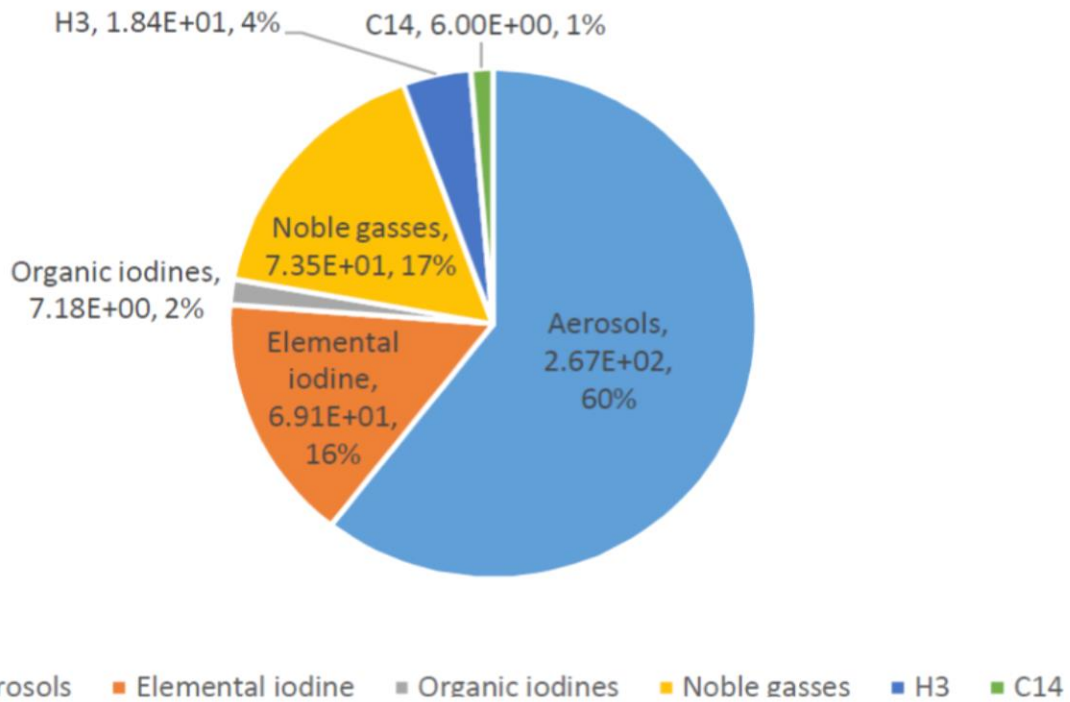DEC-B (Case B)-Dose at the end of release (7days)-1000m

Development of Dose computation code RADCOM

RADCOM (Radiation Dose Computation Model) is a computer program written in Visual Basic programming language.

It Predicts environmental transfer of radionuclides and dose assessment following releases to atmospheric and aquatic system from nuclear installation/facilities.

Salient Features of RADCOM code:

RADCOM (Radiation Dose Computation Model) is a computer program written in Visual Basic programming language.

It Predicts environmental transfer of radionuclides and dose assessment following releases to atmospheric and aquatic system from nuclear installation/facilities.

The model has capability to predict the dispersion of about 114 radioisotopes in atmospheric and aquatic systems.

It can estimate the distance wise concentration profile, concentration of radionuclides in different environmental as well as biological compartments.

It covers all the possible exposure pathways to public and is capable to estimate external and internal dose to members of public (both adult and infant).