Almost every week in Russia there is news of another terrorist event. In the professional community we are waiting for news that an event could be radiological in nature. We have had the Chernobyl experience and we understand very well that prevention and preparedness are key.
IRS: safety and security problems

- IRS represent an outstanding consequence from the development of nuclear technology;
- IRS are widely distributed and effectively used all over the world;
- In the decades of IRS application, certain problems have appeared in providing their safety and security;
- The potential threat of radiation terrorism has resulted in new challenges in the field of IRS safety.

Of the potential tools for radiation terrorism SNF, RAO, and weapons material IRS are the most effective. Mankind did indeed develop a very good technology.

Application of Radionuclide Sources

Equipment containing radionuclide sources is widely used in different industries, namely:
- Nuclear Power and Engineering,
- Research,
- Metallurgy,
- Geology,
- Mining,
- Meteorology,
- Chemical and Petroleum Industries,
- Medicine and Agriculture.