#### MEMORANDUM OF UNDERSTANDING BETWEEN

## THE MINISTRY OF SCIENCE, ICT AND FUTURE PLANNING OF THE REPUBLIC OF KOREA

AND

# THE DEPARTMENT OF ENERGY AND CLIMATE CHANGE OF THE UNITED KINGDOM OF GREAT BRITAIN AND NORTHERN IRELAND CONCERNING COOPERATION IN ADVANCED DECOMMISSIONING TECHNOLOGY DEVELOPMENT

The Ministry of Science, ICT and Future Planning of the Republic of Korea and the Department of Energy and Climate Change of the United Kingdom of Great Britain and Northern Ireland (hereinafter referred to as "the Participants");

AFFIRMING the co-operative and friendly relationship existing between the Participants and believing that bilateral cooperation will further contribute to the development of the two countries;

DESIRING to facilitate cooperation in the field of peaceful uses of civil nuclear energy on the basis of the Agreement between the Government of the Republic of Korea and the Government of United Kingdom of Great Britain and Northern Ireland for Cooperation in the Peaceful Uses of Nuclear Energy signed on November 27, 1991;

ACKNOWLEDGING the mutual interest in the development of advanced decommissioning technologies and BEING CONVINCED that a Memorandum of Understanding (hereinafter referred to as the "MOU") can contribute to intensifying cooperation in the field of peaceful uses of civil nuclear energy and that the cooperation will lead to the establishment of mutual benefits;

Have reached the following understanding:

#### PARAGRAPH I PURPOSE

The Participants may, on the basis of, mutual benefit and reciprocity, encourage and promote research cooperation with a view to contributing to the advancement of decommissioning technology development with respect to the peaceful uses of civil nuclear energy, in accordance with their respective national development programmes and applicable laws and regulations, including relevant Euratom and international treaties requirements.

#### PARAGRAPH II AREAS OF COOPERATION

The areas of cooperation will include, but not be limited to;

- A. Facilitating collaboration between United Kingdom research providers and Republic of Korean technology developers to support the demonstration of commercial applicability for new technologies;
- B. R&D for advanced decommissioning technologies such as carbowaste treatment technology and remote decommissioning technology;
- C. R&D for advanced reactor technologies and fuels; and
- D. Other areas of decommissioning technology development as may be jointly decided by the Participants in writing.

#### PARAGRAPH III FORMS OF COOPERATION

Cooperation carried out under the MOU will be implemented through;

- A. Exchange of scientific and technical information;
- B. Exchange of scientists and technical staff;
- C. Development and implementation of education and training programmes;
- D. Visits of individuals or teams between the Participants;
- E. Development and implementation of joint projects;
- F. Organisation of, and participation in, seminars, workshops and other meetings; and
- G. Other forms of cooperative activities as may be jointly decided upon by the Participants in writing.

### PARAGRAPH IV IMPLEMENTATION

- 1. The Participants may organise joint meetings, seminars or workshops in order to identify potential cooperative areas or to assess and adjust their implementation of the MOU. The joint seminars or workshops will be held when and where the Participants agree.
- 2. The Participants may operate or participate in education and training programmes to promote development of staff expertise.

- 3. The implementation of programmes, projects and other forms of cooperation referred to in the MOU, and the details thereof, may be the subject of implementing arrangements to be entered into by the Participants.
- 4. As a first step under the MOU the United Kingdom Government will host a nuclear cooperation meeting in 2014 to discuss the status of civil nuclear energy policy in both countries, the development of technology related to civil nuclear energy and radiation, and the development of technology and services to dismantle nuclear power facilities. It will include academic institutions with a view to boosting UK-Korean joint research on civil nuclear and specifically in the field of decommissioning. A key part of the discussion will be how to restore public opinion on nuclear in the wake of Fukushima. Additional topics can be included and the meeting can be rescheduled subject to mutual agreement.

#### PARAGRAPH V COORDINATION

Each Participant will appoint a liaison officer(s) to promote and support cooperation activities among relevant organisations, and ensure that the forms of co-operation for the purposes set out in the MOU are appropriately implemented. All communication concerning the MOU shall be made through the liaison officers and any changes in their information shall be notified to the other Participant promptly.

The liaison officers appointed are as follows:

For the Republic of Korea

Name: Mr. Dae ki Kim

Position: Director of Space & Nuclear Cooperation Division

For the United Kingdom

Name: Mr Si Dilks

Position: Assistant Director, Nuclear R&D and Safety Policy

PARAGRAPH VI GENERAL PROVISION

- 1. All financial arrangements to pursue any of the above activities are to be negotiated in advance for each specific case. Unless otherwise decided upon in writing, all costs arising from activities under the MOU will be borne by the Participant that incurs them.
- 2. Any differences or disputes arising from the interpretation or application of the MOU, or any other resulting disputes, shall be settled by an amicable effort by both Participants.
- 3. The Participants consent that, relating to copyright and other intellectual property benefits, a further arrangement must be established in each case in accordance with the policies of the Participants on intellectual property and respecting applicable laws on non-proliferation.
- 4. Each Participant shall undertake necessary measures to avoid uncontrolled distribution of confidential information communicated between the respective Governments.

## PARAGRAPH VII ENFORCEMENT, AMENDMENT AND TERMINATION

- 1. The MOU will come into effect on the date of signature.
- 2. The MOU is not intended to create any legally binding obligations. Nothing in the MOU will alter or affect any existing agreements between the Participants. The Participants acknowledge that the MOU shall not be deemed as an international agreement and shall not create legal obligations governed by international law.
- 3. The MOU will be valid for an initial period of 5 years and thereafter is automatically extended, unless either Participant gives notice to terminate it, such notice to be given 3 months in advance of the expiration of the 5 year period. Thereafter, this agreement may be terminated by either Participant giving 3 months' notice.
- 4. Either Participant may propose an amendment by means of written notice to the other Participant, or the amendment will be effected by mutual written consent between the Participants.
- 5. In circumstances where the MOU expires or is terminated, the Participants may decide to continue joint activities, which are not completed at the time of termination or expiration of the MOU until such activities are completed under the provisions of the MOU.

IN WITNESS WHEREOF, the undersigned, being duly authorised thereto by their respective Governments, have signed this Memorandum of Understanding.

Signed in duplicate at Department of Energy and Climate Change, on this 6 November 2013, in English.

FOR THE MINISTRY OF SCIENCE, ICT AND FUTURE PLANNING OF THE REPUBLIC OF KOREA

Choi Munker

FOR THE DEPARTMENT OF ENERGY AND CLIMATE CHANGE
OF THE KINGDOM OF GREAT BRITAIN
AND NORTHERN IRELAND

MUN-KEE CHOI

MINISTER OF SCIENCE, ICT AND FUTURE

**PLANNING** 

**EDWARD DAVEY** 

SECRETARY OF STATE FOR ENERGY

AND CLIMATE CHANGE