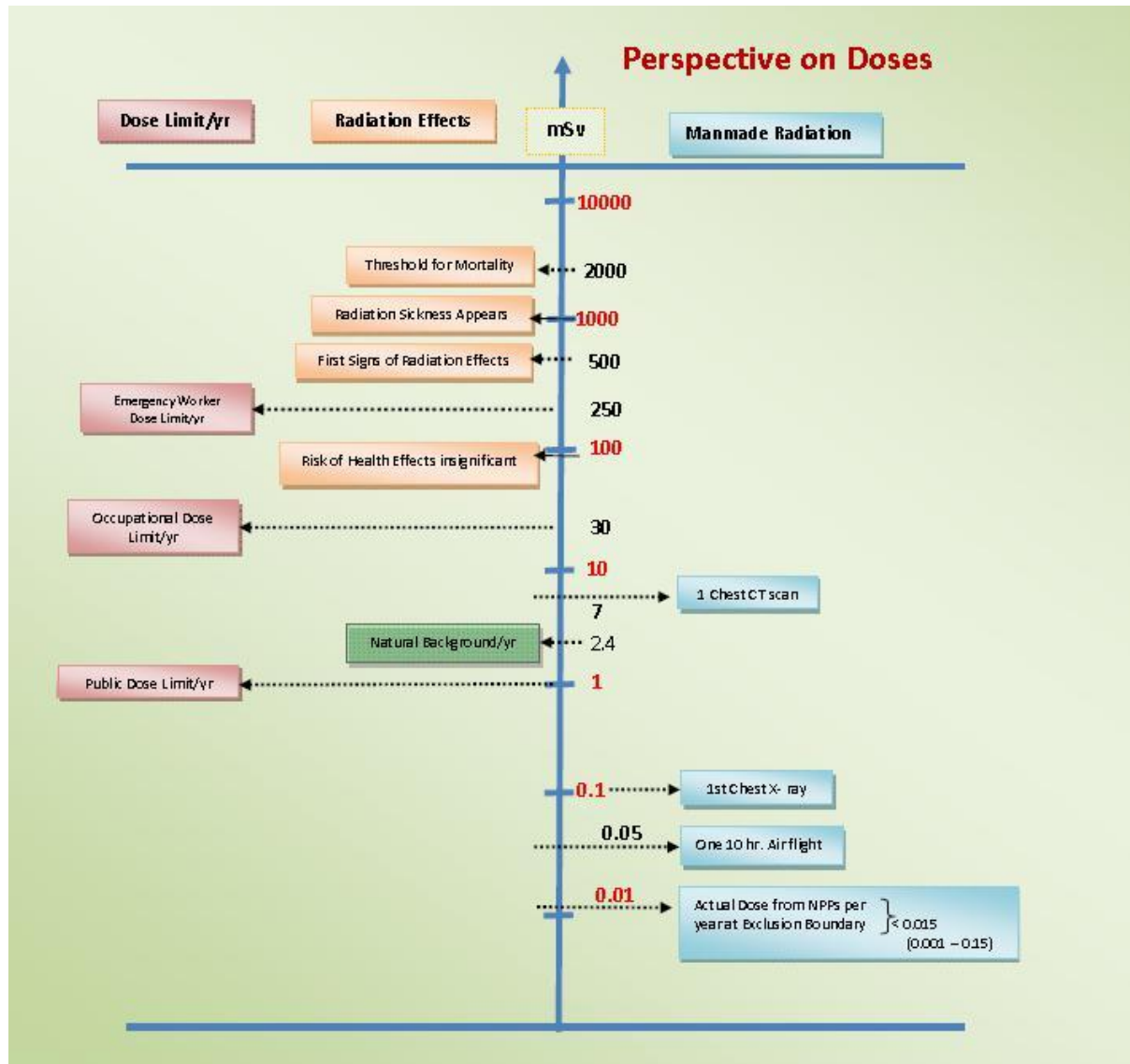


Radioactive Effluents Discharges from Operating NPPs

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. A perspective diagram on dose limit per year and its radiation effects is shown below.



The actual release of radioactive effluents is much below the specified limits. The information of effective dose in year 2016 is given below:

**Total Effective Dose in Different Zones during the Year 2016
(AERB Prescribed Annual Limit is 1000 micro-sievert)**

