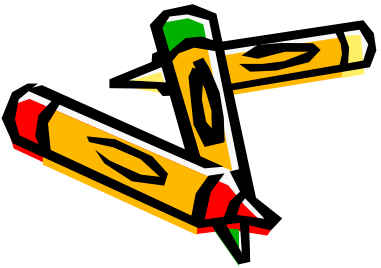
Nuclear Cities Initiative?

Maury Goodman
Argonne National Lab
May 1, 2003

Motivation

- Nuclear Expertise at Argonne
- Reactor Design
  - CP1
- Non-proliferation
  - Met with Armando Travelli & James Matos;
- Suggested funding through "Nuclear Cities Initiative"



ARGONNE NATIONAL LAB
Technology Development DIVISION

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Wednesday, April 23

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PROGRAMS
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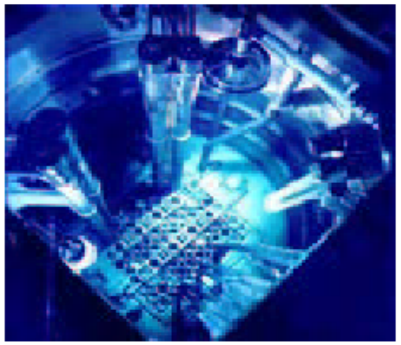
RERTR



The **Reduced Enrichment for Research and Test Reactors (RERTR) Program** was initiated by the United States Department of Energy in 1978 with the mission of developing the technologies necessary to convert research and test reactors from the use of fuels and targets containing highly-enriched uranium (HEU, = or > 20% U-235) to the use of fuels and targets containing low enriched uranium (LEU, < 20% U-235). This mission is consistent with the United States nonproliferation policy goal of minimizing and eventually eliminating the use of highly-enriched uranium in civil programs worldwide.

Contact person for further information:

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e-mail: jmatos@anl.gov

ACTIVIT

FUEL DEVELOPI
Low enriched uranium fue
and test reacto

REACTOR CONVERSIO
Design and safety analyse
and test reacto

MO-99 PRODUC
Radioisotope proc

DOCUME

SPENT FUEL ACCEPTA

REFERENCE DOCU

INTERNATIONAL M

Nuclear Cities Initiative

NUCLEAR CITIES INITIATIVE

- About NCI
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NCI: A Matter of U.S. National Security


Program Structure


Strategies

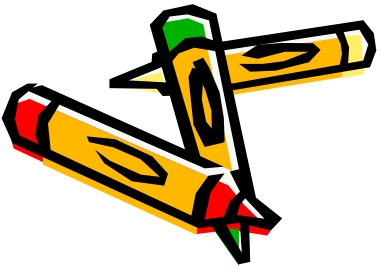

Accomplishments


FAQ

The vision of the Nuclear Cities Initiative is to enhance U.S. and global security by supporting weapons complex reduction in the Russian nuclear cities. NCI seeks to remove functions and equipment from the weapons complex; reduce the physical footprint; and create sustainable, alternative non-weapons work within a functioning city economy.

Closed Cities

- **Zheleznogorsk** ✔
- Snezhinsk
- Sarov



INTERNATIONAL SCIENCE & TECHNOLOGY CENTER

Nonproliferation Through Science Cooperation

The International Science and Technology Center (ISTC) promotes the nonproliferation of weapons technology of mass destruction.

The Center coordinates the efforts of numerous governments, international organizations, and private sector industries to provide weapons scientists from Commonwealth of Independent States (CIS) countries with opportunities to redirect their talents to peaceful science.

ISTC is central in the management of science Partnerships, contributing to Fundamental Research, International Programs, Innovation, and Commercialization by linking the demands of international markets with the exceptional pool of scientific talent available in Russian and CIS institutes.

Visitors are invited to learn more about the Center, benefit from its many resources and programs, and join the global cause of nonproliferation.

Questions or Comments? Do you wish to receive ISTC news by e-mail?
Contact the ISTC in Moscow

New on the Site:

1 April 2003
Statement from the 30th ISTC Governing Board
List of Projects approved at the 30th ISTC Governing Board

Getting Started?

Objectives of the ISTC
ISTC Annual Report 2001
Overview of ISTC activity
Graphs of funded technologies

To Do

- I was given a contact in the Department of Energy
- Haven't touched base with him yet.
- Are there other opportunities for funding?