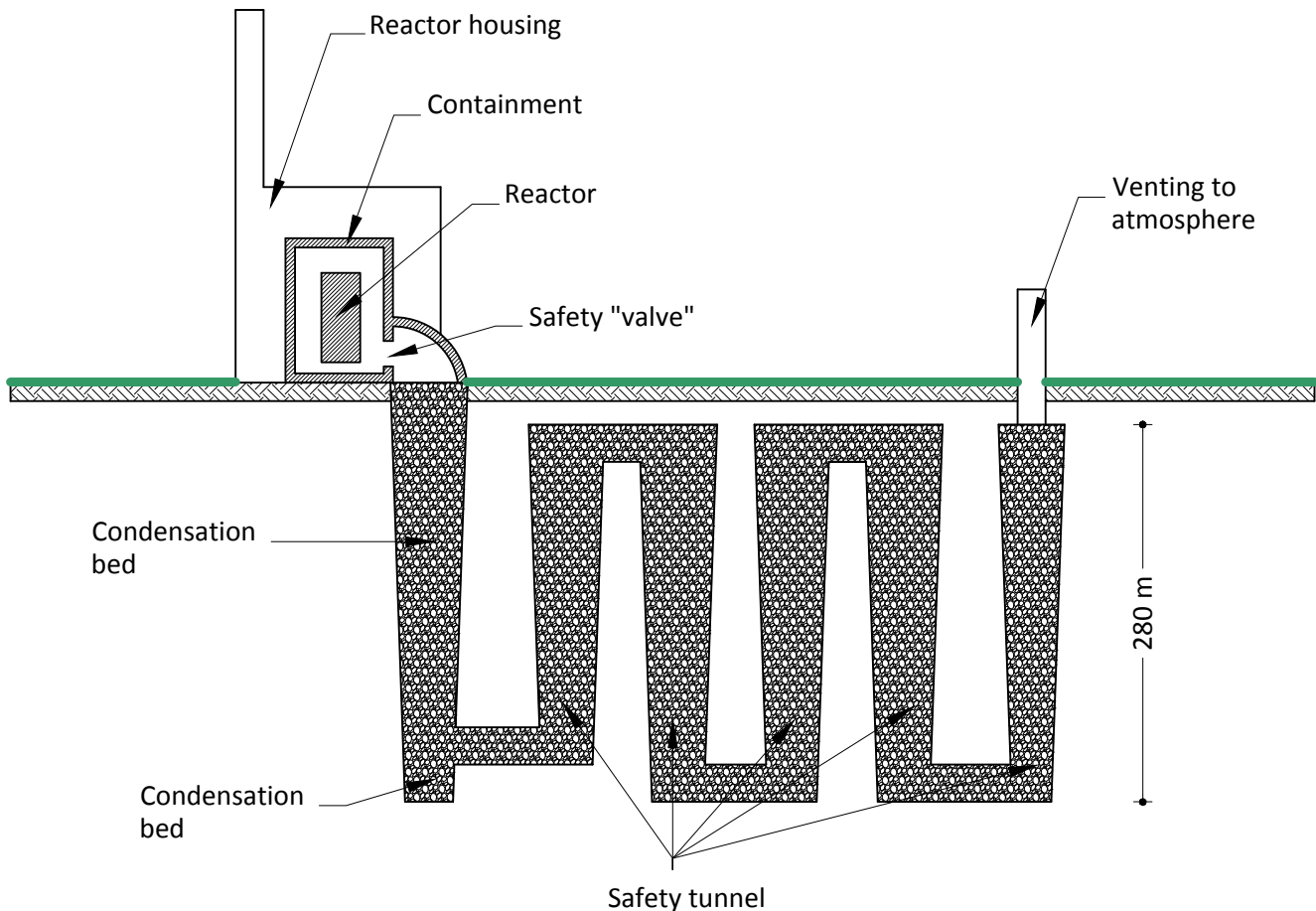


Safety tunnel to contain accidental gas release



The volume of contaminated gas is smaller than the tunnel volume. The contaminated gas will thus never reach the outlet.

No radioactivity can escape.

The tunnel volume has about 40% porosity between the crushed rock fillings. To ensure that there is a security margin, the tunnel is made 130 000 m³.

As an example, a diameter of 10 m and length of 1600 m would suffice. The contaminated front will then arrive slightly past the 1000 m mark and leave 500 m uncontaminated air still in the tunnel.

It should be noted that the tunnel is open to the atmosphere and that no pressure needs to be contained in this tunnel.