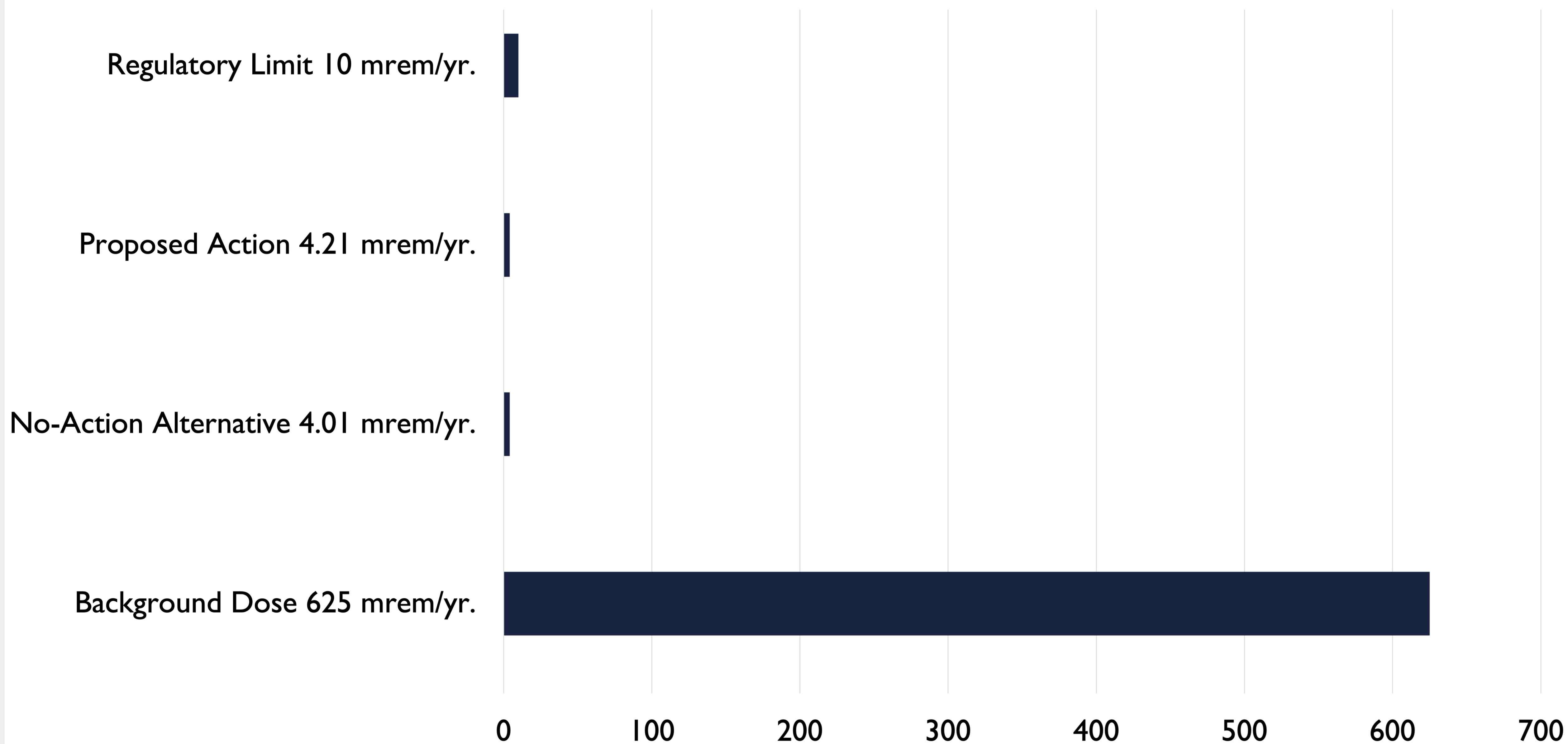


RADIOLOGICAL AIR EMISSIONS

Livermore Site tritium emission operational limits from the No Action Alternative (300 Ci/yr.) to the Proposed Action (3,600 Ci/yr.) do not result in significant increases to the MEI dose or the annual cancer risk.

Radiation Dose to the Offsite Maximally Exposed Individual (MEI) from the Livermore Site



Annual Cancer Risk (LCF/yr.)

Regulatory Limit	0.000006
Proposed Action	0.000025
No-Action Alternative	0.000024
Background Dose	3,000 (in the 50-mile radius of Livermore Site)

- MEI: lifetime dose received by an individual standing ~ 200 ft from fence line location for an entire year (NESHAPs)
- Background Dose: average annual dose for individuals in the United States, consisting of naturally occurring cosmic radiation from space and from naturally occurring radionuclides in the environment, such as radon; medical and dental x-rays, and from man-made products.