Lead Organization	Project Title
Argonne National Laboratory	Tc(VII) Separations and Electrochemical Disposition in Ionic Liquids
IBM Corporation	Advanced Computing and Simulation
Idaho National Laboratory	Nuclear oxide Fuel Fabrication and Process Modeling Utilizing Field Activation and Employing the Spark Plasma Sintering Method
Idaho National Laboratory	Thermodynamics and Kinetics of Actinide Partitioning in Advanced Fuel Cycle Systems
Idaho State University	Hybrid-K-edge/X-ray Fluorescence Densitometry with Laser-Compton Scattered X-rays
JAI Corporation of Virginia	Systems Analysis of an Advanced Nuclear Fuel Cycle Based on a Modified UREX+3c Process
Los Alamos National Laboratory	Improved Processing and Fabrication in Advanced, Radiation-Tolerant ODS Steels
Los Alamos National Laboratory	Simulation of Metal Fuel Casting for process Development
Los Alamos National Laboratory	Thermomechanical Modeling of a Generic Salt Repository for HLW
Oak Ridge National Laboratory	Physics-Based Models for 3D Predictive Simulation of Fast Reactor Fuel
Oak Ridge National Laboratory	Sodium Compatibility of Advanced Fast Reactor Materials
Pacific Northwest National Laboratory	Key Technology Demonstration for Under Sodium Viewing (USV)
Pacific Northwest National Laboratory	Simplifying Spent Fuel Preprocessing Using Dissolution in a Carbonate-Peroxide Solution
Sandia National Laboratory	GNEP Core Infrastructure Transportation Analyses
Sandia National Laboratory	Use of Nanocomposite Materials (SNL-NCP) to Entrap and Immobilize Highly Volatile/Soluble Radionuclides
Savannah River National Laboratory	Elimination of the Acetic Acid Waste Stream from the UREX Process
University of California at Berkley	Scoping Study for Advanced Seismic Base Isolation Methods for Fast Burner Reactors
University of Idaho	A Comparative Study of Welded ODS Cladding Materials for AFCI/GNEP Applications
University of Idaho	Conjugates of Actinide Chelator-Magnetic Nanoparticles for Used Fuel Separation Technology
University of Nevada at Las Vegas	Development and Quantification of US-Visible and Laser Spectroscopic Techniques for Materials Accountability and Process Control