

Establishment of a Repository Containing Tissues and Organs of Deceased Workers of the MAYAK Industrial Association Exposed to Actinide Elements

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Executive Summary

A detailed inventory of archived tissue materials from an initial 200 autopsy cases stored at FIB-1 was carried out during this feasibility year. In addition, the detailed inventory of soft tissue and bone samples along with occupational, dosimetric, and medical information on tissue donors was collected, cataloged and entered into a new computerized database system. The preservation quality of cellular and subcellular structures of tissues stored in formalin for many years was also examined. Tissue samples from 23 cases were transferred to scientific investigators who were conducting studies within the framework of two DOE-funded projects.

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