
INTELLECTUAL PROPERTY, LICENSING AND STANDARDIZATION OFFICE

In 2003 the activities of the office were conducted in the following areas.

Intellectual Property Protection. Two applications for invention were produced and delivered to the RF Patent Department: «A Method to Obtain Radioisotopes» and «A Method to Obtain Uranium-237 Isotope» (FLNR).

Six positive decisions to deliver a patent were received for the applications handed earlier:

- «A Method of Obtaining Selenium-Containing Medicaments Based on *Spirulina* Biomass», M. Frontasieva et al. (FLNP);
- «A Method of Particle Beam Diagnostics at an Accelerator», I. Meshkov, A. Parfenov, O. Brovko (DLNP, VBLHE);
- «A Method of Acceleration and Focusing of Charged Particles and a Tool for Their Realization», N. Tarantin (FLNR);
- «A Method of Production of an Asymmetric Track Membrane», P. Apel, V. Vutsadakis, S. Dmitriev, Yu. Oganessian (FLNR);
- «A Method of Obtaining a *Spirulina* Medicament Containing Chromium», M. Frontasieva et al. (FLNP);
- «A Generator of Tagged Neutrinos», V. Avdeichikov, V. Bystritsky, V. Kadyshevsky, V. Nikitin, M. Sapozhnikov, A. Sissakian, V. Slepnev.

Patents and Information. In 2003, 108 official patent bulletins of the Russian Federation were acquired at JINR. They were processed with accounting for JINR research topics. Twelve issues of the «Patents» bulletin were produced for JINR departments. The office stock is 1984 RF bulletins.

Standardization. Acquisition of documents was continued that are included in the list of the main legal acts and norms in the field of atomic energy usage by order. Sixty-seven documents were collected to this topic. Standard library was supplemented, 132 changes were inserted into GOSTs. 113 copies of Norm docu-

ments were distributed in the departments for permanent or temporary use.

Together with the Department of Labour Safety, «Requirements for the Training Courses on Labour Safety and Attestation of the Personnel Skills» were revised and prepared for agreement. With the assistance of Frank Laboratory of Neutron Physics, change 3 to STP 100-93 was issued.

Licensing. The following licenses of the State Atomic Inspectorate were obtained: the right to handle radioactive wastes while transporting them; the right to use radioactive sources (facilities which contain radioactive substances); the right to handle radioactive substances while conducting research. An order to introduce these licenses into action was issued.

The following documents for the license acquisition from the State Atomic Inspectorate were prepared:

- Register certificate (together with DRFS) «Use of Precious Metals and Stones (Technical Diamonds) in Research and Experimental Construction Work»;
- License (together with the Project Industrial Department) «Construction of Buildings of Responsibility Levels I and II According to the State Standards»;
- License (together with the Project Industrial Department) «Design of Buildings of Responsibility Levels I and II According to the State Standards»;
- License (together with FLNR) «Space Activities: Experimental Research of Fundamental Properties of Elementary Particles and Space Radiation with Nuclear Physics Methods with Detectors at Space Ships»;
- License for one time only (together with FLNP) «Supplies of Uranium Targets»;
- License re-registered (together with the Experimental Workshop) «Production of Equipment for Research Reactors»;
- License register revised - equipped with a search system and supplemented with acting licenses.