

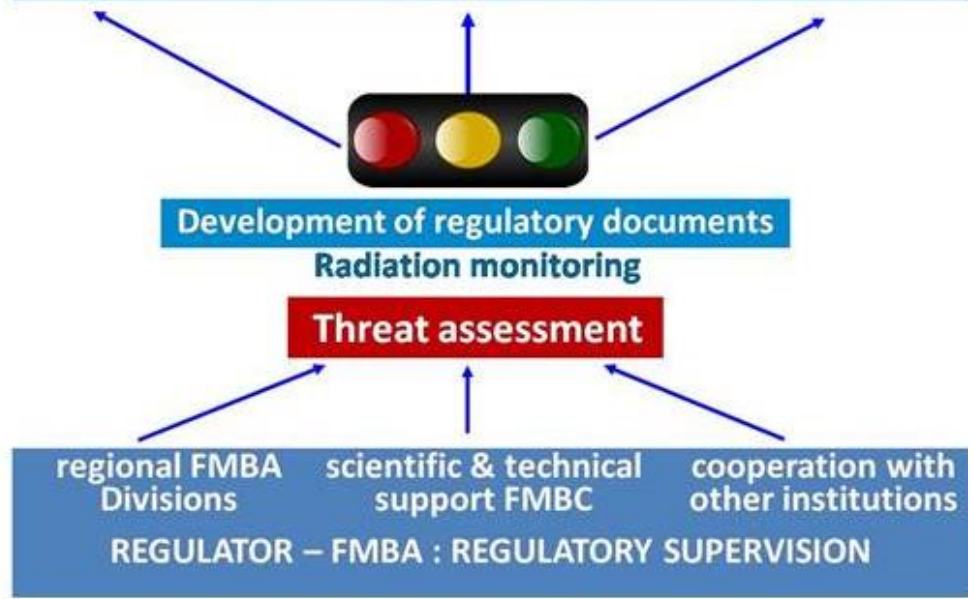
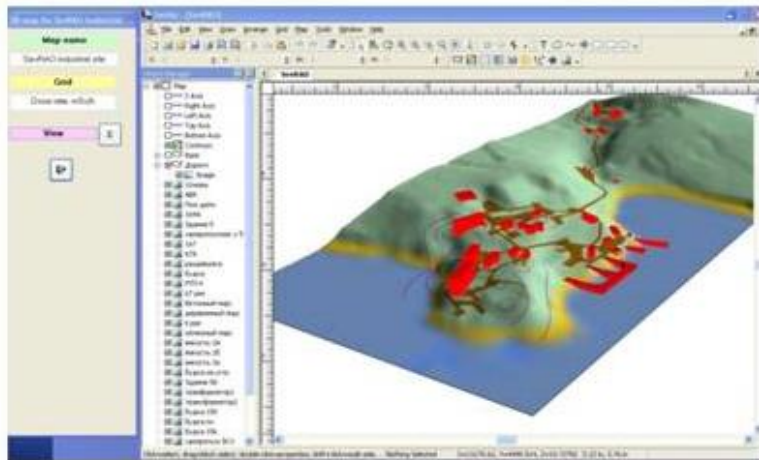
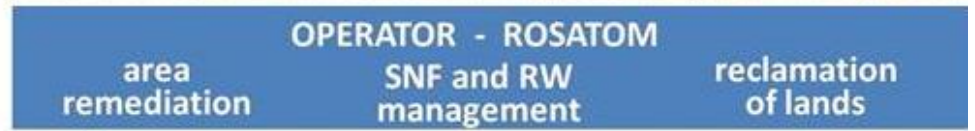
Regulatory Supervision and Assessment of the Radiation Situation in the Areas of the Former Military Technical Bases



Nataliya Shandala
Moscow, Russian Federation

Radiation protection at STS

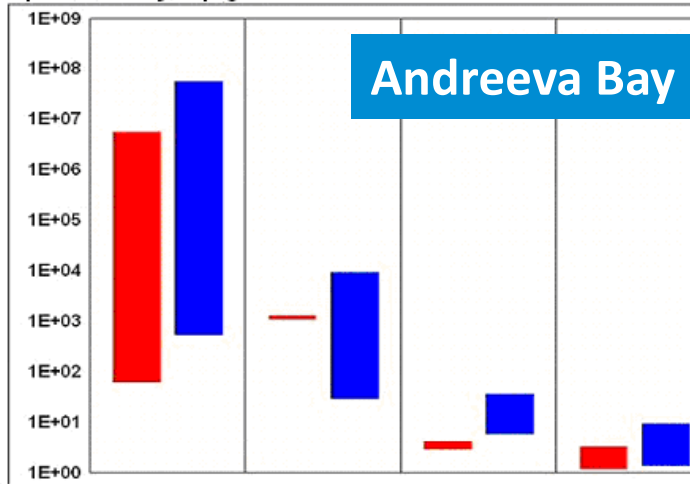
Work methodology



Contents of ^{90}Sr and ^{137}Cs in soil

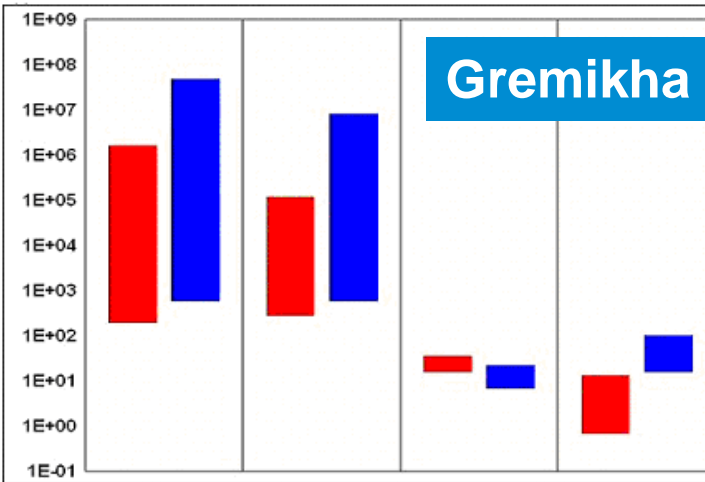


Specific activity, Bq/kg

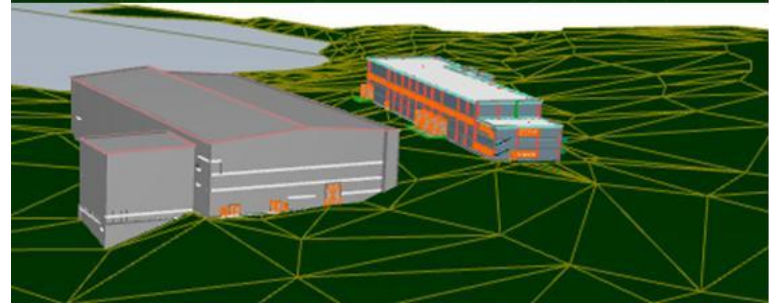
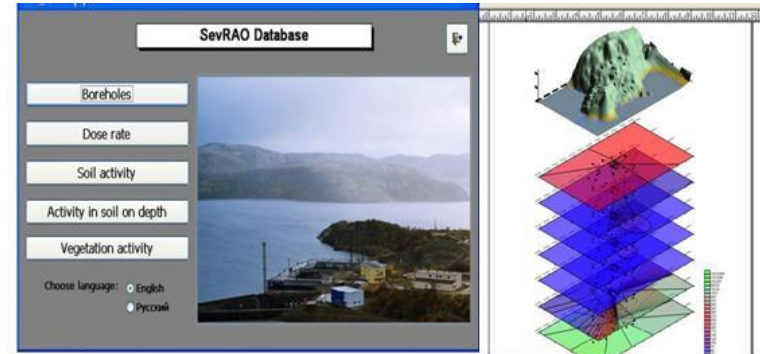


Andreeva Bay

Specific activity, Bq/kg



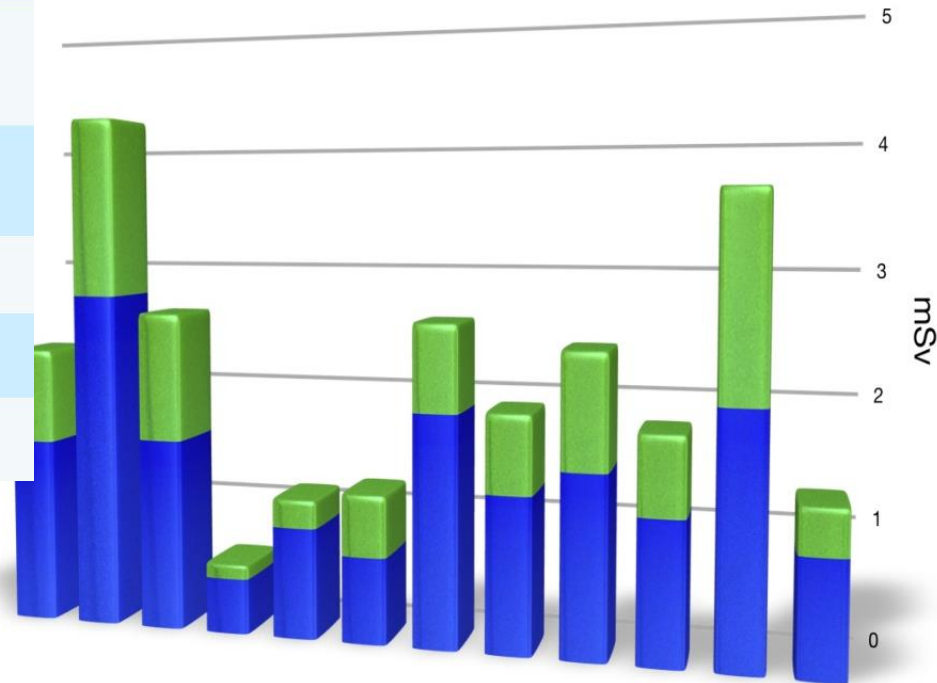
Gremikha



SNF removal



Working place, occupation	Doses, $\mu\text{Sv/h}$		Surface contamination level, $\text{part/cm}^2 \cdot \text{min}$	
	Reference dose rate	Real level	Reference levels	Real level
Dry storage worker, engineer, dosimetrist	500	171 – 510	10000	8000
Site under the crane Strap per, dosimetrist	15	8 – 27	< 6	< 6
Crane cabin Driver	28	62	< 6	< 6
Container vessel Driver	18	3	< 6	< 6
Serebryanka ship Master	2500	250	4000	75

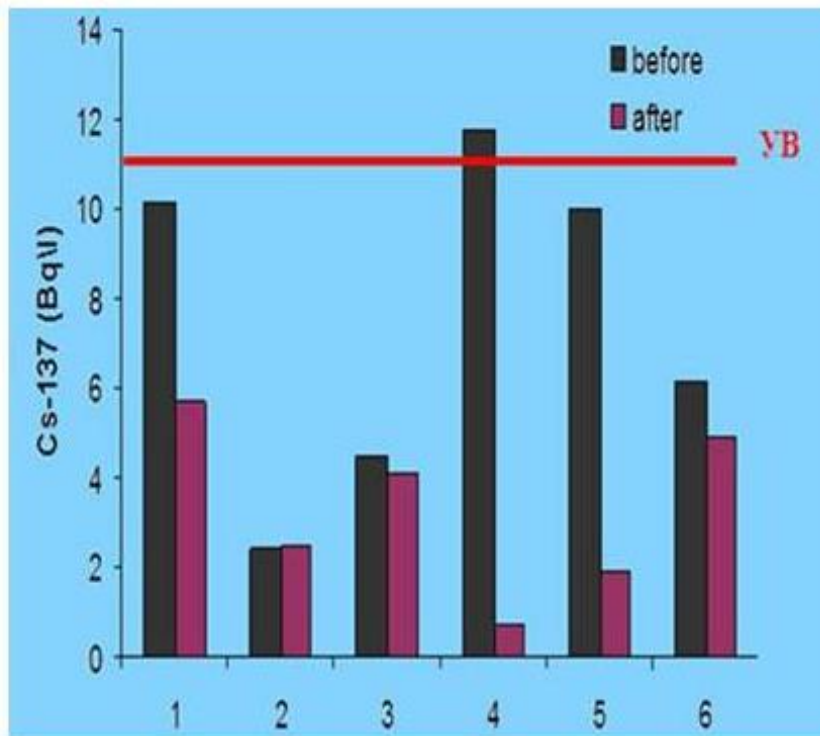
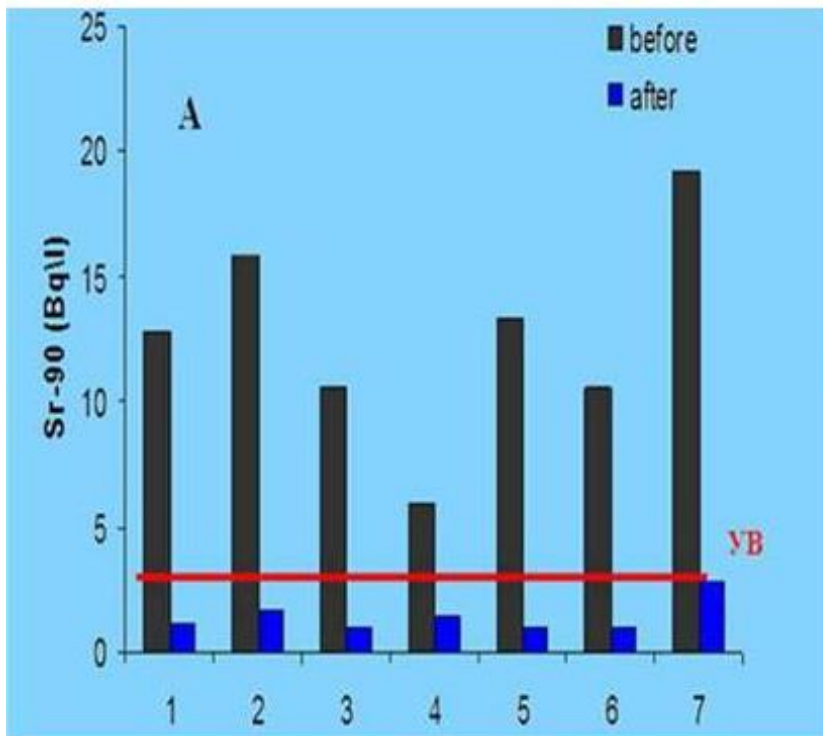


Individual doses to 12 members of the Complex facility for the RW and SNF storage and management personnel



13-18 May 2012 Glasgow Scotland

Specific activity in ground water



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International Exercise & Training in case of emergency



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New Regulatory Documents



- Requirements to provide radiological protection of the personnel and the public
- Criteria and norms on remediation of sites and facilities
- Arrangement of the environmental radiation monitoring
- Requirements for industrial waste management
- The Operational Radiological and Medical Criteria for the Initiation of Emergency Protective Actions
- Requirements to support safe management of products containing nuclear materials





Thank You!

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13-18 May 2012 Glasgow Scotland