



*Federal Environmental, Industrial and Nuclear Supervision
Service of Russia (ROSTECHNADZOR)*



Joint Stock Company “VO “Safety”

NUCLEAR SAFETY KNOWLEDGE PRESERVATION AND TRANSFER. EXPERIENCE OF RUSSIAN REGULATORY BODY ROSTECHNADZOR AND ITS TSO “VO “Safety”

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**TM Managing Nuclear Safety Knowledge –
Approaches and National Experiences**

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INTRODUCTION: Org.chart of ROSTECHNADZOR

HEADQUARTERS

CHAIRMAN

6 Deputy Chairman

Deputy Chairman for Nuclear Supervision

**7
Functional Departments**

**3 Departments
for nuclear and radiation safety
regulation
(120 staff members)**

**6
Departments for Industrial
Supervision**

TERRITORIAL DEPARTMENTS

**6
Interregional Territorial Departments for
Nuclear and Radiation Safety
Supervision
(~1000 staff members)**

**26
Territorial Departments for Industrial
Supervision**

TECHNICAL SUPPORT ORGANIZATIONS

**"Scientific and Engineering
Center for Nuclear and
Radiation Safety"
(~350 staff members)**

**"VO "Safety"
(~700 staff
members)**

**Technical Support
Organizations for
Industrial Supervision**

INTRODUCTION:

Nuclear installations under supervision of Rostekhnadzor



35 operating units of NPP
4 units of NPP (preparation for decommissioning)
1 units of NPP (decommissioning)
7 units of NPP (construction)



17 nuclear fuel cycle facilities
163 research institutes, design organizations, service organizations
13 industrial reactors (1 - final shutdown, 12 - decommissioning)



66 nuclear research installations
67346 sealed sources of ionizing radiation
790 Storage facilities for Radioactive Material and Radioactive Waste



22 objects of nuclear fleet
1 floating power unit (construction)
3 nuclear icebreakers of a new project (construction)

VO "Safety" as a TSO. General information

It was established by Gosatomnadzor of Russia Order No.93 dated September 8, 1993.
According to the Government decree of the Russian Federation No.192 dated 07.04.2004
the enterprise reports directly to Rostechнадзор.

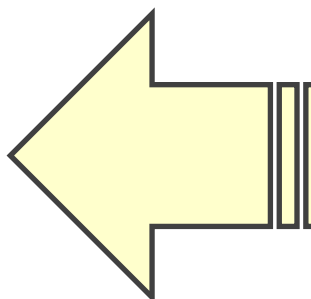
**More than 23 years for Nuclear
Safety**



VO "Safety"

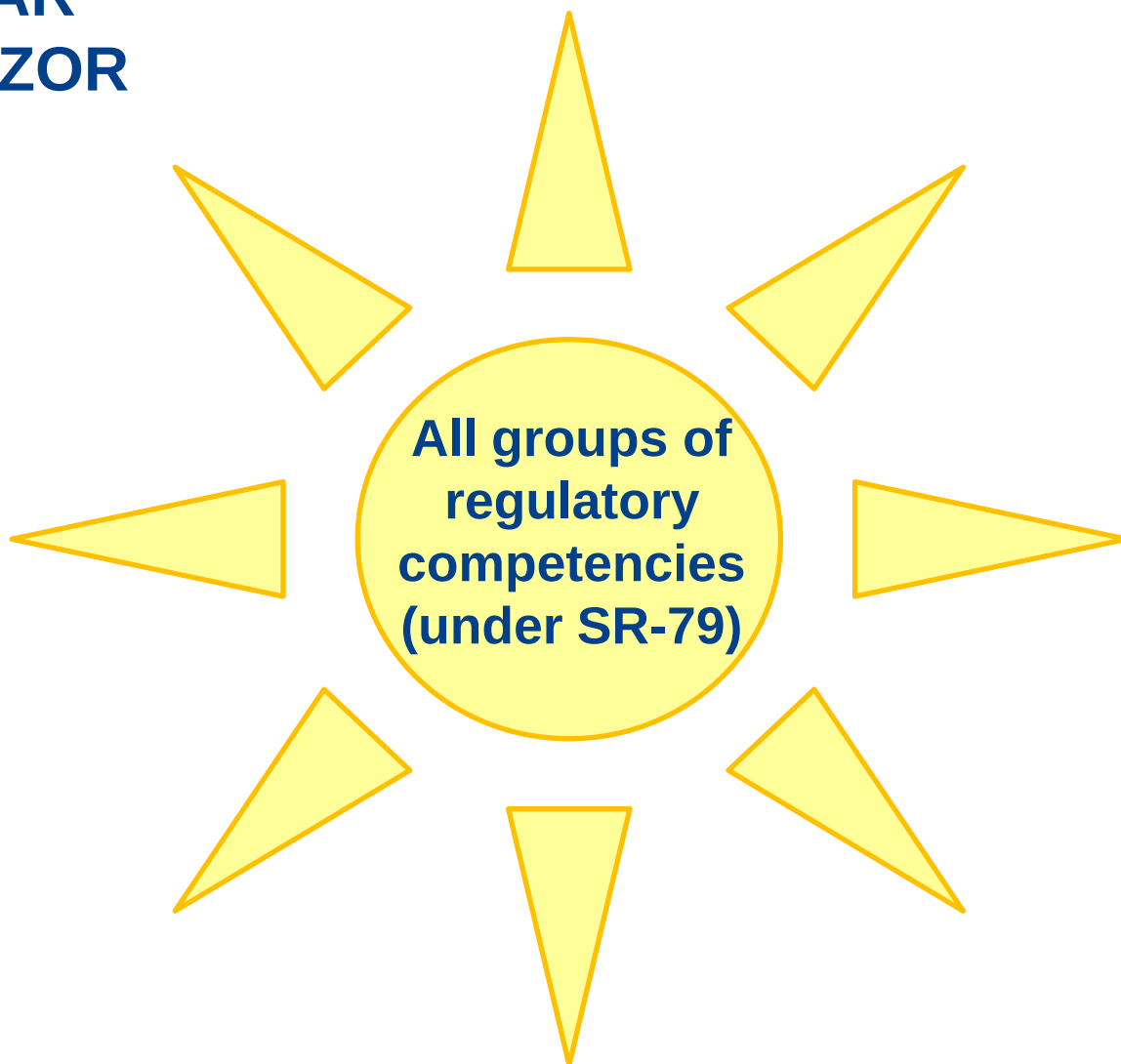


ROSTECHNADZOR



NS knowledge preservation

COMPREHENSIVE MODULAR PROGRAM of ROSTECHNADZOR



NS knowledge preservation

COMPREHENSIVE MODULAR PROGRAM of ROSTECHNADZOR

Module 1. Global nuclear safety regime. International approaches and practice.

Module 2. System of state nuclear safety regulation in the Russian Federation.

Module 3. Technological processes and VVER NPP design. General information.

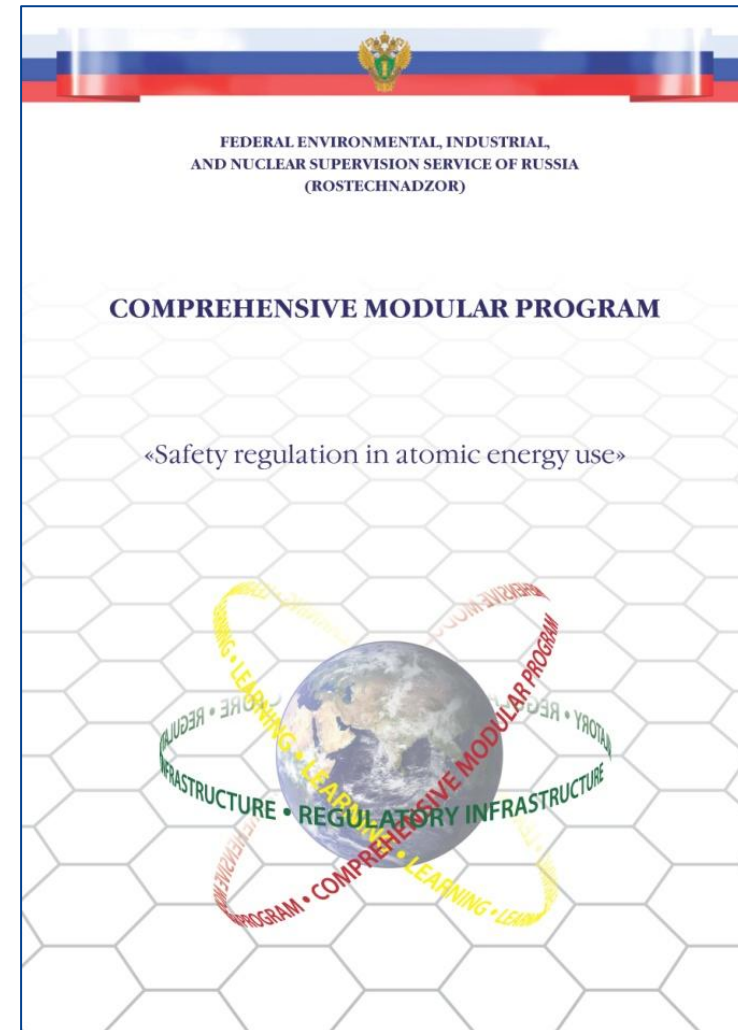
Module 4. Safety regulation at NPP life-cycle stages.

Module 5. Safety regulation of nuclear facilities (except for NPPs).

Module 6. Safety regulation of separate types of activities in the field of atomic energy use.

Module 7. Assessment of nuclear installation safety.

Module 8. Technical visits.



NS knowledge transfer

Legal base for E & T :

- VO
Safety
Statute

- license

- programs

**Education &
Training activity**



NS knowledge transfer

Since 2011 “VO “Safety” has been providing trainings for specialists from countries embarking on Nuclear Power Programme



Belarus



Turkey



Egypt



Iran



Vietnam



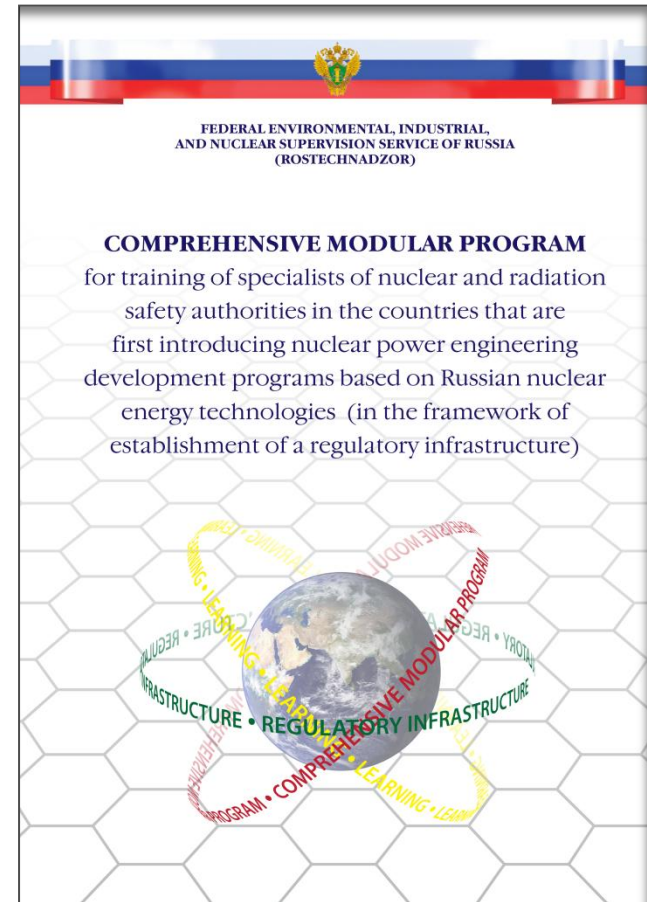
Bangladesh



Jordan



Pakistan



NS knowledge transfer

The training program was arranged in an efficient manner, the training course included both theoretical and practical parts, as well as technical visits to an NPP fuel fabrication enterprise, the NVNPP-2 construction site, operating Units



NS knowledge transfer





Thank you for your attention!