



Federal Medical Biological Agency



Russian National and International Efforts in Nuclear Legacy Regulation

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State regulation of radiation safety



REGULATORY BODIES
Responsible for Support of full Governmental Supervision and control



Rostekhnadzor
technical regulation

Rospotrebnadzor
social regulation

FMBA of Russia
regulation of nuclear
energy using



Structure of FMBA of Russia



**43 regional managements &
63 centres of hygiene and
epidemiology
Regulation**

**Research institutes (35)
Science**

**Medical and sanitary units and
clinics (360)
Medical care**



Agreement between FMBA of Russia and Rostekhnadzor



Moscow, 28 December 2010

WM2012 February 26 – March 1st in Phoenix, Arizona, USA
Session 80, Panel: *Worldwide Regulatory Challenges of Radioactive Legacy Sites*



North-West Legacy Sites of Russia



WM2012 February 26 – March 1st in Phoenix, Arizona, USA
Session 80, Panel: Worldwide Regulatory Challenges of Radioactive Legacy Sites



FMBA of Russia – NRPA cooperation



Agreement between Russian & Norwegian Ministries of Health

Was signed on November 13, 2008

WM2012 February 26 – March 1st in Phoenix, Arizona, USA
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Cooperation between NRPA and FMBA of Russia



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Russian and Norwegian International Cooperation



- **Agreements with FMBA of Russia, Rostekhnadzor, Ministry of Defense;**
- **Collaborative projects on works in the Northwest Russia;**
- **Joint visits to the legacy sites in USA and UK;**
- **Periodic workshops**



Areas of cooperation in nuclear legacy sites in Northwest Russia



- Independent analysis of the situation
- Assessment of radiological threats
- Development of the regulatory documents
- Supervision, control, monitoring
- Emergency response
- Expert review





International coordination group for regulation of nuclear legacy



- **Russian-Norwegian joint meeting of regulatory bodies regarding improvement of coordination of regulatory supervision in nuclear legacy (Moscow, January 25-26, 2012):**

It was recommended that an international coordination group (ICG) for regulation of nuclear and radiation legacy be set up, initially involving relevant Russian Federation authorities and the NRPA. Establishment will be subject to agreement based on Terms of Reference for the ICG. FMBA will prepare and distribute draft Terms of Reference for the ICG



ICG Activities



- Workshops on the key challenges apply to specific legacy types and/or specific sites and objects
- Creation of a generic procedure and methodology for cooperation in joint regulatory documents related supervision
- Development of joint regulations and guidance documents
- Carrying out of joint inspections
- Exchange of information about proposed regulations
- Training of regulatory personnel
- Workshops for wider stakeholders



Participation of FMBA of Russia in IAEA International Forum on regulatory supervision of nuclear legacy



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Directions of work WG 1



- Learning and generalization of the experience of regulators in planning of the legacy management and direct regulatory supervision of the legacy sites
- Development of recommendations to enhance the regulatory structure

Collect & generalize the materials on the past experience in remediation of legacy sites and provide recommendations on enhancement of such practice





Work organization WG 1



1. **Development of the questionnaire to assess the status of national regulation of nuclear legacy**
 - Legal basis (convention, national strategy, laws)
 - Infrastructure of the state regulatory bodies
 - Normative and methodological basis (regulatory standards, methodical documents)
2. **Development of summary on the status of the national strategy for nuclear legacy regulation taking into account information gathered through the questionnaire**
3. **Summary on the nuclear legacy sites**
4. **Analysis of national work programs in nuclear legacy regulation**



Questionnaires (draft)



Consisting of 33 questions and covering the following eight modules:

- **Legislative and governmental responsibilities**
- **Responsibilities and functions of the regulatory body**
- **Organization of the regulatory body**
- **Authorization by the regulatory body**
- **Review and assessment**
- **Inspection and enforcement**
- **Development of regulations and guides**
- **Specification of nuclear legacy sites in your country**



Conclusions



Implementation of the work plan submitted by the WG 1 gives us reason to expect that during the remaining two years, the following work will be carried out:

- Exchange of experience in the legacy management
- Exchange of information on success, failures and problems
- Specification of national frameworks of the legacy regulation
- Provision of feedback on problems inherent to the national circumstances etc.



Thank you for attention



