

Annex XI

To the Agreement Between the Department of Energy
of the United States

and the U.S.-Spain Joint Committee for
Scientific and Technological Cooperation

in

Mesons and Quarks in Nuclei

WHEREAS, the Department of Energy of the United States (hereinafter referred to as "DOE") and the U.S.-Spain Joint Committee for Scientific and Technological Cooperation (hereinafter referred to as the "Joint Committee") have entered into an agreement in Energy Research and Development signed on December 12, 1985 (hereinafter referred as the "Agreement");

WHEREAS, DOE and the Joint Committee (hereinafter referred to as the "Parties") recognize that it would be beneficial to cooperate in the field of mesons and quarks in nuclei.

Therefore, the Parties agree as follows:

ARTICLE 1

SCOPE

1. The Parties shall cooperate through an exchange of information in accordance with this Annex, the Agreement and Appendix I to the Agreement.

2. The objective of this collaborative research effort is to study nuclear dynamics by performing experiments involving pion scattering and to develop models of the nucleus using quark degrees of freedom.

3. DOE, through Los Alamos National Laboratory, shall perform pion-scattering and high-energy pion reactions at the Los Alamos Meson Physics Facility (LAMPF). In accordance with the policy of making LAMPF available for international collaborative research, faculty and students from Universidad de

Valladolid shall participate in the conduct of these experiments and in the development of models of the nucleus.

4. The Joint Committee, represented by Universidad de Valladolid, shall participate in the experiments conducted by LAMPF, and shall provide expertise in the field of pion many-body dynamics to the development of models of the nucleus.

5. DOE and the Joint Committee shall exchange information on subnuclear dynamics and on the application of high-energy probes in the analysis of these types of problems.

ARTICLE 2

INFORMATION

1. The Parties agree that information provided, exchanged or arising under this Annex may be given wide distribution, subject to the provisions of Article 3. Such information may be made available to the public by either Party through customary channels and in accordance with normal procedures of the Parties.

2. The application or use of any information provided, exchanged or arising under this Annex shall be the responsibility of the Party receiving it, and the other Party does not warrant the suitability of such information for any particular use or application.

3. For the purpose of this Article, the term "Parties" shall mean DOE and the Government of Spain.

ARTICLE 3

PATENTS

1. With respect to any invention or discovery made or conceived in the course of or under this Annex:

(A) The Government of Spain shall acquire all right, title and interest in and to any such invention or discovery in Spain, subject to a non-exclusive, irrevocable, non-transferable, royalty-free license to DOE, its Government, and its nationals;

(B) DOE shall acquire all right, title and interest in and to any such invention or discovery in the United States, subject

to a non-exclusive, irrevocable, non-transferable, royalty-free license to the Government of Spain and its nationals; and

(C) Ownership of any such invention or discovery in third countries shall be the mutual written agreement between the Parties on an equitable basis and set forth as an amendment to this Annex. In any event, the Party obtaining all right, title and interest in and to any such invention or discovery shall do so subject to a non-exclusive, irrevocable, non-transferable, royalty-free license to the other Party, its Government, and its nationals. If the Party having first option to file in accordance with the amendment to this Annex does not wish to exercise that option as to any third country, that Party shall notify the Joint Committee, and the other Party then has the right to take title in such country, subject to a non-exclusive, irrevocable, non-transferable, royalty-free license to the other Party, its Government, and its nationals.

2. Information regarding inventions on which patent protection is to be obtained shall not be published or publicly disclosed by the Parties until a patent application has been filed in either country of the Parties; provided, however, that this restriction on publication or disclosure shall not extend beyond six months from the date of reporting of the invention. It shall be the responsibility of the Party reporting the invention to the other Party to mark appropriately reports which disclose inventions that have not been appropriately protected by the filing of a patent application.

3. Each Party shall take all necessary and appropriate steps to provide for the cooperation of its authors and inventors which is required to carry out the provisions of this Article and Article 2. Each Party shall assume the responsibility for any awards or compensation to be paid to its nationals in accordance with its laws and regulations.

4. For the purpose of this Article, the term "Parties" shall mean DOE and the Government of Spain.

ARTICLE 4

MANAGEMENT

The Program Coordinators for this Annex shall be:

For the DOE, William Wallenmeyer, Office of Energy Research.

For the Joint Committee, Eulogio Oset, Facultad de Ciencias, Universidad de Valladolid.

The Principal Investigator for this Annex shall be Mikkel B. Johnson, Los Alamos National Laboratory.

ARTICLE 5

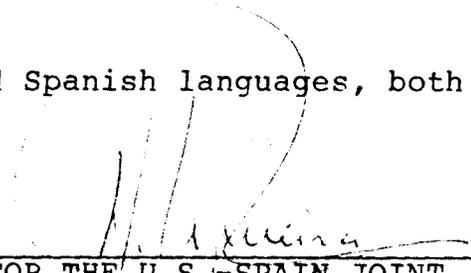
DURATION

This Annex is effective upon the date of the last signature and shall continue for 3 years.

Done in duplicate in the English and Spanish languages, both texts being equally authentic.



FOR THE DEPARTMENT OF ENERGY
OF THE UNITED STATES OF
AMERICA



FOR THE U.S.-SPAIN JOINT
COMMITTEE FOR SCIENTIFIC AND
TECHNOLOGICAL COOPERATION

DATE: October 27, 1986

DATE: November 18, 1986