#### STATEMENT OF INTENT

## **BETWEEN**

## THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA

## AND

# THE MINISTRY OF ECONOMY, TRADE AND INDUSTRY OF JAPAN

#### CONCERNING

# RESEARCH AND DEVELOPMENT AND INDUSTRIAL COOPERATION IN THE AREA OF CIVIL NUCLEAR ENERGY

The Department of Energy of the United States of America (DOE) and the Ministry of Economy, Trade and Industry of Japan (METI), hereinafter referred to individually as a "Participant" and collectively as the "Participants";

RECOGNIZING their existing cooperation under the Civil Nuclear Energy Research and Development and Decommissioning and Environmental Management Working Groups of the U.S.-Japan Bilateral Commission on Civil Nuclear Cooperation, including the Implementing Arrangement between DOE and METI Concerning Cooperation in the Field of Nuclear Energy-Related Research and Development of May 3, 2013;

SEEKING to promote the global leadership role of the United States of America and Japan in the area of civil nuclear energy, which is considered a source of affordable, reliable, and clean baseload power, with the major premise of ensuring its safety;

REAFFIRMING their commitment to existing cooperation and their ongoing desire to pursue a more comprehensive partnership;

NOTING the special bond that exists between the United States of America and Japan, as exemplified by the response to the incident at Fukushima Daiichi nuclear power station and cooperation on its decommissioning and decontamination; and

DESIRING to strengthen that bond through greater industrial cooperation;

State their intention as follows:

Section 1: Planned Areas of Cooperation

The Participants recognize the special importance of, and intend to further strengthen, their cooperation in the following areas:

- 1. Civil Nuclear Technology Research and Development
  - a. Cooperation under the Civil Nuclear Energy Research and Development Working Group in areas such as fast reactors, light water reactors, nuclear fuel cycle and management of nuclear waste;
  - b. Cooperation under the Decommissioning and Environmental Management Working Group; and
  - c. Cooperation between DOE National Laboratories and Japan in the areas of decommissioning & decontamination.

# 2. Industrial Cooperation

- a. The Participants welcome ongoing and future cooperation between U.S. and Japanese companies, dialogue between U.S. and Japanese utilities, safety improvements such as industrial peer reviews and risk-informed decision making, and additional forms of industrial cooperation as appropriate;
- b. The Participants, cooperating with the Department of Commerce of the United States of America (DOC), intend to support U.S.-Japan commercial cooperation including decommissioning and decontamination at the Fukushima Daiichi nuclear power station and other reactors;
- c. The Participants intend to support DOC to hold a forum on decommissioning and decontamination in Japan in 2018 to share lessons learned in strategic planning, management oversight, and stakeholder engagement for further U.S.-Japan commercial cooperation in these areas;
- d. The Participants welcome the progress of cooperation between U.S. and Japanese companies in international new build projects to strengthen the competitiveness of the U.S. and Japanese industries, and encourage discussion towards further cooperation in the areas of future advanced reactor development, including small modular reactors; and
- e. The Participants intend to develop a future ministerial-level document in collaboration with DOC and relevant ministries, as well as future cooperation under the U.S.-Japan Economic Dialogue.

### Section 2: General Considerations

- 1. This Statement of Intent may continue unless discontinued by either Participant. If either Participant wishes to discontinue this Statement, it should provide written notice to the other Participant ninety (90) days in advance of the date of discontinuation.
- 2. This Statement may be modified at any time upon mutual written consent of the Participants.
- 3. Each Participant is responsible for its costs of participating in the cooperative activities under this Statement, unless specified otherwise in writing by the Participants.

- The conduct of cooperative activities under this Statement is subject to the availability of appropriated funds, technical resources, and personnel.
- The Participants do not anticipate the generation of intellectual property arising from activities under this Statement, or the exchange of business-confidential information. If the Participants decide that a particular activity may lead to the creation of intellectual property or the exchange of business-confidential information, they should consult with each other and make appropriate written arrangements for the protection and allocation of such intellectual property and the protection of such business-proprietary information.
- This Statement does not create any legally binding rights or obligations between the Participants.

Signed in duplicate.

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

Date:

Place:

Octobro 17,

TOKYO, Japan

FOR THE MINISTRY OF ECONOMY, TRADE AND INDUSTRY OF JAPAN:

四千年 %

Date: Place: