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(II)

FOREWORD

One of the declared purposes of the Atomic Energy Act of 1954 is to provide for "the dissemination of unclassified scientific and technical information * * * so as to encourage scientific and industrial progress." It is with this policy in mind that the Joint Committee has published this pamphlet. On the pages that follow there is considerable information that can be of material assistance to any citizen desiring access to unclassified atomic energy data.

Included in the information set forth within is a comprehensive list of the unclassified publications issued by the Joint Committee since its formal establishment by Congress; references to and brief descriptions of atomic energy legislation that has been enacted since the first such enactment in 1946; a complete list of the legislative reports of the committee; a tabulation of committee reports on agreements for cooperation; and the names and locations of Atomic Energy Commission depository libraries in this country and abroad. Also included are tables tracing the membership of the committee and the Commission from their inception; a table reflecting the length of service on the committee and its various subcommittees of each current member; and a statement of the committee's organization and functions. There is also included a report to Congress on the activities and accomplishments of the committee during the most recently completed session of Congress.

It is the committee's hope that this informative publication will be of assistance to the Congress and interested citizens.

MELVIN PRICE

Chairman, Joint Committee on Atomic Energy.

JOHN O. PASTORE,

Vice Chairman.

FOREWORD

One of the major purposes of the Atomic Energy Act of 1954 is to provide for the dissemination of knowledge and information in the field of atomic energy. This Act is intended to encourage research and development in the field of atomic energy and to provide for the dissemination of the results of such research and development.

The Commission on Atomic Energy, established by the Act, is charged with the responsibility of carrying out the purposes of the Act. The Commission is composed of representatives of the Government, the scientific community, and the public. The Commission is to report to the President on the progress of its work and on the results of its research and development.

The Commission is also to advise the President on the policy to be followed in the field of atomic energy. The Commission is to be a permanent body, and its members are to be appointed by the President. The Commission is to have the authority to conduct research and development in the field of atomic energy, and to disseminate the results of such research and development.

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I. MEMBERSHIP OF THE JOINT COMMITTEE AND ITS
SUBCOMMITTEES, 93D CONGRESS, 2D SESSION (1974)

JOINT COMMITTEE ON ATOMIC ENERGY

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HOWARD H. BAKER, Jr., Tennessee

II. ORGANIZATION AND FUNCTIONS OF THE JOINT COMMITTEE ON ATOMIC ENERGY

The Joint Committee on Atomic Energy was first organized on August 2, 1946, pursuant to the Atomic Energy Act of 1946 (Public Law 79-585). The Joint Committee did not become fully operative, however, until the convening of the 80th Congress in 1947. The enacting legislation provided that the Joint Committee consist of nine members from the Senate and nine members from the House of Representatives with not more than five members from either Chamber belonging to the same political party.

The law further provided that the Joint Committee "shall select a chairman and a vice chairman from among its members." Historically, the chairman was a Member of one House of Congress and the vice chairman a Member of the other. Until the 83d Congress the chairman was a Member of the Senate. After the convening of the 83d Congress in 1953, Congressman Sterling Cole of New York, former vice chairman of the committee and a member since the 80th Congress, was elected chairman. Senator Bourke B. Hickenlooper of Iowa was elected vice chairman.

The Atomic Energy Act of 1954 (Public Law 83-703), which superseded the 1946 act, clarified the rotation of the chairmanship by specifically providing that—

The chairmanship shall alternate between the Senate and the House of Representatives with each Congress, and the chairman shall be selected by the members from the House entitled to the chairmanship. The vice chairman shall be chosen from the House other than that of the chairman by Members of that House.

The Joint Committee is unique in that it is the only joint committee of Congress authorized to receive and recommend to the Congress proposed legislation. It is one of the few committees established by statute, rather than by rule of each House. Much of its work is conducted in executive session in compliance with the security requirements of the Atomic Energy Act, although in recent years a majority of its hearings have been held in public.

The Joint Committee was established as an agent of the Congress and the American people, and is charged with the responsibility of making "continuing studies of the activities of the Atomic Energy Commission and of problems relating to the development, use, and control of atomic energy." The functions and responsibilities of the Joint Committee include:

First, the legislative function, which covers all phases from the initiation of a legislative measure through committee consideration and debate on the floors of the House and Senate. All bills, resolutions, and other matters in the Senate or the House of Representatives relating primarily to the Atomic Energy Commission or to the development, use, or control of atomic energy are required by law to

be referred to the Joint Committee for its consideration. The legislative function continues to be of great importance, as greater emphasis is devoted to the peaceful uses of atomic energy. Until the enactment of the Atomic Energy Act of 1954, there had been relatively little legislative action by the Joint Committee. Since the passage of the Atomic Energy Act of 1954, the Joint Committee has considered and recommended several amendments to the act each year in order to keep it up to date in a fast-moving field. Identical bills are usually reported to each House simultaneously, as are identical reports containing the Joint Committee's recommendations with respect to matters within its jurisdiction. Another legislative function of the Joint Committee consists of the action of the committee's Senate section in conducting hearings and reporting on confirmation of certain Presidential appointees.

Second is the "watchdog" function, which is a necessary part of the operation of a government of separated powers and a vital legislative responsibility. This function was of prime importance when the AEC was first established and most activities were of a secret nature. The Joint Committee maintains a close surveillance of the various aspects of the atomic energy program and the work of the AEC and the Defense Department with a view to insuring that adequate progress is being made, and that public funds appropriated for the program are being expended wisely and efficiently. The AEC is required by law to keep the Joint Committee fully and currently informed with respect to all of the Commission's activities. The Department of Defense is required to keep the committee fully and currently informed with respect to all matters within the Department relating to the development, utilization, or application of atomic energy. All other Government agencies are required to furnish any information requested by the committee with respect to the activities or responsibilities of those agencies in the field of atomic energy. In accordance with the latter requirement the Joint Committee receives briefings from other agencies and departments of the Government, including the Department of State and the Central Intelligence Agency.

Third is the policy and review function by which the Joint Committee, or individual members, propose policy changes or innovations in the atomic energy program. For example, the Joint Committee has expedited and supported the naval nuclear propulsion program, the hydrogen bomb project, an expanded atomic power program, the preservation of food through irradiation, the utilization of atomic energy for space applications, and the liquid metal fast breeder reactor program.

Fourth is the information function, which imposes on the Joint Committee specific responsibility for providing information to the Congress and to the public in this important expanding scientific field. The Joint Committee is required to meet continuing requests for information as to its activities. Press releases announcing Joint Committee hearings and giving information on matters of concern to the public in the field of atomic energy are issued from time to time during each Congress. The Joint Committee generally holds public hearings during each session of Congress on subjects which are important to the atomic energy program. Published hearings, reports,

committee prints, and other materials published for distribution are automatically made available to the public in accordance with the general procedures of the Congress. Many specific requests from interested individuals and organizations are answered daily by the committee staff. Requests from members of the press, radio, and television corps are handled as expeditiously as possible.

Materials on various aspects of the atomic energy program are forwarded to Members of Congress, libraries, students, interested individuals, and industrial, religious, and private organizations upon request. Members and staff of the Joint Committee also provide assistance in connection with educational activities by identifying sources of information available through the Atomic Energy Commission and other Government agencies. In addition, articles are prepared and talks delivered before interested groups dealing with the various uses of atomic energy.

SPECIAL STATUTORY DUTIES OF THE JOINT COMMITTEE

Authorizing legislation.—A 1963 amendment of section 261 of the Atomic Energy Act of 1954 requires prior congressional authorization of all appropriations for the AEC, including both construction and operating funds. This amendment was enacted in order to further insure adequate congressional control over the atomic energy program. Under section 261, Congress' specialized arm—the Joint Committee on Atomic Energy—reviews and recommends authorization for the AEC's entire budget, thereby permitting the Joint Committee to deal effectively with the critical problems in the atomic energy field.

The requirement for authorizing legislation has proven of value in many ways. The Joint Committee receives testimony in both executive and open hearings. The hearings give a meaningful story of the Commission's program needs, and furnish needed information to Members of Congress in their consideration of the appropriation bills.

Agreements for cooperation.—Section 11 b. of the act defines "agreement for cooperation" as "any agreement with another nation or regional defense organization, authorized or permitted by section 54, 57, 64, 82, 91 c., 103, 104, or 144, and made pursuant to section 123." The agreements may cover cooperation with other nations in either the military or civilian applications of atomic energy.

The authorized agreements are subject to procedural checks set forth in section 123. With respect to agreements for cooperation concerning the civil uses of atomic energy, section 123 provides that no such agreement may become effective until the proposed agreement for cooperation, together with the approval of the President and his written determination that performance of the agreement will promote and will not constitute an unreasonable risk to the common defense and security, has been submitted to the Joint Committee and a period of 30 days has elapsed while Congress is in session. The section further provides, however, that the Joint Committee "may by resolution in writing waive the conditions of all or any portion of such thirty-day period."

The Atomic Energy Act of 1954 was amended in 1958 (Public Law 85-479) to permit, subject to certain conditions, limitations, and procedures, greater exchange with military allies of specifically defined types of military information and materials. In accordance with section 123 d. of the act, such agreements for cooperation on uses of atomic energy for mutual defense purposes, together with the approval and determination of the President, must be submitted to the Congress and referred to the Joint Committee on Atomic Energy where they must lie for a period of 60 days while Congress is in session before becoming effective. However, a proviso to section 123 d. provides that any such proposed agreement for cooperation shall not become effective if during such 60-day period the Congress passes a concurrent resolution stating in substance that it does not favor the proposed agreement for cooperation.

Review of AEC determinations.—Section 51 of the Atomic Energy Act of 1954 authorizes the Atomic Energy Commission to determine materials, other than those specifically defined under the act, to be special nuclear materials. The Commission's determination, together with the President's assent, must be submitted to the Joint Committee and a period of 30 days elapse while Congress is in session before that determination becomes effective.

Similarly, in section 61, the Commission is authorized to determine materials, other than those specifically defined under the act, to be source materials (from which special nuclear materials are derived). As under section 51, the Joint Committee is required to be notified and a 30-day period must elapse before such determination can become effective.

Similar provisions are contained in section 164, which deals with the Commission's authority to enter into new contracts or modify or confirm existing contracts for long-term electric utility services.

Under the provisions of section 58 of the act, before the Commission may establish any "guaranteed purchase price" or "guaranteed purchase price period" for licensee-produced plutonium or U^{233} , and before the Commission may establish any criteria for the waiver of use charges for special nuclear material, such price, period or criteria must be submitted to the Joint Committee and a period of 45 days must elapse while Congress is in session.

Pursuant to section 161 v., which was added to the act in 1964, the Commission is authorized to contract with licensees and foreign governments to produce or enrich special nuclear material in Commission-owned facilities. Under this amendment the Commission is required to establish criteria for the performance of these services, and is further required to submit the criteria, and any proposed revisions and amendments to criteria previously established, to the Joint Committee for a period of 45 days unless the committee, by resolution in writing, waives the conditions of, or all or any portion of, such 45-day period.

Similarly, before the Commission enters into any arrangement or an amendment to an arrangement under the cooperative power reactor demonstration program which has not been previously approved as part of the AEC authorizing legislation, such arrangement or amendment must be submitted to the Joint Committee and a period of 45 days must elapse while Congress is in session.

This type of submission is also required for disposal of Government property at Richland, Wash., under the authority of a 1964 amendment of the Atomic Energy Community Act of 1955.

When a matter has been submitted to the Joint Committee for review as required by the statute, the committee, as a general rule, promptly schedules a hearing to consider the matter. On many occasions, in order to expedite matters, the committee has adopted a resolution waiving the waiting period, as authorized by the act.

JOINT COMMITTEE OPERATIONS

The operations of the Joint Committee are conducted through meetings and hearings of the committee and its designated subcommittees. Most sessions on executive business of the Joint Committee and hearings on a number of matters of primary importance are held by the full committee with the chairman presiding. The annual hearings on AEC's authorization bills are handled in this manner. All legislation and Joint Committee reports are considered and approved by the full committee.

To assist it in the discharge of its statutory duties, the Joint Committee has established seven subcommittees charged with the responsibility of conducting detailed studies of the problems and progress in major areas of the atomic energy program, and of reporting their findings and recommendations to the full committee. The Joint Committee is kept fully apprised of the work of its subcommittees, and all members are invited and urged to take part in subcommittee meetings.

The Subcommittee on Research, Development, and Radiation was established in 1961 to consolidate the duties of the former Subcommittee on Research and Development (established in 1954)¹ and the Special Subcommittee on Radiation (established in 1957). It conducts studies and hearings with regard to programs in the fields of physical research, research in biology and medicine, research in reactor development, research in agriculture, and environmental research. It is within the framework of these fields of research that the development of atomic energy will be advanced to the benefit of mankind in nearly every walk of life—on the farm, in the factories, in medicine, and in the production of atomic power for commercial uses, all pointing toward a better standard of living for us here at home and for our friends abroad. Additionally, the subcommittee conducts studies and hearings on radiation problems in general.

The Subcommittee on Legislation was established in 1955. This subcommittee holds hearings on the legislative proposals, other than the annual authorization bills on which hearings are held before the full committee, initiated by or referred to the committee during each session of the Congress. The findings of the subcommittee take the form of recommendations to the full committee which, in turn, has final responsibility for reporting legislation to the Congress.

The Subcommittee on Agreements for Cooperation was established during 1955 to facilitate the Joint Committee's execution of its responsibility under section 123 c. of the Atomic Energy Act. The subcommittee normally conducts hearings, either in executive or public sessions, on all agreements for cooperation submitted to the Joint

¹ The Subcommittee on Reactor Development, established in 1950, was enlarged and redesignated as the Subcommittee on Research and Development in January 1954.

Committee in accordance with section 123 c. and those submitted to the Congress and referred to the Joint Committee pursuant to section 123 d. Activities of the subcommittee with respect to agreements for cooperation for mutual defense purposes are more fully discussed earlier in this section.

The Subcommittee on Communities was established in 1955 to review proposals, receive testimony, and make recommendations with respect to the establishment of local self-government at communities owned by the Atomic Energy Commission. In addition it has reviewed and recommended legislation providing for the sale of federally owned properties at such communities. The recommendations of the subcommittee were incorporated into S. 2630 (H.R. 7576) which was enacted into law on August 4, 1955, and is cited as the Atomic Energy Community Act of 1955 (Public Law 221, 84th Cong.).

Pursuant to this legislation, the communities of Oak Ridge, Tenn., and Richland, Wash., have become incorporated, self-governing municipalities with full responsibility for all municipal functions. Legislation enacted in 1962 will permit the same opportunity for private ownership at Los Alamos, N. Mex.

The Subcommittee on Military Applications, established in 1953, is responsible for reporting on all phases of the Atomic Energy Commission's program as it relates to the military requirements for special nuclear materials and for the application of atomic energy in the interest of national defense and security.

While very little public reporting of activities in the weapons field has been permissible under security regulations, direct and thorough investigation of the many facets of the weapons program is conducted in executive sessions.

The Subcommittee on Security was established in 1953. This subcommittee reviews the Atomic Energy Commission's security program as to its effectiveness in serving its dual purpose of promoting the common defense and security and advancing peacetime uses of atomic energy.

The subcommittee has studied all aspects of security. It has given continuous attention to the policies and procedures of the Commission and other Government agencies with respect to problems of security and intelligence in the atomic energy field. As recommended by the subcommittee, the Joint Committee has followed a policy of seeking continuous reduction of the area of security classification in order to attain improved security in a smaller area where a demonstrable national interest makes security safeguards necessary.

The Subcommittee on Raw Materials was established in 1951 and is charged with the study of problems connected with the long-range programs of exploration for and procurement and processing of raw materials, principally uranium. The subcommittee initiated studies which led directly to the establishment of adequate AEC procurement goals for raw materials and the development of domestic uranium resources. The subcommittee continues to consider carefully the problems of assuring that our uranium and thorium supplies will be adequate to support the growing civilian atomic energy industry.

In addition to the foregoing an *ad hoc subcommittee* composed of the ranking majority and minority committee members from each House has responsibility for confirming the appointment of persons proposed for professional employment on the committee staff.

The Subcommittee on Energy was established in 1973 to focus on the problems of providing the Nation with vast amounts of clean energy required for the generation of electrical power. Over the years, the Joint Committee has considered the role of nuclear power in meeting these energy requirements. With specific authorization of the AEC in 1971 to conduct research and development in other methods of producing energy, the scope of the Joint Committee studies expanded to include the potential of nonnuclear sources for meeting the need for energy. The establishment of this subcommittee was in recognition of the magnitude of the problem and the importance of the task.

The Subcommittee on Licensing and Regulation also was established in 1973. Among other things, the subcommittee will concentrate on the various problems associated with the licensing of nuclear power reactors and other production and utilization facilities.

REPORTING REQUIREMENTS

The Atomic Energy Act stipulates that the Atomic Energy Commission shall keep the Joint Committee "fully and currently informed" of all activities of the Commission. In accordance with this provision, the AEC submits a semiannual progress report to the Joint Committee. These reports are classified and cover the problems and progress being made in the overall aspects of the atomic energy program. In addition, numerous other reports on individual projects and studies are presented to the Joint Committee. This reporting may take the form of classified or unclassified documents, public information releases, or correspondence. Close daily liaison is maintained between the staffs of the Commission and the Joint Committee.

The Commission is also required to report directly to the Congress. Section 251 of the act requires that the Commission—

submit to the Congress, in January of each year, a report concerning the activities of the Commission. The Commission shall include in such report, and shall at such other times as it deems desirable submit to the Congress, such recommendations for additional legislation as the Commission deems necessary or desirable.

All material contained in the Commission's annual reports to the Congress is of an unclassified nature.

As noted above, the Atomic Energy Act also requires the Department of Defense to keep the Joint Committee "fully and currently informed" of its activities in the atomic energy field; and all other agencies and departments of the Federal Government are required to comply with any request of the Joint Committee for information and records on matters affecting the atomic energy program.

CLASSIFICATION AND SECURITY

Conformance with necessary security regulations has necessitated certain precautionary measures by the Joint Committee. Section 11 y. of the Atomic Energy Act of 1954 defines "Restricted Data" as all data concerning—

(1) design, manufacture, or utilization of atomic weapons; (2) the production of special nuclear material; or (3) the use of special nuclear material in the production of energy, but shall not include data declassified or removed from the Restricted Data category pursuant to section 142.

The members of the Joint Committee have adhered strictly to the practice of recognizing the classification assigned to materials forwarded to them from the Commission, and maintaining that classification until such time as it is downgraded or declassified by the Commission. They have carefully observed all security regulations with regard to restricted data. Speeches, articles, and reports are often reviewed for security reasons by the classification experts at the Commission at the request of the individual member.

In addition to classified progress reports which the Atomic Energy Commission submits at regular intervals, the Joint Committee receives and itself originates many classified documents and reports on all phases of the program. It classifies information originating within the Joint Committee in accordance with standards used by the executive branch for classifying restricted data or defense information.

The Joint Committee maintains close liaison with the Department of Defense, the Central Intelligence Agency, the Federal Bureau of Investigation, the Departments of State and Justice, and the National Security Council.

The committee's classified documents, reports, memorandums, and correspondence are maintained in the committee's classified files under an elaborate and carefully supervised security system. Every effort is made, through appropriate use of vaults, safes, soundproofing, electronic devices, exclusion area, FBI investigation of staff personnel, and the maintenance of an armed guard over the committee offices, to uphold standards of security vigilance at least as high as those of the executive branch.

OTHER COMMITTEE RESPONSIBILITIES AND ACTIVITIES

Under the provisions of the Atomic Energy Act, the Joint Committee is empowered to appoint a staff and employ such experts, consultants, technicians, and other personnel as may be required to assist it in the discharge of its statutory responsibilities. The Joint Committee is also empowered by law to utilize the services, information, facilities, and personnel of the departments and establishments of the Government in the discharge of committee duties.

The obligation on the Atomic Energy Commission and the Defense Department to keep the Joint Committee fully and currently informed helps assure a continuing flow of information necessary to the proper discharge of committee responsibilities. In addition to this type of information, however, the members of the Joint Committee and of the staff make frequent visits to laboratories, operating sites, and other atomic energy installations in the United States and abroad. Staff members check directly on many items reported by AEC and other agencies in order to obtain clarification or additional information. The Joint Committee also initiates special investigations and studies on its own.

In view of the increasing international aspects of atomic energy, members and staff of the Joint Committee have participated as official congressional advisers and observers to U.S. delegations at various international conferences, including the Geneva Conferences on the Peaceful Uses of Atomic Energy in 1955, 1958, and 1964, and the General Conferences of the International Atomic Energy Agency in

1957-61 and 1963-68. In addition, members and staff have made a number of tours of foreign atomic energy installations.

The committee staff consists of approximately 20 employees, under the direction of an executive director. Due to the diverse subject matter encountered in the field of atomic energy and the highly technical nature of the problems, the staff does not adhere to a rigidly functional breakdown within its organization. Professional staff members are called upon daily to work with a wide variety of problems covering the entire atomic energy program, including production of fissionable materials, research and development, reactor development, weapons, and community activities. The staff's responsibility covers financial, administrative, technical, and legal aspects of these subjects. In addition the staff serves the committee members on individual assignments as requested.

III. SERVICE OF CURRENT MEMBERSHIP OF THE JOINT COMMITTEE

SENATE MEMBERS (IN ALPHABETICAL ORDER)

- AIKEN, GEORGE D.**, Vermont:
Appointed, January 29, 1959.
Subcommittee membership:
Communities, 1959-74.
Military Applications, 1956-62.
Legislation, 1963-74.
Special Subcommittee on Radiation, 1959-60.
Research, Development, and Radiation, 1961-74.
Energy, 1973-74.
Licensing and Regulation, 1973-74.
- BAKER, HOWARD H., JR.**, Tennessee:
Appointed February 10, 1971.
Subcommittee membership:
Agreements for Cooperation, 1971-72.
Communities, 1971-74.
Military Applications, 1971-74.
Research, Development, and Radiation, 1971-72.
Security, 1973-74.
Energy, 1973-74.
Licensing and Regulation, 1973-74.
- BENNETT, WALLACE F.**, Utah:
Appointed, January 29, 1959.
Subcommittee membership:
Agreements for Cooperation, 1959-74.
Raw Materials, 1959-68, 1971-74.
Research, Development, and Radiation, 1969-74.
Security, 1959-68.
Military Applications, 1973-74.
- BIBLE, ALAN**, Nevada:
Appointed January 28, 1971.
Subcommittee membership:
Legislation, 1971-74.
Military Applications, 1971-74.
Research, Development, and Radiation, 1971-74.
Agreements for Cooperation, 1973-74.
Licensing and Regulation, 1973-74.
- DOMINICK, PETER H.**, Colorado:
Appointed February 10, 1971.
Subcommittee membership:
Agreements for Cooperation, 1971-74.
Raw Materials, 1971-74.
Research, Development, and Radiation, 1971-74.
- JACKSON, HENRY M.**, Washington:
House membership:
Appointed, January 27, 1949.
Member of Subcommittee on Reactor Development, 1950-52.¹
Elected to U.S. Senate, November 1952.
Senate membership:
Appointed, January 14, 1955.
Subcommittee membership:
Security, 1955-74.
Communities, 1955-74.
Military Applications, 1955-72.
Chairman, 1955-72.
Legislation, 1961-74.
Research, Development, and Radiation, 1961-74.
Special Subcommittee on Radiation, 1959-60.
Energy, 1973-74.
Chairman, 1973-74.
- MONTOYA, JOSEPH M.**, New Mexico:
Appointed January 4, 1973.
Subcommittee membership:
Agreements for Cooperation, 1973-74.
Chairman, 1973-74.
Military Applications, 1973-74.
Raw Materials, 1973-74.
Research, Development, and Radiation, 1973-74.
Energy, 1973-74.
- PASTORE, JOHN O.**, Rhode Island:
Appointed, August 8, 1952, to fill vacancy caused by death of Senator Brien McMahon and served through 1952. With the election of a Republican Congress in 1952, Senate Democratic membership was reduced from five to four.
Reappointed, June 3, 1953.
Chairman, 88th Congress (1963-64), 90th Congress (1967-68), 92d Congress (1971-72).
Vice chairman, 87th Congress (1961-62), 89th Congress (1965-66), 91st Congress (1969-70), (93d Congress, 1973-74).
Subcommittee membership:
Research, Development, and Radiation and its predecessor (Research and Development), 1954-74.
Agreements for Cooperation, 1955-60: 1973-74.
Chairman, 1955-60.
Security, 1953-73-74.
Chairman, 1973-74.
Military Applications, 1953-72.
Legislation, 1961-74.
Chairman, 1961-62, 1965-66, 1969-70.
Special Subcommittee on Radiation, 1957-60.
Energy 1973-74.
Licensing and Regulation, 1973-74.
- SYMINGTON, STUART**, Missouri:
Appointed January 28, 1971.
Subcommittee membership:
Military Applications, 1971-74.
Chairman, 1973-74.
Security 1973-74.
Energy, 1973-74.

¹ The Subcommittee on Reactor Development was established in 1956. In January 1954 the subcommittee was enlarged and redesignated as the Subcommittee on Research and Development. In 1961 the Subcommittee on Research and Development was consolidated with the Special Subcommittee on Radiation and redesignated the Subcommittee on Research, Development, and Radiation.

HOUSE MEMBERS (IN ALPHABETICAL ORDER)

- ANDERSON, JOHN B.**, Illinois:
Appointed January 31, 1963.
Subcommittee membership:
Communities, 1963-64.
Legislation, 1963-74.
Research, Development, and Radiation, 1963-70.
Agreements for Cooperation, 1965-69, 1971-74.
Military Applications, 1969-74.
Licensing and Regulation, 1973-74.
- HANSEN, ORVAL**, Idaho:
Appointed February 10, 1971.
Subcommittee membership:
Communities, 1971-74.
Research, Development, and Radiation, 1971-74.
Security, 1971-74.
Licensing and Regulation, 1973-74.
- HOLIFIELD, CHET**, California:
Appointed August 2, 1946.²
Chairman, 87th Congress (1961-62), 89th Congress (1965-66), 91st Congress (1969-70).
Vice chairman, 88th Congress (1963-64), 90th Congress (1967-68).
Subcommittee membership:
Raw Materials, 1955-74.
Security, 1953-54.
Legislation, 1955-74.
Chairman, 1955-60, 1963-64, 1967-68.
Agreements for Cooperation, 1961-72.
Chairman, 1971-72.
Research, Development, and Radiation, 1961-74.
Special Subcommittee on Radiation, 1957-60.
Chairman, 1957-60.
Military Applications, 1955-74.
Energy, 1973-74.
Licensing and Regulation, 1973-74.
Chairman, 1973-74.
- HOSMER, CRAIG**, California:
Appointed January 18, 1958.
Subcommittee membership:
Communities, 1958.
Raw Materials, 1958.
Research, Development, and Radiation and its predecessor (Research and Development), 1958-74.
Special Subcommittee on Radiation, 1958-60.
Military Applications, 1961, 1963-74.
Legislation, 1962-74.
Energy, 1973-74.
- LUJAN, MANUEL, JR.**, New Mexico:
Appointed, January 26, 1973.
Subcommittee membership:
Communities, 1973-74.
Raw Materials, 1973-74.
Security, 1973-74.
Energy, 1973-74.
- MCCORMACK, MIKE**, Washington:
Appointed, January 26, 1973.
Subcommittee membership:
Legislation, 1973-74.
Research, Development, and Radiation, 1973-74.
Energy, 1973-74.
- PRICE, MELVIN**, Illinois:
Appointed August 2, 1946.³
Vice chairman, 92d Congress (1971-72).
Chairman, 93d Congress, 1973-74.
Subcommittee membership:
Research, Development, and Radiation and its predecessor subcommittees, Reactor Development (1950-53), Research and Development (1954-60), and Special Subcommittee on Radiation (1957-60), 1950-74.
Chairman, 1955-74.
Agreements for Cooperation, 1955-74.
Legislation, 1971-74.
Chairman, 1971-74.
Energy, 1973-74.
Licensing and Regulation, 1973-74.
- RONCALIO, TENO**, Wyoming:
Appointed, January 26, 1973.
Subcommittee membership:
Communities, 1973-74.
Military Applications, 1973-74.
Raw Materials, 1973-74.
Licensing and Regulation, 1973-74.
- YOUNG, JOHN**, Texas:
Appointed March 1, 1966.
Subcommittee membership:
Communities, 1966-74.
Chairman, 1969-74.
Raw Materials, 1966-74.
Security, 1966-74.
Energy, 1973-74.

² Mr. Holifield was a member of the House Military Affairs Committee which considered the original proposed atomic energy legislation, enacted as the Atomic Energy Act of 1946, 1945-46.

³ Mr. Price was a member of the House Military Affairs Committee which considered the original proposed atomic energy legislation, enacted as the Atomic Energy Act of 1946, 1945-46.

IV. MEMBERSHIP OF THE JOINT COMMITTEE, 1945-74

SENATE SPECIAL COMMITTEE ON ATOMIC ENERGY

SEVENTY-NINTH CONGRESS (1945-46)

BRIEN McMAHON, Connecticut, *Chairman*

RICHARD B. RUSSELL, Georgia	ARTHUR H. VANDENBERG, Michigan
EDWIN C. JOHNSON, Colorado	WARREN R. AUSTIN, Vermont
TOM CONNALLY, Texas	EUGENE D. MILLIKIN, Colorado
HARRY FLOOD BYRD, Virginia	BOURKE B. HICKENLOOPER, Iowa
MILLARD E. TYDINGS, Maryland	THOMAS C. HART, Connecticut

HOUSE COMMITTEE ON MILITARY AFFAIRS

SEVENTY-NINTH CONGRESS (1945-46)

ANDREW J. MAY, Kentucky, *Chairman*

R. EWING THOMASON, Texas	WALTER G. ANDREWS, New York
OVERTON BROOKS, Louisiana	DEWEY SHORT, Missouri
JOHN J. SPARKMAN, Alabama	LESLIE C. ARENDS, Illinois
PAUL J. KILDAY, Texas	CHARLES E. CLASON, Massachusetts
CARL T. DURHAM, North Carolina	J. PARNELL THOMAS, New Jersey
JOHN EDWARD SHERIDAN, Pennsylvania	PAUL W. SHAFER, Michigan
ROBERT L. F. SIKES, Florida	THOMAS E. MARTIN, Iowa
PHILIP J. PHILBIN, Massachusetts	CHARLES H. ELSTON, Ohio
PAUL STEWART, Oklahoma	FOREST A. HARNESS, Indiana
ARTHUR WINSTEAD, Mississippi	IVOR D. FENTON, Pennsylvania
CHET HOLIFIELD, California	J. LEROY JOHNSON, California
JAMES A. ROE, New York	CLARE BOOTHE LUCE, Connecticut
MELVIN PRICE, Illinois	
J. LINDSAY ALMOND, Virginia	JOSEPH R. FARRINGTON, Hawaii
	E. L. BARTLETT, Alaska
	JESUS PIÑERO, Puerto Rico

JOINT COMMITTEE ON ATOMIC ENERGY

SEVENTY-NINTH CONGRESS (1946)

BRIEN McMAHON, Connecticut, *Chairman*

R. EWING THOMASON, Texas, *Vice Chairman*

RICHARD B. RUSSELL, Georgia	CARL T. DURHAM, North Carolina
EDWIN C. JOHNSON, Colorado	AIME FORAND, Rhode Island
TOM CONNALLY, Texas	CHET HOLIFIELD, California
HARRY FLOOD BYRD, Virginia	MELVIN PRICE, Illinois
ARTHUR VANDENBERG, Michigan	CHARLES H. ELSTON, Ohio
EUGENE D. MILLIKIN, Colorado	J. PARNELL THOMAS, New Jersey
BOURKE B. HICKENLOOPER, Iowa	CARL HINSHAW, California
WILLIAM F. KNOWLAND, California	CLARE BOOTHE LUCE, Connecticut

NOTE.—The Atomic Energy Act of 1946 was approved August 1, 1946. The Members were appointed on August 2, 1946, met and organized, but transacted no other business during the 79th Congress.

EIGHTIETH CONGRESS (1947-48)

BOURKE B. HICKENLOOPER, Iowa, *Chairman*
W. STERLING COLE, New York, *Vice Chairman*

ARTHUR H. VANDENBERG, Michigan	CHARLES H. ELSTON, Ohio
EUGENE D. MILLIKIN, Colorado	CARL HINSHAW, California
WILLIAM F. KNOWLAND, California	JAMES E. VAN ZANDT, Pennsylvania
JOHN W. BRICKER, Ohio	JAMES T. PATTERSON, Connecticut
BRIEN McMAHON, Connecticut	CARL T. DURHAM, North Carolina
RICHARD B. RUSSELL, Georgia	CHET HOLIFIELD, California
EDWIN C. JOHNSON, Colorado	MELVIN PRICE, Illinois
TOM CONNALLY, Texas	LYNDON B. JOHNSON, Texas

NOTE.—Lyndon B. Johnson was appointed Nov. 17, 1947, to fill vacancy created by the resignation from Congress of R. Ewing Thomason, on July 22, 1947. Lyndon B. Johnson was elected to U.S. Senate for term commencing Jan. 3, 1949.

EIGHTY-FIRST CONGRESS (1949-50)

BRIEN McMAHON, Connecticut, *Chairman*
CARL T. DURHAM, North Carolina, *Vice Chairman*

RICHARD B. RUSSELL, Georgia	CHET HOLIFIELD, California
EDWIN C. JOHNSON, Colorado	MELVIN PRICE, Illinois
TOM CONNALLY, Texas	PAUL J. KILDAY, Texas
MILLARD E. TYDINGS, Maryland	HENRY M. JACKSON, Washington
BOURKE B. HICKENLOOPER, Iowa	W. STERLING COLE, New York
EUGENE D. MILLIKIN, Colorado	CHARLES H. ELSTON, Ohio
WILLIAM F. KNOWLAND, California	CARL HINSHAW, California
JOHN W. BRICKER, Ohio	JAMES E. VAN ZANDT, Pennsylvania

NOTE.—John W. Bricker was appointed on Jan. 26, 1950, to fill vacancy created by the resignation of Arthur H. Vandenberg, on Jan. 26, 1950, as a member of the Joint Committee.

EIGHTY-SECOND CONGRESS (1951-52)

BRIEN McMAHON, Connecticut, *Chairman*
CARL T. DURHAM, North Carolina, *Vice Chairman*

RICHARD B. RUSSELL, Georgia	CHET HOLIFIELD, California
EDWIN C. JOHNSON, Colorado	MELVIN PRICE, Illinois
LYNDON B. JOHNSON, Texas	PAUL J. KILDAY, Texas
CLINTON P. ANDERSON, New Mexico	HENRY M. JACKSON, Washington
BOURKE B. HICKENLOOPER, Iowa	W. STERLING COLE, New York
EUGENE D. MILLIKIN, Colorado	CHARLES H. ELSTON, Ohio
WILLIAM F. KNOWLAND, California	CARL HINSHAW, California
JOHN W. BRICKER, Ohio	JAMES E. VAN ZANDT, Pennsylvania

NOTE.—Tom Connally resigned from the Joint Committee effective July 5, 1952. Lyndon B. Johnson, of Texas, was appointed a member of the committee the same day. Carl T. Durham was chairman from Aug. 4, 1952. John O. Pastore was appointed Aug. 8, 1952, to fill the vacancy created by the death of Brien McMahon on July 28, 1952. Henry M. Jackson was elected to U.S. Senate for term commencing Jan. 3, 1953.

EIGHTY-THIRD CONGRESS (1953-54)

W. STERLING COLE, New York, *Chairman*
BOURKE B. HICKENLOOPER, Iowa, *Vice Chairman*

CARL HINSHAW, California	EUGENE D. MILLIKIN, Colorado
JAMES E. VAN ZANDT, Pennsylvania	WILLIAM F. KNOWLAND, California
JAMES T. PATTERSON, Connecticut	JOHN W. BRICKER, Ohio
THOMAS A. JENKINS, Ohio	GUY R. CORDON, Oregon
CARL T. DURHAM, North Carolina	RICHARD B. RUSSELL, Georgia
CHET HOLIFIELD, California	CLINTON P. ANDERSON, New Mexico
MELVIN PRICE, Illinois	JOHN O. PASTORE, Rhode Island
PAUL J. KILDAY, Texas	ALBERT GORE, Tennessee

NOTE.—John O. Pastore was appointed on June 3, 1953, to fill vacancy created by resignation of Lyndon B. Johnson as member of the Joint Committee. Edwin C. Johnson resigned as a member of the committee effective Nov. 8, 1954. Albert Gore was appointed the same date.

EIGHTY-FOURTH CONGRESS (1955-56)

CLINTON P. ANDERSON, New Mexico, *Chairman*
 CARL T. DURHAM, North Carolina, *Vice Chairman*

RICHARD B. RUSSELL, Georgia	CHET HOLIFIELD, California
JOHN O. PASTORE, Rhode Island	MELVIN PRICE, Illinois
ALBERT GORE, Tennessee	PAUL J. KILDAY, Texas
HENRY M. JACKSON, Washington	JOHN J. DEMPSEY, New Mexico
BOURKE B. HICKENLOOPER, Iowa	STERLING COLE, New York
EUGENE D. MILLIKIN, Colorado	CARL HINSHAW, California ¹
WILLIAM F. KNOWLAND, California	JAMES E. VAN ZANDT, Pennsylvania
JOHN W. BRICKER, Ohio	JAMES T. PATTERSON, Connecticut

¹ Deceased Aug. 5, 1957.

EIGHTY-FIFTH CONGRESS (1957-58)

CARL T. DURHAM, North Carolina, *Chairman*
 CLINTON P. ANDERSON, New Mexico, *Vice Chairman*

CHET HOLIFIELD, California	RICHARD B. RUSSELL, Georgia
MELVIN PRICE, Illinois	JOHN O. PASTORE, Rhode Island
PAUL J. KILDAY, Texas	ALBERT GORE, Tennessee
WAYNE N. ASPINALL, Colorado	HENRY M. JACKSON, Washington
JAMES E. VAN ZANDT, Pennsylvania	BOURKE B. HICKENLOOPER, Iowa
JAMES T. PATTERSON, Connecticut	WILLIAM F. KNOWLAND, California
THOMAS A. JENKINS, Ohio	JOHN W. BRICKER, Ohio
CRAIG HOSMER, California	HENRY DWORSHAK, Idaho

NOTE.—Craig Hosmer was appointed Jan. 15, 1958, to fill vacancy created by resignation of Sterling Cole on Dec. 1, 1957, as a Member of Congress to accept position as Director General of the International Atomic Energy Agency. Wayne N. Aspinall was appointed Mar. 17, 1958, to fill vacancy created by the death of John J. Dempsey, on Mar. 11, 1958.

EIGHTY-SIXTH CONGRESS (1959-60)

CLINTON P. ANDERSON, New Mexico, *Chairman*
 CARL T. DURHAM, North Carolina, *Vice Chairman*

RICHARD B. RUSSELL, Georgia	CHET HOLIFIELD, California
JOHN O. PASTORE, Rhode Island	MELVIN PRICE, Illinois
ALBERT GORE, Tennessee	WAYNE N. ASPINALL, Colorado
HENRY M. JACKSON, Washington	ALBERT THOMAS, Texas
BOURKE B. HICKENLOOPER, Iowa	JAMES E. VAN ZANDT, Pennsylvania
HENRY DWORSHAK, Idaho	CRAIG HOSMER, California
GEORGE D. AIKEN, Vermont	WILLIAM H. BATES, Massachusetts
WALLACE F. BENNETT, Utah	JACK WESTLAND, Washington

NOTE.—Albert Thomas was appointed to the Committee Feb. 16, 1959, to fill the vacancy created by the resignation, dated Jan. 21, 1959, of Paul J. Kilday.

EIGHTY-SEVENTH CONGRESS (1961-62)

CHET HOLIFIELD, California, *Chairman*
 JOHN O. PASTORE, Rhode Island, *Vice Chairman*

MELVIN PRICE, Illinois	RICHARD B. RUSSELL, Georgia
WAYNE N. ASPINALL, Colorado	CLINTON P. ANDERSON, New Mexico
ALBERT THOMAS, Texas	ALBERT GORE, Tennessee
THOMAS G. MORRIS, New Mexico	HENRY M. JACKSON, Washington
JAMES E. VAN ZANDT, Pennsylvania	BOURKE B. HICKENLOOPER, Iowa
CRAIG HOSMER, California	HENRY DWORSHAK, Idaho ¹
WILLIAM H. BATES, Massachusetts	GEORGE D. AIKEN, Vermont
JACK WESTLAND, Washington	WALLACE F. BENNETT, Utah

¹ Deceased July 23, 1962.

NOTE.—Everett McKinley Dirksen was appointed on July 31, 1962, to fill the vacancy created by the death of Henry Dworshak on July 23, 1962.

EIGHTY-EIGHTH CONGRESS (1963-64)

JOHN O. PASTORE, Rhode Island, *Chairman*CHET HOLIFIELD, California, *Vice Chairman*

RICHARD B. RUSSELL, Georgia
 CLINTON P. ANDERSON, New Mexico
 ALBERT GORE, Tennessee
 HENRY M. JACKSON, Washington
 BOURKE B. HICKENLOOPER, Iowa
 GEORGE D. AIKEN, Vermont
 WALLACE F. BENNETT, Utah
 CARL T. CURTIS, Nebraska

MELVIN PRICE, Illinois
 WAYNE N. ASPINALL, Colorado
 ALBERT THOMAS, Texas
 THOMAS G. MORRIS, New Mexico
 CRAIG HOSMER, California
 WILLIAM H. BATES, Massachusetts
 JACK WESTLAND, Washington
 JOHN B. ANDERSON, Illinois

NOTE.—Carl T. Curtis was appointed on Feb. 11, 1963, to fill the vacancy created by the resignation of Everett McKinley Dirksen as a member of the Joint Committee on the same date.

EIGHTY-NINTH CONGRESS (1965-66)

CHET HOLIFIELD, California, *Chairman*JOHN O. PASTORE, *Vice Chairman*

MELVIN PRICE, Illinois
 WAYNE N. ASPINALL, Colorado
 ALBERT THOMAS, Texas¹
 THOMAS G. MORRIS, New Mexico
 CRAIG HOSMER, California
 WILLIAM H. BATES, Massachusetts
 JOHN B. ANDERSON, Illinois
 WILLIAM M. McCULLOCH, Ohio

RICHARD B. RUSSELL, Georgia
 CLINTON P. ANDERSON, New Mexico
 ALBERT GORE, Tennessee
 HENRY M. JACKSON, Washington
 BOURKE B. HICKENLOOPER, Iowa
 GEORGE D. AIKEN, Vermont
 WALLACE F. BENNETT, Utah
 CARL T. CURTIS, Nebraska

¹ Deceased February 15, 1966.

NOTE.—John Young was appointed Mar. 1, 1966; to fill the vacancy created by the death of Albert Thomas on Feb. 15, 1966.

NINETIETH CONGRESS (1967-68)

JOHN O. PASTORE, Rhode Island, *Chairman*CHET HOLIFIELD, California, *Vice Chairman*

RICHARD B. RUSSELL, Georgia
 CLINTON P. ANDERSON, New Mexico
 ALBERT GORE, Tennessee
 HENRY M. JACKSON, Washington
 BOURKE B. HICKENLOOPER, Iowa
 GEORGE D. AIKEN, Vermont
 WALLACE F. BENNETT, Utah
 CARL T. CURTIS, Nebraska

MELVIN PRICE, Illinois
 WAYNE N. ASPINALL, Colorado
 THOMAS G. MORRIS, New Mexico
 JOHN YOUNG, Texas
 CRAIG HOSMER, California
 WILLIAM H. BATES, Massachusetts
 JOHN B. ANDERSON, Illinois
 WILLIAM M. McCULLOCH, Ohio

NINETY-FIRST CONGRESS (1969-70)

CHET HOLIFIELD, California, *Chairman*JOHN O. PASTORE, Rhode Island, *Vice Chairman*

MELVIN PRICE, Illinois
 WAYNE N. ASPINALL, Colorado
 JOHN YOUNG, Texas
 ED EDMONDSON, Oklahoma
 CRAIG HOSMER, California
 JOHN B. ANDERSON, Illinois
 WILLIAM M. McCULLOCH, Ohio
 CATHERINE MAY, Washington

RICHARD B. RUSSELL, Georgia
 CLINTON P. ANDERSON, New Mexico
 ALBERT GORE, Tennessee
 HENRY M. JACKSON, Washington
 GEORGE D. AIKEN, Vermont
 WALLACE F. BENNETT, Utah
 CARL T. CURTIS, Nebraska
 NORRIS COTTON, New Hampshire

NOTE.—Norris Cotton was appointed Jan. 23, 1969, to fill the vacancy created by the retirement of Bourke B. Hickenlooper. Catherine May was appointed July 24, 1969, to fill the vacancy created by the death of William H. Bates on June 22, 1969.

NINETY-SECOND CONGRESS (1971-72)

JOHN O. PASTORE, Rhode Island, *Chairman*
 MELVIN PRICE, Illinois, *Vice Chairman*

CLINTON P. ANDERSON, New Mexico
 HENRY M. JACKSON, Washington
 STUART SYMINGTON, Missouri
 ALAN BIBLE, Nevada
 GEORGE D. AIKEN, Vermont
 WALLACE F. BENNETT, Utah
 PETER H. DOMINICK, Colorado
 HOWARD H. BAKER, JR., Tennessee

CHET HOLIFIELD, California
 WAYNE N. ASPINALL, Colorado
 JOHN YOUNG, Texas
 ED EDMONDSON, Oklahoma
 CRAIG HOSMER, California
 JOHN B. ANDERSON, Illinois
 WILLIAM M. McCULLOCH, Ohio
 ORVAL HANSEN, Idaho

NOTE.—Stuart Symington was appointed on Jan. 28, 1971, to fill the vacancy created by the death of Richard B. Russell on Jan. 21, 1971. Peter H. Dominick was appointed on Feb. 10, 1971, to fill the vacancy created by the resignation of Carl T. Curtis on Feb. 4, 1971. Howard H. Baker, Jr., was appointed on Feb. 10, 1971, to fill the vacancy created by the resignation of Norris Cotton on Feb. 10, 1971.

NINETY-THIRD CONGRESS (1973-74)

MELVIN PRICE, Illinois, *Chairman*
 JOHN O. PASTORE, Rhode Island, *Vice Chairman*

CHET HOLIFIELD, California
 JOHN YOUNG, Texas
 TENO RONCALIO, Wyoming
 MIKE McCORMACK, Washington
 CRAIG HOSMER, California
 JOHN B. ANDERSON, Illinois
 ORVAL HANSEN, Idaho
 MANUEL LUJAN, JR., New Mexico

HENRY M. JACKSON, Washington
 STUART SYMINGTON, Missouri
 ALAN BIBLE, Nevada
 JOSEPH M. MONTROYA, New Mexico
 GEORGE D. AIKEN, Vermont
 WALLACE F. BENNETT, Utah
 PETER H. DOMINICK, Colorado
 HOWARD H. BAKER, JR., Tennessee

V. ASSIGNMENT OF JOINT COMMITTEE MEMBERS TO OTHER COMMITTEES OF CONGRESS

SENATE (IN ALPHABETICAL ORDER)

SENATOR GEORGE D. AIKEN

Agriculture and Forestry.
Foreign Relations.
Agriculture and Forestry—Subcommittees:
 Environment, Soil Conservation, and Forestry.
 Agricultural Credit and Rural Electrification.
Appropriations—Subcommittees:
 Public Works (ex officio member on atomic energy matters).
 State, Justice, and Commerce, the Judiciary and Related Agencies (ex officio member on diplomatic and consular items).
Foreign Relations—Subcommittees:
 Near Eastern Affairs.
 Far Eastern Affairs.
 Western Hemisphere Affairs.
 U.S. Security Agreements and Commitments Abroad.
 Personnel.

SENATOR HOWARD H. BAKER, Jr.

Commerce.
Public Works.
Select Committee on Presidential Campaign Expenditures.
Commerce—Subcommittees:
 Aviation.
 Communications.
 Environment.
 Foreign Commerce and Tourism.
 Surface Transportation.
 Special Subcommittee on Study Transportation on the Great Lakes-St. Lawrence Seaway.
Public Works—Subcommittees:
 Environmental Pollution.
 Ex officio member of all other subcommittees.
 Water Resources.
 Panel on Environmental Science and Technology.
 Roads.
 Economic Development.
 Building and Grounds.
 Disaster Relief.

SENATOR WALLACE F. BENNETT

Banking, Housing and Urban Affairs.
Finance.
Select Committee on Standards and Conduct (vice chairman).
Joint Committee on Defense Production.
Joint Committee on Reduction of Federal Expenditures.
Joint Committee on Internal Revenue Taxation.
Banking, Housing and Urban Affairs—Subcommittees:
 Consumer Credit.
 Financial Institutions.
 Securities.

SENATOR ALAN BIBLE

- Appropriations.
- Interior and Insular Affairs.
- Select Committee on Small Business (chairman).
- Special Committee on Aging.
- Democratic Steering Committee.
- Appropriations—Subcommittees:
 - Interior (chairman).
 - Labor, and Health, Education, and Welfare, and Related Agencies.
 - Public Works.
 - Department of Transportation.
 - Department of Defense.
- Interior and Insular Affairs—Subcommittees:
 - Minerals, Materials, and Fuels.
 - Parks and Recreation (chairman).
 - Legislative Oversight.
- Select Committee on Small Business (ex officio member of all subcommittees).
- Special Committee on Aging—Subcommittees:
 - Employment and Retirement Incomes.
 - Federal, State, and Community Services.
 - Retirement and the Individual.

SENATOR PETER H. DOMINICK

- Armed Services.
- Labor and Public Welfare.
- Select Committee on Equal Educational Opportunity
- Select Committee on Small Business.
- Armed Services—Subcommittees:
 - Central Intelligence.
 - Military Construction Authorization.
 - Preparedness Investigating (Bomber Defense).
 - Research and Development.
 - Drug Abuse in the Military.
 - National Stockpile and Naval Petroleum Reserves.
- Labor and Public Welfare—Subcommittees:
 - Health.
 - Education.
 - Employment, Manpower, and Poverty.
 - Alcoholism and Narcotics.
 - National Science Foundation.
- Select Committee on Small Business—Subcommittees:
 - Financing and Investment.
 - Government Regulation.
 - Environmental, Rural and Urban Economic Development.

SENATOR HENRY M. JACKSON

- Armed Services.
- Government Operations.
- Interior and Insular Affairs (chairman).
- Appropriations (ex officio member Defense Appropriations Subcommittee).
- Armed Services—Subcommittees:
 - Preparedness Investigating.
 - Central Intelligence.
 - Military Construction Authorization.
 - Arms Control (chairman).
 - Tactical Air Power.
 - Nuclear Test Ban Treaty Safeguards (chairman).
- Government Operations—Subcommittees:
 - Permanent Investigations (chairman).
 - Reorganization, Research, and International Operations.
- Interior and Insular Affairs (chairman)—Subcommittees: All.¹

¹ Interior: Indian Affairs; Minerals, Materials, and Fuels; Parks and Recreation; Public Lands; Territories and Insular Affairs; Water and Power Resources; Special Subcommittee on Outer Continental Shelf.

SENATOR JOSEPH M. MONTOYA

Appropriations.

Public Works.

Select Committee on Presidential Campaign Activities.

Appropriations—Subcommittees:

Treasury, U.S. Postal Service, and General Government (chairman).

Interior and Related Agencies (Indian Health Service).

Labor-Health, Education, and Welfare, and Related Agencies.

Military Construction.

Public Works—AEC.

Public Works—Subcommittees:

Economic Development (chairman).

Air and Water Pollution.

Roads.

SENATOR JOHN O. PASTORE

Appropriations.

Commerce.

Democratic Policy Committee.

Appropriations—Subcommittees:

Defense.

Housing and Urban Development, Space, Science, Veterans.

Public Works, AEC.

State, Justice, and Commerce, the Judiciary, and Related Agencies.

Department of Transportation.

Commerce—Subcommittees:

Communications (chairman).

Environment.

Merchant Marine.

Consumer.

Oceans and Atmosphere.

Special Subcommittee To Study Textile Industry (chairman).

SENATOR STUART SYMINGTON

Aeronautical and Space Sciences (no subcommittees).

Armed Services.

Foreign Relations.

Democratic Policy Committee.

Democratic Steering Committee.

Appropriations (ex officio member with vote on subcommittees and full Committee on Defense, Military Construction, Space, and Atomic Energy Activities.)

Armed Services—Subcommittees:

Preparedness Investigating.

Central Intelligence.

Arms Control.

Tactical Air Power.

Military Construction Authorization (chairman).

Nuclear Test Ban Treaty Safeguards.

National Stockpile and Naval Petroleum Reserves.

Foreign Relations—Subcommittees:

European Affairs.

Near Eastern Affairs.

U.S. Security Agreements and Commitments Abroad (chairman).

Multinational Corporations.

HOUSE OF REPRESENTATIVES (IN ALPHABETICAL ORDER)

MR. JOHN B. ANDERSON

Republican Conference (chairman).

Rules.

MR. ORVAL HANSEN

Education and Labor.

House Administration.

Joint Committee on the Library.

Education and Labor—Subcommittees:
 Special Subcommittee on Labor.
 Select Subcommittee on Education.
 House Administration—Subcommittees:
 Subcommittee on Printing.

MR. CHET HOLIFIELD

Government Operations (chairman)—Subcommittees: All.¹
 Legislation and Military Operations (chairman).
 Standards of Official Conduct.

MR. CRAIG HOSMER

Interior and Insular Affairs.
 Interior—Subcommittees:
 Subcommittee on Water and Power Resources.
 Subcommittee on Mines and Mining.
 Subcommittee on Territorial and Insular Affairs.
 Subcommittee on the Environment.

MR. MANUEL LUJAN, JR.

Interior and Insular Affairs.
 Interior and Insular Affairs—Subcommittees:
 Indian Affairs.
 Water and Power Resources.
 Territorial and Insular Affairs.

MR. MIKE McCORMACK

House Committee on Science and Astronautics.
 House Committee on Public Works.
 House Committee on Science and Astronautics—Subcommittees:
 Energy (chairman).
 Science, Research, and Development.
 International Cooperation in Science and Space.
 House Committee on Public Works—Subcommittees:
 Water Resources.
 Public Buildings and Grounds.
 Investigation and Review.

MR. MELVIN PRICE

Armed Services.
 Standards of Official Conduct (chairman).
 Armed Services—Subcommittees:
 Subcommittee No. 1 (chairman).
 Special Subcommittee on Intelligence.

MR. TENO RONCALLO

Public Works.
 Interior and Insular Affairs.
 Public Works—Subcommittees:
 Energy.
 Transportation.
 Public Buildings and Grounds.
 Investigations and Review.
 Economic Development.
 Interior and Insular Affairs—Subcommittees:
 Environment.
 National Parks and Recreation.
 Water and Power Resources.

MR. JOHN YOUNG

Rules.

¹ Ex officio member of all subcommittees.

VI. MEMBERSHIP OF THE ATOMIC ENERGY COMMISSION 1946-74

[Dates of taking first oath of office]

1946	Lilienthal, Chm. Nov. 1, 1946	Bacher Nov. 1, 1946	Pike Oct. 31, 1946	Strauss Nov. 12, 1946	Waymack Nov. 5, 1946
1949		Smyth May 30, 1949			Dean May 24, 1949
1950	Murray May 9, 1950			Glennan Oct. 2, 1950	Dean, Chm. from Aug. 11, 1950
1952			Zuckert Feb. 25, 1952		
1953				Campbell July 27, 1953	Strauss, Chm. July 2, 1953
1954		Libby Oct. 5, 1954			
1955			Von Neumann Mar. 15, 1955	Vance Oct. 3, 1955	
1957	Floberg Oct. 1, 1957		Graham Sept. 12, 1957		
1958					McCone, Chm. July 14, 1958
1959		Williams Aug. 13, 1959			
1960	Olson June 23, 1960			Wilson Mar. 22, 1960	
1961		Haworth Apr. 17, 1961			Seaborg, Chm. Mar. 1, 1961
1962	Palfrey Aug. 31, 1962		Ramey Aug. 31, 1962		
1963		Tape July 15, 1963			
1964				Bunting June 29, 1964	
1965					
1966	Johnson Aug. 1, 1966			Nabrit Aug. 1, 1966	
1967					
1968			Costagliola Oct. 1, 1968	Seaborg, Chm. July 1, 1968	Ramey ¹ July 18, 1968
1969		Thompson ² June 12, 1969	Larson ³ Sept. 2, 1969		
1970		(5)		July 1, 1970 ⁴	
1971		Doub Aug. 17, 1971		Schlesinger, Chm. ⁶ Aug. 17, 1971	
1972	Ray ⁷ Aug. 8, 1972				
1973	Ray, Chm. from Feb. 6, 1973			Kriegsman ⁸ June 12, 1973	Anders Aug. 6, 1973
1974			(9)		

¹ On July 18, 1968, James T. Ramey vacated the term ending June 30, 1969, and began the 5-year term ending June 30, 1973.

² On June 12, 1969, Theos J. Thompson took the oath of office to fill the remainder of the term ending June 30, 1971, vacated by Gerald F. Tape on April 30, 1969.

³ On Sept. 2, 1969, Clarence E. Larson took the oath of office to fill a 5-year term ending June 30, 1974.

⁴ Upon expiration of the term ending June 30, 1970, Glenn T. Seaborg was appointed to a 5-year term ending June 30, 1975.

⁵ On Nov. 25, 1970, Commissioner Thompson died in a plane crash. His seat was not filled during 1970.

⁶ Resigned Jan. 26, 1973.

⁷ On Feb. 6, 1973, Dr. Ray was designated Chairman.

⁸ On June 12, 1973, William E. Kriegsman took the oath of office to fill the remainder of the term ending June 30, 1975, vacated by James R. Schlesinger on Feb. 5, 1973.

⁹ Vacancy exists since expiration of Clarence E. Larson's term on June 30, 1974.

Tenure of office of AEC Commissioners, 1946-73

	From—	To—	Remarks
David E. Lilienthal, Chairman.....	Nov. 1, 1946	Feb. 15, 1950	Resigned.
Robert F. Bacher.....	Nov. 1, 1946	May 10, 1949	Resigned.
Sumner T. Pike.....	Oct. 31, 1947	Dec. 15, 1951	Resigned.
William W. Waymack.....	Nov. 5, 1946	Dec. 21, 1948	Resigned.
Lewis L. Strauss.....	Nov. 12, 1946	Apr. 15, 1950	Resigned.
Chairman.....	July 2, 1953	June 30, 1958	Term expired.
Henry DeWolf Smyth.....	May 30, 1949	Sept. 30, 1954	Resigned.
Gordon Dean.....	May 24, 1949	June 30, 1953	Term expired.
Chairman.....	July 11, 1950	June 30, 1953	
Thomas E. Murray.....	May 9, 1950	June 30, 1957	Term expired.
Thomas Keith Glennan.....	Oct. 2, 1950	Nov. 1, 1952	Resigned.
Eugene M. Zuckert.....	Feb. 25, 1952	June 30, 1954	Term expired.
Joseph Campbell.....	July 27, 1953	Nov. 30, 1954	Resigned.
Willard F. Libby.....	Oct. 5, 1954	June 30, 1959	Resigned.
John Von Neumann.....	Mar. 15, 1955	Feb. 8, 1957	Deceased.
Harold S. Vance.....	Oct. 31, 1955	Aug. 31, 1959	Deceased.
John S. Graham.....	Sept. 12, 1957	June 30, 1962	Resigned.
John Forrest Floberg.....	Oct. 1, 1957	June 23, 1960	Resigned.
John A. McCone, Chairman.....	July 14, 1958	Jan. 20, 1961	Resigned.
John H. Williams.....	Aug. 13, 1959	June 30, 1960	Resigned.
Robert E. Wilson.....	Mar. 22, 1960	Jan. 31, 1964	Resigned.
Loren K. Olson.....	June 23, 1960	June 30, 1962	Term expired.
Glenn T. Seaborg, Chairman.....	Mar. 1, 1961	Aug. 16, 1971	Resigned.
Leland J. Haworth.....	Apr. 17, 1961	June 30, 1963	Resigned.
John G. Palfrey.....	Aug. 31, 1962	June 30, 1966	Resigned.
James T. Ramey.....	Aug. 31, 1962	June 30, 1973	Term expired.
Gerald F. Tape.....	July 15, 1963	April 30, 1969	Resigned.
Mary I. Bunting.....	June 29, 1964	June 30, 1965	Term expired.
Wilfrid E. Johnson.....	Aug. 1, 1966	June 30, 1972	Term expired.
Samuel M. Nabrit.....	Aug. 1, 1966	Aug. 1, 1967	Resigned.
Francesco Costagliola.....	Oct. 1, 1968	June 30, 1969	Term expired.
Theos J. Thompson.....	June 12, 1969	Nov. 25, 1970	Deceased.
Clarence E. Larson.....	Sept. 2, 1969	June 30, 1974	Term expired.
James R. Schlesinger, Chairman.....	Aug. 17, 1971	Feb. 5, 1973	Resigned.
William O. Doub.....	Aug. 17, 1971	June 30, 1976 ¹	
Dixy Lee Ray ²	Aug. 8, 1972	June 30, 1977 ¹	
Chairman.....	Feb. 6, 1973		
William E. Kriegsman.....	June 12, 1973	June 30, 1975	
William A. Anders.....	Aug. 6, 1973	June 30, 1978	

¹ Date term expires.² Designated Chairman, Feb. 6, 1973.

VII. TENURE OF OFFICE OF AEC GENERAL MANAGERS AND JCAE EXECUTIVE DIRECTORS

ATOMIC ENERGY COMMISSION, GENERAL MANAGERS, 1946-73

General Manager	From—	To—
Carroll L. Wilson.....	Dec. 31, 1946.....	Aug. 15, 1950.
Marion W. Boyer.....	Nov. 1, 1950.....	Oct. 31, 1953.
Kenneth D. Nichols.....	Nov. 1, 1953.....	Apr. 30, 1955.
Kennet E. Fields.....	May 1, 1955.....	June 30, 1958.
Paul F. Foster.....	July 1, 1958.....	Nov. 30, 1958.
A. R. Luedecke.....	Dec. 1, 1958.....	July 31, 1964.
R. E. Hollingsworth.....	Aug. 11, 1964.....	Dec. 31, 1973.
John A. Erlewine.....	Feb. 14, 1974.....	Present.

JOINT COMMITTEE ON ATOMIC ENERGY, EXECUTIVE DIRECTORS, 1947-73

Executive Director ¹	From—	To—
Fred B. Rhodes, Jr.....	Feb. 13, 1947.....	Jan. 27, 1949.
William L. Borden.....	Jan. 28, 1949.....	Sept. 30, 1953.
Corbin A. Allardice.....	Oct. 1, 1953.....	Sept. 30, 1955.
James T. Ramey.....	Apr. 1, 1956.....	Aug. 30, 1962.
John T. Conway.....	Sept. 19, 1962.....	Oct. 31, 1968.
Edward J. Bauser.....	Nov. 1, 1968.....	Present.

¹ Christopher T. Boland was staff director of the Senate Special Committee on Atomic Energy, November 15, 1945, and served on the Joint Committee as staff director until January 9, 1947.

VIII. ATOMIC ENERGY LEGISLATIVE REFERENCES, 1946-73¹

(Publications that are followed by a price may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C., 20402)

- Public Law 585, 79th Congress (60 Stat. 755)—The Atomic Energy Act of 1946. Approved August 1, 1946. (Price, 10 cents.)
- Public Law 898, 80th Congress (62 Stat. 1259)—To provide for the extension of the terms of office of the present members of the Atomic Energy Commission. Approved July 3, 1948.*
- Public Law 14, 81st Congress (63 Stat. 11)—To retrocede to the State of New Mexico exclusive jurisdiction held by the United States over lands within the boundaries of the Los Alamos Project of the United States Atomic Energy Commission. Approved March 4, 1949.
- Public Law 347, 81st Congress (63 Stat. 762)—To amend the Atomic Energy Act of 1946 (providing for changes in the Military Liaison Committee). Approved October 11, 1949.*
- Public Law 820, 81st Congress (64 Stat. 979)—To amend the Atomic Energy Act of 1946 (changing compensation to be received by members of the Atomic Energy Commission). Approved September 23, 1950.*
- Public Law 235, 82d Congress (65 Stat. 692)—To amend the Atomic Energy Act of 1946, as amended (relating to the control of atomic information). Approved October 30, 1951.*
- Public Law 298, 82d Congress (66 Stat. 44)—To provide for certain investigations by the Civil Service Commission in lieu of the Federal Bureau of Investigation, and for other purposes. Approved April 5, 1952.*
- Public Law 137, 83d Congress (67 Stat. 181)—To amend the Atomic Energy Act of 1946, as amended (providing for entering into long-term contracts for electric-utility services). Approved July 17, 1953.*
- Public Law 164, 83d Congress (67 Stat. 757)—To amend the Atomic Energy Act of 1946, as amended (relating to the control of information, FBI investigations, carrying of firearms, etc.). Approved July 31, 1953.*
- Public Law 262, 83d Congress (67 Stat. 575)—To amend section 9(b) of the Atomic Energy Act of 1946 (relating to the exemption of activities of the Atomic Energy Act from State and local taxation). Approved August 13, 1953.*
- Public Law 703, 83d Congress (68 Stat. 919)—Atomic Energy Act of 1954 (this act superseded the Atomic Energy Act of 1946). Approved August 30, 1954.*
- Public Law 31, 84th Congress (69 Stat. 47)—Authorizes the Atomic Energy Commission to construct a principal office building in or near the District of Columbia from funds now available or to be appropriated. Approved May 6, 1955.*
- Public Law 141, 84th Congress (69 Stat. 366)—To authorize appropriations for the AEC for the acquisition or condemnation of real property or any facility, or for plant or facility acquisition, construction, or expansion, and for other purposes. Approved July 11, 1955.*
- Public Law 165, 84th Congress (69 Stat. 47)—The Atomic Weapons Rewards Act of 1955—To provide rewards for information concerning the illegal introduction into the United States, or the illegal manufacture or acquisition in the United States of special nuclear materials and atomic weapons. Approved July 15, 1955. (Price, 5 cents.)
- Public Law 221, 84th Congress (69 Stat. 471)—The Atomic Energy Community Act of 1955 (facilitates the establishment of local self-government at the communities of Oak Ridge, Tenn., and Richland, Wash., and provides for the disposal of federally owned properties of such communities). Approved August 4, 1955.*

¹ For a compilation of statutes and material pertaining to atomic energy legislation, brought up to date through Dec. 31, 1972, see Joint Committee print entitled "Atomic Energy Legislation Through 92d Congress, 2d session," available at the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402.

*Out of print.

- Public Law 337, 84th Congress (69 Stat. 630)—Authorizes the payment of the salary of a member of the Atomic Energy Commission who is appointed during the recess of Congress, and amends section 21 of the Atomic Energy Act of 1954 relating to the equal authority and responsibility of all AEC Commissioners. Approved August 9, 1955.*
- Public Law 506, 84th Congress (60 Stat. 127)—To authorize appropriations for the Atomic Energy Commission for acquisition or condemnation of real property or any facilities, or for plant or facility acquisition, construction, or expansion, and for other purposes. Approved May 3, 1956.*
- Public Law 722, 84th Congress (70 Stat. 553)—To amend the Atomic Energy Act of 1954, to permit the negotiation of commercial leases at atomic energy communities, and for other purposes. Approved July 14, 1956.*
- Public Law 802, 84th Congress (70 Stat. 653)—To amend the Atomic Energy Community Act of 1955, and for other purposes. Approved July 25, 1956.*
- Public Law 981, 84th Congress (70 Stat. 1035)—To amend Public Law 506, 84th Congress, 2d session, to increase the authorization for appropriations to the Atomic Energy Commission for acquisition or condemnation of real property, or any facilities, or for plant or facility acquisition, construction, or expansion, and for other purposes. Approved August 6, 1956.*
- Public Law 1006, 84th Congress (70 Stat. 1069)—To amend the Atomic Energy Act of 1954, as amended, and for other purposes. Approved August 6, 1956.*
- Public Law 85-14, 85th Congress (71 Stat. 11)—To amend the Atomic Energy Act of 1954, as amended, and for other purposes (providing that the President may authorize the Atomic Energy Commission to enter into an agreement with the Federal Republic of Germany on behalf of Berlin). Approved April 12, 1957.*
- Public Law 85-79, 85th Congress (71 Stat. 274)—To amend the Atomic Energy Act of 1954, as amended, and for other purposes (amends section 261—Appropriations—To increase the authorization requirements for appropriations, etc.). Approved July 3, 1957.*
- Public Law 85-162, 85th Congress (71 Stat. 403)—To authorize appropriations for the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved August 21, 1957.*
- Public Law 85-177, 85th Congress (71 Stat. 453)—To provide for the appointment of representatives of the United States in the organs of the International Atomic Energy Agency, and to make other provisions with respect to the participation of the United States in that Agency, and for other purposes. Approved August 28, 1957.*
- Public Law 85-256, 85th Congress (71 Stat. 576)—To amend the Atomic Energy Act of 1954, as amended, and for other purposes (providing for a program of Government indemnification and limitation of liability, and establishes an Advisory Committee on Reactor Safeguards). Approved September 2, 1957.*
- Public Law 85-287, 85th Congress (71 Stat. 612)—To amend the Atomic Energy Act of 1954, as amended, to increase the salaries of certain executives of the Atomic Energy Commission, and for other purposes. Approved September 4, 1957.*
- Public Law 85-412, 85th Congress (72 Stat. 117)—To amend Public Law 85-162, to increase the authorization for appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved May 16, 1958.*
- Public Law 85-479, 85th Congress (72 Stat. 276)—To amend the Atomic Energy Act of 1954, as amended, to provide for greater exchange of military information and material with allies. Approved July 2, 1958.*
- Public Law 85-519, 85th Congress (72 Stat. 358)—To further amend Public Law 85-162, to increase authorization for appropriation for the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved July 15, 1958.*
- Public Law 85-590, 85th Congress (72 Stat. 490)—To authorize appropriations for the Atomic Energy Commission for fiscal year 1959 in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved August 4, 1958.*
- Public Law 85-602, 85th Congress (72 Stat. 525)—To amend the Atomic Energy Act of 1954, as amended, with respect to indemnity agreements for the NS Savannah. Approved August 8, 1958.*

*Out of print.

- Public Law 85-681, 85th Congress (72 Stat. 632)—To amend the Atomic Energy Act of 1954, as amended, for various purposes (AEC omnibus bill). Approved August 19, 1958.*
- Public Law 85-744, 85th Congress (72 Stat. 837)—To amend the Atomic Energy Act of 1954, as amended with respect to indemnity agreements for nonprofit educational institutions. Approved August 23, 1958.*
- Public Law 85-846, 85th Congress (72 Stat. 1084)—To provide for cooperation with the European Atomic Energy Community. Approved August 28, 1958.*
- Senate Concurrent Resolution 116, 85th Congress, to approve agreements between the Government of the United States of America and the European Atomic Energy Community (Euratom) signed at Brussels on May 29, 1958, and at Washington on June 19, 1958, concerning cooperation for the advancement of the peaceful application of atomic energy. Passed both Houses of Congress August 20, 1958.
- Public Law 86-43, 86th Congress (73 Stat. 73)—To amend section 251 of the Atomic Energy Act of 1954, as amended, to provide for the submission by the Atomic Energy Commission of an annual rather than a semiannual report to Congress. Report to be submitted in January of each year. Approved June 11, 1959.*
- Public Law 86-44, 86th Congress (73 Stat. 73)—To amend Public Law 85-590 to increase the authorization for appropriations to the Atomic Energy Commission for project 59-c-5, phermex installation, Los Alamos. Approved June 11, 1959.*
- Public Law 86-50, 86th Congress (73 Stat. 81)—To authorize appropriations for the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes (Authorization Act for fiscal year 1960). Approved June 23, 1959.*
- Public Law 86-300, 86th Congress (73 Stat. 574)—To amend subsection 161m of the Atomic Energy Act of 1954, as amended, with respect to agreements for the reprocessing of irradiated fuel elements, and section 163 of the Atomic Energy Act of 1954, as amended with respect to Atomic Energy Commission advisory committees. Approved September 21, 1959.*
- Public Law 86-373, 86th Congress (73 Stat. 688)—To amend the Atomic Energy Act of 1954, as amended, by adding a new section 274 with respect to Cooperation with States. Approved September 23, 1959.*
- Public Law 86-457, 86th Congress (74 Stat. 120)—To authorize appropriations for the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended. Approved May 13, 1960.*
- Public Law 87-52, 87th Congress (75 Stat. 94)—To authorize construction of community support facilities at Los Alamos County, N. Mex. Approved June 16, 1961.*
- Public Law 87-174, 87th Congress (75 Stat. 409)—To amend section 53 c. of the Atomic Energy Community Act of 1955. Approved August 30, 1961.*
- Public Law 87-206, 87th Congress (75 Stat. 475)—To amend various sections of the Atomic Energy Act of 1954, as amended, and the Euratom Cooperation Act of 1958, and for other purposes. Approved September 6, 1961.*
- Public Law 87-315, 87th Congress (75 Stat. 676)—To authorize appropriations for the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved September 26, 1961.*
- Public Law 87-363, 87th Congress (75 Stat. 782)—To waive certain provisions of the Atomic Energy Act of 1954 so as to permit the agreement for cooperation between the United States and France to be made immediately effective. Approved October 4, 1961.*
- Public Law 87-615, 87th Congress (76 Stat. 409)—To amend the Atomic Energy Act of 1954, as amended, and for other purposes. Approved August 29, 1962.*
- Public Law 87-701, 87th Congress (76 Stat. 599)—To authorize appropriations for the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved September 26, 1962.*
- Public Law 87-719, 87th Congress (76 Stat. 664)—To amend the Atomic Energy Community Act of 1955, as amended, to provide for the disposal of federally owned properties at Los Alamos, N. Mex., and for other purposes. Approved September 28, 1962.*

*Out of print.

- Public Law 88-72, 88th Congress (77 Stat. 84)—To authorize appropriations for The Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved July 22, 1963.*
- Public Law 88-189, 88th Congress (77 Stat. 343)—To amend Public Law 88-72 to increase the authorization for appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved November 29, 1963.*
- Public Law 88-294, 88th Congress (78 Stat. 172)—To amend the Atomic Energy Act of 1954 (amends section 202). Approved March 26, 1964.*
- Public Law 88-332, 88th Congress (78 Stat. 227)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved June 30, 1964.*
- Public Law 88-394, 88th Congress (78 Stat. 376)—To amend the Atomic Energy Act of 1954, as amended, the Atomic Energy Community Act of 1955, as amended, and the EURATOM Cooperation Act of 1958, as amended (AEC omnibus bill). Approved August 1, 1964.*
- Public Law 88-489, 88th Congress (78 Stat. 602)—To amend the Atomic Energy Act of 1954, as amended, and for other purposes (Private Ownership of Special Nuclear Materials Act). Approved August 26, 1964.*
- Public Law 89-32, 89th Congress (79 Stat. 120)—To authorize appropriations to the Atomic Energy Commission in accordance with Section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved June 2, 1965.*
- Public Law 89-135, 89th Congress (79 Stat. 551) To amend section 271 of the Atomic Energy Act of 1954, as amended. Approved August 24, 1965.*
- Public Law 89-210, 89th Congress (79 Stat. 855)—To amend section 170 of the Atomic Energy Act of 1954, as amended. Approved September 29, 1965.*
- Public Law 89-428, 89th Congress (89 Stat. 162)—To authorize appropriations to the Atomic Energy Commission in accordance with Section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved May 21, 1966.*
- Public Law 89-645, 89th Congress (80 Stat. 891)—To amend section 170 of the Atomic Energy Act of 1954, as amended. Approved October 13, 1966.*
- Public Law 89-648, 89th Congress (80 Stat. 895)—To amend Public Law 89-428 to authorize the Atomic Energy Commission to enter into a cooperative arrangement for a large-scale combination nuclear power-desalting project. Approval October 13, 1966.*
- Public Law 90-56, 90th Congress (81 Stat. 124)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved July 26, 1967.*
- Public Law 90-190, 90th Congress (81 Stat. 575)—To amend the Atomic Energy Community Act of 1955, as amended, the Atomic Energy Act of 1954, as amended, and the EURATOM Cooperation Act of 1958, as amended. Approved December 14, 1967.*
- Public Law 90-289, 90th Congress (82 Stat. 96)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved April 19, 1968.*
- Public Law 91-44, 91st Congress (83 Stat. 46)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved July 11, 1969. (Price, 10 cents.)
- Public Law 91-161, 91st Congress (83 Stat. 444)—To amend sections 153h, 221c, 222, 223, 224, 225, 226, and add section 234 to the Atomic Energy Act of 1954, as amended. Approved December 24, 1969. (Price, 5 cents.)
- Public Law 91-273, 91st Congress (84 Stat. 299)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved June 2, 1970.
- Public Law 91-560, 91st Congress (84 Stat. 1472)—To amend the Atomic Energy Act of 1954, as amended (secs. 31, 56, 102, 103, 104, 105, 161, 182, 191, and 274) to eliminate the requirement for a finding of practical value and for other purposes. Approved December 19, 1970.

*Out of print.

- Public Law 91-580, 91st Congress (84 Stat. 1565)—To amend Public Law 91-273 to increase authorization of appropriations for fiscal year 1971. Approved December 24, 1960.
- Public Law 92-84, 92d Congress (85 Stat. 304)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved August 11, 1971.
- Public Law 92-307, 92d Congress (86 Stat. 191)—To authorize the AEC to issue temporary operating licenses for nuclear power reactors under certain circumstances. Approved June 2, 1972.
- Public Law 92-314, 92d Congress (86 Stat. 222)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved June 16, 1972.
- Public Law 93-60, 93d Congress (77 Stat. 88)—To authorize appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved July 6, 1973.
- Public Law 93-88, 93d Congress (81 Stat. 578)—To amend the Euratom Cooperation Act of 1958, as amended. Approved August 14, 1973.
- Public Law 93-158, 93d Congress (87 Stat. 627)—To amend Public Law 93-60 to increase the authorization for appropriations to the Atomic Energy Commission in accordance with section 261 of the Atomic Energy Act of 1954, as amended, and for other purposes. Approved November 26, 1973.

IX. PUBLICATIONS OF THE JOINT COMMITTEE ON ATOMIC ENERGY, 1945-73

(Publications that are followed by a price may be obtained from the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402, at the price indicated. When no price is indicated, request may be made, in writing, to the Joint Committee on Atomic Energy, U.S. Capitol, Washington, D.C. 20510, unless an asterisk indicates that the publication is out of print.)

1945-46 (79th Cong.)

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| Development and Control of Atomic Energy (on S. 1717, a bill for the development and control of atomic energy.)* | Hearings, Jan. 22, 23, 25, 28, 29, 30, 31; Feb. 1, 7, 8, 11, 13, 14, 18, 19, 27; Apr. 4, 8, 1946. |
| Essential Information on Atomic Energy.* | Monograph. 1946, Monograph No. 1. |
| Investigating Problems Relating to the Development, Use, and Control of Atomic Energy (authority of S. Res. 179), pts. 1-5.* | Hearings, Nov. 27, 28, 29, 30; Dec. 3, 5, 6, 10, 12, 13, 14, 19, 20, 1945; Feb. 15, 1945. |

1947 (80th Cong., 1st sess.)

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| Confirmation of the Atomic Energy Commission and the General Manager. ¹ * | Hearings Jan. 27, 28, 30, 31, Feb. 3, 4, 5, 6, 7, 8, 10, 11, 12, 17, 18, 19, 20, 21, 22, 24, 25, 28; Mar. 3, 4. |
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1948 (80th Cong., 2d sess.)

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| Argonne National Laboratory, Du Page County (Ill.) Site* | Committee print, June 17 (subcommittee report). |
| Comparison of Atomic Energy Legislation of the United States and Certain Foreign Countries.* | Committee print, Dec. 21. |
| Labor Policy in Atomic Energy Plants.* | Hearings, Mar. 9, 10, 12, 15, 16. |

1949 (81st Cong. 1st sess.)

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| Atomic Energy Commission Fellowship Program.* | Hearings, May 16, 17, 18, and 23. |
| Atomic Energy Report to Congress*--- | Hearing, Feb. 2. |
| Confirmation of Gordon E. Dean and Henry DeWolf Smyth as Members of the Atomic Energy Commission. ¹ | Hearings, May 12 and 18. |
| Dormitory Rental Problem, Oak Ridge, Tenn.* | Committee print, Apr. 19 (subcommittee report). |
| Hanford School Facilities* | Hearings, Aug. 2, 4, 8, and 10. |
| Investigation Into the United States Atomic Energy Project.* | Hearings, May 26; June 1, 2, 6, 8, 9, 13, 15, 16, 17, 20, 21, 22, 23, 24, 28, 29, 30, July 6, 7, 8, 11; appendixes; index. |
| Los Alamos Retrocession Bill and AEC Contract Policy.* | Hearings, Feb. 17, 21, and 24. |
| Natural Gas Facilities for Oak Ridge* | Hearings, May 2. |
| Natural-Gas Pipe Line, Oak Ridge, Tenn.* | Committee print, May 23 (subcommittee report). |
| Oak Ridge Dormitory Facilities*----- | Hearing, Apr. 21. |

NOTE.—Above publications by Senate Special Committee on Atomic Energy.

¹ Confirmation hearings before Senate section of Joint Committee on Atomic Energy.

*Out of print.

- Recommendations on Labor Relations Policy in Atomic Energy Installations.* Hearing, May 3.
- Selection of Site for Reactor Test Station.* Hearings, Apr. 14 and May 1.
- Uranium Inventory at Oak Ridge*---- Hearing, June 20.

1950 (81st Cong., 2d sess.)

- Civil Defense Against Atomic Attack: Preliminary Data.* Committee print, February
- Civil Defense Against Atomic Attack*-- Hearings, Mar. 17, 20, 23, 30; Apr. 3 Dec. 4.
- Community Policy*----- Hearing, Apr. 18.
- Community Policy*----- Hearing, June 6.
- Confirmation of Sumner T. Pike to be a Member of the Atomic Energy Commission.^{1*} Hearing, June 29.
- Confirmation of Thomas E. Murray to be a Member of the Atomic Energy Commission.^{1*} Hearing, Mar. 29.
- Confirmation of Thomas Keith Glennan to be a Member of the Atomic Energy Commission.^{1*} Hearing, Aug. 16.
- Department Store Lease at Oak Ridge, Tenn.* Hearing, Mar. 13 and 14.
- Hanford School Facilities*----- Hearing, Mar. 3.
- Hanford School Facilities*----- Committee print, Mar. 15 (subcommittee report).
- Lease of an Oak Ridge Department Store.* Committee print, Mar. 30 (subcommittee report).
- Patent Aspects of the Atomic Energy Act.* Hearing, Mar. 31.
- The Hydrogen Bomb and International Control: Technical and Background Information.*** Committee print, July.

1951 (82d Cong., 1st sess.)

- Expanded Atomic Production Program.* Hearing, Sept. 27.
- Housing for Savannah River and Paducah.* Hearing, Feb. 16.
- Soviet Atomic Espionage*----- Committee print, April.

1952 (82d Cong., 2d sess.)

- Amending the Atomic Energy Act*---- Hearings, Feb. 19, 20, 27; Mar. 10, 14, 17.
- Atomic Power and Private Enterprise*-- Committee print, December (price, \$1.25).
- Confirmation of Eugene M. Zuckert as a Member of the Atomic Energy Commission.^{1*} Hearing, Jan. 29.
- State Taxation of AEC Contractors*--- Hearing, Apr. 24.
- The Atomic Energy Act of 1946, With Amendments Through the 82d Congress.*² Committee print, November.
- Wage Payments at Nevada Test Site*-- Hearing, Jan. 30.

1953 (83d Cong., 1st sess.)

- Atomic Power Development and Private Enterprise.* Hearings, June 19, 24, 25; July 1, 6, 9, 13, 15, 16, 20, 22, 23, 27, and 31.
- Atomic Power Development and Private Enterprise.* Summary of the hearing (report), December.

¹ Confirmation hearings before Senate section of Joint Committee on Atomic Energy.

² Current print now available.

*Out of print.

***Available only at the office of the Joint Committee.

- Index to Press Releases of the Atomic Energy Commission (1947-51).* Committee print.
- Legislation Concerning Long-Term Utility Contracts (amending the Atomic Energy Act of 1946.)* Hearings, Apr. 28 and June 10 (H.R. 4905).
- The Atomic Energy Act of 1946. With Amendments Through the 83 Cong., 1st sess.*² Committee print, December.
- 1954 (83 Cong., 2d sess.)
- A Proposed Act To Amend the Atomic Energy Act of 1946.* Committee print, April.
- Disposal of Government-Owned Community at Richland, Wash.* Hearings, June 18 and 19 (Part 1).
- Exercise of Statutory Requirements Under Sec. 164, Atomic Energy Act of 1954—Utility Contract Between Atomic Energy Commission and Mississippi Valley Generating Co.* Hearings, Nov. 4, 5, 6, 8, 9, 10, 11, 12, and 13.
- Five-Year Power Reactor Development Program Proposed by the Atomic Energy Commission.* Report on the Subcommittee on Research and Development, March.
- Index to Press Releases of the Atomic Energy Commission (1952-53).* Committee print, October.
- Proposed Legislation To Effect Disposal of Government-Owned Communities at Oak Ridge, Tenn., and Richland, Wash., and Other Pertinent Documents.* Committee print, April.
- Providing Radioisotopes for Medical Research.* Report, August.
- S. 3323 and H.R. 8862, To Amend the Atomic Energy Act of 1946.* Hearings (pt. 1 of 2 parts), May 10, 11, 12, 13, 14, 17, 18, and 19.
- S. 3323 and H.R. 8862, To Amend the Atomic Energy Act of 1946.* Hearings (pt. 2 of 2 parts), June 2, 3, 4, 5, 8, 17, and 18.
- The Contribution of Atomic Energy to Agriculture.* Hearings (Subcommittee on Research and Development,) Mar. 31, and Apr. 1.
- The Contribution of Atomic Energy to Medicine.* Hearings (Subcommittee on Research and Development), June 2, 3, and 4.
- 1955 (84th Cong., 1st sess.)
- AEC-FCDA Relationship***----- Hearing, Mar. 24.
- Authorizing Legislation *----- Hearings, May 2, 9, 10, and 31 (Subcommittee on Authorizing Legislation).
- Confirmation of AEC Commissioners, June 1953 to March 1955.¹ * Hearings, June 27, July 20, 1953, Nov. 18, 1954, and Mar. 8, 1955 (Senate section of the Joint Committee).
- Current Statement of the Atomic Energy Commission on the 5-Year Reactor Development Program to the Subcommittee on Research and Development.* Committee print, May 4.
- Development, Growth, and State of the Atomic Energy Industry.* Hearings (pt. 1 of 3 parts), Jan. 31, Feb. 1, 3, and 4.
- Development, Growth, and State of the Atomic Energy Industry.* Hearings (pt. 2 of 3 parts), Feb. 7, 8, 9, and 10.
- Development, Growth, and State of the Atomic Energy Industry.* Hearings (pt. 3 of 3 parts), Feb. 28, Mar. 1, 2, and 3.

¹ Confirmation hearings before Senate section of Joint Committee on Atomic Energy.

² Current print now available.

*Out of print.

***Available only at the office of the Joint Committee.

- Development, Growth, and State of the Atomic Energy Industry, Index to Hearings.* Committee print, Aug. 5.
- Disposal of Government-Owned Community at Los Alamos, N. Mex.* Hearing, Sept. 6.
- Disposal of Government-Owned Communities at Oak Ridge, Tenn., and Richland, Wash.* Committee print, April.
- Disposal of Government-Owned Community at Oak Ridge, Tenn.* Hearing, June 10 (Ad Hoc Subcommittee on Disposal of Government-Owned Communities).
- Disposal of Government-Owned Community at Richland, Wash., Part II.* Hearing, July 5.
- Health and Safety Problems and Weather Effects Associated with Atomic Explosions.* Hearing, Apr. 15.
- Radiation Sterilization of Foods*** ----- Hearing, May 9 (Subcommittee on Research and Development).
- Report of Comptroller General on Atomic Energy Commission Contracts for Electric Power: Report, Mar. 31.
- Part I—Review of EBASCO Services, Inc., Performance at Joppa, Ill., Steam Electric Station of Electric Energy, Inc.*
- Visit to Australia* ----- Report (Raw Materials Subcommittee), Feb. 9
- Waiver Action (Nov. 13, 1954) by the Joint Committee on Atomic Energy, 83d Cong., 2d sess.—Utility Contract Between the Atomic Energy Commission and Mississippi Valley Generating Co.* Report, January.
- 1956 (84th Cong., 2d sess.)
- Accelerating Civilian Reactor Program.* Hearings, May 23, 24, 25, 28, 29.
- Atomic Energy Legislation through 84th Congress.*² Committee print, December.
- Authorizing Legislation* ----- Hearings, Feb. 17 and Mar. 27.
- Civilian Atomic Power Acceleration Program.*** Hearing, June 28.
- Development, Growth, and State of the Atomic Energy Industry.* Hearings, Feb. 7, 8, 15, 16, and 23 (pt. 1 of 2 parts).
- Development, Growth, and State of the Atomic Energy Industry.* Hearings, Feb. 29, Mar. 1, 5, and 6 (pt. 2 of 2 parts).
- Index to Hearings on Development, Growth, and State of the Atomic Energy Industry.* Committee print, December.
- Engineering and Scientific Manpower in the United States, Western Europe, and Soviet Russia.* Committee print, March.
- Government Indemnity* ----- Hearings, May 15, 16, 17, 18, 21, and June 14.
- Index to Press Releases of the Atomic Energy Commission, 1954-55.* Committee print, November.
- Membership, Acts Amending the Atomic Energy Act of 1946, and list of committee publications.*] Committee print, February.
- Progress Report on Research in Medicine, Biology, Agriculture, and Food Preservation.* Hearings (Subcommittee on Research and Development), June 4, 5, 6, 7, and 8.
- Proposed Amendment to Public Law 221.* Hearing, Feb. 10 (Subcommittee on Communities).

² Current print now available.

*Out of print.

***Available only at the Office of the Joint Committee.

- Report of Comptroller General on Atomic Energy Commission Contracts for Electric Power:
Parts II and III—Review of Electric Energy, Inc., and Ohio Valley Electric Corp. ***
- Report of the Panel on the Impact of the Peaceful Uses of Atomic Energy to the Joint Committee on Atomic Energy (vol. I).*
- Report of the Panel on the Impact of the Peaceful Uses of Atomic Energy to the Joint Committee on Atomic Energy (Background Material—vol. II).*
- Sale of Communities (1956)*-----
- Shortage of Scientific and Engineering Manpower.*
- 1957 (85th Cong., 1st sess.)
- A Study of AEC Procedures and Organization in the Licensing of Reactor Facilities.*
- AEC Headquarters Building Wing*-----
- Atomic Energy Legislation through 85th Cong., 1st sess.*²
- Authorization Legislation*-----
- Do.*-----
- Authorizing Legislation. Index to Hearings of 1955, 1956, and 1957.***
- Congressional Review of Atomic Energy Program.*
- Development, Growth, and State of the Atomic Energy Industry.*
- Do.*-----
- Development, Growth, and State of the Atomic Energy Industry. Index to Hearings.*
- Development of Scientific Engineering and other Professional Manpower (with emphasis on the role of the Federal Government).*
- Governmental Indemnity and Reactor Safety.*
- Membership, Acts Amending the Atomic Energy Act of 1946, and list of Committee Publications.*²
- Naval Reactor Program and Shipping-port Project.*
- Participation Act of the International Atomic Energy Agency, S. 2341.*
- Report of the Conferences on the Statute of the International Atomic Energy Agency by Congressional Advisers.*
- Review of Proposals Under Power Demonstration Program.*
- Committee print, Aug. 9.
- Committee print, January.
- Committee print, January.
- Hearings (Subcommittee on Communities), June 11, 19, 20, and 21.
Hearings, Apr. 17, 18, 19, 25, 26, and May 1 (Subcommittee on Research and Development, July 1.
- Committee print, April (price, 55 cents).
- Hearing, May 23.
Committee print, December.
- Hearings (pt. 1 of 2 parts), April 10, 16, and June 12, 13, 14, 17, 18, 24, 25, 26, and 27.
Hearings (pt. 2 of 2 parts), July 9.
Committee print, December.
- Hearings May 23 and June 10.
- Hearings (pt. 1 of 2 parts), Feb. 19, 20, 21, and 25.
Hearings (pt. 2 of 2 parts), Feb. 26, 27, 28, and Mar. 5.
Committee print, July.
- Committee print, May.
- Hearings, Mar. 25, 26, and 27.
Committee print, March.
- Hearings, Mar. 7 and Apr. 12.
Hearing, July 2.
Committee print, January.
- Hearing, Sept. 17.

² Current print now available.

*Out of print.

***Available only at the Office of the Joint Committee.

- Statute of the International Atomic Energy Agency Hearings before the Committee on Foreign Relations and Senate Members of the Joint Committee on Atomic Energy.*
 The Nature of Radioactive Fallout and Its Effects on Man.*
 Do.*-----
 Do.*-----
 Do.*-----
 West Berlin Reactor***-----
- May 10, 14, 15, and 20.
 Hearings (pt. 1 of 3 parts), May 27, 28, 29, and June 3.
 Hearings (pt. 2 of 3 parts), June 4, 5, 6, and 7.
 Index to Hearings (pt. 3 of 3 parts).
 Summary-Analysis of the Hearings, committee print, August.
 Hearing, Mar. 6.

1958 (85th Cong., 2d sess.)

- AEC Authorizing Legislation*-----
 Do.*-----
 AEC "Omnibus" Bill*-----
 Amending the Atomic Energy Act of 1954 To Permit Greater Exchange of Military Information and Material With Allied Nations.*
 Atomic Energy Legislation through 85th Cong., 2d sess.*²
 Authorizing Legislation for Destroyer Reactor Plant.*
 Comments of Rreactor Designers and Industrial Representatives on the Proposed Expanded Civilian Nuclear Power Program.*
 Development, Growth and State of the Atomic Energy Industry (1958 Section 202 Hearings).*
 Do.*-----
 Membership, Legislation, and Publications of the Joint Committee on Atomic Energy.*²
 Nomination of John A. McCone*-----
 Operation of AEC Indemnity Act*-----
 Outer Space Propulsion by Nuclear Energy.*
 Physical Research Program as It Relates to the Field of Atomic Energy.*
 Do.*-----
 Do.*-----
 Problems of the Uranium Mining and Milling Industry.*
- Hearings (Subcommittee on Legislation), May 14, 19, 27; June 4, 10, and 11 (Contains hearings on May 19, 1958, on H.R. 12457 (S. 3786). Increased authorization for Project Sherwood and Particle Accelerator Program).
 Index to hearings.
 Hearings (Subcommittee on Legislation), July 10, 17, and 18.
 Hearings (Subcommittee on Agreements for Cooperation), Jan. 29, 30, and 31; Feb. 4, 5, and 27; Mar. 5, 26, 27, and 28, Apr. 17.
 Committee print, December.
 Hearings (Subcommittee on Legislation), Mar. 14.
 Committee print, December.
 Hearings, Feb. 19, 20, 21, 26, and 28; Mar. 3 and 4.
 Index to hearings.
 Committee print, March.
 Hearings (Senate section of the Joint Committee), July 2.
 Hearings, May 8 and July 9 (contains hearings on July 8 and 17, 1958, on H.R. 13455 (S. 4164) and H.R. 13456 (S. 4165), Indemnity for Colleges and Universities and NS Savannah).
 Hearings (Subcommittee of the JCAE), Jan 22, 23, and Feb. 6.
 Hearings (Subcommittee on Research and Development), Feb. 3, 4, 5, 6, 7, 10, 11, 13, and 14.
 Report of Subcommittee on Research and Development, committee print, August.
 Index to hearings.
 Hearings, Feb. 19, 24, and 25.

² Current print now available.

*Out of print.

***Available only at the Office of the Joint Committee.

- Proposed Expanded Civilian Nuclear Power Program.*** Committee print, August.
- Proposed EURATOM Agreements (with associated documents and materials).* Committee print, July.
- Proposed EURATOM Agreements*--- Hearings, pt. 1, July 22, 23, 24, 29, and 30.
Do.*----- Pt. 2, Aug. 5, 7, and 13.
Do.*----- Index to hearings.
Report of the Undersea Warfare Advisory Panel to the Military Applications Subcommittee of the JCAE.*** Committee print, August.
- Report on First General Conference of International Atomic Energy Agency.*** Committee print, April.
- Review of Proposals Under Power Demonstration Program.* Hearings (Subcommittee on Legislation), Mar. 12, 14, and May 22, 23,
Technical Aspects of the Report on the Gas-Cooled, Graphite-Moderated Reactor.* Hearings (Subcommittee on Legislation), Apr. 22.
- 1959 (86th Cong., 1st sess.)
- Aircraft Nuclear Propulsion Program.*- Hearings, July 23.
Do.***----- Report, September.
- AEC Authorizing Legislation, Fiscal 1960.* Hearings, Feb. 7 and 27; Mar. 23, 24, and 25; Apr. 13, 14, and 15; and May 8.
Committee print, April.
- AEC Report on Indemnity Act and Advisory Committee on Reactor Safeguards.* Hearings, Jan. 21 and 22.
- Agreements for Cooperation with EURATOM.* Hearings, June 11, 12, and 17; July 1 and 2.
Agreements for Cooperation for Mutual Defense Purposes.* Hearings, June 30.
- Agreement for Cooperation between the United States and the International Atomic Energy Agency.* Hearings, Aug. 26.
- Amending the Atomic Energy Act and Authorization of Stanford Accelerator Project.*** Committee print, December.
- Atomic Energy Legislation through the 86th Cong., 1st sess.*² Committee print, March (2 volumes).
- Atomic Energy Patents, Selected Materials on.* Hearings, Apr. 21, 22, and 23.
Atomic Energy Patents*----- Hearings, July 22, 23, 24, 25, and 26.
- Biological and Environmental Effects of Nuclear War.* Summary-Analysis of Hearings.
Do***----- Hearing, Dec. 7.
- Community Problems at Los Alamos.*- Hearings, Feb. 17, 18, 19, 24, 25, and 26.
Development, Growth and State of the Atomic Energy Industry.* Index to hearings.
Do.*----- Committee print, February.
- Employee Radiation Hazards and Workmen's Compensation—Selected Materials.* Hearings, Mar. 10, 11, 12, 17, 18, and 19.
- Employee Radiation Hazards and Workmen's Compensation.* Summary-Analysis of Hearings, September.
Do.***----- Hearings, May 5, 6, 7, and 8.
- Fallout from Nuclear Weapons Tests.*- Summary-Analysis of Hearings, August.
Do.*----- Vol. 4. Index to hearings.
Do.*-----

² Current print now available.

*Out of print.

***Available only at the Office of the Joint Committee.

- Federal-State Relationships in the Atomic Energy Field, Selected Materials.* Committee print, March.
- Federal-State Relationships in the Atomic Energy Field.* Hearings, May 19, 20, 21, and 22.
- Indemnity and Reactor Safety*----- Hearings, Apr. 29 and 30.
- Industrial Radioactive Waste Disposal.* Hearings, Jan. 28, 29, and 30; Feb. 2 and 3; and July 29 (5 volumes).*
- Do.***----- Summary-Analysis of Hearings, August.
- Membership, Legislation and Publications of the JCAE.*² Committee print, February.
- Review of Naval Reactor Program and Admiral Rickover Award.* Hearings, Apr. 11 and 15.
- Scientific Research in Great Britain* Committee print, December.
- Stanford Linear Electron Accelerator* Hearings, July 14 and 15.

1960 (86th Cong., 2d sess.)

- AEC Authorizing Legislation, Fiscal Year 1961.* Hearings, Mar. 8, 10, 11, and Apr. 5, 6, and 7.
- AEC Community Problems***----- Hearings, June 13.
- Atomic Energy Legislation through the 86th Cong., 2d sess.*² Committee print, December.
- Development, Growth, and State of the Atomic Energy Industry.* Hearings, Feb. 16, 17, 18, 19, 23, 24, and 25.
- Frontiers in Atomic Energy Research* Hearings, Mar. 22, 23, 24, and 25.
- Do.***----- Summary-Analysis of Hearings, August.
- Future Role of the AEC Laboratories*** Committee print, October.
- Indemnity and Reactor Safety*----- Hearings, Apr. 26 and 27.
- Membership, Legislation and Publications of the JCAE.*² Committee print, February.
- National Food Irradiation Research Program.* Hearings, pt. 1, Jan. 14, and 15; pt. 2, Mar. 31.
- Naval Reactor Program and Polaris Missile System.* Hearings, Apr. 9.
- Omnibus Bills, 1960***----- Hearings, May 17 and 18.
- Radiation Protection Criteria and Standards: Their Basis and Use.* Committee print, May. Selected Materials.
- Do.*----- Hearings, May 24, 25, 26, 31, and June 1, 2, and 3.
- Do.*----- Summary-Analysis of Hearings, October.
- Review of International Atomic Policies and Programs of the United States:
Vol. I*----- Report to the Joint Committee on Atomic Energy. Committee print, October.
- Vols. II, III, IV, and V*----- Background material.
- Review of Proposed Power Demonstration Project.*** Hearings, June 10.
- Technical Aspects of Detection and Inspection Controls of a Nuclear Weapons Test Ban.* Hearings, Apr. 19, 20, 21, and 22, pt. 1.
- Do.*----- Appendix to hearings, pt. 2.
- Do.*----- Summary-Analysis of Hearings, May.

1961 (87th Cong., 1st sess.)

- AEC Authorizing Legislation*----- Hearings, May 1, 2, 3, 10, 11, 17, 18, 19, and June 6.
- AEC Omnibus Bills, 1961, and Amendment to sec. 170 of the Atomic Energy Act.*** Hearings, June 27 and 29.
- AEC Raw Materials Program*----- Hearings, Nov. 15, 16.
- Agreement for Cooperation with Italy Hearing, Mar. 9.

² Current print now available.

*Out of print.

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- for Mutual Defense Purposes.***
 Agreement for Cooperation with France
 for Mutual Defense Purposes.***
 Applications of Radioisotopes and Ra-
 diation in the Life Sciences.*
 Do*** -----
 Atomic Energy Legislation through the
 87th Cong., 1st sess.*²
 Detection and Identification of Nuclear
 Explosions: Developments in the
 Field.*
 Do* -----
 Development, Growth and State of the
 Atomic Energy Industry.*
 High Energy Physics Program and the
 Proposed Stanford Linear Electron
 Accelerator Project: Background In-
 formation.*
 Improving the AEC Regulatory Proc-
 ess.*
 Do* -----
 Do* -----
 Membership, Publications, and Other
 Pertinent Information Through the
 86th Cong., 2d sess.*²
 Nuclear Energy for Space Propulsion
 and Auxiliary Power.***
 Operations Under the Indemnity Pro-
 visions of the Atomic Energy Act of
 1954.*
 Power Conversion Studies Hanford
 New Production Reactor.*
 Radiation Protection Criteria and
 Standards: Their Basis and Use.*
 Radiation Safety and Regulation*-----
 SL-1 Accident (AEC Investigation
 Board Report).*
- 1962 (87th Cong., 2d sess.)
- AEC Regulatory Problems*** -----
 AEC Uranium Procurement Program*-----
 Atomic Energy Legislation through
 87th Cong., 1st sess.*²
 Authorizing Legislation, 1963*-----
 Development, Growth, and State of
 the Atomic Energy Industry
 (202's).*
 Disposal of the Los Alamos Commu-
 nity.
 Indemnity and Reactor Safety*-----
 International Agreements for Coopera-
 tion.***
 Membership, Publications, and Other
 Pertinent Information Through the
 87th Cong., 1st sess.*²
 Peaceful Uses of Atomic Energy*-----
 Proposed Arrangements for Electric
 Generating Facilities at Hanford
 New Production Reactor.***
 Radiation Standards, Including Fall-
 out. (Pts. 1 and 2.)*
 Summary-Analysis*-----
- Hearing, Sept. 12.
 Hearings, Mar. 27, 28, 29, and 30.
 Summary-analysis, June.
 Committee print, December.
 Hearings, July 25, 26, 27.
 Summary-analysis of hearings.
 Hearings, Feb. 21, 24, 27, 28, and
 Mar 1, 2, 3.
 Report to the Joint Committee on
 Atomic Energy.
 Committee print, vol. I, March.
 Committee print, vol. II, appendix,
 March.
 Views and comments, committee print,
 June.
 Committee print, March.
 Hearings, Aug. 28 and 29.
 Hearings, July 18, 19, 20.
 Committee print, March.
 Index to hearings and selected mate-
 rials, July.
 Hearings, June 12, 13, 14, and 15.
 Committee print, June.
- Hearing, Apr. 17.
 Hearings, June 18 and 19.
 Committee print.
 Hearings, Apr. 5 and 6, May 16, 17,
 18, 21, and 29.
 Hearings, Mar. 20-23.
 Hearing, Apr. 23.
 Hearings, Apr. 10 and 11.
 Hearing, June 25.
 Committee print, January.
 Hearing, Apr. 10.
 Hearing, Sept. 27.
 Hearings, June 4-7.
 Committee print, September.

² Current print now available.

*Out of print.

***Available only at the Office of the Joint Committee.

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| Review of AEC and Army Food Irradiation Program.* | Hearings, Mar. 6 and 7. |
| Space Nuclear Power Applications*** | Hearings, Sept. 13, 14, and 19. |
| Tour of the U.S.S. <i>Enterprise</i> and Report on Joint AEC-Naval Reactor Program. | Hearing, Mar. 31. |
| U.S. Policy Toward the International Atomic Energy Agency.*** | Hearing, Aug. 2. |
| Utility Proposal for Powerplant Addition to Hanford NPR.*** | Committee print, July. |
| Do.*** | Hearings, July 10 and 11. |
- 1963 (88th Cong., 1st sess.)
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| AEC Authorizing Legislation, Fiscal Year 1964.* | Hearings, Apr. 9, 10, and May 2. |
| AEC Omnibus Bills for 1963 and 1964*** ³ . | Hearings, July 17, 1963, and May 19, 1964 |
| AEC Supplemental Authorizing Legislation, Fiscal Year 1964.* | Hearing, Oct. 31. |
| Atomic Energy Legislation Through 88th Cong., 1st sess. December 1963.* ² | Committee print. |
| Chemical Reprocessing Plant*----- | Hearing, May 14. |
| Cooperative Power Reactor Demonstration Program, 1963.*** | Hearings, July 9, Aug. 7, and Oct. 15. |
| Development, Growth, and State of the Atomic Energy Industry: | |
| Part 1*----- | Hearings, Feb. 20, 21. |
| Part 2*----- | Hearings, Apr. 2, 3, 4, and 5. |
| Development in Technical Capabilities for Detecting and Identifying Nuclear Weapons Tests.*** | Hearings, Mar. 5, 6, 7, 8, 11, and 12. |
| Fallout, Radiation Standards, and Countermeasures: | |
| Part 1***----- | Hearings, June 3, 4, and 6. |
| Part 2***----- | Hearings, Aug. 20, 21, 22, and 27. |
| International Agreements for Cooperation.*** ³ | Hearings, Sept. 5, 1963, Apr. 22 and June 30, 1964. |
| Membership, Publications, and Other Pertinent Information—88th Cong., 1st sess. (February 1963).* ² | Committee print. |
| Nevada Test Site Community***----- | Hearings, Sept. 12 and Oct. 16. |
| Nuclear Test Ban Treaty, Hearings before the Committee on Foreign Relations, the Committee on Armed Services and Senate Members of the Joint Committee on Atomic Energy.* | Hearings, Aug. 12, 13, 14, 15, 19, 20, 21, 22, 23, 26, and 27. |
| Nuclear Propulsion for Naval Surface Vessels.*** | Hearings, Oct. 30, 31, and Nov. 13. |
| Do.*----- | Report, December. |
| Private Ownership of Special Nuclear Materials, 1963.* | Hearings, July 31 and Aug. 1. |
| Review of the Army Food Irradiation Program.* | Hearings, May 13. |

1964 (88th Cong., 2d sess.)

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| AEC Authorizing Legislation, 1965: | |
| Part 1*----- | Hearing, Jan. 22, 23, 27, Feb. 3, 4, and 7. |
| Part 2*----- | Hearings, Feb. 5, 6, 18, 19, 20, and Mar. 4. |
| Part 3*----- | Hearings, Feb. 20, 25, 26, 27, Mar. 2, and 3. |

² Current print available.

³ Not printed until 1964.

*Out of print.

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AEC Omnibus Bills for 1963 and 1964*--	Hearings, July 17, 1963, and May 19, 1964.
Atomic Energy Legislation Through 88th Cong., 2d sess.* ²	Committee print, December.
Agreement for Cooperation With NATO for Mutual Defense Purposes.*	Hearings, July 30 and Aug. 18.
International Agreements for Cooperation.***	Hearings, Sept. 5, 1963, and Apr. 22 and June 30, 1964.
Loss of the U.S.S. <i>Thresher</i> ***-----	Hearings, June 26, 27, July 23, 1963, and July 1, 1964.
Nuclear Power Economics—Analysis Comments, 1964.***	Committee print, October.
Private Ownership of Special Nuclear Material, 1964.*	Hearings, June 9, 10, 11, 15, and 25.
Stanford Accelerator Power Supply----	Hearing, Jan. 20.
Use of Nuclear Power for the Production of Fresh Water from Salt Water.***	Hearing, Aug. 18.

1965 (89th Cong., 1st sess.)

AEC Authorizing Legislation, 1966:	
Part 1*-----	Hearings, Jan. 27, Feb. 2, 3, 4, 10, 16 and Mar. 10.
Part 2*-----	Hearings, Feb. 8, 9, 10 and Apr. 8.
Part 3*-----	Hearings, Mar. 11, 18, 19, 24, and Apr. 13.
Atomic Energy Legislation Through the 89th Cong., 1st sess.* ²	Committee print, December.
Current Membership, Publication, and Other Pertinent Information of the Joint Committee on Atomic Energy.* ²	Committee print, February.
Development, Growth, and State of the Atomic Energy Industry (202's).***	Hearings, Aug. 10 and 11 and Sept. 8.
Federal Radiation Council Protective Action Guides.*	Hearings, June 29 and 30.
High Energy Physics Program: Report on National Policy and Background Information.***	Committee print, February.
High Energy Physics Research*-----	Hearings, Mar. 2, 3, 4 and 5.
International Agreements for Cooperation.***	Hearings, Apr. 29, June 4 and July 13 and 27.
Peaceful Applications of Nuclear Explosives—Plowshare.*	Hearings, Jan. 5.
Proposed Amendment to Section 271 of the Atomic Energy Act of 1954.***	Hearings, May 27 and June 2.
Proposed Extension of AEC Indemnity Legislation.***	Hearings, June 22, 23 and 24.
Radiation Processing of Foods***-----	Hearings, June 9 and 10.
Selected Materials on Atomic Energy Indemnity Legislation.*	Committee print, June.
Space Nuclear Power Generators***---	Hearings, Aug. 6.

1966 (89th Cong., 2d sess.)

AEC Authorizing Legislation, 1967:	
Part 1*-----	Hearings, Jan. 25, Feb. 15 and Mar. 4 and 8.
Part 2*-----	Hearings, Feb. 16, 17, Mar. 3, 15 and 16.
Part 3*-----	Hearings, Feb. 2, Mar. 8, 9, 10, 11 and 15.
Atomic Energy Legislation Through the 89th Cong., 2d sess.* ²	Committee print, December.

² Current print available.

*Out of print.

** Available only at the Government Printing Office.

*** Available only at the Office of the Joint Committee.

Current Membership of the Joint Committee on Atomic Energy.* ²	Committee print, February.
International Agreements for Cooperation, 1966.*	Hearings, Jan. 27, May 26, June 28 and Aug. 25.
Enrico Fermi Reactor: Use for Irradiation Testing.***	Hearing, Apr. 5.
Naval Nuclear Propulsion Program*-----	Hearing, Jan. 26.
Nonproliferation of Nuclear Weapons (S. Res. 179) ¹ ***	Hearings, Feb. 23 and Mar. 1 and 7.
Proposed Amendments to Price-Anderson Act Relating to Waiver of Defenses.***	Hearings, July 19, 20 and 21.
Proposed Large-Scale Combination Nuclear Power-Desalting Project.***	Hearing, Sept. 14.
Recordkeeping and Workmen's Compensation for Radiation Workers.*	Hearings, Aug. 30, 31, Sept. 20, 21 and 22.
Review of Developments in the Food Irradiation Programs.*	Hearing, Sept. 12.
Uranium Enrichment Services Criteria and Related Matter.***	Hearings, Aug. 2, 3, 4, 16 and 17.

1967 (90th Cong., 1st sess.)

AEC Authorizing Legislation, fiscal year 1968:

Part 1*-----	Hearings, Jan. 25, Feb. 7, 8, 9 and 28.
Part 2*-----	Hearings, Mar. 14 and 15.
Part 3*-----	Hearings, Feb. 28, Mar. 2 and 3.
AEC Omnibus Legislation 1967***-----	Hearings, Aug. 11, 15 and 24.
Atomic Energy Legislation Through the 90th Cong., 1st sess.* ²	Committee print, December.
Impact of Chinese Communist Nuclear Weapons Progress on United States National Security.***	Committee print, July.
International Agreements for Cooperation, 1967-68.***(³)	Hearings, Mar. 20, 1967 and June 25, 1968.
LaCrosse Boiling Water Reactor Project.* ⁴	Hearing, May 4.
Licensing and Regulation of Nuclear Reactors:	
Part 1***-----	Hearings, Apr. 4, 5, 6, 20 and May 3.
Part 2*-----	Hearings, Sept. 12, 13 and 14.
Naval Nuclear Propulsion Program, 1967-68*** ³	Hearings, Mar. 16, 1967 and Feb. 8, 1968.
Radiation Exposure of Uranium Miners:	
Part 1*-----	Hearings, May 9, 10, 23, June 6, 7, 8, 9, July 26, 27 and Aug. 8 and 10.
Part 2*-----	Backup and reference materials to part 1, above.
Scope, Magnitude and Implications of the United States Antiballistic Missile Program.***	Hearings, Nov. 6 and 7.

1968 (90th Cong., 2d sess.)

AEC Authorizing Legislation, fiscal year 1969:

Part 1*-----	Hearings, Jan. 30, 31 and Feb. 5 and 6.
Part 2*-----	Hearings, Feb. 7 and 21.
Atomic Energy Legislation through the 90th Cong., 2d sess.* ²	Committee print, December.
Commercial Plowshare Services*-----	Hearings, July 19.
Current Membership of the Joint Committee on Atomic Energy.* ²	Committee print, February.

² Current print now available.³ Not printed until 1968.⁴ Not printed until 1969.

*Out of print.

***Available only at the office of the Joint Committee.

International Agreements for Cooperation, 1967-68.***	Hearings, Mar. 20, 1967, and June 25, 1968.
Naval Nuclear Propulsion Program 1967-68.*	Hearings, Mar. 16, 1967, and Feb. 8.
Nuclear Power Economics, 1962 through 1967.*	Committee print, February.
Nuclear Submarine of Advanced Design:	
Part 1***-----	Hearing, June 21.
Part 2***-----	Hearing, July 19.
Participation by Small Electrical Utilities in Nuclear Power:	
Part 1*-----	Hearings, Apr. 30, May 1, 2, and 3.
Part 2*-----	Hearings, June 11, 12, and 13.
Radiation Exposure of Uranium Miners.***	Summary-Analysis of hearings, December 1967.
Status of Food Irradiation Program*---	Hearings, July 18 and 30.

1969 (91st Cong., 1st sess.)

AEC Authorizing Legislation, FY 1970:	
Part 1*-----	Hearings Apr. 17 and 18.
Part 2*-----	Hearings Apr. 24 and 25.
Part 3*-----	Hearings Apr. 29 and 30.
Atomic Energy Legislation through the 91st Cong., 1st sess.* ^{2]}	Committee print, December.
AEC Omnibus Legislation—1969***---	Hearings, Sept. 12, 1969.
Current Membership of the Joint Committee on Atomic Energy.* ^{2]}	Committee print, February.
Selected Materials on Environmental Effects of Producing Electric Power.	Committee print, August (price \$2.50).
Environmental Effects of Producing Electric Power, Part 1.**	Hearings Oct. 28, 29, 30, and 31, Nov. 4, 5, 6, and 7 (price, \$4.50).
LaCrosse Boiling Water Reactor Project.*	Hearing May 4, 1967.
Naval Nuclear Propulsion Program, 1969.***	Hearing Apr. 23 (price, \$1).
Nuclear Explosion Service for Industrial Application.*	Hearings May 8, 9, and July 17.
Prelicensing Antitrust Review of Nuclear Power Plants.***	Hearings Nov. 18, 19 and 20 (price, \$1.25).
Radiation Standards for Uranium Mining.***	Hearings Mar. 17 and 18.
Selected Materials Concerning the Future Ownership of the AEC's Gaseous Diffusion Plants.*	Committee print, June (price, \$2).
Future Ownership of the AEC's Gaseous Diffusion Plants.*	Hearings July 8 and 9, Aug. 5, 7, and 8.

1970 (91st Cong., 2d sess.)

AEC Authorizing Legislation, fiscal year 1971:	
Part 1*-----	Hearings Feb. 3, 18, and 19 (price \$1.75).
Part 2*-----	Hearings Mar. 3 and 5.
Part 3*-----	Hearings Mar. 11 (price, \$2).
Part 4*-----	Hearings Mar. 19 (price, \$1.50).
Atomic Energy Legislation Through the 91st Cong., 2d sess.* ^{2]}	Committee print, Jan. 1971.
Current Membership of the Joint Committee on Atomic Energy.* ^{2]}	Committee print, March.

² Current print now available.

*Out of print.

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Environmental Effects of Producing Electric Power (Part 2).***	Hearings Jan. 27, 28, 29, 30, Feb. 24, 25, and 26.
Volume I**	Hearings (price, \$3.25).
Volume II**	Appendixes and index (price, \$6.60).
Naval Nuclear Propulsion Program—1970***.	Hearings Mar. 19 and 20 (price, \$1.25).
Prelicensing Antitrust Review of Nuclear Powerplants (Part 2)*** ³	Hearings Apr. 14, 15, and 16.
Uranium Enrichment Pricing Criteria* ⁴	Hearings June 16 and 17.

1971 (92d Cong., 1st sess.)

AEC Authorizing Legislation, fiscal year 1972:	
Part 1	Hearings Feb. 3, 4, and Mar. 2 (price, \$2.25).
Part 2*	Hearings Mar. 4 (price, \$3).
Part 3*	Hearings Mar. 9, 16, and 17. (price, \$4.25).
Part 4*	Hearings Mar. 18, 23, and May 13 (price, \$4.25).
Report (H. Rept. 92-325; S. Rept. 92-249).	June 30 and July 8.
AEC Licensing Procedure and Related Legislation:	
Part 1	Hearings June 22, 23; July 13, 14 (price, \$1.75).
Part 2	Appendixes 1 through 28 (price \$2.75).
Part 3	Appendixes 29 through 46 (price \$1.75).
Part 4	Appendixes 47 through 60 (price \$2).
Atomic Energy Legislation Through the 92d Cong., 1st sess.* ²	Committee print, December.
Controlled Thermonuclear Research Program in the United States:	
Part 1	Hearings Nov. 10, 11 (price \$1.25).
Part 2	Appendixes (price, \$1.50).
Current Membership of the Joint Committee on Atomic Energy.* ²	Committee print, March.
Naval Nuclear Propulsion Program—1971***.	Hearings Mar. 10 (price, \$1.25).
Nuclear Power and Related Energy Problems—1968 through 1970.**	Committee print, December (price, \$8.35).
Selected Materials on the Calvert Cliffs Decision, Its Origin and Aftermath.** ⁵	Committee print, December (price, \$2.75).
Status of Current Technology to Identify Seismic Events as Natural or Man-made.	Hearings October 27, 28 (price, \$1.50).
Status of Current Technology to Identify Seismic Events as Natural or Man-Made (Staff Analysis).	Committee print (price 20 cents).
Uranium Enrichment Pricing Criteria (Part 2) ⁴ .	Hearings Feb. 25, 1971 (price, 60 cents).
Use of Uranium Mill Tailings for Construction Purposes.	Hearings October 28, 29. (price, \$2.25).

² Current print now available.³ Part 1 was printed in 1969.⁴ Part 1 was printed in 1970.⁵ Printed in 1972.

* Out of print.

** Available only at the Government Printing Office.

*** Available only at office of Joint Committee.

1972 (92d Cong., 2d sess.)

AEC Authorizing Legislation, Fiscal Year 1973:

Part 1**-----	Hearings Jan. 26, Feb. 3, and 17 (price, \$4.25).
Part 2**-----	Hearings Feb. 22 and 23 (price, \$1.50).
Part 3**-----	Hearings Feb. 29 and Mar. 1 (price, \$3.75).
Part 4**-----	Hearings Mar. 7, 8, and 9 (price \$3.75).
Part 5*-----	Volume 1, Environmental Statements 1 through 8 (\$4.50). Volume 2, Environmental Statements 9 through 15 (price, \$4.00).
Atomic Energy Legislation Through the 92d Congress, 2d Session.**	Committee Print, January (price \$2.35).
Current Membership of the Joint Committee on Atomic Energy.	Committee Print, March 1972.
H.R. 13731 and H.R. 13732, to Amend the Atomic Energy Act of 1954—Regarding Licensing of Nuclear Facilities:	
Part 1**-----	Hearings March 16 and 17 (price, \$1.75).
Part 2**-----	Supplemental Materials (price, \$2.50).
Liquid Metal Fast Breeder Reactor Demonstration Plant.	Hearings Sept. 7, 8, and 12, 1972 (price, \$2.00).
Nuclear Propulsion for Naval Warships.	Hearing (and subsequent inquiry), May 5, 1971—Sept. 30, 1972 (price, \$2.25).

1973 (93d Cong., 1st Sess.)

AEC Authorizing Legislation, Fiscal Year 1974:

Part 1**-----	Hearings, January 30, 1973 (price \$3.25).
Part 2**-----	Hearings, February 6, 21, and 22 (price \$3.75).
Part 3**-----	Hearings, March 14 (price \$2.50).
Part 4**-----	Hearings, March 20 and 22 (price \$5.25).
Part 5**-----	Environmental statements (price \$4.50).
Reports: Authorizing Appropriations for the Atomic Energy Commission for Fiscal Year 1974.	H. Rept. 93-280, June 14, 1973. (S. Rept. 93-224, June 18, 1973.)
Reports: Supplemental Authorization of Appropriations for the Atomic Energy Commission for Fiscal Year 1974.	H. Rept. 93-619, November 1. (S. Rept. 93-487, November 7.)
Atomic Energy Legislation through the 92d Congr., 2d Session.**	Committee Print, March (price \$2.00).
Current Membership of the Joint Committee on Atomic Energy. ¹	Committee Print, April.
Certain Background Information for Consideration when Evaluating the "National Energy Dilemma".	Committee Print, May.
Military Applications of Nuclear Technology (Part 1).	Hearing (declassified), April 16 (price .50 cents).

¹ Current print now available.

*Out of print.

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- Military Applications of Nuclear Technology, (Part 2) (declassified). Hearing, May 22 (price \$1.20).
- Proposed Amendment to Euratom Cooperation Act of 1958 (S. 1993 and H.R. 8867). Hearing, June 22 (price 60¢).
- Report: Amendment to Section 5 of the Euratom Cooperation Act of 1958, as amended. H. Rept. 93-385, July 19. (S. Rept. 93-341, July 24.)
- Understanding the National Energy Dilemma.** Committee Print, August (price \$1.55).
- Proposed Changes in Basis for Cooperative Arrangement for the LMFBR. Hearings, February 28 and May 4 (price \$4.35).
- Future Structure of the Uranium-Enrichment Industry—Phase I. Hearings, July 31 and August 1 (price \$1.50).
- Future Structure of the Uranium Enrichment Industry (Phase II). Hearings, October 2, 3, 4 (price \$3.10).
- Current Status of AEC Controlled Thermonuclear Research Program. Hearing, July 25 (made part of Authorizing Legislation hearings, fiscal year 1975).
- Proposed Sale of LaCrosse Boiling Water Reactor to Dairyland Power Cooperative. Hearing, August 3.
- Naval Nuclear Propulsion Program, 1972-73 (declassified). Hearing, March 28 (price \$2.25).
- Proposed Changes in AEC Contract Arrangements for Uranium Services. Hearings, March 7, 8, 26, and April 18 (to be published during 2d session.)
- Nuclear Reactor Safety----- Hearings, January 23, September 25, 26, 27, and October 1 (to be published during 2d session).
- To Consider Dec. 1, 1973 AEC Report on Energy Research and Development. Hearing, December 11 (price \$5.20).

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X. LEGISLATIVE REPORTS OF THE JOINT COMMITTEE ON ATOMIC ENERGY, 1948-73¹

1948 (80TH CONG., 2D SESS.)

Subject	Bill No.	Date	Report No.
Amending the Atomic Energy Act of 1946 so as to provide that no person shall take office as a member of the Atomic Energy Commission or as General Manager of such Commission until an investigation with respect to the character, associations, and loyalty of such person shall have been made by the Federal Bureau of Investigation.	S. 1004.....	Jan. 30	S. Rept. 851.
	H.R. 5216.....	Feb. 2	H. Rept. 1290. Vetoed by the President May 15; Senate failed to pass over veto May 21, 1948.
Development and Control of Atomic Energy (first report of the Joint Committee on Atomic Energy to the Congress of the United States).	.....	Jan. 30	S. Rept. 850.
	.....	do.....	H. Rept. 1289.
Supplemental report, to accompany H.R. 5216, amending the Atomic Energy Act of 1946 so as to provide that no person shall take office as a member of the Atomic Energy Commission or as General Manager of such Commission until an investigation with respect to the character, associations, and loyalty of such person shall have been made by the Federal Bureau of Investigation.	H.R. 5216.....	Feb. 17	H. Rept. 1290, pt. 2.
Providing for extension of the terms of office of the present members of the Atomic Energy Commission.	S. 2589.....	May 17	S. Rept. 1342.
	H.R. 6402.....	.....	H. Rept. 1973.
	S. 2589.....	May 24	S. Rept. 1342, pt. 2, minority views.
	H.R. 6402.....	do.....	H. Rept. 1973, pt. 2, minority views.

1949 (81ST CONG., 1ST SESS.)

Amending the Atomic Energy Act, to provide for changes in the Military Liaison Committee.	S. 2372.....	Aug. 18	S. Rept. 934.
	H.R. 5884.....	do.....	H. Rept. 1282.
Amending the Independent Offices Appropriations Act for fiscal year 1950.	S. 2668.....	Sept. 18	S. Rept. 1201.
Investigation into the United States Atomic Energy Commission.....	.....	Oct. 13	S. Rept. 1169; pt. 2,
	.....	Oct. 26	(minority views).
Retrocede to the State of New Mexico exclusive jurisdiction over lands within the boundaries of Los Alamos, N. Mex., project of the U.S. Atomic Energy Commission.	S. 152.....	Feb. 21	S. Rept. 76.

1950 81ST CONG., 2D SESS.)

To amend the Atomic Energy Act of 1946, sec. 2, AEC Commissioners' salaries.	S. 3437.....	Aug. 30	S. Rept. 2493.
.....	H.R. 8103.....	.....	.....

1951 (82D CONG., 1ST SESS.)

Development and Control of Atomic Energy (report of the Joint Committee on Atomic Energy to the Congress of the United States.)	.....	Oct. 19	S. Rept. 1041.

To amend the Atomic Energy Act of 1946, making it unlawful to possess or transfer any fissionable material except as authorized by the Commission.	S. 2233.....	Oct. 8	S. Rept. 894.
	H.R. 5646.....	do.....	H. Rept. 1104.

1952 (82D CONG., 2D SESS.)

Report on Raw Materials by the Joint Committee on Atomic Energy.	July 2	H. Rept. 2449.
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¹ The Joint Committee on Atomic Energy was established by the Atomic Energy Act of 1946 (Public Law 79-585, approved Aug. 1, 1946; see S. 1717, reported on Apr. 19, 1946, by the Senate Special Committee on Atomic Energy (S. Rept. 1211) and on July 10, 1949, by the House Committee on Military Affairs (H. Rept. 2478), and on July 25, 1946, by the committee of conference (H. Conf. Rept. 2670)). The committee was first organized on Aug. 2, 1946, but did not become fully operative until the convening of the 80th Cong. in 1947. No reports on legislation were issued by the Joint Committee either in 1946 or 1947.

1953 (83D CONG., 1ST SESS.)

Subject	Bill No.	Date	Report No.
To amend sec. 9(b) of the Atomic Energy Act of 1946, re State and local taxation.	S. 671..... H.R. 6669.....	July 28	S. Rept. 694.
To amend the Atomic Energy Act of 1946, as amended, re long-term utility contracts.	S. 2239..... H.R. 4905.....	June 29 June 26	S. Rept. 477. H. Rept. 676.
To amend the Atomic Energy Act, as amended.....	S. 2399.....	July 18	S. Rept. 604.

1954 (83D CONG., 2D SESS.)

Amending the Atomic Energy Act of 1946, as amended, and for other purposes.	S. 3690.....	June 30	S. Rept. 1699.
	H.R. 9757.....	July 12	H. Rept. 2181.
		Aug. 6	H. Conf. Rept. 2639.
		Aug. 16	H. Conf. Rept. 2666.
Atomic Weapons Rewards Act of 1954.....	S. 3851..... H.R. 10203.....	Aug. 14 Aug. 16	S. Rept. 24881 H. Rept. 2660.

1955 (84TH CONG., 1ST SESS.)

Atomic Weapons Rewards Act of 1955.....	S. 609..... H.R. 6901.....	June 22 June 23	S. Rept. 622. H. Rept. 901.
To authorize the Atomic Energy Commission to construct a modern office building in or near the District.	S. 1722..... H.R. 5645.....	Apr. 18 Apr. 19	S. Rept. 142. H. Rept. 424.
To authorize appropriations for the Atomic Energy Commission.....	S. 2220..... H.R. 6795.....	June 14 do	S. Rept. 538. H. Rept. 787.
To amend sec. 212 of the Merchant Marine Act of 1936 to authorize the construction of a nuclear-powered merchant ship.	S. 2523..... H.R. 7038 ¹	July 30 do	S. Rept. 1269. H. Rept. 1604.
		July 21, 1956	H. Conf. Rept. 2870..
To facilitate the establishment of self-government at the communities of Oak Ridge, Tenn., and Richland, Wash.	S. 2630..... H.R. 7576.....	July 25 do	S. Rept. 1140. H. Rept. 1402.
To authorize the Atomic Energy Commission to pay the salary of a Commissioner during the recess of the Senate, and for other purposes.	S. 2671..... H.R. 7684.....	July 28 do	S. Rept. 1198. H. Rept. 1552.

1956 (84TH CONG. 2D SESS.)

Relating to the compensation of the executive director of the Joint Committee on Atomic Energy.	S.J. Res. 138..... H.J. Res. 514.....	Feb. 6 do	S. Rept. 1470. H. Rept. 1746.
To authorize appropriations for the Atomic Energy Commission for acquisition or condemnation of real property or any facilities.	S. 3673..... H.R. 10387.....	Apr. 18 Apr. 10	S. Rept. 1763. H. Rept. 1993.
To amend the Atomic Energy Community Act of 1955 and for other purposes.	S. 3822..... H.R. 11077.....	July 11 July 12	S. Rept. 2528. H. Rept. 2693.
To amend Public Law 506, 84th Cong., 2d sess., to increase the authorization for appropriations to the Atomic Energy Commission for acquisition of real property.	S. 4288..... H.R. 11709.....	July 26 do	S. Rept. 2808. H. Rept. 2572.
To amend the Atomic Energy Act of 1954, to permit the negotiation of commercial leases at atomic energy communities.	H.R. 11926..... No Senate bill.....	June 29	H. Rept. 2431. S. Rept. 2384.
To amend the Atomic Energy Act of 1954, as amended, and for other purposes.	S. 4112..... H.R. 12050.....	June 22 June 29	S. Rept. 2298. H. Rept. 2531.
Providing for a civilian atomic power accelerating program.....	S. 4146..... H.R. 12061.....	do July 5	S. Rept. 2390. H. Rept. 2622.
To amend the Atomic Energy Act of 1954, as amended, to increase the salaries of certain executives of the Atomic Energy Commission.	S. 4162..... H.R. 12094.....	July 3 do	S. Rept. 2404. H. Rept. 2589.
To amend the Atomic Energy Act of 1954, as amended, and for other purposes.	S. 4203..... H.R. 12215.....	July 11 July 12	S. Rept. 2530. H. Rept. 2695.
To promote the common defense and general welfare of the people of the United States by encouraging maximum development of low-cost electric energy.	S. 2643..... H.R. 9743.....	July 11 July 12	S. Rept. 2529. H. Rept. 2694.

¹ This bill was first referred to the Commerce Committee, then referred to the Joint Committee, and finally back to the Commerce Committee.

1957 (85TH CONG., 1ST SESS.)

Subject	Bill No.	Date	Report No.
To amend the Atomic Energy Act of 1954, and for other purposes, re reactor agreement with West Germany.	H.R. 5866	Mar. 26	H. Rept. 228.
	S. 1549	Mar. 27	S. Rept. 191.
To amend Public Law 31, 84th Cong., to increase the authorization for the AEC for construction of a modern office building.	H.R. 6978	July 6	H. Rept. 539.
	S. 1918	June 6	S. Rept. 413.
Amending the Atomic Energy Act of 1954, as amended, providing governmental indemnity and granting limitation of liability to persons in the atomic energy program.	H.R. 7383	May 9	H. Rept. 435.
	S. 2051	do	S. Rept. 296.
Congressional review of the atomic power program	H.R. 7992	June 14	H. Rept. 571.
	S. 2243	do	S. Rept. 437.
To provide for the appointment of representatives of the United States to the IAEA.	H.R. 8992	July 31	H. Rept. 960.
	S. 2673	Aug. 19	H. Conf. Rept. 1200.
		July 31	S. Rept. 778.
To amend the Atomic Energy Act of 1954, as amended, to increase the salaries of certain executives of the Atomic Energy Commission.	H.R. 8994	Aug. 2	H. Rept. 977.
	S. 2672	do	S. Rept. 790.
To authorize appropriations for the Atomic Energy Commission	H.R. 8996	do	H. Rept. 978.
	S. 2674	Aug. 20	H. Conf. Rept. 1204.
		Aug. 2	S. Rept. 791.

1958 (85TH CONG., 2D SESS.)

To amend Public Law 85-162 to increase the authorization for appropriations to the Atomic Energy Commission.	H.R. 12009	Apr. 22	H. Rept. 1618.
	S. 3632	do	S. Rept. 1465.
Increasing the authorization for the AEC, to further amend Public Laws 85-162 and 84-141.	H.R. 12457	June 24	H. Rept. 1949.
	S. 3788	do	S. Rept. 1747.
To amend the Atomic Energy Act of 1954, as amended	H.R. 12716	June 5	H. Rept. 1849.
	S. 3912	June 27	H. Conf. Rept. 2051.
		June 5	S. Rept. 1654.
To authorize appropriations for the AEC	H.R. 13121	July 2	H. Rept. 2108.
	S. 4051	July 22	H. Conf. Rept. 2236.
		July 2	S. Rept. 1793.
Amending the Atomic Energy Act of 1954, as amended, re sec. 170.	H.R. 13455	July 22	H. Rept. 2250.
	S. 4164	Aug. 13	H. Conf. Rept. 2585.
		July 22	S. Rept. 1882.
To amend the Atomic Energy Act of 1954, as amended	H.R. 13456	do	H. Rept. 2253.
Do	S. 4165	do	S. Rept. 1883.
	H.R. 13482	July 24	H. Rept. 2272.
	S. 4166	do	S. Rept. 1944.
To provide for cooperation with the European Atomic Energy Community.	H.R. 13749	Aug. 15	H. Rept. 2647.
Concurrent resolution to approve agreement with Euratom	S. 4273	Aug. 14	S. Rept. 2370.
	S. Con. Res. 116	do	S. Rept. 2372.
	H. Con. Res. 376	Aug. 15	H. Rept. 2648.

1959 (86TH CONG., 1ST SESS.)

To amend the Atomic Energy Act of 1954, as amended, sec. 251	S. 1197	Apr. 27	S. Rept. 230.
	H.R. 5104	Apr. 29	H. Rept. 327.
Increasing the authorization for appropriations to the Atomic Energy Commission.	S. 1228	Apr. 27	S. Rept. 229.
	H.R. 5105	Apr. 29	H. Rept. 328.
To authorize appropriations for the Atomic Energy Commission	S. 2094	June 11	S. Rept. 386.
	H.R. 7537	June 10	H. Rept. 529.
To amend the Atomic Energy Act of 1954, as amended	S. 2569	Sept. 1	S. Rept. 871.
	H.R. 8754	Sept. 2	H. Rept. 1124.
To amend the Atomic Energy Act of 1954, as amended, with respect to cooperation with States.	S. 2468	Sept. 1	S. Rept. 870.
	H.R. 8755	Sept. 2	H. Rept. 1125.
Atomic energy, United States and Greece	H. Con. Res. 245 ¹	July 15	H. Rept. 657.
Atomic energy, United States and Germany	H. Con. Res. 246 ¹	do	H. Rept. 658.
Atomic energy, United States and Netherlands	H. Con. Res. 247 ¹	do	H. Rept. 659.
Atomic energy, United States and Turkey	H. Con. Res. 248 ¹	do	H. Rept. 660.
Atomic energy, United States and France	H. Con. Res. 249 ¹	do	H. Rept. 661.
Atomic energy, United States and Great Britain, agreement	H. Con. Res. 251 ¹	do	H. Rept. 662.
Atomic energy, United States and Canada, agreement	H. Con. Res. 254 ¹	do	H. Rept. 663.

1960 (86TH CONG., 2D SESS.)

To authorize appropriations for the Atomic Energy Commission	S. 3387	Apr. 19	S. Rept. 1277.
	H.R. 11713	do	H. Rept. 1525.

¹ Reported adversely.

1961 (87TH CONG., 1ST SESS.)

Subject	Bill No.	Date	Report No.
To authorize construction of community support facilities at Los Alamos County, N. Mex.	H.R. 7209	May 24	H. Rept. 426.
	S. 1941	do	S. Rept. 288.
Authorizing appropriations for the Atomic Energy Commission	H.R. 7576	June 21	H. Rept. 562.
	S. 2043	Aug. 31	Conf. Rept. 1101.
To amend the Atomic Energy Act of 1954, as amended, and the Euratom Cooperation Act of 1958, and for other purposes.	H.R. 8599	June 21	S. Rept. 441.
	S. 2391	Aug. 16	H. Rept. 963. S. Rept. 746.

1962 (87TH CONG., 2D SESS.)

Authorizing appropriations for the Atomic Energy Commission	H.R. 11974	June 21	H. Rept. 1871.
	S. 3392	Sept. 11	H. Conf. Rept. 2342.
Amending the Atomic Energy Act of 1954, as amended, and for other purposes.	H.R. 12336	June 29	S. Rept. 1671.
	S. 3491	July 5	H. Rept. 1966. S. Rept. 1677.
Disposal of the Los Alamos community	H. R. 12718	Aug. 1	H. Rept. 2113.
	S. 3580	do	S. Rept. 1792.

1963 (88TH CONG., 1ST SESS.)

To authorize appropriations for the Atomic Energy Commission	S. 1745	June 24	S. Rept. 303
	H.R. 7139	do	H. Rept. 446.
Supplemental authorization of appropriations for the Atomic Energy Commission for fiscal year 1964, to amend Public Law 88-72.	S. 2267	Nov. 20	S. Rept. 647.
	H.R. 8971	do	H. Rept. 911.

1964 (88TH CONG., 2D SESS.)

To amend the Atomic Energy Act of 1954, sec. 202	S. 2448	Feb. 25	S. Rept. 877.
	H.R. 9711	do	H. Rept. 1151.
To authorize appropriations for the Atomic Energy Commission	S. 2755	Apr. 21	S. Rept. 987.
	H.R. 10945	do	H. Rept. 1332.
To amend the Atomic Energy Act of 1954, as amended, the Atomic Energy Community Act of 1955, as amended, and the Euratom Cooperation Act of 1958, as amended.	S. 2963	June 30	S. Rept. 1128.
	H.R. 11832	do	H. Rept. 1525.
Amending the Atomic Energy Act of 1954, to provide for private ownership of special nuclear materials.	S. 3075	Aug. 5	S. Rept. 1325.
	H.R. 12228	do	H. Rept. 1702.

1965 (89TH CONG., 1ST SESS.)

To authorize appropriations to the Atomic Energy Commission	H.R. 8122	May 13	H. Rept. 349.
	S. 1957	May 14	S. Rept. 191.
To amend sec. 170 of the Atomic Energy Act of 1954, as amended	H.R. 8496	Aug. 26	H. Rept. 883.
	S. 2042	do	S. Rept. 650.
To amend sec. 271 of the Atomic Energy Act of 1954, as amended	H.R. 8856	June 30	H. Rept. 567.
	S. 2103	do	S. Rept. 390.

1966 (89TH CONG., 2D SESS.)

To authorize appropriations to the Atomic Energy Commission	H.R. 14732	May 3	H. Rept. 1471.
	S. 3293	do	S. Rept. 1142.
To amend Public Law 89-428 to authorize the Atomic Energy Commission to enter into a cooperative arrangement for large-scale nuclear-desalting project.	H.R. 17558	Sept. 28	H. Rept. 2145.
	S. 3807	do	S. Rept. 1662.
To amend the Atomic Energy Act of 1954, as amended	H.R. 17685	Sept. 14	H. Rept. 2043.
	S. 3830	Sept. 16	S. Rept. 1605.
Nonproliferation of nuclear weapons	S. Res. 179	May 11	S. Rept. 1141.

1967 (90TH CONG., 1ST SESS.)

To authorize appropriations to the Atomic Energy Commission	H.R. 10918	June 19	H. Rept. 369.
	S. 1963	June 23	S. Rept. 349.
To amend the Atomic Energy Community Act of 1955, as amended the Atomic Energy Act of 1954, as amended and the Euratom Cooperation Act of 1958, as amended.	H.R. 13934	Nov. 9	H. Rept. 911.
	S. 2644	Nov. 13	S. Rept. 743.

1968 (90TH CONG., 2D SESS.)

Subject	Bill No.	Date	Report No.
To authorize appropriations to the Atomic Energy Commission...	H.R. 16324.....	Apr. 2	H. Rept. 1266.
	S. 3262.....	Apr. 3	S. Rept. 1074.

1969 (91ST CONG., 1ST SESS.)

To authorize appropriations to the Atomic Energy Commission...	H.R. 12167.....	June 16	H. Rept. 315.
	S. 2416.....	June 18	S. Rept. 244.
To amend the Atomic Energy Act of 1954, as amended.....	H.R. 14925.....	Nov. 24	H. Rept. 691.
	S. 3169.....	do	S. Rept. 553.

1970 (91ST CONG., 2D SESS.)

To authorize appropriations to the Atomic Energy Commission...	H.R. 17405.....	May 4	H. Rept. 1036.
	S. 3818.....	May 11	S. Rept. 852.
To amend the Atomic Energy Act, as amended.....	H.R. 18679.....	Sept. 24	H. Rept. 1470.
	S. 4141.....	Sept. 29	S. Rept. 1247.
Supplemental authorization of appropriations for the Atomic Energy Commission for fiscal year 1971, to amend Public Law 91-273.	H.R. 19908.....	Sept. 7	H. Rept. 1677.
	S. 4557.....	do	S. Rept. 1414.

1971 (92D CONG., 1ST SESS.)

To authorize appropriations to the Atomic Energy Commission...	H.R. 9388.....	June 30	H. Rept. 325.
	S. 2150.....	July 8	S. Rept. 249.

1972 (92D CONG., 2D SESS.)

To authorize temporary operating permits.....	H.R. 14655.....	Apr. 26	H. Rept. 1027.
	S. 3543.....	Apr. 27	S. Rept. 787.
To authorize appropriations to the Atomic Energy Commission...	S. 3607.....	May 16	S. Rept. 802.
	H.R. 14990.....	May 16	H. Rept. 1066.

1973 (93D CONG., 1ST SESS.)

To authorize appropriations to the Atomic Energy Commission...	H.R. 8662.....	June 14	H. Rept. 93-280.
	S. 1994.....	June 18	S. Rept. 93-224.
To amend the EURATOM Cooperation Act of 1958.....	S. 1993.....	July 24	S. Rept. 93-341.
	H.R. 8867.....	July 19	S. Rept. 93-385.
Supplemental authorization for appropriations for the Atomic Energy Commission for fiscal year 1974, to amend Public Law 93-60.	S. 2645.....	Nov. 7	S. Rept. 93-487.
	H.R. 11216.....	Nov. 1	H. Rept. 93-619.

XI. REPORTS ON AGREEMENTS FOR COOPERATION

Subject	Date	Report No.
84th Cong., 1st sess.:		
Report of the proposed agreement for cooperation with NATO for co-operation regarding atomic information.	May 4, 1955.....	S. Rept. 267.
Proposed agreements for cooperation between the Turkish Republic and the United States, the United States of Brazil and the United States, and the Republic of Colombia and the United States.	June 17, 1955.....	S. Rept. 572.
Proposed agreements for cooperation concerning the civil uses of atomic energy between the Government of the United States of America and the Government of Belgium; the Government of the United States of America and the Government of Canada; and the Government of the United States of America and the Government of the United Kingdom of Great Britain and Northern Ireland.	July 20, 1955.....	S. Rept. 1051.
Report on the proposed agreements for cooperation regarding atomic information for mutual defense purposes between the Government of the United States of America and the Government of Canada and the Government of the United States of America and the Government of the United Kingdom and Northern Ireland.	July 20, 1955.....	S. Rept. 1052.
Proposed agreements for cooperation between the United States and Argentina, Chile, China, Denmark, Greece, Israel, Italy, Japan, Korea, Lebanon, Netherlands, Pakistan, Peru, Philippines, Portugal, Spain, Sweden, Switzerland, Uruguay, and Venezuela.	July 28, 1955.....	S. Rept. 1197.
85th Cong., 2d sess.:		
Proposed agreement for cooperation between the Government of the United States of America and the Government of the United Kingdom of Great Britain and Northern Ireland for the cooperation on the uses of atomic energy for mutual defense purposes.	July 29, 1958.....	S. Rept. 2041.
Proposed agreement for cooperation between the Government of the United States of America and the Government of the United Kingdom of Great Britain and Northern Ireland for the cooperation on the uses of atomic energy for mutual defense purposes.	July 29, 1958.....	H. Rept. 2299.
86th Cong., 1st sess.:		
Proposed amendment to agreement for cooperation with the United Kingdom of Great Britain and proposed agreements for cooperation with the Republic of France, Canada, Turkey, the Netherlands, the Federal Republic of Germany and Greece on the uses of atomic energy for mutual defense purposes.	July 14, 1959.....	S. Rept. 513.
Proposed amendment to agreement for cooperation with the United Kingdom of Great Britain and proposed agreements for cooperation with the Republic of France, Canada, Turkey, the Netherlands, the Federal Republic of Germany, and Greece on the uses of atomic energy for mutual defense purposes.	July 15, 1959.....	H. Rept. 672.
87th Cong., 1st sess.:		
Proposed agreement for cooperation for mutual defense purposes between the Government of the United States and the Government of Italy.	Mar. 15, 1961.....	S. Rept. 71.
Proposed agreement for cooperation for mutual defense purposes between the Government of the United States and the Government of Italy.	Mar. 15, 1961.....	H. Rept. 167.
Proposed agreement for cooperation between the Government of the United States of America and the Government of the French Republic.	Sept. 14, 1961.....	S. Rept. 1035.
Proposed agreement for cooperation between the Government of the United States of America and the Government of the French Republic.	Srpt. 14, 1961.....	H. Rept. 1183.
87th Cong., 2d sess.:		
Proposed agreement for cooperation for mutual defense purposes between the Government of the United States and the Government of Belgium.	June 29, 1962.....	S. Rept. 1670.
Proposed agreement for cooperation for mutual defense purposes between the Government of the United States and the Government of Belgium.	June 29, 1962.....	H. Rept. 1956.
88th Cong., 2d sess.:		
Proposed agreement for cooperation regarding the exchange of atomic information between the Government of the United States of America and the North Atlantic Treaty Organization and its member nations.	Sept. 22, 1964.....	S. Rept. 1592.
Proposed agreement for cooperation regarding the exchange of atomic information between the Government of the United States of America and the North Atlantic Treaty Organization and its member nations.	Sept. 17, 1964.....	H. Rept. 1890.

XII. AEC TECHNICAL REPORT COLLECTIONS AND FILM LIBRARIES (AS OF MAY 29, 1974)

A. REPORT COLLECTIONS

The libraries listed below maintain collections of USAEC reports. The U.S. libraries also contain foreign reports that are abstracted in *Nuclear Science Abstracts*. The collections also include *Nuclear Science Abstracts* and its indexes, AEC's Technical Progress Reviews, AEC-sponsored translations, conference proceedings published by AEC, and various bibliographic tools. Most of these libraries have microfiche reader-printers or other photocopy facilities with which to reproduce enlarged copies from microfiche. Charges for reproduction services vary.

In addition there are two Government depository libraries in each Congressional District where Joint Committee on Atomic Energy publications may be found. Those libraries are listed in a Committee print entitled "Government Depository Libraries" published by the Joint Committee on Printing, Congress of the United States, revised April 1973.

U.S. REPORT COLLECTIONS

- | | |
|--|---|
| ALABAMA | Worcester, Worcester Polytechnic Institute |
| Auburn, Auburn University | |
| ALASKA | MICHIGAN |
| College, University of Alaska | Ann Arbor, University of Michigan |
| ARIZONA | MISSISSIPPI |
| Tucson, University of Arizona | State College, Mississippi State University |
| CALIFORNIA | MISSOURI |
| Davis, University of California | Columbia, University of Missouri |
| Los Angeles, University of California | Kansas City, Linda Hall Library |
| Santa Barbara, University of California | NEW JERSEY |
| COLORADO | Princeton, Princeton University |
| Boulder, University of Colorado | NEW MEXICO |
| DISTRICT OF COLUMBIA | Albuquerque, University of New Mexico |
| Washington, Library of Congress | NEW YORK |
| FLORIDA | Albany, The New York State Library |
| Gainesville, University of Florida | Albany, State University at Albany |
| GEORGIA | Ithaca, Cornell University |
| Atlanta, Georgia Institute of Technology | New York, Columbia University |
| HAWAII | Rochester, University of Rochester |
| IDAHO | Syracuse, Syracuse University |
| Pocatello, Idaho State University | Troy, Rensselaer Polytechnic Institute |
| ILLINOIS | NORTH CAROLINA |
| Urbana, University of Illinois | Raleigh, North Carolina State College |
| INDIANA | OHIO |
| Lafayette, Purdue University | Cincinnati, University of Cincinnati |
| IOWA | Cleveland, Public Library |
| Ames, Iowa State University | Columbus, Ohio State University |
| KANSAS | Toledo, University of Toledo |
| Manhattan, Kansas State University | OKLAHOMA |
| KENTUCKY | Norman, University of Oklahoma |
| Lexington, University of Kentucky | PENNSYLVANIA |
| LOUISIANA | Philadelphia, University of Pennsylvania |
| MARYLAND | Pittsburgh, Carnegie Library |
| Baltimore, Johns Hopkins University | University Park, Pennsylvania University |
| College Park, University of Maryland | |
| MASSACHUSETTS | |
| Cambridge, Massachusetts Institute of Technology | |

- PUERTO RICO**
 Rio Piedras, University of Puerto Rico
SOUTH CAROLINA
 Columbia, University of South Carolina
TEXAS
 Austin, University of Texas
 College Station, Texas A. & M. University
 Houston, Rice University
- UTAH**
 Salt Lake City, University of Utah
VIRGINIA
 Charlottesville, University of Virginia
WASHINGTON
 Pullman, Washington State University
 Seattle, University of Washington
WISCONSIN
 Madison, University of Wisconsin

COLLECTIONS IN FOREIGN COUNTRIES

- ARGENTINA**
 Buenos Aires, Comisión Nacional de Energía Atómica (CNEA)
- AUSTRALIA**
 Canberra, National Library of Australia
 Sutherland, New South Wales, Atomic Energy Research Establishment
- AUSTRIA**
 Vienna, Zentralbibliothek der Physikalischen Institute der Universität
- BELGIUM**
 Mol-Donk, Centre d'Etude de l'Energie Nucleaire
- BRAZIL**
 Rio de Janeiro, Comissão Nacional de Energia Nuclear
 São Paulo, Instituto de Energia Atomica, Cidade Universitaria São Paulo
- CANADA**
 Chalk River, Ontario, Atomic Energy of Canada Ltd., Chalk River Nuclear Laboratories
 Hamilton, Ontario, McMaster University
 Ottawa, National Research Council
- DENMARK**
 Risø, Danish Atomic Energy Commission
- FINLAND**
 Otaniemi, Teknillisen Korkeakoulun Kirjasto
- FRANCE**
 Saclay, Gif-sur-Yvette, Centre d'Etudes Nucléaires de Saclay
- GERMANY, WEST**
 Leopoldshafen, Zentralstelle für Atomkernenergie Dokumentation
 München, Technischen Universität
- GREECE**
 Athens, Nuclear Research Center "Democritus" Library
- INDIA**
 Bombay, Trombay, Department of Atomic Energy, Bhabha Atomic Research Center Library
- IRAQ, REPUBLIC OF**
 Baghdad Atomic Energy Commission, Nuclear Research Instituto
- IRELAND**
 Dublin, University College
- ISRAEL**
 Yavne, Israel Atomic Energy Commission, Soreq Nuclear Research Centre
- ITALY**
 Rome, Comitato Nazionale Energia Nucleare
- JAPAN**
 Tokai-Mura, Naka-Gun-Ibaraki-Ken, Japan Atomic Energy Research Institute
 Tokyo, National Diet Library
- KOREA, REPUBLIC OF**
 Seoul, Atomic Energy Research Institute
- MEXICO**
 Mexico, D.F., Instituto Nacional de Energía Nuclear
- NETHERLANDS, THE**
 Petten, Reactor Centrum Nederland
 Rijswijk, Institut International Des Brevets
- NORWAY**
 Kjeller, Institutt for Atomenergi
- PERU**
 Lima, Junta de Control de Energia Atomica
- PORTUGAL**
 Sacavem, Junta de Energia Nuclear
- SOUTH AFRICA, REPUBLIC OF**
 Pretoria, Atomic Energy Board Library
- SPAIN**
 Madrid, Junta de Energía Nuclear, Biblioteca Documentación y Publicaciones, Ciudad Universitaria
- SWEDEN**
 Nyköping, Aktiebolaget Atomenergi Library
- SWITZERLAND**
 Zürich, Swiss Federal Institute of Technology
- UNITED KINGDOM**
 Harwell, Didcot, Berkshire, Atomic Energy Research Establishment
 London, National Reference Library

COLLECTIONS IN INTERNATIONAL AGENCIES

AUSTRIA

Vienna, International Atomic Energy Agency

BELGIUM

Brussels, LaBibliotheque EUR-ATOM (Partial)

ITALY

Ispra Varese, Cetus Library, EUR-ATOM

UNITED KINGDOM

Boston Spa, Wetherby, Yorkshire, England, British Library, Lending Division, NEA

B. FILM LIBRARIES

The AEC has a centralized film library that serves continental United States
Its address is:

USAEC—TIC Film Library
P.O. Box 62
Oak Ridge, Tennessee 37830

Branch libraries serving their particular areas are:

University of Alaska Film Library
Atomic Energy Film Section
Division of Public Service
109 Eielson Building
College, Alaska 99701

University of Hawaii
AV Services—AEC Technical Film
Library
Honolulu, Hawaii 96822
Phone: 808-944-8111

University of Hawaii
CTA Film Library—AEC Popular Films
Krauss Hall, Room 108
2500 Dole Street
Honolulu, Hawaii 96822

Film Library
Puerto Rico Nuclear Center
Caparra Heights Station
San Juan, Puerto Rico 00935
Phone: 767-0350

In addition, the USAEC stocks five film libraries overseas: at the American Embassy in Tokyo; the International Atomic Energy Agency, Vienna, Austria; the American Film Library, The Hague, Netherlands; the Film Section of the Personnel Administration Council, Stockholm, Sweden; and in the National Science Film Library, Ottawa, Canada.

C. MEMBERS OF THE INTERNATIONAL ATOMIC ENERGY AGENCY

- | | | |
|-------------------------------|----------------------|--|
| 1. Afghanistan | 35. Guatemala | 71. Norway |
| 2. Albania | 36. Haiti | 72. Pakistan |
| 3. Algeria | 37. Holy See | 73. Panama |
| 4. Argentina | 38. Hungary | 74. Paraguay |
| 5. Australia | 39. Iceland | 75. Peru |
| 6. Austria | 40. India | 76. Philippines |
| 7. Bangladesh | 41. Indonesia | 77. Poland |
| 8. Belgium | 42. Iran | 78. Portugal |
| 9. Bolivia | 43. Iraq | 79. Romania |
| 10. Brazil | 44. Ireland | 80. Saudi Arabia |
| 11. Bulgaria | 45. Israel | 81. Senegal |
| 12. Burma | 46. Italy | 82. Sierra Leone |
| 13. Byelorussian S.S.R. | 47. Ivory Coast | 83. Singapore |
| 14. Cameroon | 48. Jamaica | 84. South Africa |
| 15. Canada | 49. Japan | 85. Spain |
| 16. Chile | 50. Jordan | 86. Sri Lanka |
| 17. Colombia | 51. Kenya | 87. Sudan |
| 18. Costa Rica | 52. Khmer Rep. | 88. Sweden |
| 19. Cuba | 53. Korea, Rep. | 89. Switzerland |
| 20. Cyprus | 54. Kuwait | 90. Syrian Arab Rep. |
| 21. Czechoslovak Soc.
Rep. | 55. Lebanon | 91. Thailand |
| 22. Denmark | 56. Liberia | 92. Tunisia |
| 23. Dominican
Republic | 57. Libyan Arab Rep. | 93. Turkey |
| 24. Ecuador | 58. Liechtenstein | 94. Uganda |
| 25. Egypt, Arab Rep. | 59. Luxembourg | 95. Ukrainian S.S.R. |
| 26. El Salvador | 60. Madagascar | 96. U.S.S.R. |
| 27. Ethiopia | 61. Malaysia | 97. U.K. of Great
Britain & N.
Ireland |
| 28. Finland | 62. Mali | 98. U.S.A. |
| 29. France | 63. Mexico | 99. Uruguay |
| 30. Gabon | 64. Monaco | 100. Venezuela |
| 31. German Dem. Rep. | 65. Mongolia | 101. Vietnam |
| 32. Germany, Fed. Rep.
of | 66. Morocco | 102. Yugoslavia |
| 33. Ghana | 67. Netherlands | 103. Zaire, Rep. of |
| 34. Greece | 68. New Zealand | 104. Zambia |
| | 69. Niger | |
| | 70. Nigeria | |

XIII. ACTIVITIES AND ACCOMPLISHMENTS OF THE JOINT COMMITTEE ON ATOMIC ENERGY IN THE 93D CONGRESS, FIRST SESSION (1973)

FOREWORD

It has been the practice of the Joint Committee on Atomic Energy, at the close of each session of the Congress, to submit for the information of the Congress, the executive branch, and the public a report of its activities. (The report for the second session of the 92d Congress was printed in the Congressional Record of November 8, 1972, E9218-20.)

The Joint Committee on Atomic Energy was organized on August 2, 1946. It consists of nine Members from the Senate and nine Members from the House of Representatives. No more than five from each body can be members of the same political party. The chairmanship alternates between the Senate and the House of Representatives with each Congress.

Present membership is:

Melvin Price, Illinois, *Chairman*

John O. Pastore, Rhode Island, *Vice Chairman*

Chet Holifield, California
John Young, Texas
Teno Roncalio, Wyoming
Mike McCormack, Washington
Craig Hosmer, California
John B. Anderson, Illinois
Orval Hansen, Idaho
Manuel Lujan, Jr., New Mexico

Henry M. Jackson, Washington
Stuart Symington, Missouri
Alan Bible, Nevada
Joseph M. Montoya, New Mexico
George D. Aiken, Vermont
Wallace F. Bennett, Utah
Peter H. Dominick, Colorado
Howard H. Baker, Jr., Tennessee

The Joint Committee is one of the few committees established by statute rather than by rule of each House and is unique in several respects. For example, it is the only Joint Committee of the Congress with legislative functions, including the receipt and reporting of legislative proposals. The Committee is also charged by law with legislative responsibility as "watchdog" of the U.S. atomic energy program. As part of its responsibilities, the Committee follows closely the classified activities of the executive agencies, including the Atomic Energy Commission and the Departments of Defense and State, concerning the peaceful and military applications of atomic energy. The unclassified activities are closely reviewed as well.

In all of these activities, the Joint Committee on Atomic Energy, representing the Congress and the public, seeks to assure the implementation of the following national policy expressed in the Atomic Energy Act of 1954:

* * * the development, use, and control of atomic energy shall be directed so as to make the maximum contribution to the general welfare, subject at all times to the paramount objective of making the maximum contribution to the common defense and security.* * *

During the 93d Congress, first session, the full Joint Committee met on a total of 50 occasions, 25 of which were public and 25 of which were executive meetings. In addition, there were six subcommittee meetings held in public session, and three subcommittee meetings held in executive session.

A total of 18 publications consisting of hearings, reports, and committee prints were published by the Joint Committee in the first session of the 93d Congress. The publications include testimony taken in executive session with classified material deleted before printing.

A list of the publications follows:

1973 (93d Cong., 1st Sess.)

AEC Authorizing Legislation, Fiscal Year 1974:

Part 1-----	Hearings, January 30, 1973.
Part 2-----	Hearings, February 6, 21, and 22.
Part 3-----	Hearings, March 14.
Part 4-----	Hearings, March 20 and 22.
Part 5-----	Environmental statements.
Reports: Authorizing Appropriations for the Atomic Energy Commission for Fiscal Year 1974.	H. Rept. 93-280, June 14, 1973. (S. Rept. 93-224, June 18, 1973.)
Reports: Supplemental Authorization of Appropriations for the Atomic Energy Commission for Fiscal Year 1974.	H. Rept. 93-619, November 1. (S. Rept. 93-487, November 7.)
Atomic Energy Legislation through the 92d Cong., 2d Session.	Committee Print, March.
Current Membership of the Joint Committee on Atomic Energy.	Committee Print, April.
Certain Background Information for Consideration when Evaluating the "National Energy Dilemma".	Committee Print, May.
Military Applications of Nuclear Technology (Part 1).	Hearing (declassified), April 16.
Military Applications of Nuclear Technology, (Part 2).	Hearing, (declassified), May 22.
Proposed Amendment to Euratom Cooperation Act of 1958 (S. 1993 and H.R. 8867).	Hearing, June 22.
Report: Amendment to Section 5 of the Euratom Cooperation Act of 1958, as amended.	H. Rept. 93-385, July 19. (S. Rept. 93-341, July 24.)
Understanding the National Energy Dilemma.	Committee Print, August.
Proposed Changes in Basis for Cooperative Arrangement for the LMFBR.	Hearings, February 28 and May 4.
Future Structure of the Uranium-Enrichment Industry—Phase I.	Hearings, July 31 and August 1.

The following publications will be released in the near future:

Current Status of AEC Controlled Thermonuclear Research Program.	Hearing, July 25.
Proposed Sale of LaCrosse Boiling Water Reactor to Dairyland Power Cooperative.	Hearing, August 3.
Naval Nuclear Propulsion Program (declassified). ¹	Hearing, March 28.
Proposed Changes in AEC Contract Arrangements for Uranium Services.	Hearings, March 7, 8, 26, and April 18.

¹ Released in February 1974 as "Naval Nuclear Propulsion Program—1972-73," hearings of February 8, 1972 (declassified) and March 28, 1973 (declassified).

Future Structure of the Uranium Enrichment Industry (Phase II).	Hearings, October 2, 3, 4.
Nuclear Reactor Safety-----	Hearings, January 23, September 25, 26, 27 and October 1.
To Consider Dec. 1, 1973 AEC Report on Energy Research and Development.	Hearing, December 11.

I. LEGISLATIVE ACTIVITIES

A. Atomic Energy Commission Fiscal Year 1974 Authorization Act (Public Law 93-60)

The Atomic Energy Commission's authorization request for fiscal year 1974, as initially submitted to the Congress on January 30, 1973, called for authorization of \$1,753,250,000 for "Operating expenses" and \$779,300,000 for "Plant and capital equipment" (including increases in prior-year authorization) making a total requested authorization of \$2,532,550,000. This request represents a decrease of \$70,925,000 or about 2.7 percent, below the \$2,603,475,000 authorized for fiscal year 1973.

The Joint Committee's recommended authorization for fiscal year 1974 was \$2,429,005,000 which is \$103,495,000—about 4.1 percent—less than the amount requested, and \$174,420,000—about 6.7 percent less than the amount authorized for fiscal year 1973.

Generally, the Commission's authorization request reflects estimated costs in two broad categories of effort, namely, military and civilian applications. Military applications include primarily the nuclear weapons and naval propulsion reactors programs as well as a portion of the nuclear materials program. Approximately 48 percent of the Commission's fiscal year 1974 estimated program costs, or \$1,472,200,000 is attributable to military applications. The estimated cost for the civilian applications of atomic energy totals \$1,575,350,000 or about 52 percent of the program costs.

The Joint Committee began consideration of the proposed legislation authorizing appropriations to the AEC for fiscal year 1974 with a public hearing on January 30, 1973. Additional public hearings followed on February 6, 21, 22, and on March 14, 20, and 22.

In the course of these hearings AEC's programs for regulation, biological and environmental research, physical research, civilian reactor development, applied energy technology, space nuclear systems, and radioactive waste management were considered. Other hearings were held in executive session on February 2 and 21, and on March 28, 1973. Programs reviewed during these hearings were weapons, nuclear materials production, and the naval nuclear propulsion program.

B. Supplemental Authorization of Appropriations for the Atomic Energy Commission for Fiscal Year 1974 (Public Law 93-158)

On October 23, 1973, an executive communication was transmitted to the Congress, requesting the Congress to consider proposed supplemental appropriations to the Atomic Energy Commission of \$10,700,000 for operating expenses and \$30,000,000 for plant and capital equipment.

On October 30, 1973, the full Committee held an executive hearing on the request for authorization of supplemental appropriations.

Representatives of the Atomic Energy Commission and the Department of Defense presented their views concerning the need to restore schedule slippages on certain nuclear weapon systems. The Commission witnesses also testified on the need for additional waste treatment and storage facilities at the AEC's Hanford, Washington site.

On October 31, 1973, Chairman Price, by request, introduced H.R. 11216, a bill to authorize supplemental appropriations of \$40,700,000 to the Atomic Energy Commission. On November 1, 1973, the full Committee met in executive session for markup of the bill. At this session, the Committee voted to approve reporting of the bill favorably without amendments and adopted the report. These actions were taken by the unanimous vote of the members present. On November 2, 1973, Vice Chairman Pastore introduced a bill, S. 2645, identical to H.R. 11216.

This bill amends Public Law 93-60, the Atomic Energy Commission Fiscal Year 1974 Authorization Act.

II. CIVILIAN AGREEMENTS FOR COOPERATION

Under the provisions of the Atomic Energy Act of 1954, as amended, proposed agreements for cooperation in the peaceful uses of nuclear energy between the United States and other nations and amendments thereof, must be submitted to the Joint Committee and a period of 30 days must elapse while Congress is in session before such agreements become effective. In accordance with such procedures, one amendment was submitted to the Committee by the Atomic Energy Commission.

On March 27, 1973, the Atomic Energy Commission transmitted to the Congress a proposed bill to amend Section 5 of the EURATOM Cooperation Act of 1958. This bill was introduced, by request, on June 13, 1973, in the Senate by Vice Chairman Pastore as S. 1993 and on June 20, 1973, in the House by Chairman Price as H.R. 8867. (Public Law 93-88)

The Joint Committee's Subcommittee on International Agreements for Cooperation held a hearing on these bills on June 22, 1973. At that hearing the Subcommittee received testimony from the AEC generally concerning the community requirements for increased quantities of enriched uranium, the Commission's ability to furnish the additional amount of enrichment services required, and the reasons for changing the manner in which the ceiling was expressed from kilograms of contained uranium 235 to an amount which would be sufficient to support the fuel cycle of power reactors of a total specified megawatt electric capacity. Additionally, the Subcommittee accepted for the record a statement from the European Community which also emphasized the Community's urgent need for this material and the legislation.

The Joint Committee met in executive session on July 18, 1973, to consider these bills. At that time, the Committee voted to report these bills favorably, without amendment, and adopted the report. These actions were taken by the unanimous vote of the members present. The bill amends Section 5 of the EURATOM Cooperation Act of 1958, as amended, to increase the maximum amount of contained uranium 235 which may be transferred to the European

Community from 215,000 kilograms to that which would be necessary to support the installed capacity of 35,000 megawatts of electrical energy together with 25,000 kilograms of uranium 235 for other purposes. In terms of kilograms of contained uranium 235, the total increase would be the equivalent of 368,000 kilograms. The ceiling would serve to set an upper limit on the amount of uranium enriching services which may be provided to the Community under contracts with the AEC. An actual commitment to supply any amount of enriched uranium would not occur until the execution of specific supply contracts.

III. INFORMATIONAL HEARINGS

A. Naval Nuclear Propulsion Program

The Joint Committee held an executive hearing on the Naval Nuclear Propulsion Program on March 28, 1973. At that time, Admiral Rickover outlined progress made and plans for future developments in this vitally important segment of our national defense. The hearing record was sent to the Department of Defense for review in order that classified material could be deleted and the information provided by Admiral Rickover could be published as a Joint Committee hearing print.

The naval reactors program involves the continuing development of improved nuclear reactor propulsion systems for a wide range of naval warships including both submarines and surface vessels. The overall program is aimed at taking maximum advantage of nuclear energy to provide ship propulsion systems with unlimited high-speed performance and combat endurance without the need for logistic lines of fuel supply.

B. Energy Demand and Supply Situation

On May 4, 1973 the Joint Committee held an open hearing for Members of Congress to acquaint them with the complexity of the energy demand and supply situation. The staff of the Joint Committee on Atomic Energy has developed a graphic presentation which enables a person (who is not necessarily an energy specialist) to obtain a reasonable understanding of the broad problems, scale and complexity of our energy dilemma in about an hour. The study and graphic data was published in May. In addition, a method has been devised for visually displacing projected future effects of various energy policies on our domestic energy situation.

On August 17, 1973, a Joint Committee Report, entitled "Understanding the National Energy Dilemma" was prepared at the request of Chairman Price. The Report has gone through two printings this year already. The Center for Strategic and International Studies of Georgetown University and the University of Houston have reproduced the report using commercial art work to add greatly to its public appeal. The Center has distributed 10,000 copies and 35,000 additional copies were produced in a second printing. Through such efforts, the public is becoming better apprised of the energy crisis.

The Joint Committee met in open session on December 11, 1973 to discuss the December 1, 1973 report entitled "The Nation's Energy Future" providing Dr. Dixy Lee Ray's recommendations to the

President for a five-year \$10 billion energy research and development program. In view of the critical importance of the document, the Committee felt it important to receive an oral summary of the report and to address questions to Dr. Ray regarding her recommendations.

C. LMFBR Cooperative Demonstration Plant

The Cooperative arrangement for the Nation's first liquid metal fast breeder reactor (LMFBR) demonstration plant was authorized under Section 106 of Public Law 91-273 as amended by Public Law 92-84. Among other things, that legislation requires that the basis for the arrangement or any amendment thereto be submitted to the Joint Committee on Atomic Energy for a period of 45 days, unless a waiver is granted by the Joint Committee.

On January 26 the Atomic Energy Commission submitted changes to the basic principles which had been submitted on August 14, 1972, which were to be followed in carrying out the cooperative project (see Committee hearing record "Liquid Metal Fast Breeder Reactor Demonstration Plant" Sept. 1972). Hearings were held on the new proposed arrangements on February 28 and May 4. The Committee's decision on the proposed arrangements was supplied to the Commission on June 19, 1973. The Committee's decision was contingent upon a revision in certain aspects of the proposed arrangements. (See Committee print "Proposed Changes in Basis for Cooperative Arrangement for LMFBR", February and May, 1973).

D. Uranium Enrichment

The Subcommittee on Energy of the Joint Committee on Atomic Energy held hearings to consider the impact of the proposed changes in the terms and conditions under which the Atomic Energy Commission will provide uranium enriching services to both domestic and foreign customers. The new contract arrangements are described in the AEC's proposed revisions to the uranium enrichment Services Criteria and related materials which were submitted to the Joint Committee on Atomic Energy on January 18, 1973, and which, under Section 161v of the Atomic Energy Act, must lie before the Joint Committee for 45 days. The hearings of March 7, 8, 12, 26 and April 18, 1973 will be published in the near future.

The Joint Committee on Atomic Energy held hearings, Part I on July 31, and August 1, 1973 entitled "Future Structure of The Uranium Enrichment Industry". The object of these hearings is to find out what should be done to provide the additional uranium enrichment facilities we need.

The Committee has given a great deal of attention to the provision of adequate uranium enrichment capacity. Developments over the past five years gave cause for concern. There have been slippages in the estimates of the time by which improvements in the present enrichment plants are needed. The Committee, in fact, has added to the Commission's authorization request at various times to accelerate the diffusion plant improvement programs.

Extensive hearings on this matter have been held. The first portion of these hearings which were limited to government witnesses have been published under title "Part I—Future Structure of the Uranium Enrichment Industry". The second portion which included non-

government witnesses interested in the matter is in the process of being published under Part II of the same title.

E. Controlled Thermonuclear Research

The Subcommittee on Research, Development and Radiation of the Joint Committee on Atomic Energy held a public hearing on July 25, 1973 on the current status of the AEC magnetic confinement portion of the controlled thermonuclear program. The Atomic Energy Commission is supporting two fusion programs. The magnetic confinement program has been underway since early the 1950's. The laser-pellet fusion program, begun about 1962, was a minor research effort up to the past few years. It is funded entirely under the weapons program.

In the magnetic confinement program, two recent successful experiments at the Princeton Plasma Physics Laboratory and at the Oak Ridge National Laboratory show that the AEC's CTR program is rapidly approaching the stage where experiments involving large volume research devices will be needed to test scaling laws. Plasma generation and plasma losses are also under intensive study. The Adiabatic Toroidal Compressor device at the Princeton Laboratory recently produced a plasma, the working fluid of any fusion reactor, the density of which was close to that expected in future commercial reactors. The Joint Committee considers that now is the time to support a realistically increased research and development program in magnetic confinement CTR which is in direct relationship to the difficulties and magnitude of the potential benefits which lie ahead.

F. Nuclear Power Reactor Safety

On January 23, the Committee commenced its public hearings on nuclear power reactor safety. The Committee heard testimony from the outgoing AEC Chairman, Dr. James Schlesinger, who had been nominated as the Director of the Central Intelligence Agency. The Committee took this opportunity to hear Dr. Schlesinger's views on reactor safety before his change in assignment. This testimony has been referred to as Phase I of the safety hearings.

Phase II is divided into two parts. Part A consists of testimony by the Atomic Energy Commissioners, their principal staff, the Advisory Committee on Reactor Safeguards and the Atomic Safety and Licensing Board Panel. Testimony was heard in public session on September 25, 26 and 27 and October 1. During Part A the subject of the adequacy of the interim criteria for Emergency Core Cooling Systems was not covered since this matter was before the Commission for decision in a rule-making procedure. When the Commission reaches a decision on the acceptability of the proposed ECCS criteria, the Committee will reconvene in public session to receive testimony on the logic and rationale underlying this decision. At the time of filing of this accomplishments report, the decision had not yet been announced.

The Committee intends to continue public hearings on the matter of nuclear power reactor safety early in the next session of Congress. At that time, it is expected that Part B of Phase II will be conducted and a Committee print on Phase I and Phase II will be published. Soon thereafter, the Committee will conduct Phase III of the nuclear power reactor safety hearings. At that time testimony would be received from the representatives of the nuclear power industry, the scientific community, and the public at large.

IV. CLASSIFIED ACTIVITIES

Military applications

The Subcommittee on Military Applications of the Joint Committee on Atomic Energy held executive sessions on April 16, May 22, and June 29, 1973, to receive briefings on the military applications of nuclear technology by the Atomic Energy Commission, the Department of Defense and the Supreme Allied Commander, Europe. These hearings were sent to the Department of Defense for review in order that classified material could be deleted and information provided could be published as a Subcommittee hearing print entitled "Military Applications of Nuclear Technology". Part I has been published and Part II will be published in the near future.

In September 1973 Chairman Melvin Price visited the Conference of the Committee on Disarmament in Geneva, in regard with arms control and disarmament matters. He also visited military installations in Europe in connection with matters relating to the military uses of atomic energy. A classified report on this matter is on file in the Joint Committee on Atomic Energy office.

Vice Chairman Pastore and Senator Baker in March 1973 visited certain military installations in NATO to review national security matters relating to the military use of atomic energy. A classified report on this matter was sent by them to the Secretary of Defense and the Chairman of the Atomic Energy Commission.

Central Intelligence Agency

From time to time during this year, the Joint Committee Members have met with representatives of the CIA to receive information concerning foreign intelligence matters.

V. OTHER MATTERS

A. Nuclear electric power in space

The space environment from Earth to Jupiter has been determined for the first time. On December 3, 1973, Pioneer 10 (the first nuclear powered interplanetary spacecraft) photographed and recorded the geophysical properties of the planet Jupiter and sent color photos back to the United States. (The ionizing radiation fields and low intensity solar spectrum precluded use of any other than a nuclear power supply for this mission.)

B. Confirmation hearings

The Senate Section of the Joint Committee held hearings on May 17, August 1, and October 12, 1973 on the nominations of Mr. William E. Kriegsman to be an AEC Commissioner, Mr. William A. Anders to be an AEC Commissioner and Mr. Donald R. Cotter to be Chairman, Military Liaison Committee to the Atomic Energy Commission. The Senate approved these nominations on May 31, August 2 and October 13, 1973.

C. International Atomic Energy Agency (IAEA)

Members of the Joint Committee on Atomic Energy attended the General Conference of the IAEA in Vienna, held in September 1973.

D. Visit to the Far East

Chairman Price toured various installations in the Far East during February 1973. The visit was primarily for the purpose of reviewing with officials of the Japanese government the Japanese civilian atomic energy program.

E. La Crosse Boiling Water Reactor (LACBWR)

The Joint Committee held a public hearing on August 3, 1973 to consider the new terms of the proposed sale of the La Crosse Boiling Water Reactor to the Dairyland Power Corporation. LACBWR is a 50 megawatt (net) nuclear steam plant located on the east bank of the Mississippi River, about 19 miles south of La Crosse, Wisconsin. The LACBWR project was one of several reactors built under the Atomic Energy Commission's Cooperative Power Reactor Demonstration Program and was authorized in 1961 under Section 109(c) of Public Law 87-315. The reactor is Government owned and is operated by the Dairyland Power Cooperative under a contract with the AEC for a ten-year period which would end on November 1, 1979.

Under the former arrangement submitted to the committee, Dairyland would have paid the AEC a net purchase price of \$2.1 million for the reactor and the two fuel cores now at the site. Dairyland would have also assumed the cost of operating the reactor as of November 1, 1971. Under the new arrangement, the purchase price would be reduced from the net figure of \$2.1 million to a nominal sum of one dollar and the Commission would continue to bear the cost of operating the reactor from November 1971 through August 1973. The costs to obtain a full operating license after transfer of title to Dairyland will probably equal or exceed the \$2.7 million. The current estimate of net savings in operating costs to the Commission is \$4.7 million.

VI. COMMITTEE PLANS FOR 93D CONGRESS, 2D SESSION

Included in tentative plans for special attention in connection with the Committee's legislative and oversight responsibilities in the Second Session are the following:

Licensing of Nuclear Power Plants.

Price Anderson Indemnity Protection.

Provision of Uranium Enrichment Services.

Liquid Metal Breeder Reactor Demonstration Plant.

Overall Energy Research and Development Program.

Nuclear Power Reactor Safety.

Policies concerning the supply of natural uranium.

As the legislative work load permits consideration will be given to the conduct of hearings on the Growth, Development and State of the Nuclear Industry as provided under section 202 of the Atomic Energy Act.

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