

# **FUSION POWER RESEARCH AND DEVELOPMENT**

## **Proposed Legislation**

### **UNITED STATES LABOR PARTY**

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|                  |                                 |                      |                       |
|------------------|---------------------------------|----------------------|-----------------------|
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## **Preamble**

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At the present point in the historical evolution of mankind, the future existence of humanity depends upon the development of an immediate solution to the energy crisis.

The amount of energy required to bring worldwide humanity to a minimum level of consumption and production necessary for human survival forces us to develop new energy resources.

The development of controlled nuclear fusion places the solution to this energy crisis within our immediate grasp. Controlled fusion would produce 500 billion times more energy than present worldwide energy consumption. Fusion power would provide the technological basis urgently required for expanded industrial production and the alleviation of the worldwide food crisis.

For too long agencies of the United States government, the Atomic Energy Commission and the Department of Defense, have hidden the possibilities of the development of controlled nuclear fusion from the eyes of the American people.

For too long, these government agencies, under the influence of the Rockefeller and Bechtel families, have sabotaged the scientific development of controlled fusion by denying scientists the necessary funds, facilities, information, and even freedom of research, for its practical realization.

Instead these agencies have adopted a policy of the construction of nuclear fission fast-breeder reactor plants which every day threaten to annihilate whole sections of the American population — a policy of criminal irresponsibility.

Instead these agencies have offered the construction of huge "energy development" projects as the solution to the energy crisis. These projects, based on primitive methods of "coal gassification," now threaten to destroy America's vast natural resources and require the relocation of millions of workers necessary for vital industrial production.

Such a solution represents a policy of criminal waste designed only for the benefit of the Rockefeller-controlled interests which invest in these "energy development" projects.

Nuclear fusion power will provide the technological basis to re-vitalize the machine tool industry and halt the destruction of the productive economy. Controlled fusion will provide the advanced industrial sector of the world, concentrated in the United States, with the immediate capacity to lift the unemployed millions of the Third World developing countries out of their misery and provide those millions with an opportunity for productive human lives.

Any further delay in the development of controlled fusion is a policy which can only result in the destruction of the productive capacities of present and future humanity.

Nuclear fusion power will provide the energy required for vast irrigation and technology necessary for the emergency expansion of food production. Within eight years, each human being in the world will be assured an adequate nutritional diet. Controlled fusion would halt the now rapidly declining consumption of protein — below minimum requirements — in the advanced sector. It would alleviate the starvation and malnutrition which condemn millions of Third World victims to a slow process of death from the time they are born. It would end the scourge of famine now advancing through Africa.

Today any further delay in the development of nuclear fusion power becomes a conscious and willful policy of mass genocide.

With the passing of this Bill the Congress of the United States commits itself to the development of nuclear fusion power and the future survival of the human race.

## A BILL

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To establish a national crash program for research and development of controlled thermonuclear fusion technology and energy production.

Be it enacted by the Senate and the House of Representatives of the United States of America (assembled) in Congress, that this Act may be cited as the "Federal Fusion Energy and Technology Research and Development Act of 1974."

### **SECTION 1:** The Congress hereby finds that:

- (a) The immediate development of controlled fusion is of priority concern to the Nation and World.
- (b) The major reason for the Nation's past failure to develop controlled fusion has been the lack of an aggressive research and development strategy designed to bring the necessary resources to bear on the problem.
- (c) The neglect of potential controlled fusion resources has led to deficiencies in the Nation's array of available material resources.
- (d) The Nation's energy and resource requirements can be met if a national commitment is made now to dedicate the necessary financial resources, to enlist our scientific and technological capabilities, and to accord the proper priority to developing controlled fusion to serve national needs, conserve vital resources, and protect the environment.
- (e) The urgency of the Nation's and World's resource problems requires a commitment similar to those undertaken in the crash development Manhattan and Apollo projects; it requires that the Nation undertake a long-range, top-priority, research and development program in cooperation with all interested nations of the world.
- (f) In order to guarantee the integrity of such a crash development fusion program, Congress will initiate an immediate public inquiry into the possibility that criminal neglect and sabotage are responsible for the failure of the Nation to have previously developed controlled fusion. This Congressional investigation will run concurrently with the implementation of the crash development fusion program.

### **GENERAL POLICY**

#### **SECTION 2:** The Congress hereby declares as policy:

- (a) A National Department for Development of Controlled Fusion will be immediately established to carry out a national crash program of basic and applied research and development, including demonstrations of practical applications, with respect to all applications of controlled fusion.
- (b) The Department for Development of Controlled Fusion (DDCF) will be directly responsible to Congress as a whole and will provide monthly public reports on progress of the crash program.
- (c) The DDCF shall promptly make all records available for public inspection and copying at reasonable rates.

**SECTION 3:** The Congress authorizes and directs that, to the fullest extent possible, the Department for Development of Controlled Fusion authorized by this ACT shall design and execute its activities according to the following principles:

- (a) All patent and proprietary rights which bear upon controlled fusion or its development or applications will be held in abeyance.
- (b) The DDCF will cooperate with all other national and international efforts directed toward development of controlled fusion.

**SECTION 4:** The Congress further authorizes the Department for Development of Controlled Fusion to:

- (a) Review the current status of all research efforts into controlled fusion and furnish a full report to the Congress and the Nation within two months after the enactment of this bill.
- (b) Form a committee of the Nation's leading scientists and engineers to review current and projected fusion research efforts and develop a detailed crash program beyond that program outlined herein. This review will be reported to Congress within 6 months of the enactment of this bill.
- (c) Obtain under the authority of the Congress all classified scientific information and other materials which relate to the development of controlled fusion (particularly laser and electrical beam fusion) and make this information available to the public.
- (d) Implement on an expanded crash basis the Atomic Energy Commission's Subpanel 11 Fusion Crash Program. (See Appendix 1.)
- (e) Initiate a massive educational aid and development program to supply the necessary physicists, engineers, and scientists for fusion research.
- (f) Make provisions to build a materials testing linear theta-pinch reactor within the next 6 months.
- (g) Take possession of all existing governmental facilities (and in particular those of the Atomic Energy Commission and Department of Defense) which could contribute to fusion research.
- (h) Report all of its activities to the Congress and the Nation on a monthly basis.
- (i) Set up a national communications and translation network to transmit scientific data and reports as rapidly as possible.
- (j) Establish several national centers which would function in the same capacity as the Los Alamos Laboratory acted for the Manhattan Project. These "nerve centers" of several thousand scientists, engineers and technicians would command and coordinate the rapid development of the necessary industrial base for producing fusion technologies.

#### **THE DEPARTMENT FOR DEVELOPMENT OF CONTROLLED FUSION**

**SECTION 5:** The Congress hereby declares that:

- (a) The Department for Development of Controlled Fusion will replace the Atomic Energy Commission (AEC) and function under the same legislative authorization as the AEC until Congress completes its investigation of fusion sabotage. The President will temporarily appoint with the consent of Congress an eleven-man committee to take possession of the AEC and implement this bill. Their term will end within 6 months.
- (b) All facilities currently engaged in the United States in research on fast breeder nuclear fission reactor research shall be transferred to fusion research under the control of the DDCF.

#### **APPROPRIATION AUTHORIZATION**

**SECTION 6:** The Congress hereby authorizes the following appropriations for the crash development nuclear controlled fusion:

- (a) In the fiscal year of 1974, \$5,000,000,000 will be appropriated to the Department for Development of Controlled Fusion.
- (b) In the fiscal year of 1975, \$20,000,000,000 will be appropriated to the Department for Development of Controlled Fusion.