Reference Guidelines for Radiation Exposure

(This information is from only one source, do you own research as well)

Average annual human exposure to radiation (U.S.)

600 milliRem (mRem)

6 milliSievert (mSv)

Radiation dose for increase cancer risk of 1 in 1,000

1,250 milliRem (mRem)

12.5 milliSievert (mSv)

Earliest onset of radiation sickness

75,000 milliRem (mRem)

750 milliSievert (mSv)

Onset of radiation poisoning

300,000 milliRem (mRem)

3,000 milliSievert (mSv)

Expected 50% death from radiation

400,000 milliRem (mRem)

4,000 milliSievert (mSv)

CPM numbers in regard to health risk?

Days compared with the avg. annual human exposure (U.S.)

207 (at 100 CPM) 42 (at 500 CPM)

14 (at 1,500 CPM) 2 (at 10,000 CPM)

Days to receive dose for increase cancer risk of 1 in a 1,000

432 (at 100 CPM) 86 (at 500 CPM)

28 (at 1,500 CPM) 4 (at 10,000 CPM)

Days for earliest onset of radiation sickness

25,937 (at 100 CPM) 5,187 (at 500 CPM)

1,729 (at 1,500 CPM) 259 (at 10,000 CPM)

Source: Labo MAZUR usa