

**Statement of Intent  
Between  
The Department of Energy of the United States of America  
and  
The State Corporation for Atomic Energy "Rosatom"  
Concerning Collaboration in  
Innovative Technologies for  
Environmental Restoration and Radioactive Waste Management**

The United States Department of Energy (DOE) and the State Corporation for Atomic Energy "Rosatom" (Rosatom), hereinafter collectively the "Participants,"

UNDERSTANDING the importance of open dialogue within the framework of scientific and technical exchange that have the potential of resolving the environmental challenges both Participants' countries are facing; and

NOTING that the Agreement between the Government of the United States of America and the Government of the Russian Federation for Cooperation in the Field of Peaceful Uses of Nuclear Energy of May 6, 2008, has opened the way for closer cooperation between the two countries in the field of environmental restoration and radioactive waste management,

Hereby state their intention as follows:

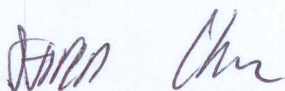
1. The Participants intend to cooperate to promote collaborative research and development efforts in identified areas of mutual interest that are to be carried out in support of U.S. and Russian shared priorities and objectives.
2. The following specific areas have been identified for the exchange of publicly available scientific and technical information; the conduct of seminars and other meetings; and visits of the Participants' personnel to each other's facilities and laboratories:
  - 2.1. Radioactive Waste Management, including:  
Next Generation Melter Technologies  
Separation, Processing and Conditioning Technologies  
Disposal Technologies
  - 2.2. Nuclear Material Disposition, including:  
Spent Nuclear Fuel Management and Storage Technologies
  - 2.3. Deactivation and Decommissioning Approaches, including:  
Technologies and Safety Analysis for Disposal of Nuclear- and Radiation-Hazardous Objects at Site

Decommissioning Nuclear- and Radiation-Hazardous Technologies and Equipment  
Decommissioned Nuclear- and Radiation-Hazardous Facility Monitoring and Sensor Systems Development

- 2.4. Groundwater and Soil Remediation, including:  
Advanced Simulation Capability for Environmental Remediation  
Geological Media Monitoring  
Remediation of Soil Contaminated with Radionuclides or Toxic Metals (such as Mercury)  
In-situ Soil Treatment Technologies and Equipment  
Special Engineering Barriers
3. The Participants may add additional areas of common scientific interest over time, as new information and research and development priorities arise.
  4. The Participants intend to conclude appropriate written agreements for the conduct of collaborative research and development in any mutually decided subject within the areas specified in paragraph 2 of this Statement of Intent (Statement).
  5. The Participants, through DOE's Office of Environmental Management and Rosatom's Directorate for Nuclear and Radiation Safety may commence cooperation under this Statement upon signature.
  6. This Statement does not create any legally binding obligations.
  7. Implementation of the cooperative activities contemplated by this Statement is subject to the availability of funds, personnel, and other resources.
  8. Activities under this Statement may be discontinued at any time by the Participants' mutual consent in writing. Alternatively, a Participant that wishes to discontinue its participation in this Statement should provide at least 60 days advance notice in writing to the other Participant.

Signed at Vienna, Austria, in duplicate, this 17 day of September, 2012, in the English and Russian languages.

FOR THE DEPARTMENT OF ENERGY  
OF THE UNITED STATES OF AMERICA:



FOR THE STATE CORPORATION  
FOR ATOMIC ENERGY "ROSATOM":

