

5-th International Conference and Exhibition

AtomEco

www.atomeco.ru

2011







Dear ladies and gentlemen!

I am happy to congratulate you on the start of the 5-th International AtomEco-2011 Conference and Exhibition

Nuclear and radiation safety is a major pre-requisite for existence and development of nuclear power industry. Securing this safety is the ultimate priority of the Atomic Energy Corporation ROSATOM. Safety must be provided not only for operation of nuclear power facilities, but for treatment of nuclear cycle products as well. This is the subject of today's Forum.

Russia was one of the first countries to start nuclear power operations and consequently, was one of the first countries to face the need to resolve issues of the so-called closing phase of the nuclear cycle. I am referring to treatment of radioactive waste, spent nuclear fuel, rehabilitation of contaminated territories and decommissioning hazardous nuclear and radioactive sites. Resolution of these issues often requires new and unorthodox approaches over a very broad spectrum: from technology and business to legislation. Following this path, we strive to ensure greater international cooperation, and this Forum is one of the events, organized by the Atomic Energy Corporation ROSATOM, to foster such cooperation.

The Forum is attended by over 800 experts from 31 country. Let me wish this Forum every success in its work and express my hope that these two days will be fruitful not only for the organizers, but for each and every participant as well.

First Deputy Director General State Atomic Energy Corporation ROSATOM

A.M.Lokshin

Dear ladies and gentlemen!

It is my pleasure to greet you at our Forum. I do believe that AtomEco Forum has been gaining increasing importance in the life of our industry. To a great extent this can be explained by the fact, that AtomEco is making a major contribution to resolution of most complex issues of nuclear, radiation and environmental safety, which is vital today and by all means has to be ensured for future generations.

This serious and complex challenge can only be answered by international cooperation and international discussion. A third of participants of our Forum are international experts, and this is a very positive fact.

The Forum will review two key areas: resolving nuclear legacy issues, and we are initiating establishment of a strategic long-term state proigram; the second area is getting business involved in the so-called back end. A concept for business involvement in back end in the Russian Federation will also be presented at the Forum.

I am also happy to draw your attention to the fact, that for the first time the Forum is participated by students of our industry universities and young industry professionals. The Forum's program is quite intense, and I would like to wish you all every success.

Director of Directorate for Nuclear and Radiation Safety State Atomic Energy Corporation ROSATOM

O.V. Kryukov

Participants

Countries

Speakers

Scientists Government officials and public organizations representatives Students and young professionals Middle management and specialists

PARTICIPANT GEOGRAPHY



1.	Australia	9.	Brazil	18.	Moldova	27.	Turkey
2.	Austria	10.	UK	19.	Norway	28.	Ukraine
3.	Azerbaijan	11.	Hungary	20.	Poland	29.	Finland
4.	Albania	12.	Germany	21.	Russia	30.	France
5.	Armenia	13.	Italy	22.	Romania	31.	Sweden
6.	Belarus	14.	Kazakhstan	23.	Serbia	32.	Japan
7.	Bulgaria	15.	Canada	24.	Slovenia		
8.	Bosnia and	16.	Latvia	25.	USA		
	Herzegovina	17.	Lithuania	26.	Tajikistan		

PERSONAS

PHOTO REVIEW



S.V. KirienkoDirector General, the State Atomic Energy Corporation ROSATOM



A.M.Lokshin
First Deputy Director General
State Atomic Energy Corporation
ROSATOM



O.V. Kryukov Director of Directorate for Nuclear and Radiation Safety State Atomic Energy Corporation ROSATOM



David G. Huizenga the Acting Assistant Secretary for the Office of Environmental Management, US Department of Energy



Irene Mele Head of IAEA's waste technology division



Semyon Levi
Deputy Minister Ministry of Natural
Resources and Environmental Protection of the Russian Federation



Guillaume Aubert
Partner and Managing Director
The Boston Consulting Group



Andreas Greim Head of Russia and CIS office, AREVA



Doris Heim Senior Vice-President Bechtel National



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FORUM IN MEDIA

COMPANIES



Spent nuclear fuel /SNF/, which is still stored at some nuclear power plants, will be transported to a new storage facility in the nearest future. This was announced in Moscow at «AtomEco-2011» conference by Alexander Lokshin, first deputy head of the State Atomic Energy Corporation ROSATOM, the announcement was commented for ITAR-TASS by several nuclear industry experts.

«Construction of a central «dry» SNF storage facility near Krasnoyarsk is being completed, - confirmed Vasily Kovalchuk, head of laboratory of The Nuclear Safety Institute (IBRAE) RAS. - After completion, it will receive fuel from nuclear power plants with RBMK type reactors, this fuel is still stored on nuclear sites.

Work for construction of primary radioactive waste disposal sites has also begun, which is very significant «.

Kovalchuk pointed out, that «currently there are ongoing successful activities under the federal target program for securing nuclear and radiation safety, including SNF and RW treatment activities, related to nuclear legacy». However, he said, national SNF and RW treatment systems are still in the early stages of development, and this is why wwhat is most important - work got into motion»



Russian and foreign nuclear industry specialists and environmental experts gathered in Moscow at the fifth international AtomEco-2011 conference. Delegates discuss issues of radioactive waste and spent nuclear fuel treatment issues. Innovative treatment and storage technologies will be demonstrated at a special exhibition.

What will be demostrated by Russia and what experience will it share with other countries at the conference? Sergei Kirienko, head of the State Atomic Energy Corporation ROSATOM, answered these questions in his interview to Russia 24 TB channel.

"The key subject of the conference is specific nuclear industry experience, because we are dealing with technologies, requiring extra care", - said the expert. According to Kirienko, the State Atomic Energy Corporation ROSATOM has perfected a nuclear power plant lifecycle technology. "During plant design, we decide what happens when it is closed down, how it will be decommissioned, how do we get its site to greenfield conditions, what happens to resulting waste, how these will be stored and treated", -explained Sergei Kirienko.



Russia will develop a long-term program and a strategy for decommissioning nuclear and radioactive facilities.

This was announced at AtomEco Forum by Oleg Kryukov, Director of Directorate for Nuclear and Radiation Safety of the State Atomic Energy Corporation ROSATOM. Such program will be developed over a year and a half and will be designed for about 70 years. Direction of the strategy has not been defined yet. There are two scenarios

- "brownfield", when a plant's site still has facilities, or "greenfield" - completely cleared territory. Estimated costs of decommissioning an average power plant are close to half a billion dollars. There is already quite a large global market of services in this area. By 2020 this market may grow up to \$12 billion. Russia could get into the market by getting small and medium businesses involved.













IRSN



























EXHIBITION REGISTRATION FORM

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VI Conference and Exhibition

«AtomEco-2012»

Moscow

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4-6 June 2012 • Moscow • Russia



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