Federal Medical Biological Agency

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Challenges in the Nuclear Legacy Regulation

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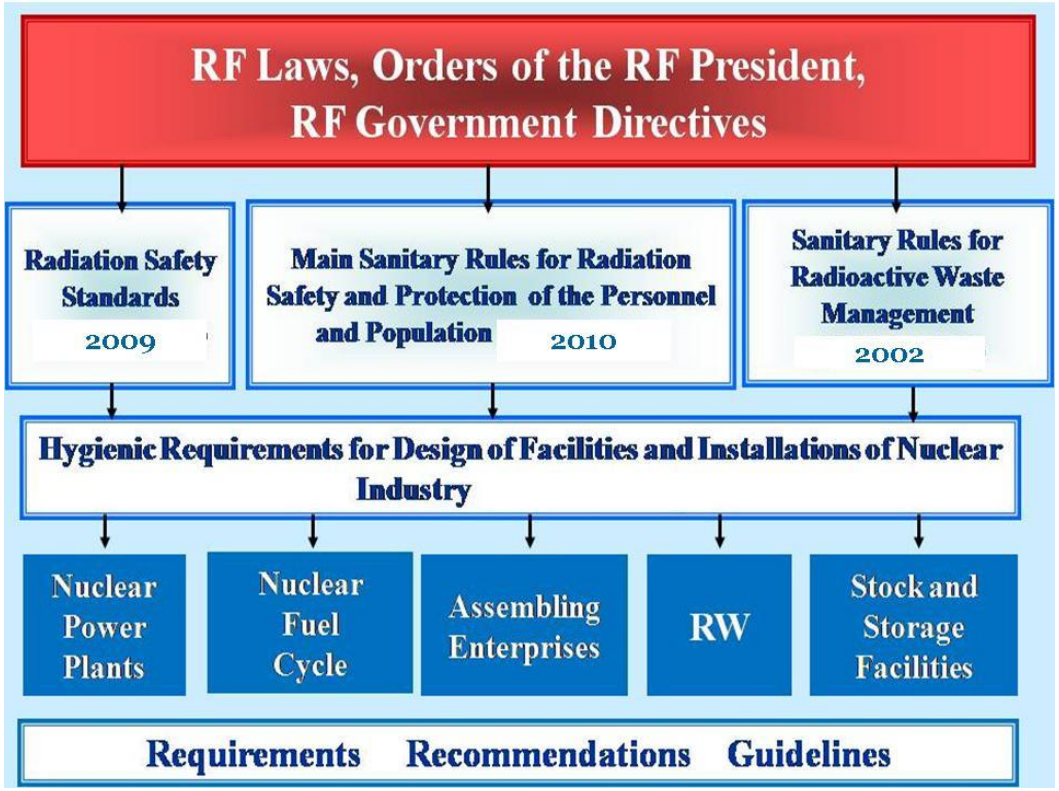
The Russian nuclear legacy consists of

- Areas of legacy works with radionuclides
- Radiological accident areas
- Former naval support technical bases
- Landfills for nuclear weapons and areas for peaceful nuclear explosions
- Uranium tailing dumps



Normative Basis of Regulation



Current Regulatory Nuclear Legacy Problems:

- The documental basis insufficient
- New: ICRP & IAEA documents, Russian Law on “Radioactive Waste Management”, 2011

Nuclear legacy - Southern Urals

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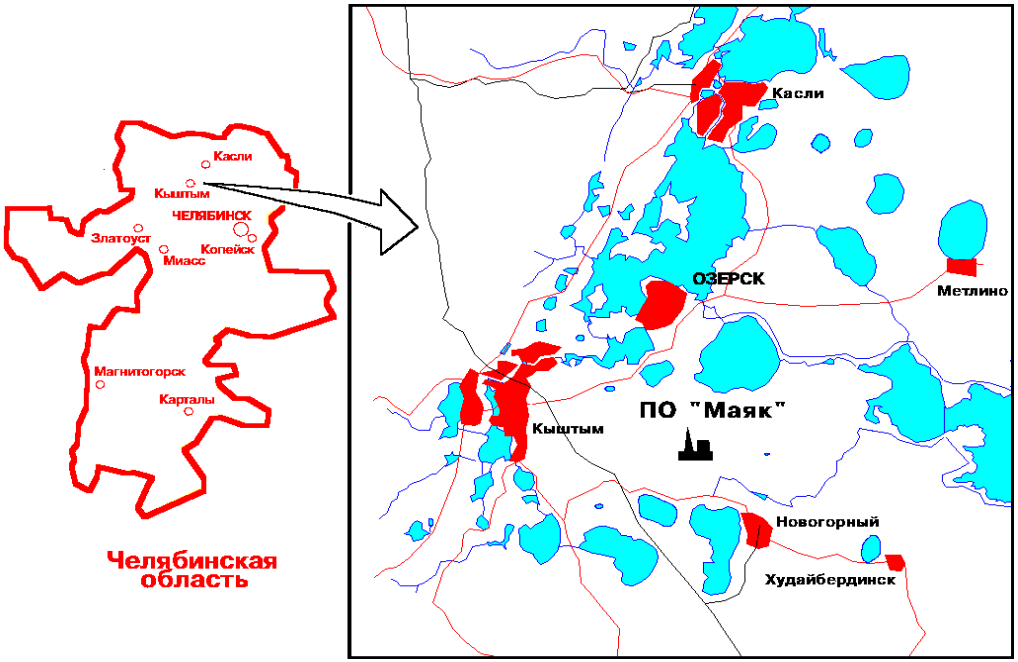
FMBA Registry of Mayak's personnel & population

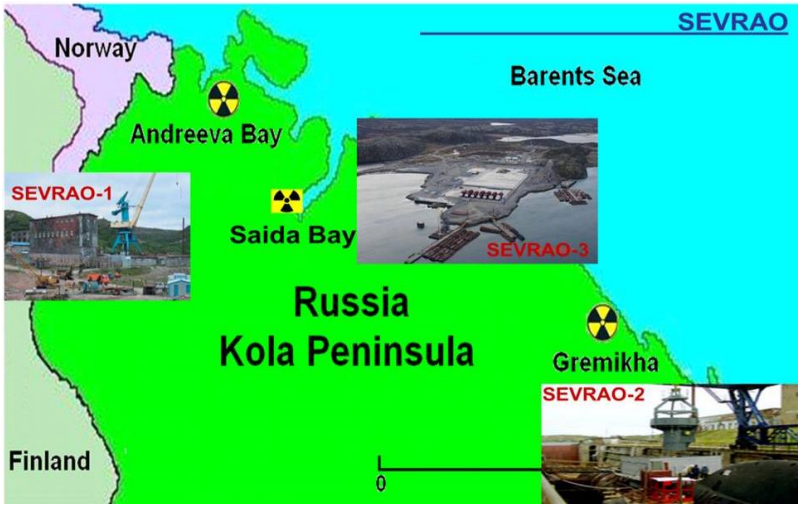


FMBA of Russia – NRPA cooperation

Agreement between Russian & Norwegian Ministries of Health

Was signed on November 13, 2008

Nuclear legacy- former Naval bases



- Independent Analysis
- Threats Assessment
- Regulatory Documents
- Supervision, Monitoring
- Emergency Response
- Expert Review

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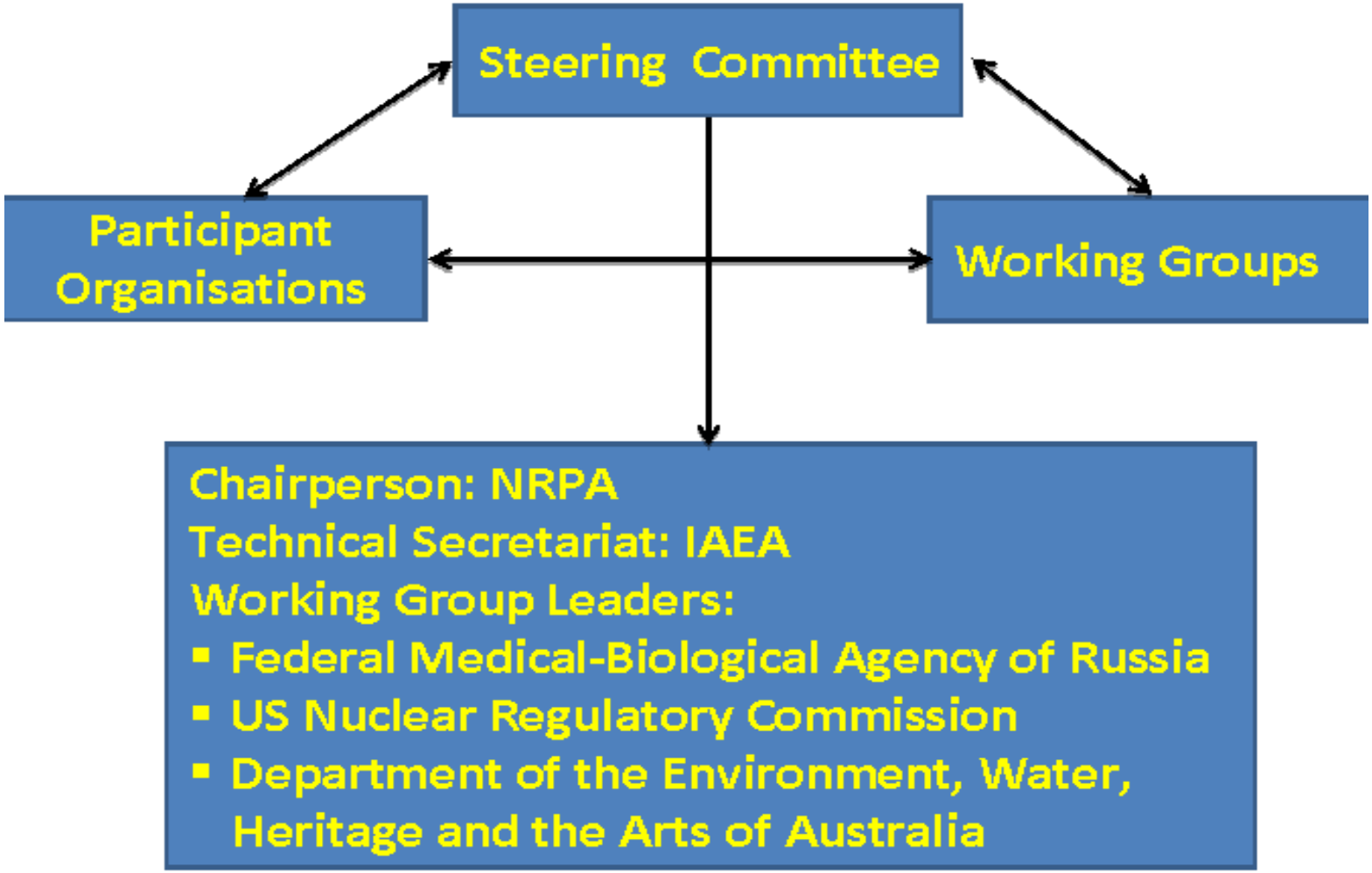
Participation of FMBA in IAEA International Forum on Regulatory Supervision of Nuclear Legacy (RSLS)

IAEA RSLS Forum
Organization Structure



What Else is Needed to Regulate the Nuclear Legacy?

1. To introduce the existing exposure situation
2. To develop criteria for site remediation and return to uncontrolled uses
3. To consider methods of optimization for the remediation strategies
4. To introduce legal limit relating to stop generation of new nuclear legacy
5. International development documentation, supervision, review and assessment, stakeholder involvement

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Thank you for attention

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