



Dose estimation to reference population and members of public

Environmental Surveillance covering an area in the radial zones from 1.6-30 km distance with respect to BARC, Trombay. Radioactivity of anthropogenic origin estimated in local food consumed, mostly fish and salt and dose imparted to the public, over and above the natural background estimated. There are 21 regular monitoring locations. The environmental surveillance carried out from 2007-2017 indicates that radioactivity in different environmental matrices have remained almost at the same levels.

The internal exposure due to consumption of fish and salt for fisherman (representative group) and members of public is orders of magnitude below the maximum annual dose limit set by regulatory authority.