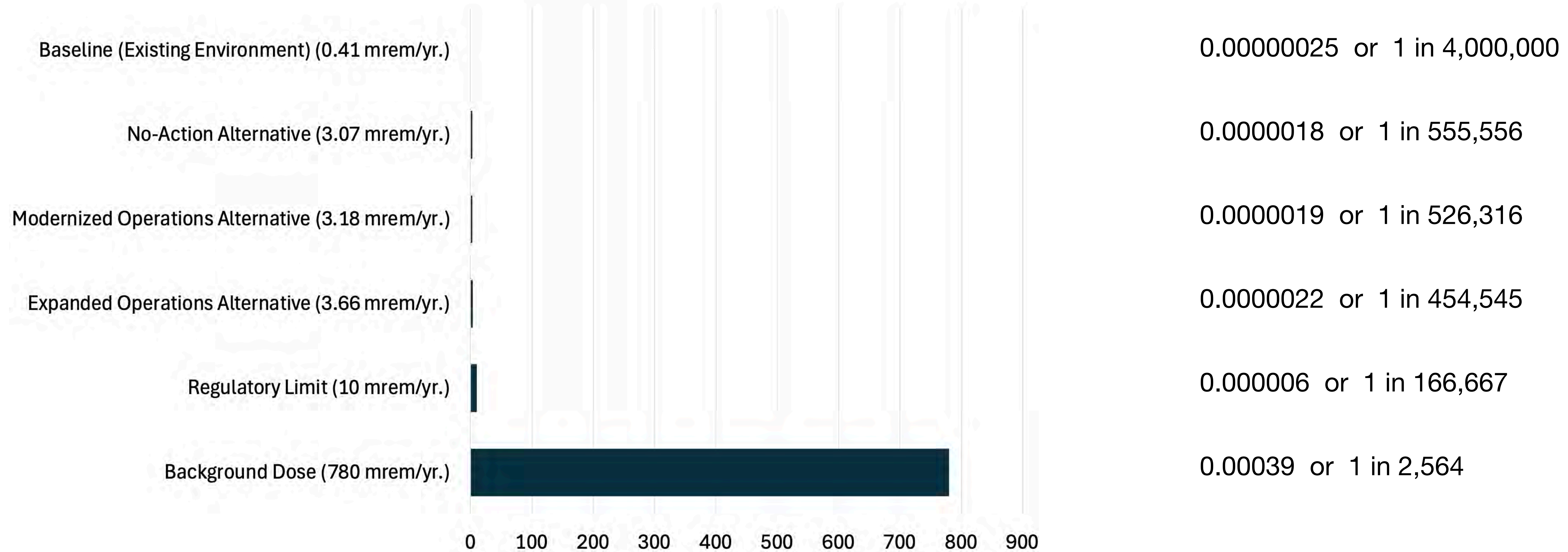


RADIOLOGICAL AIR EMISSIONS

LANL Site radiological air emissions range from the No-Action Alternative (2,753 Curies/year) to the Expanded Operations Alternative (about 3,550 Curies/year) and would not result in significant increases to the annual dose or cancer risk to the maximally exposed individual (MEI).*

Radiation Dose to the Offsite MEI from the Los Alamos Site

Annual Cancer Risk
(latent cancer fatality per year)



Notes:

- **Baseline:** Reflects the average MEI dose for the period 2017 to 2022.
- **MEI:** The location of the hypothetical MEI for peak doses in 2022 was 769 meters north-northeast of LANSCE.
- **Background Dose:** Average annual background dose for individuals in Los Alamos County consists of naturally occurring cosmic radiation from space and from naturally occurring radionuclides in the environment such as radon, medical and dental x-rays, and human-made products. These doses are unrelated to past or current LANL operations.

*The Laboratory could have a one-time release of up to 30,000 curies of tritium from venting flanged tritium waste containers. Doses would remain below the regulatory limit.