

**STATEMENT OF INTENT
BETWEEN
THE DEPARTMENT OF ENERGY
OF THE UNITED STATES OF AMERICA
AND
THE NATIONAL ENERGY ADMINISTRATION
OF THE PEOPLE'S REPUBLIC OF CHINA
CONCERNING A JOINT IRRADIATION TESTING PROGRAM
AT THE CHINA EXPERIMENTAL FAST REACTOR**

The Department of Energy of the United States of America (DOE) and the National Energy Administration of the People's Republic of China (hereinafter referred to as the "Participants"),

Noting the *Agreement for Cooperation between the Government of the United States of America and the Government of the People's Republic of China Concerning Peaceful Uses of Nuclear Energy*, signed at Washington on July 23, 1985;

Noting the *United States - China Bilateral Civil Nuclear Energy Cooperative Action Plan*, signed at Vienna on September 18, 2007;

Affirming the desire to encourage cooperation in the advancement of civilian nuclear energy technologies in ways that are complementary and mutually beneficial;

Acknowledging that both countries share a mutual interest in fostering advanced metallic fuel technologies for fast reactor applications, as well as advanced cladding materials to support advanced fuel technologies; and

Recognizing the contribution such research and development in the field of civilian nuclear energy applications can make to further the safe and economic application of nuclear energy in both countries,

State their intention as follows:

1. The Participants intend to encourage and foster the conduct of a joint irradiation testing program at the China Experimental Fast Reactor (CEFR) of the China Institute of Atomic Energy (CIAE). Specific activities under the proposed testing program may include a series of experiments involving advanced nuclear fuels and materials, and related post-irradiation examinations. The starting time of the collaborative activities should be determined according to the operation condition of the CEFR.

2. The Participants' collaboration on the testing program is intended to be exclusively for peaceful purposes, and the Participants commit to use the results of such collaboration exclusively for peaceful purposes.

3. Each Participant intends to conduct the testing program in accordance with all applicable laws of its respective country and international agreements to which its government is party.

4. The testing program is intended to be implemented under a Cooperative Research and Development Agreement (CRADA) between CIAE and one or more DOE national laboratories. The CRADA should address all relevant provisions necessary for the effective implementation of the testing program including, without limitation, costs, schedule, sharing of publicly available information, and the protection and allocation of intellectual property arising from the testing program.

5. This Statement of Intent does not constitute a legally binding agreement. Nothing in this Statement of Intent should be interpreted as creating legal rights for or obligations on the Participants.

Signed at Beijing, in duplicate, this fourth day of September 2014, in the English and Chinese languages.

For the Department of Energy
of the United States of America:



For the National Energy
Administration of the People's
Republic of China:

