Course “Peaceful nuclear energy and international mechanisms of nonproliferation and nuclear security “ (Dr. A.Ubeev))

Questionnaire for the Second Written Test (23 October 2019)

1. What is a radiation? Basic sources and units of radiation and main principles of protection;
2. Main principles of nuclear safety and security during the transport of radioactive materials and relevant proliferation risks;
3. Nuclear Legal Framework as the essential element of nonproliferation regime. Basic principles of International Nuclear Law. Examples;
4. Nuclear Safety and Nuclear Security: definitions, common and differences. Measures to be undertaken at nuclear facilities;
5. Multilateral approaches to the Nuclear Fuel Cycle: advantages and concerns. Examples;
6. Evolution of the IAEA Safeguards System and its role in strengthening nonproliferation regime;

*These topics will be divided into three variants (two issues in each)*;

*Duration: up to 45 minutes.*