

## Radioactive Effluents Discharges from Operating NPPs

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 on radiation exposure and its effects is shown below.



The information of effective dose is given below:

