



**FEDERAL ENVIRONMENTAL, INDUSTRIAL AND NUCLEAR
SUPERVISION SERVICE OF RUSSIA
(ROSTECHNADZOR)**

**Rostechnadzor's interaction on radiation safety and
nuclear security with other regulators in the Russian
Federation to enhance regulatory capabilities**

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Legal Framework for Safety Regulation in the Russian Federation

- **Federal Law «On the Use of Atomic Energy» No. 170-FZ, dated 21.11.1995**
- **Federal Law «On Radioactive Waste Management» No. 190-FZ, dated 11.07.2011**
- **Federal Law «On Radiation Safety of Population» No. 3-FZ, dated 09.01.1996**
- **Federal Law «On Sanitary and Epidemiological Well-Being of the Population» No. 52-FZ, dated 30.03.1999**
- **Federal Law «On Environmental Protection» No. 7-FZ, dated 10.01.2002**

Federal Law No.170-FZ “On the nuclear energy use” establish:

- ✓ general legal and regulatory framework in the field of atomic energy use
- ✓ independence of Regulatory bodies, Regulator’ authority to issue Federal Rules and Regulations, Safety Guides
- ✓ obligatory licensing of all listed in the Law activities
- ✓ risk oriented regulation for different categories of radiation sources (licensing for categories 1 – 3, registration for categories 4 and 5)



Interdependencies in Safety Regulation in the Russian Federation

National Laws and policies

- *The above Federal laws establish overall State policy and Government responsibility in specific areas*
- *Federal Government clarifies responsibilities and functions for the regulatory authorities through Government Decrees that establish statute and mandate for specific authority (e.g. Decree No 401 of 2004 on Statute of Rostekhnadzor).*
- *Neither Law no Decree establish obligatory coordination and/or cooperation of regulators*
- *For nuclear energy use Governmental Decree No 412 of 2006 specifies several independent regulators*



Russian State Safety Regulatory Authorities

Rostechnadzor

**Technical issues of
Nuclear and Radiation
Safety and Security**

EMERCOM of Russia

Fire Safety

FMBA of Russia

Radiation Protection of Personnel

Rospotrebnadzor

Radiation Protection of Population

Ministry of Environment

Environmental Safety



Russian State Safety Regulatory Authorities for radioactive sources

Type of
radiation
source

Containing radioactive
substances



Rostekhnadzor

Regulatory
body



Generating ionizing
radiation



Rospotrebnadzor





Coordination & cooperation of Regulatory bodies

In order for better coordination and cooperation Rostekhnadzor has signed several inter-agency agreements with regulatory bodies:

- Agreement with Federal Medical and Biological Agency of Russia (FMBA) of 2010 on comprehensive regulatory interaction. Separate agreements were signed between territorial departments of these regulators*
- Agreement with “Rosatom” State Corporation of 2014 on exchange of information in case of emergency situation*
- Agreement with EMERCOM of 2015 on comprehensive interaction for safety regulation of nuclear power plants (fire safety)*
- In 2017 Rostekhnadzor also signed an agreement with State Service for Hydrometeorology (Roshydromet) to foster an information exchange on radiation conditions on territory of the Russian Federation*



Coordination & cooperation with FMBA

- ***“Umbrella agreement” of Rostekhnadzor with FMBA gave a way for close interaction of FMBA regional branches with inter-regional departments of Rostekhnadzor which is especially important in case of abnormal events***
- ***Starting from year 2010 more than 20 agreements of cooperation were signed by departments on regional level***
- ***To facilitate inter-agency cooperation the Administrative Regulation for Joint Inspections was approved by Rostekhnadzor and FMBA and registered by Ministry of Justice***
- ***155 joint inspections took place at different facilities from year 2009 till 2018 in accordance with above mentioned agreements and the Administrative Regulation***
- ***More than 400 joint meetings and consultations took place within the same period***

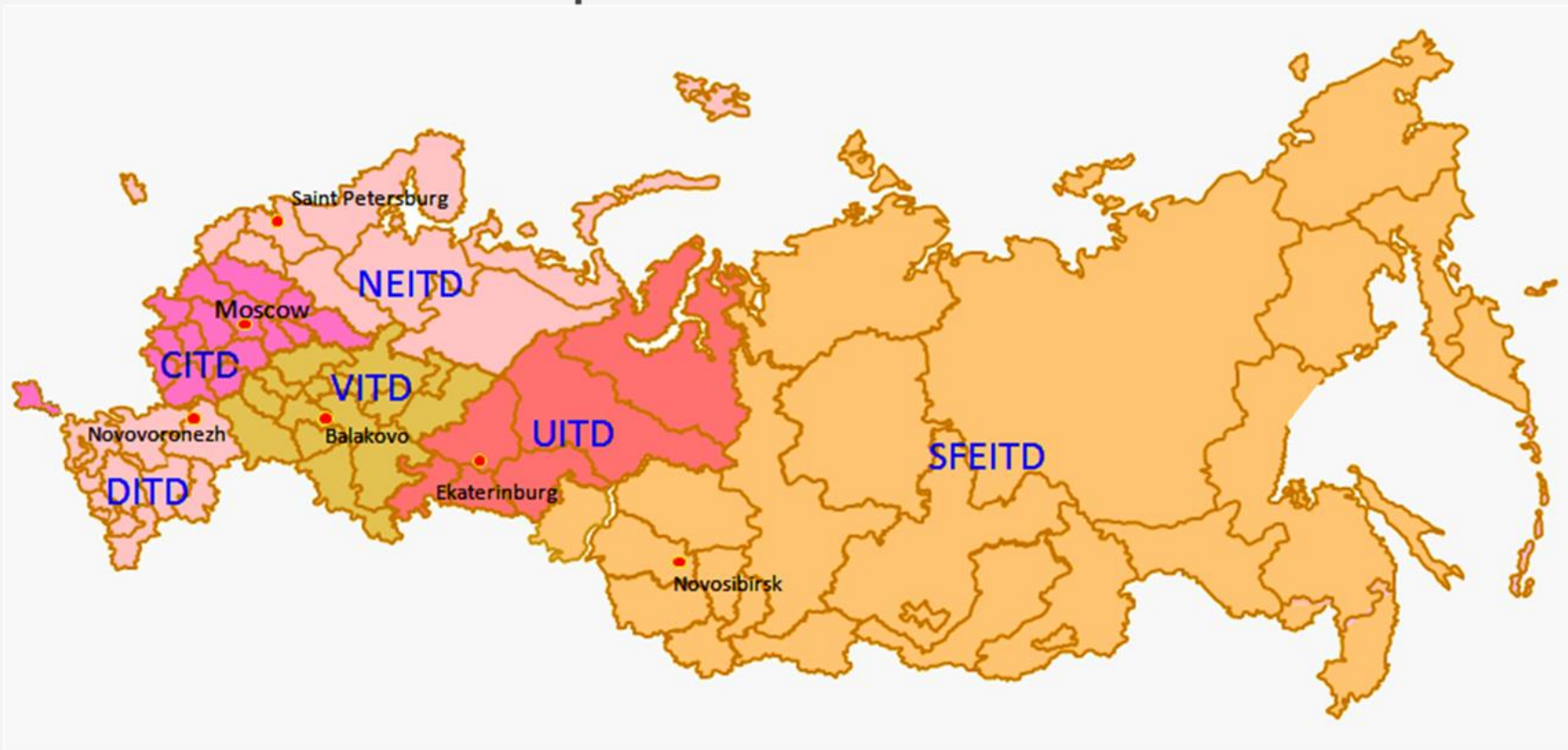


Interregional Territorial Departments of Rostekhnadzor

Central ITD

North-European ITD

Ural ITD



Don ITD

Volga ITD

Siberian and Far-East ITD



Coordination on Physical Protection

- *Rostechndzor establish physical protection requirements, conduct inspections, apply enforcement and interacts with other State authorities in charge of management of security systems at subordinating entities with nuclear facilities, radiation sources and radioactive material and waste*
- *National guards (Federal Agency) are in charge of protection of most hazardous nuclear facilities and nuclear material, establish requirements for technical equipment for physical protection of facilities, guarded by National guards, and conduct inspections*
- *Rostechndzor coordinates regulatory activity with National guards by early exchange of annual plans for inspections for (when and if possible) mutual participation*
- *Nuclear facilities which are protected by National guards are usually inspected jointly by Rostechndzor and National guards*



Coordination on Accounting of Radioactive Material

- *State Atomic Energy Corporation “Rosatom” is in charge for establishing and operation of State accounting system for nuclear and radioactive materials and radwaste on Federal level.*
- *Operators (licensee) are fully responsible for physical protection, control and accounting with timely reporting to Agency’ level and Federal level.*
- *Coordination between Rostekhnadzor and Rosatom State Corporation in this area take place in form of exchange on information on entities handling radioactive materials with analysis of list of reporting operators (Rosatom) and list of authorized operators (Rostekhnadzor).*
- *Rostekhnadzor verifies correctness of reports on radioactive materials. When errors/inconsistencies are identified, the operator is requested to correct report. If the issue was not resolved Rostekhnadzor may apply enforcement actions to the operator (licensee)*



Concluding remark

Russian nuclear regulator Rostechнадzor actively interacts and cooperates with other regulatory bodies and competent authorities in different areas providing efficient state regulation of safety and security in the field of atomic energy use



Thank you for your attention!
www.en.gosnadzor.ru
*(English version of the official web-site
of Rostechнадzor)*