Biological Gender and Ionizing Radiation Harm

Lifetime Risk of Cancer Incidence
(acute exposure between birth and age five)

2 Boys
4 Girls

Lifetime Cancer fatalities among those exposed to ionizing radiation as adults

2 Men
3 Women
Increased Cancer Risk by Age at Exposure to 20 mSv Radiation

Data Source: U.S. National Academy of Sciences BEIR VII Phase 2 Risk Model

Radiation regulation has been based on “Reference Man”