

Update on Causes of Death among 351 Former Nuclear Workers in the United States Transuranium and Uranium Registries

Joey Zhou¹, Stacey L. McComish², Sergei Y. Tolmachev²

¹*Office of Domestic and International Health Studies, U.S. Department of Energy, Washington, DC;*

²*United States Transuranium and Uranium Registries, Washington State University, Richland, WA*

The year 2018 marks 50th anniversary of the United States Transuranium and Uranium Registries (USTUR). Designed as a program to improve radiation protection of nuclear workers, the USTUR studies the biokinetics and internal dosimetry of actinides (uranium, plutonium, and americium) in occupationally exposed Registrants who volunteer portions of their bodies, or their whole bodies, for scientific use posthumously. It is the longest-running domestic radiation health study in the U.S. The causes of death among 260 USTUR Registrants were first reported 20 years ago and this presentation updates the previous publication. It is important to emphasize that the USTUR population is not a representative sample of the U.S. nuclear workers because of the volunteer nature of the Registrants. With a few exceptions, the Registrants died from the same kinds of diseases that affect the U.S. population.

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