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MEMORANDUM OF UNDERSTANDING  
BETWEEN  
THE GOVERNMENT OF THE UNITED STATES OF AMERICA  
AND  
THE GOVERNMENT OF THE HASHEMITE KINGDOM OF JORDAN  
CONCERNING COOPERATION IN NUCLEAR ENERGY AND OTHER ENERGY  
FIELDS

The Government of the United States of America and the Government of the Hashemite Kingdom of Jordan, hereinafter the "Participants",

ACKNOWLEDGING the need to consider an appropriate mix of environmentally safe and secure sources of energy, including nuclear power, to meet the needs of their respective countries' populations;

RECOGNIZING the need to address challenges of growing energy needs facing both Participants' countries, as well as the broader international community, in a manner that contributes to reducing the harmful effects of greenhouse gases on the global climate;

AFFIRMING the vision and goals of the Global Nuclear Energy Partnership, which seeks the safe, secure and environmentally sustainable development of civilian nuclear energy for peaceful purposes and in a manner that supports nuclear nonproliferation and international safeguards;

UNDERSCORING the shared commitment of both Participants to preventing nuclear proliferation and to strengthening the nuclear non-proliferation regime;

AFFIRMING their strong support for the Treaty on the Non-Proliferation of Nuclear Weapons and for the safeguards system of the International Atomic Energy Agency (IAEA), including the Additional Protocol;

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ACKNOWLEDGING their common responsibility to fulfill the requirements of relevant United Nations Security Council Resolutions, including Resolution 1540;

AFFIRMING the intent of the Hashemite Kingdom of Jordan (hereinafter "Jordan"), consistent with the vision of the Global Nuclear Energy Partnership, to rely on existing international markets for nuclear fuel services as an alternative to the pursuit of enrichment and reprocessing, and the intent of the United States to support these international markets in order to ensure reliable fuel supply for Jordan;

HAVE REACHED THE FOLLOWING UNDERSTANDING:

(1) The Participants intend to cooperate, subject to their respective national laws, in the following areas:

-- development of agreed requirements for grid-appropriate power reactors and fuel service arrangements for Jordan, in a manner that is consistent with the Global Nuclear Energy Partnership;

-- promotion of the establishment of a reliable source of nuclear fuel for future civilian light water nuclear reactors deployed in Jordan;

-- development of Jordan's civilian nuclear energy use in a manner that contributes to global efforts to prevent nuclear proliferation;

-- civilian nuclear energy training, human resource and infrastructure development, and appropriate application of civilian nuclear energy and related energy technology, in accordance with evolving IAEA guidance and standards on milestones for infrastructure development;

-- application of radioisotopes and radiation in industry, agriculture, medicine and the environment;

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-- radiation protection and management of radioactive waste and spent fuel;

-- nuclear safety, security, safeguards and nonproliferation, including physical protection, export control and border security;

-- identification of uranium mining and milling resources; and

-- other areas of cooperation as may be determined by the Participants.

(2) The cooperation may be undertaken in the following forms:

(a) exchange of scientific and technical information and documentation;

(b) exchange and training of personnel;

(c) organization of symposia and seminars;

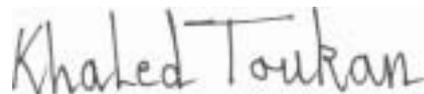
(d) provision of relevant technical assistance and services;

(e) other forms of cooperation as may be mutually determined by the Participants.

Signed at Vienna, in duplicate, the 16 day of September, 2007.



FOR THE GOVERNMENT OF  
THE UNITED STATES  
OF AMERICA:



FOR THE GOVERNMENT OF  
THE HASHEMITE KINGDOM  
OF JORDAN: