

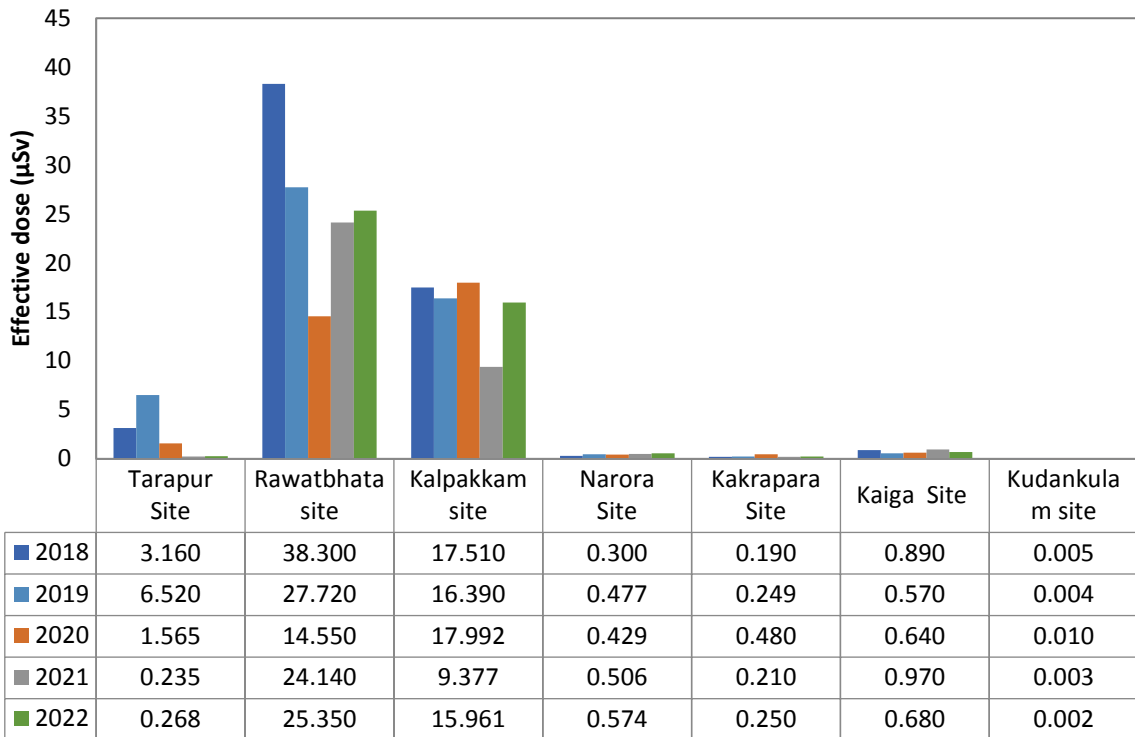
DOSE TO THE PUBLIC IN THE VICINITY OF NUCLEAR POWER PLANTS.

During the operation of NPPs, some radioactivity is released to the environment. The limits for release of radioactive effluents are prescribed for each NPPs in the respective Authorisation issued by AERB under the Atomic Energy (Safe Disposal of Radioactive Wastes) Rules, 1987 and also the Technical Specifications for Operation of NPP. These limits ensure that the dose to public residing around the NPPs is below the specified limit of 1-mSv/yr. The actual release of radioactive effluents is much below the specified limits.

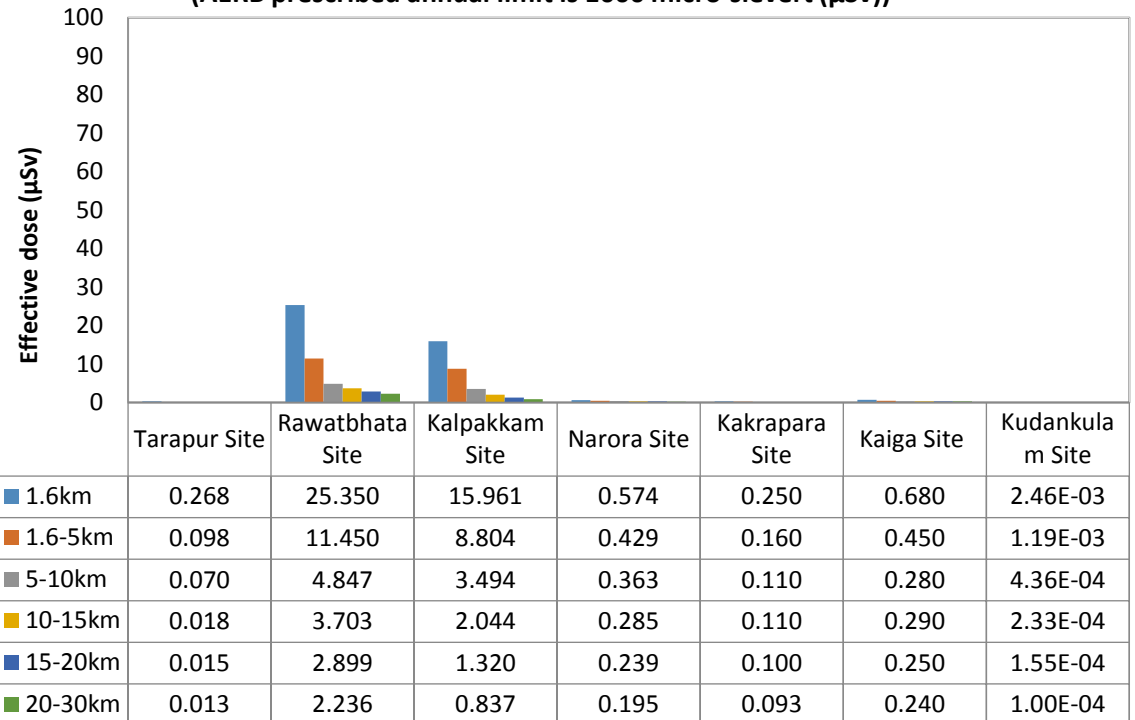
A perspective diagram of radiation exposure to humans and its effects is shown.



**Public dose at 1.6 km distance for Nuclear Power Plants during the year 2022
(AERB prescribed annual limit is 1000 micro-sievert (μSv))**



**Total Effective Dose in different Zones during the Year 2022
(AERB prescribed annual limit is 1000 micro-sievert (μSv))**



Annual Collective Dose (p-Sv) at NPPs (Year 2018-2022)

