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 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 Rostechnadzor).
- 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

Rostechnadzor

Generating ionizing radiation

Rospotrebnadzor
Coordination & cooperation of Regulatory bodies

In order for better coordination and cooperation Rostechnadzor 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 Rostechnadzor 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 Rostechnadzor with FMBA gave a way for close interaction of FMBA regional branches with inter-regional departments of Rostechnadzor 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 Rostechnadzor 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 Rostechnadzor
Coordination on Physical Protection

• Rostechnadzor 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

• Rostechnadzor 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 Rostechnadzor 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 Rostechnadzor 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 (Rostechnadzor).
- **Rostechnadzor 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 Rostechnadzor may apply enforcement actions to the operator (licensee)
Concluding remark

Russian nuclear regulator Rostechnadzor 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 Rostechnadzor)