

THE NATIONAL

POLICY AND GLOBAL AFFAIRS

ACADEMIES

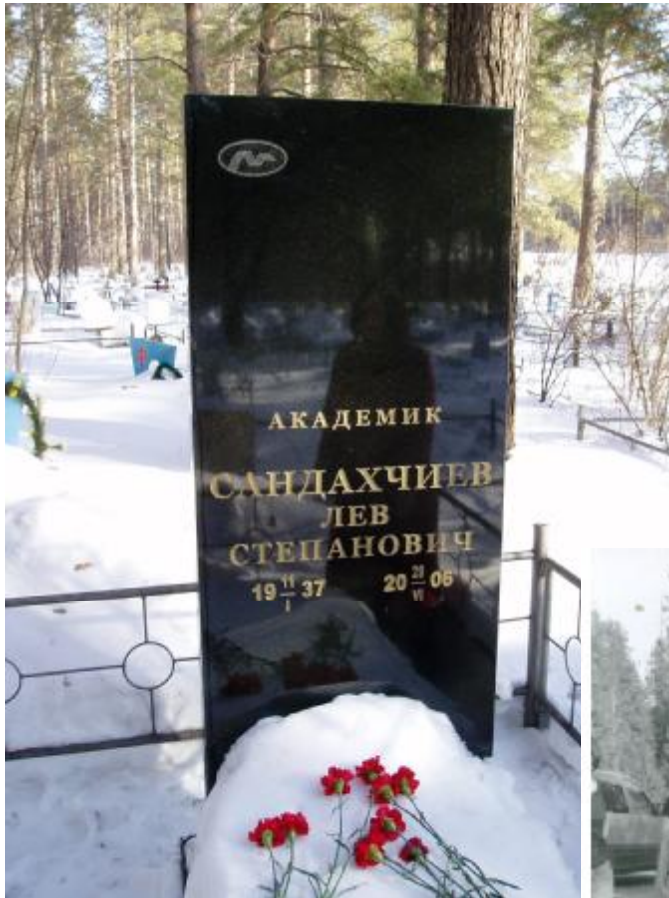
# In the beginning . . .

A personal perspective on the origins and future of  
the International Science and Technology Center

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To the memory of many friends without whom the ISTC would not have succeeded.



# In the beginning . . .

February 1992

Two Presidents  
and Three Foreign Ministers



**Kozyrev**



**Genscher**



**Baker**





# A New International Organization was Born



- The Agreement was brought to life in Moscow by a Preparatory Committee tasked by the Parties to prepare the necessary steps to prepare the ISTC for operation
  - Find a location
  - Develop a Statute
  - Draft internal operating documents
  - Create a grant application process
  - Decide how to manage the finances

## The PrepCom Farewell Picnic – Summer 1993



- ü We broke new ground every day.
- ü We learned to trust and appreciate each other.
- ü It was an extraordinary time and an extraordinary group of people.

## The Agreement guided us . . .

- Prevent the proliferation of technologies and expertise related to weapons of mass destruction -- nuclear, chemical, and biological weapons.
- Support the developing process of disarmament, and the conversion of industrial-technical potential from military to peaceful endeavors.
- Minimize incentives to engage in activities that could result in proliferation.

. . . but with flexibility to contribute to:

- Solving national or international technical problems
- Reinforcing the transition to market-based economies responsive to civil needs
- Supporting basic and applied research and technology development, inter alia, in the fields of
  - environmental protection,
  - energy production, and
  - nuclear safety,
- Promoting the further integration of scientists into the international scientific community



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## Flexibility led to:

- The Partner Program
  - Drafting the program outline in Paris.



- Travel Grants Program
  - Group from Kazakhstan National Nuclear Center at Oak Ridge Nat'l Lab

We all shared a genuine interest  
in science





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## Seminar at GosNIIOKhT





## What happens on the train to Sarov . . .



. . . stays on the train to Sarov

## Board Trip to Novosibirsk





## Nuclear material security in Kazakhstan



Above all we shared a mission



ISTC Staff, Moscow

CC in Tokyo





# Does the Mission End Here?

## NEWS OF THE WEEK

The cleanup is also a major milestone in efforts “to redirect former Iraqi weapons scientists to big projects important for rebuilding their country,” says Phillips. “This project will also build skills that the Iraqis can then apply to other environmental problems facing Iraq,” says John Cochran, an expert on radioactive waste at Sandia National Laboratories in Albuquerque, New Mexico, who is also assisting the Iraqis.

They met at the International Radioecology Laboratory in Slavutych, Ukraine, and in nearby Pripyat, a city drenched in fallout and abandoned when a reactor at the Chernobyl nuclear power plant exploded in 1986. “It’s a reasonable analog for Tuwaitha,” says Hannan.

The demolition job at Tuwaitha is by far the largest single project for redirecting former Iraqi nuclear personnel into civilian work. Not all of Tuwaitha is destined for the scrapheap. The science ministry hopes to convert several intact, clean buildings into a science park. For a nuclear reserve with a checkered past and a radioactive present, that would be a remarkable future indeed.



# A modest revision

- A. The Center shall develop, approve, finance, and monitor science and technology projects **and other activities** for peaceful purposes **[delete: which are to be carried out primarily at institutions and facilities located in the Russian Federation and, if interested, in other states of the CIS and Georgia]**.
- B. The objectives of the Center shall be:
- i. To give **[delete: weapons]** scientists and engineers **[delete, particularly those]** who possess knowledge and skills related to weapons of mass destruction or **[delete missile]** delivery systems **[delete:, in the Russian Federation and, if interested, in other states of the CIS and Georgia, ]** opportunities to redirect their talents to peaceful activities; and
  - ii. To contribute thereby through its projects and activities to:
    - **reducing the threat of proliferation;**
    - **utilizing science and technology to combat terrorism;**
    - the solution of national or international technical problems; and
    - to the wider goals of **[delete reinforcing the transition to market-based economies responsive to civil needs, of ]**
      - supporting basic and applied research and technology development **on issues of global concern**, inter alia, in the fields of environmental protection, energy production, and nuclear safety, and
      - promoting the further integration of scientists **[delete of the states of the CIS and Georgia]** into the international scientific community.

# The Next 5 Years

- As you look ahead:
  - Have vision
  - Be bold
  - Transform

I am a man of fixed and unbending principles, the first of which is to be flexible at all times.

– Sen. Everett Dirksen

Thank you for your attention.

Спасибо за ваше внимание.