07277 EPA Radioactive Sources Infographic Design Proof 05

Examples of radioactive dose

One hour exposure to an unshielded Radioactive Source at 1 metre distance

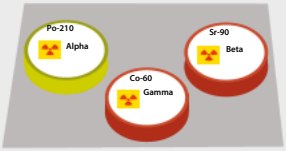
2.470 mSv
Average annual dose of radon gas in Ireland

One hour exposure to a Very High Activity Radioactive Source (Type B cask) at 1 metre distance

0.120 mSv
Return flight from Dublin to Chicago

One hour exposure to a transport accident with a sealed source (outside of cordon) at 30 metre distance

0.100 mSv
Return flight from Dublin to New York



One hour exposure to a sealed radioactive source at 1 metre distance

0.040 mSv
Abdominal x-ray

*Exposure to the radioactive plume following a nuclear accident abroad

0.0008 mSv
Return flight from Dublin to UK

Unit = milisievert, mSv
*Ireland is situated more than 200km from the nearest Nuclear Power Plant