

# Transfer of Russian-produced research reactor nuclear fuel to the Russian Federation, current situation and prospects.

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The Russian Federation

- Repatriation of the Russian-produced highly enriched nuclear fuel of research reactors to Russian Federation started at the 2002
- The initiative of start of this program was put forward by the United States within the frameworks of the program of Global Threat reduction
- The US supplied the financial support for this activities under the program RRRFR (Russian Research Reactor Fuel Return program)

- The IAEA gives substantial support to the program
- In May of 2004 The Russian Federation and the United States have signed intergovernmental agreement concerning cooperation for the transfer of Russian-produced research reactor nuclear fuel to the Russian Federation.

## The countries participating in the program of repatriation of nuclear fuel to the Russian Federation

- Bulgaria
- The Czech Republic
- Germany
- Hungary
- Kazakhstan
- Latvia
- Libya
- Poland
- Romania
- Serbia
- Ukraine
- Uzbekistan
- Vietnam

## Activities already accomplished

- Fresh highly-enriched fuel returned from 7 countries: Bulgaria (2004), Romania (2003), Serbia (2002), Libya (2004, partially), Latvia (2005), the Czech Republic (partially), Uzbekistan (2004). Totally 122 kg of U-235 were returned to Russia
- In the early 2006 repatriation of 64 kilogram of irradiated fuel from Uzbekistan was completed
- Low-enriched Fuel was supplied to Latvia and the Czech Republic

## Planned activities

- The priority of future activities in the field of repatriation of Russian-origin highly enriched fuel was determined by the second Joint Coordinating Committee under the Russian-American Agreement of 2004 (Moscow 14-15 of June 2006)

## Planned activities

- Fresh fuel repatriation

- Poland June 2006
- Libya June 2006
- Czech Republic September 2006
- Ukraine (Sevastopol) October 2006
- Vietnam November 2006
- Germany December 2006
- Ukraine(Kiev) July 2007

## Planned activities

- Repatriation of irradiated Fuel

Latvia	2007	Libya	2008
Czech Republic	2007	Hungary	2009
Kazakhstan	2008	Ukraine	2009
Bulgaria	2008	Poland	2009
Romania	2008		

## Planned activities

- Supplies of low-enriched nuclear fuel
  - Vietnam 2006
  - Ukraine (Kiev) 2006