

In Gosatomnadzor since 2008



Education: **Belarusian State University (1985 )**

Specialty: «*Physics*»

*Courses and seminars by IAEA, European Commission, educational institutions of the Russian Federation on nuclear and radiation safety Internships and scientific visits to the regulatory authorities of the Russian Federation, Hungary, Ukraine, Bulgaria, Finland.*

Work experience in the field of nuclear and radiation safety: **27 years**

**Republican center for hygiene, epidemiology and public health**  
– 15 years;

**Gosatomnadzor** – 12 years

Field of activity :

**regulation of radiation safety** of nuclear installations;

**development of regulatory legal acts**, norms and rules to ensure nuclear and radiation safety;

**control over the development and implementation of protective measures** to ensure the safety of personnel and the public in the event of nuclear or radiation accidents.

**Member of the National Commission for Radiation Protection under the Council of Ministers of the Republic of Belarus**

**Antonova Victoria**

***Head of Radiation Safety  
Regulation Department***



DEPARTMENT FOR NUCLEAR AND RADIATION SAFETY OF THE MINISTRY FOR  
EMERGENCY SITUATIONS OF THE REPUBLIC OF BELARUS (GOSATOMNADZOR )

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# RADIATION SAFETY REGULATION

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***Viktoriya Antonova,***  
*Head of the Radiation Safety Regulation Division*

Minsk  
8-9 February 2022



# RADIATION SAFETY

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- Staff, public and environment protection
- Radiation control and radiation monitoring
- Radioactive waste management
- Emergency preparedness and response

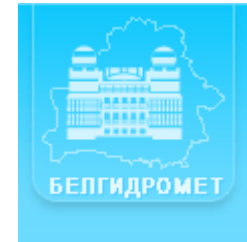


# REGULATORY REQUIREMENTS

## *Resolution of the Ministry for Emergency Situations*

*June 30, 2016 № 29*

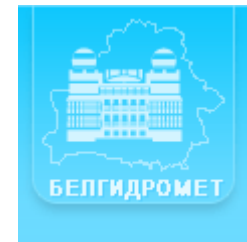
"Safety of nuclear power plants within the sanitary protection zone and the surveillance zone. Requirements for organization and provision of radiation monitoring"



## *Resolution of the Ministry for Emergency Situations*

*April 12, 2017 № 11*

"Safety of nuclear power plants in case of nuclear and (or) radiological emergency. Requirements for planning and provision of radiation monitoring".



## *Resolution of the Ministry for Emergency Situations*

*August 21, 2017 №38*

"Requirements for the categorization of emergency planning in the case of a nuclear and (or) radiological emergency".





# INFORMATION AND ANALYTICAL CENTER OF GOSATOMNADZOR

- 24/7 duty of IAC working groups specialists
- Permanent control over technological and radiation parameters of the Belarusian NPP
- Monitoring of the emergency drills at the Belarusian NPP
- Independent radiation control



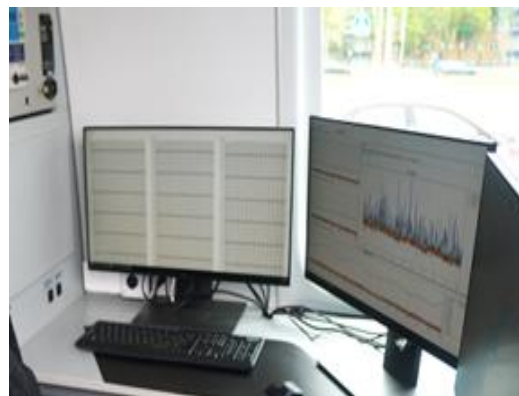
*Scientific Technical Center for  
Nuclear and Radiation Safety*



# INDEPENDENT RADIATION CONTROL



European  
Commission



**Scientific Technical Center for  
Nuclear and Radiation Safety**



# INDEPENDENT RADIATION CONTROL





**2017**

## Development of the information and analytical center of Gosatomnadzor:

- Recommendations for equipment and software
- Recommendations for evaluating the effectiveness of emergency drills and exercises



**2020**

## Regulatory control of liquid and airborne radioactive discharges:

- Developing and setting of liquid and airborne radioactive discharge limits
- Emergency radioactive discharges

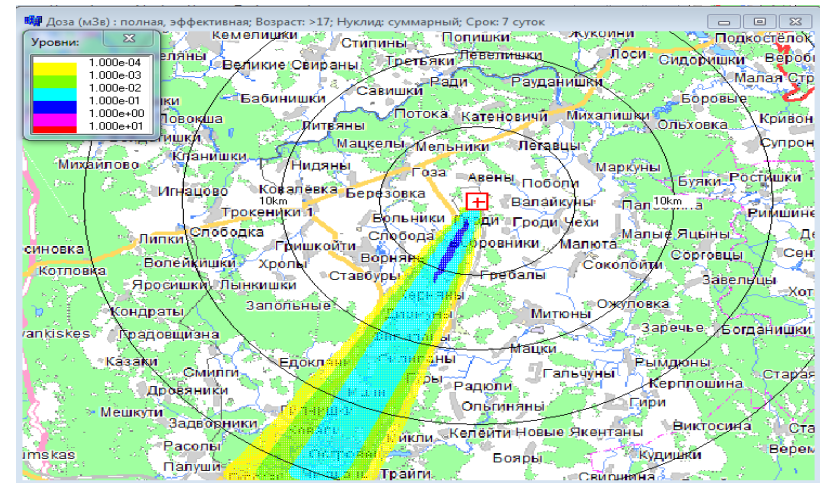
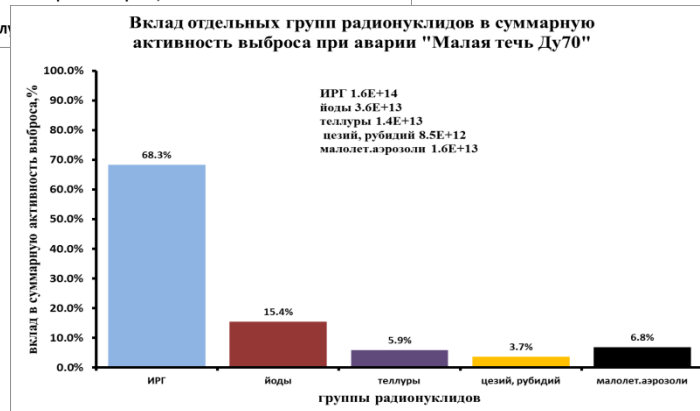
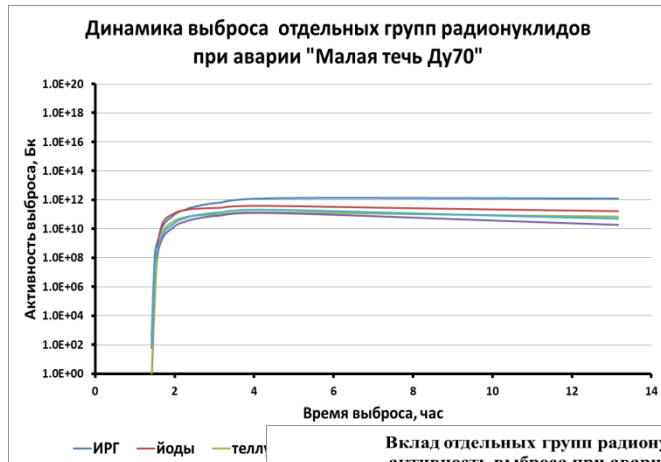




## Technical and expert support of the Information and analytical center of Gosatomnadzor during the first emergency exercise

2020

Drills and exercises scenarios for NPP with WWER 1200 are developed





# MAIN TECHNICAL SUPPORT AREAS NEEDS TO THE NEAREST FUTURE

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- **Radiation safety requirements**
- **Radiation protection of staff, population and environment**
- **Radiation control and monitoring, including monitoring in emergency exposure situations**
- **Assessment of programs for the radiation monitoring and for the radiation control**
- **Control of radioactive discharges**
- **Source terms assessment and calculated**
- **Support in preparing emergency drills and exercises**