



**ИСКРАН**

---

## NEWS:

### **U.S. Funding of Nuclear Security Programs to Be Increased?**

As of late May, funding for nuclear security programs in the Obama administration's Fiscal Year 2013 budget request was set to increase by \$275 million over the previous year, while non-security funding was to be cut by \$188 million, according to Rodney Frelinghuysen, Chairman of the U.S. House of Representatives' Energy and Water Appropriations Subcommittee. "The only significant increases over last year's level are to nuclear security and to develop a true all-of-the-above energy strategy," Frelinghuysen told Congress on May 31<sup>st</sup>.

### **Russian Experts Highlight Threat of Nuclear Terrorism**

Vladimir Dvorkin, senior fellow at the Center for International Security at the Institute of World Economy and International Relations (IMEMO), argues that nuclear terrorism is a serious threat that can undermine strategic stability. Russia's leadership continues to believe that nuclear deterrence should remain the cornerstone of strategic stability, even though the latter can be undermined by recently emerged threats such as nuclear terrorism, Dvorkin said at a May 30<sup>th</sup> presentation of a volume on "Russia and the Dilemmas of Nuclear Disarmament" at IMEMO. Experts of the Center for International



Security, which participates in the working group of this initiative, have taken part in writing and presenting the volume. In follow-up remarks political scientist Alexander Perendzhiev and representative of the Russian Defense Ministry Alexander Radchuk asserted that the threat of acquisition of nuclear weapons by non-state actors has not been sufficiently researched, Russia's *Oruzhiye Rossii* news portal [reported](#) on May 31<sup>st</sup>.

### **Moldovan Court Sentences Members of a HEU Smuggling Ring**

A court in Moldova has sentenced three people for smuggling weapons-useable uranium. The court ruled on May 24<sup>th</sup> to sentence a Russian woman to three years in prison and her accomplice to five. A third person was fined \$1,200, *Reuters* [reported](#). The trio were members of a smuggling ring, busted in this former Soviet republic last summer. They were trying to sell Uranium-235 to a buyer in North Africa. A September 2011 report by staff for then-U.S. Senator Richard Lugar said the group also claimed to possess plutonium.

### **Russian Security Service Procures WMD-Proof Cradles**

More than 100 capsule cradles aimed at protecting officials' babies from a nuclear blast and chemical or biological attacks have been ordered by a Russian security service. Made of special diffusion material, the capsules block poisonous reagents, biological aerosols and radioactive dust, *Russia Today* [reported](#) on May 24<sup>th</sup>.



Photo: Balama.ru

## U.S.-Russia Initiative to Prevent Nuclear Terrorism

### Американо-Российская инициатива по предотвращению ядерного терроризма

April-May 2012 Newsletter

Информационный бюллетень за апрель-май 2012

#### **Rogozin, Serdykov Retain Positions in the New Russian Government**

President Vladimir Putin unveiled the make-up of the new federal government on May 21<sup>st</sup>. Both Deputy Premier Dmitry Rogozin and Defense Minister Anatoly Serdykov have retained their positions in the cabinet, which is chaired by Dmitry Medvedev. As in the previous government,



Rogozin

Rogozin will continue to oversee the nuclear and defense industries, including the nuclear weapons complex, as well as supervise preparedness for emergency situations, according to the division of powers among top government officials, available on the government's web [site](#).



Serdyukov

#### **Russia to Take HEU Fuel from Uzbekistan**

Russia and Uzbekistan have signed an intergovernmental agreement that will allow Russia to take back spent HEU fuel from Uzbekistan's research reactors. Russia will also supply Uzbekistan with LEU fuel, the International Panel on Fissile Materials (IPFM) reported on May 16<sup>th</sup>. According to [IPFM](#), Russia will also supply Uzbekistan with LEU fuel.

#### **Senator Lugar Voted Out of Senate**

Six-term senator and co-founder of the Cooperative Threat Reduction programs in the former Soviet Union Richard Lugar lost in Indiana's May 8<sup>th</sup> Republican primary to Richard Mourdock, a challenger backed by the Tea Party movement. Graham Allison, director of the Belfer Center for Science and International Affairs and IPNT member, called the loss "a dark day for the United States" in an [op-ed](#) published by the *Global Post* on May 9<sup>th</sup>. In the op-ed Allison credited Lugar for "miracle of miracles, not a single nuclear weapon has been discovered outside the control of Russia's nuclear custodians."



#### **Graham Allison on Lessons of the Raid on Bin Laden's Hideout**

Graham Allison, director of the Belfer Center for Science and International Affairs and IPNT member, has published an article in *Time* magazine, in which he offers readers a behind-the-scenes account of how President Barack Obama made the decision to launch the Special Forces assault on Osama bin Laden's compound in Pakistan in April 2011. The May 7<sup>th</sup> [article](#) examined White House decision-making in the raid for lessons that can be applied to future foreign policy challenges.



#### **FBI and NNSA Train to Interdict Theft of Dirty Bomb Ingredients**

The Federal Bureau of Investigations and U.S. National Nuclear Security Administration have staged a table top exercise to simulate responses to a possible scheme by terrorists to acquire ingredients for a dirty bomb. The scenario of the "Environmental Thunder" exercise provided for purported terrorists to sneak into a research laboratory in North Carolina to steal ingredients of a radiological dispersion device, GSN [reported](#) on May 7<sup>th</sup>.

## U.S.-Russia Initiative to Prevent Nuclear Terrorism

### Американо-Российская инициатива по предотвращению ядерного терроризма

April-May 2012 Newsletter

Информационный бюллетень за апрель-май 2012

#### **Kevin Ryan on Elbe Group's Efforts to Counter Nuclear Terrorism**

Executive director of the Belfer Center and IPNT member Kevin Ryan published an [op-ed](#) in the May 1<sup>st</sup> issue of *The Moscow Times* to recount efforts by the Elbe Group, comprised of former leaders of American and Russian intelligence and military organizations, to increase awareness of the need to jointly counter nuclear terrorism. The op-ed points out that the group, of which Ryan is a founding member, adopted as its first mission statement in 2010 the prevention of nuclear terrorism and worked with experts at Harvard's Belfer Center and the Institute for U.S. and Canadian Studies in Moscow to publish the first joint assessment of this threat. The group, which is co-chaired by former Russian Interior Minister Anatoly Kulikov and former chief of U.S. Strategic Command Eugene Habiger, also authored a joint article in advance of the nuclear security summit in Seoul in March with recommendations for U.S. and Russian cooperation to prevent nuclear terrorism.



Kulikov

Habiger

Ryan

#### **Kazakhstan to Host a Conference on Nuclear Disarmament**

Kazakhstan will host an international conference on "From the Prohibition of Nuclear Tests to a World Free of Nuclear Weapons" on August 29<sup>th</sup> in Astana. In addition to nuclear disarmament, the participants will discuss ways to prevent nuclear terrorism and develop peaceful nuclear energy, the Kazakh parliament said in a statement issued in late May.

#### **Sergei Rogov Selected to Advise No 3 Official in Russia**

Sergei Rogov, director of the Institute for the U.S. and Canadian Studies, has been selected to sit on the Scientific Expert Council under the Chairperson of the Federation Council, the upper chamber's web site [reported](#) on April 24<sup>th</sup>. Rogov, whose institute participates in the working group of this initiative, advises the leadership of the upper chamber of Russia's federal parliament on the consequences of adopting individual draft bills, assesses important international trends and suggest drafting of individual bills, according to the Federation Council's web site. Speaker of the Federation Council Valentina Matviyenko is the third highest-ranking official in Russia after the president and prime minister.



#### **U.S. DoE Officials and Lab Personnel Tour Russian Nuclear Facilities**

A delegation of U.S. government officials and nuclear laboratory personnel toured several Russian nuclear facilities and research institutes on April 10-19 as part of an exchange between the U.S. Department of Energy and the Russian State Corporation for Atomic Energy "Rosatom," under the auspices of the Bilateral Presidential Commission's Nuclear Energy and Nuclear Security Working Group. The delegation, which was led by Assistant Secretary for Nuclear Energy Dr. Peter Lyons, paid visits to Beloyarsk Nuclear Power Plant in Zarechny, the Research Institute of Atomic Reactors in Dmitrovgrad, the Mining and Chemical Combine in Zheleznogorsk, and Afrikantov Experimental Design Bureau for Mechanical Engineering in Nizhny Novgorod.



## U.S.-Russia Initiative to Prevent Nuclear Terrorism

### Американо-Российская инициатива по предотвращению ядерного терроризма

April-May 2012 Newsletter

Информационный бюллетень за апрель-май 2012

In August 2011, Rosatom officials conducted a similar visit to several DOE facilities and universities in the United States, according to an April 24<sup>th</sup> [press release](#) issued by the U.S. Embassy in Moscow.

#### **William Tobey Elected Chairman of the WINS Board**

IPNT director and Belfer Center senior fellow William Tobey has been elected Chairman of the Board of the World Institute for Nuclear Security (WINS). The handover from previous chairman Charles Curtis took place at the WINS Board meeting in Seoul, Republic of Korea on March 22<sup>nd</sup>. “Charles Curtis brought WINS to life, and the world is becoming a safer place because of it,” William Tobey was quoted by the WINS [site](#). Dr Roger Howsley, Executive Director of WINS also praised Curtis’ achievement: “We are equally lucky to have Will Tobey as the new Chairman and look forward to his leadership of the Board.”

#### **William Tobey on Securing Fissile Materials at Semipalatinsk**

IPNT director William Tobey has published an article in *Foreign Policy*, in which he offers a riveting description of the joint U.S.-Russian-Kazakh efforts to secure weapons-useable materials left at a defunct Soviet underground nuclear test range in Kazakhstan. There was enough fissile material left vulnerable to theft in tunnels at the Semipalatinsk range to build a dozen nuclear weapons, according to the April 30<sup>th</sup> article, titled “[What Lies Beneath](#).” Tobey argues that the formerly secret mission, launched in 2005, is an example of the quiet but essential international cooperation that is urgently needed to prevent terrorists from ever obtaining a nuclear weapon.



#### **U.S. Defense Intelligence Reorganized to Collect Information on Proliferation, Terrorists**

The Pentagon will reassign several hundred case officers and analysts from the Defense Intelligence Agency to the new Defense Clandestine Service. The new service will work with CIA officers based at U.S. embassies to collect and distribute intelligence on nuclear proliferation, foreign terrorist networks and other difficult targets, a senior defense official was quoted in the April 23<sup>rd</sup> [issue](#) of *Los Angeles Times*.

#### **Russia’s UN Envoy: Nuclear Materials in Russia Are Secure**

Vitaly Churkin, Russian Permanent Representative to the United Nations, affirmed at the April 19<sup>th</sup> meeting of the UN Security Council that physical nuclear security in the Russian Federation was paramount. All nuclear materials on its territory were under reliable physical protection; no such installation or materials were cause for fear, and the country continually enhanced the norms in that regard, he said. Churkin said the world continued to face the threat of nuclear terrorism and the possibility of abuse of nuclear materials and other radioactive substances, according to the summary of his statement available at the UN’s web [site](#).



#### **Russia and U.S. Work On Verification for Disposition of Plutonium**

Russia and the United States could conclude verification arrangements by 2013 for their agreement on disposition of surplus weapons plutonium, a U.S. official said. “Unless things go



## U.S.-Russia Initiative to Prevent Nuclear Terrorism

### Американо-Российская инициатива по предотвращению ядерного терроризма

April-May 2012 Newsletter

Информационный бюллетень за апрель-май 2012

awry, we should complete the [verification] agreement this year,” the unidentified official was quoted as saying in the April 2012 issue of *Arms Control Today*.

---

#### NOTABLE STATEMENTS ON NUCLEAR TERRORISM:

- Mikhail Ulyanov, head of Security and Disarmament Department at the Russian Foreign Ministry: “Russia stands for consistent implementation by all countries of the provisions of the UNSC Resolution 1540 aimed at countering the WMD ‘black’ markets, preventing such weapons and related materials, technologies and means of delivery from falling into the hands of non-state actors, primarily, terrorist organizations” (*BBC*, May 10, 2012).
- U.S. Assistant Secretary of State Thomas Countryman: “It remains our goal to finish the removal of HEU stocks from Belarus by 2014” (*Arms Control Today*, May 2012).
- Chief of Russian General Staff Army General Nikolai Makarov: “Many countries that claim not to possess nuclear weapons do in fact have them. Certainly, if it gets into the hands of extremists, it represents a threat to international security” (*RIA Novosti*, April 24, 2012).
- Deputy director at the Office of the Director of U.S. National Intelligence Robert Cardillo: Killing of Osama bin Laden and continued US counter-terrorist action have made an attack with chemical, biological or nuclear weapons by any al-Qaida-related terror group less likely in the coming year (*Sunday Mail*, April 29, 2012).
- Russian Defense Ministry spokesman Col. Vadim Koval: “Prevention of nuclear terrorism attempts is one of the major tasks being addressed by the RVSN [Strategic Missile Troops] in view of the existing terrorist threats.” (*Interfax*, April 23, 2012).

---

#### UPCOMING EVENTS:

- June 17, 2012. 20<sup>th</sup> anniversary of the United States and Russia signing the umbrella Cooperative Threat Reduction agreement.
- June 18-19, 2012. Barack Obama and Vladimir Putin to hold their first presidential meeting on the sidelines of the G20 Summit in Mexico.
- October 15-28, 2012. 50<sup>th</sup> anniversary of Cuban Missile Crisis.
- October 2012. 20<sup>th</sup> anniversary of the United States and Belarus signing the umbrella Cooperative Threat Reduction agreement.
- December 8, 2012, 25<sup>th</sup> anniversary of the signing of the Intermediate-Range Nuclear Forces treaty.
- June 2013. The umbrella U.S.-Russian Cooperative Threat Reduction agreement expires.

## **ANNOUNCEMENTS:**

[The U.S.-Russia Initiative to Prevent Nuclear Terrorism \(IPNT\)](#) solicits papers, articles and commentary from readers for inclusion in the newsletter and publication on the Initiative's web site. Contact Belfer Center fellow Simon Saradzhyan at (phone) +1-617-496-8228, (fax) +1-617-495-8963, or [simon\\_saradzhyan@hks.harvard.edu](mailto:simon_saradzhyan@hks.harvard.edu).

---

*The Working Group of the U.S.-Russia Initiative to Prevent Nuclear Terrorism includes the following institutions:*

*В рабочей группе по осуществлению Американо-Российской инициативы по предотвращению ядерного терроризма состоят следующие организации:*

- *Belfer Center for Science and International Affairs, John F. Kennedy School of Government, Harvard University [W. Tobey, [william\\_tobey@hks.harvard.edu](mailto:william_tobey@hks.harvard.edu), 1- 617-496-0518]*

- *Белферовский центр науки и международных отношений Института государственного управления имени Джона Ф. Кеннеди Гарвардского университета. [Уильям Тоби, [william\\_tobey@hks.harvard.edu](mailto:william_tobey@hks.harvard.edu), 1- 617-496-0518]*

- *Center for International Security, Institute for World Economy and International Relations, Russian Academy of Sciences [[imemoran@imemo.ru](mailto:imemoran@imemo.ru), 7-499-120-52-36]*

- *Центр международной безопасности, Институт мировой экономики и международных отношений РАН [[imemoran@imemo.ru](mailto:imemoran@imemo.ru), 7-499-120-52-36]*

- *Center for International Security and Cooperation, Freeman Spogli Institute for International Studies, Stanford University [Dr. S. Hecker, [shecker@stanford.edu](mailto:shecker@stanford.edu), 1-650-725-6468]*

- *Центр международной безопасности и сотрудничества Института международных дел имени Фримана Спогли Стэнфордского университета. [Доктор наук З. Хэккер, [shecker@stanford.edu](mailto:shecker@stanford.edu), 1-650-725-6468]*

- *Institute for the U.S. and Canadian Studies, Russian Academy of Sciences [Dr. S. Rogov, [pa.to.rogov@rambler.ru](mailto:pa.to.rogov@rambler.ru), 7-495-691-11-66]*

- *Институт изучения Соединенных Штатов Америки и Канады РАН [Доктор наук С. Рогов, [pa.to.rogov@rambler.ru](mailto:pa.to.rogov@rambler.ru), 7-495-691-11-66]*