Training and additional professional education of the specialists in the field of nuclear security in RF

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Introduction

“Rosatom Technical Academy”
(Rosatom Tech)
(united training center)

Institute for Global Nuclear Safety & Security (GNSSI)

Rosatom Central Institute for Continuing Education &Training
Structure of Rosatom Technical Academy - Rosatom Tech (established in October 2017)

Integrated Structure of Rosatom Technical Academy

- **ROSATOM CICE&T**
  - (training the industry organizations)

- **Institute for Global Nuclear Safety & Security**
  - (training the industry organizations on NS)

- **Personnel Resource Center**
  - (staffing and training of NPP operating personnel)

- **International Center for Personnel Training**
  - (personnel training for nuclear infrastructure and new businesses)

Locations:
- **Obninsk**
- **St. Petersburg branch**
  - Rosatom Tech
- **Moscow branch**
  - Rosatom Tech
- **Ural branch**
  - Rosatom Tech
- **Novovoronezh branch**
  - Rosatom Tech
- **Leningrad branch**
  - Rosatom Tech
- **Smolensk branch**
  - Rosatom Tech

- Operating
  - Planned from 2018

- Planned from 2019
Rosatom Tech Geographical Locations

- Rosatom Technical Academy
- Operating branches
- Planned branches
Mission:
Increase professional competencies of personnel in the global sphere of nuclear technology to meet the goals of sustainable development worldwide.

Activity area:
- training and additional professional education of specialists from ROSATOM and its organizations in the field of nuclear energy;
- training and additional professional education of specialists from ROSATOM and its organizations, federal executive authorities, military departments and other organizations on programs of additional professional education in the field of physical protection of nuclear facilities and in the field of ensuring integrated global security;
- training and advanced professional education of nuclear infrastructure personnel, contractors’ personnel, operating personnel of NPP and other industrial facilities being built abroad;
- selection, preparation and maintenance of personnel qualification for operating organizations in accordance with the Federal Law "On the Use of Atomic Energy".
GNSSI cooperation

State Atomic Energy Corporation "Rosatom"

Nuclear Energy Industry

GNSSI

International Cooperation

IAEA

“CIS-ATOM” Commission

Ministries and Federal Authorities of the Russian Federation

Federal Security Service
Department of the Interior
Defense Ministry
FSTEC
«ROSTECHNADZOR»
Emergency Situations Ministry
Federal Biomedical Agency
Ministry of Education
«ROSSTAT»
Ministry of Industry and Trade

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Training of NS Personnel in the Russian Federation

The following is taken into account during training activities:

- Regulatory documents;
- Organization structure;
- Modern requirements to training.

Systematic approach to training!
Directions of training Russian PP specialists

- Organization of and ensuring PP of nuclear facilities/sites
- Analytical activities in PPS area
- Operation/maintenance of PP engineering and technical means complexes
- Activities of nuclear site protective forces
- PPS inspections

Summary more than 30 training programs.

More than 600 specialists are trained each year.
The following training facilities are available:

- Classrooms for theoretical classes
- Computer classrooms
- Training laboratories with equipment for practical training
- Outdoor areas with PP systems equipment
- Training areas for protective forces

These are just some key resources since in previous years in my reports I described GNSSI resources in details.
896 Participants from 54 countries

Europe
Sweden, Germany, France, Spain, Poland, Switzerland, Czech Republic, Slovakia, Hungary, Lithuania, Bulgaria, Serbia, Slovenia, Romania

CIS
Russia, Ukraine, Kazakhstan, Belorussia, Armenia, Azerbaijan, Kyrgyzstan, Uzbekistan, Tajikistan, Moldova

Asia
China, Japan, South Korea, Pakistan, Vietnam, Bangladesh, Mongolia, Malaysia, Thailand, India, Indonesia

MENA
Turkey, Tunisia, Morocco, Egypt, Iran, Iraq, UAE, Jordan

Africa
Namibia, Kenya, South Africa, Ghana, Nigeria, Congo

North America
USA, Canada, Mexico

Latin America
Argentina, Brazil, Peru

Australia
Prospects for the GNSSI Development

1. Participation in NSSC and INSEN;
2. Participation in the consideration of IAEA guidance documents;
3. Training of specialists for the purposes of IAEA INSServ and IPPAS missions;
4. Organization of conferences, workshops;
5. Carrying out research and development, advisory and methodological activities;
6. Implementation by the Russian Federation of the fundamental principles of the CPPNM;
7. Exchanging best practices of Russian and foreign specialists in nuclear security area;
8. Demonstration and dissemination of advanced ideas and technologies in the field of nuclear security.
Thank you for attention!