

**MEMORANDUM OF UNDERSTANDING**  
**BETWEEN**  
**THE GOVERNMENT OF THE SOCIALIST REPUBLIC OF VIETNAM**  
**AND**  
**THE GOVERNMENT OF THE UNITED STATES OF AMERICA**  
**CONCERNING COOPERATION IN THE NUCLEAR ENERGY FIELD**

The Government of the Socialist Republic of Vietnam and the Government of the United States of America, 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;

NOTING their ongoing cooperation in the field of peaceful uses of nuclear energy through the Arrangement Between the Department of Energy of the United States of America and the Ministry of Science and Technology of the Socialist Republic of Vietnam for Information Exchange and Cooperation in the Peaceful Uses of Nuclear Energy, signed on 20 August 2007;

NOTING also their ongoing cooperation in the field of nuclear regulation through the Arrangement Between the Nuclear Regulatory Commission of the United States of America and the Agency for Radiation and Nuclear Safety and Control of the Socialist Republic of Vietnam for the Exchange of Technical Information and Cooperation in Nuclear Safety Matters, with addenda, signed at Washington on 25 June 2008;

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 done at Washington, London, and Moscow July 1, 1968, and for the safeguards system of the International Atomic Energy Agency (IAEA), including the Additional Protocol to IAEA comprehensive safeguards agreements (INFCIRC 153);

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

AFFIRMING the intent of the Socialist Republic of Vietnam (hereinafter “Vietnam”) to rely on existing international markets for nuclear fuel services, rather than acquiring sensitive nuclear technologies, as a solution for peaceful, safe and secure uses of civilian nuclear energy, and the intent of the United States to support these international markets in order to ensure reliable nuclear fuel supply for Vietnam;

HAVE REACHED THE FOLLOWING UNDERSTANDING:

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

- development of requirements for power reactors and fuel service arrangements for Vietnam;
- promotion of the establishment of a reliable source of nuclear fuel for future civilian light water nuclear reactors deployed in Vietnam;
- development of Vietnam’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;
- radiation protection and management of radioactive waste and spent fuel;
- nuclear safety, security, safeguards and nonproliferation, including physical protection, export control and border security; 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 Hanoi, the Thirty day of March, 2010, in duplicate, in the English and Vietnamese languages. All texts are equally official.

FOR THE GOVERNMENT OF  
THE SOCIALIST REPUBLIC OF VIETNAM:



Mr. Le Dinh Tien  
Vice Minister of Science and Technology

FOR THE GOVERNMENT OF  
THE UNITED STATES OF AMERICA:



Mr. Michael W. Michalak  
U.S. Ambassador