PROJECT ANNEX

BETWEEN

THE DEPARTMENT OF ENERGY OF THE UNITED STATES OF AMERICA

AND

THE MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY OF THE REPUBLIC OF KOREA

FOR

COOPERATION IN THE AREA OF FUSION ENERGY RESEARCH AND RELATED FIELDS

The Department of Energy of the United States of America and the Ministry of Education, Science and Technology of the Republic of Korea (hereinafter jointly referred to as the "Parties"):

Noting the Agreement Relating to Scientific and Technical Cooperation between the Government of the United States of America and the Government of the Republic of Korea of July 2, 1999 (hereinafter referred to as the S&T Agreement);

Noting the Implementing Arrangement between the Department of Energy of the United States of America and the Ministry of Education, Science and Technology of the Republic of Korea for Cooperation in the Area of Fusion Energy Research and Related Fields signed June 15, 2010 (hereinafter referred to as the Implementing Arrangement);

Desiring to obtain synergies through exchanging human resources, experiences, skills, capabilities, equipment and through utilization of research facilities that the Parties have to expedite realization of fusion energy; and

Acting in accordance with Article III of the Implementing Arrangement,

Have agreed as follows:

Section 1
OBJECTIVE

The objective of this Project Annex is to promote scientific and technological cooperation between the Parties in fusion energy research and related fields in order to enhance the Parties' capabilities to make positive contributions in these fields for their mutual benefit.

Section 2
TECHNICAL SCOPE

2.1 The technical scope of the Project Annex is as follows:

(a) Research collaborations including involvement of researchers of the Parties in tokamak research on the Korea Superconducting Tokamak Advanced Research (KSTAR) and other fusion research facilities in Korea and the National Spherical Torus Experiment (NSTX) at the Princeton Plasma Physics Laboratory, Doublet III-D at General Atomics in San Diego, CA, and other fusion research facilities in the United States;

(b) Research on the pathway to realizing fusion energy, including the pre-conceptual design of next-step fusion nuclear facilities such as the First Phase DEMO Plant of Korea (K-DEMO);

(c) Research on fusion science, technology, theory, advanced computation, modeling, and simulation; and

(d) Research on related fields to realize fusion energy, as agreed upon by the Parties.

2.2 The specific scope of the cooperation is to be defined in the Task Agreements cited in Section 3 hereinafter.

2.3 Meetings and workshops may be organized by the Parties to exchange information and discuss the implementation of this Project Annex.

Section 3
TASK AGREEMENTS

3.1 A Task Agreement shall define the detailed provisions for carrying out the specific collaborative tasks, including such matters as technical scope, confidential information to be exchanged, intellectual property rights, division of responsibilities, a management plan, organization, total costs, cost sharing, schedule, and periods of performance.

3.2 Each Task Agreement shall be subject to approval of the Principal Coordinators identified in Article IV.A. of the Implementing Arrangement.

Section 4
MANAGEMENT

4.1 A Technical Coordinator appointed by the Principal Coordinators shall facilitate and supervise activities under this Project Annex.

4.2 The Technical Coordinators shall develop their own procedures to fulfill their functions as agreed by the Principal Coordinators.

Section 5
EXCHANGE OF PERSONNEL

Each Party may assign its appropriate staff to the other Party to conduct the activities planned under this Project Annex. Such exchanges of personnel shall be in accordance with Article VI of the Implementing Arrangement.

Section 6
EXCHANGE OF EQUIPMENT

The Parties may exchange equipment needed for carrying out the collaborative program. Such exchanges of equipment shall be in accordance with Article VII of the Implementing Arrangement.

Section 7
INFORMATION USE AND DISCLOSURE

Information use and disclosure under this Project Annex shall be in accordance with Article VIII of the Implementing Arrangement.

Section 8
GENERAL PROVISIONS

8.1 This Project Annex is subject to and governed by the Implementing Arrangement, which is, in turn, subject to the S&T Agreement.

8.2 Each Party shall conduct the cooperation contemplated by this Project Annex in accordance with applicable laws and regulations to which it is subject, including those relating to export controls, and international agreements to which its government is party.

8.3 Any questions of interpretation, or implementation relating to this Project Annex arising during its term shall be resolved by consultations between the Parties in accordance with Article IX of the Implementing Arrangement.

8.4 Any ongoing joint activities, projects, experiments, including Task Agreements for this Project Annex, not completed at expiration or termination of the Implementing Arrangement may be continued until their completion in accordance with Article X.D. of the Implementing Arrangement, so long as the Implementing Arrangement remains in force.

Section 9

ENTRY INTO FORCE, AMENDMENT, AND TERMINATION

9.1 This Project Annex shall enter into force upon signature, shall continue for a three (3) year period, unless earlier terminated by one of the Parties, and may be extended or amended by written agreement of the Parties, provided that the Implementing Arrangement remains in force.

9.2 This Project Annex may be terminated at any time by the written agreement of both Parties; or at the discretion of either Party, upon sixty (60) days advance notification in writing by the Party seeking to terminate this Project Annex.

IN WITNESS WHEREOF, the undersigned, duly authorized, have signed this Project Annex in duplicate.

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

Edmund Synakowski
Associate Director
for Fusion Energy Sciences
Office of Science

Date: Sept. 7, 2012
Place: Washington, DC

FOR MINISTRY OF EDUCATION, SCIENCE AND TECHNOLOGY OF THE REPUBLIC OF KOREA:

Seong Hoon Yoon
Director
for Fusion R&D Support Team
Office of R&D Policy

Date: Sept. 21, 2012
Place: Seoul