

Second Progress Report On Project 2.1: Metabolism and Dosimetry of Plutonium Industrial Compounds

K.G. Suslova⁺. R. E. Filipy⁺⁺. V.F. Khokhryokov. S. A. Romano and R. L. Kathren

Branch No. 1 of the Biophysics Institute Ozersk Road 19. Ozersk. Chelyabinsk Region. Russia. 456780. ⁺⁺United States Transuranium and Uranium Registries Washington State University, Tri-Cities 2710 University Drive, Richland, WA 99352. USA

This is the second progress report resulting from a one-year study to compare data collected by the United States Transuranium and Uranium Registries (USTUR) and the Dosimetry Registry of the Mayak Industrial Association (DRMIA), Russian Federation. Three objectives were addressed in this report; they were:

- To compare existing biokinetic models with actinide metabolism data generated by the USTUR and the DRMIA to evaluate the need for modification of those models;
- To explore methods of utilizing combined DRMIA and USTUR data; and
- To determine unified approaches for addressing the long-term objectives of a continued collaborative research program.

USTUR-0053-96