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EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

APPROVED
DEC -6 1974

DEC 2 1974

MEMORANDUM FOR THE PRESIDENT

Subject: Enrolled Bill S. 3802 - Nuclear energy reports
Sponsor - Sen. Symington (D) Missouri

Partial
12/7
To archive
12/9

Last Day for Action

December 7, 1974 - Saturday

Purpose

Requires the members of the Joint Committee on Atomic Energy to report annually to both Houses of Congress on the development, use, and control of nuclear energy for both defense and peaceful uses.

Agency Recommendations

Office of Management and Budget

Approval

Atomic Energy Commission

No objection

Discussion

On July 8, 1974, Senator Symington introduced S. 3728 to assure that adequate nuclear information essential to Senate decisions be provided to that body. On July 11, 1974, Rep. Price introduced a companion bill -- H.R. 15891 -- which expanded the scope of S. 3728 to require the Joint Committee on Atomic Energy (JCAE) to provide reports to both Houses. On July 22, 1974, the JCAE voted unanimously to report a committee bill in lieu of the above bills.

Although the JCAE presently makes numerous unclassified reports on such issues as legislation, nuclear power programs, uranium enrichment programs, foreign sales of nuclear material and nuclear weapons program, many members of Congress feel inadequately informed in this area. Rep. Hosmer stated in the Congressional Record: "This bill provides for annual reports to Congress by



the Joint Committee on Atomic Energy to insure that all Members are adequately informed as to developments in the field of nuclear weapons and international aspects of atomic energy... Despite [the] wealth of information, the committee felt it would be of use to report annually to Members on recent developments in critical areas... A formal report of this nature would, in our opinion, serve to highlight events of special importance and provide a starting point for Members interested in pursuing some particular topic in more depth."

S. 3802 would require the JCAE to submit a report not later than June 30 of each year to each House of Congress. Each report would provide information on weaponry, foreign policy, defense, international trade and expenditures and appropriations of government revenues in a form designed, to the maximum extent possible, to be presented in open session and by means of unclassified materials.

We believe, and the AEC legal staff agrees, that this is an internal congressional reporting matter which does not affect the executive branch. However, legislation is needed because the JCAE has statutory existence.

Michael H. Rommel

Assistant Director for
Legislative Reference

Enclosures



ACTION

THE WHITE HOUSE
WASHINGTON

Last Day: December 7

December 4, 1974

MEMORANDUM FOR THE PRESIDENT
FROM: KEN COLE *C*
SUBJECT: Enrolled Bill S. 3802
Nuclear Energy Reports

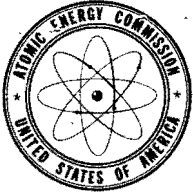
Attached for your consideration is S. 3802, sponsored by Senator Symington, which requires the members of the Joint Committee on Atomic Energy to report annually to both Houses of Congress on the development, use and control of nuclear energy for both defense and peaceful uses.

OMB recommends approval and provides you with additional background information in its enrolled bill report (Tab A).

Bill Timmons, Phil Areeda and NSC all recommend approval.

RECOMMENDATION

That you sign S. 3802 (Tab B).



UNITED STATES
ATOMIC ENERGY COMMISSION
WASHINGTON, D.C. 20545

NOV 29 1974

Mr. Wilfred H. Rommel
Assistant Director for
Legislative Reference
Attn: Mrs. Louise Garziglia
Legislative Reference Division
Office of Management and Budget

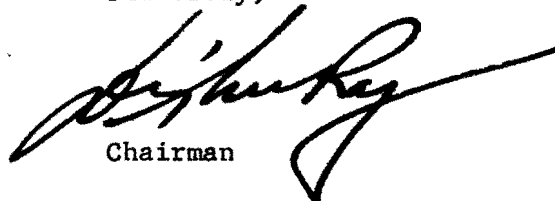
Dear Mr. Rommel:

The Atomic Energy Commission is pleased to respond to your request for its views and recommendations on Enrolled Bill S. 3802 "[t]o provide available nuclear information to committees and Members of Congress."

The Atomic Energy Commission has no objection to the President's signing the enrolled bill.

The bill would amend Section 202 of the Atomic Energy Act of 1954, as previously amended, to require the members of the Joint Committee on Atomic Energy to formally report annually to their respective Houses on the development, use, and control of nuclear energy for the common defense and security and for peaceful purposes. Although this bill would not have any direct impact on the Commission as such, and we would defer to the JCAE as having the primary interest insofar as impact is concerned, it would appear that the purposes intended are already amply served by the wealth of information required to be furnished to the JCAE and generated by numerous public hearings held each year in accordance with the requirements of Section 202 and other pertinent provisions of the Atomic Energy Act, all of which is readily available to all Members of the Congress.

Sincerely,



Chairman

THE WHITE HOUSE
WASHINGTON
December 4, 1974

MEMORANDUM FOR: MR. WARREN HENDRIKS
FROM: WILLIAM E. TIMMONS *WT*
SUBJECT: Action Memorandum - Log No. 757
Enrolled Bill S. 3802 - Nuclear Energy Reports

The Office of Legislative Affairs concurs in the attached proposal and has no additional recommendations.

Attachment

EXECUTIVE OFFICE OF THE PRESIDENT
OFFICE OF MANAGEMENT AND BUDGET
WASHINGTON, D.C. 20503

DEC 2 1974

MEMORANDUM FOR THE PRESIDENT

Subject: Enrolled Bill S. 3802 - Nuclear energy reports
Sponsor - Sen. Symington (D) Missouri

Last Day for Action

December 7, 1974 - Saturday

Purpose

Requires the members of the Joint Committee on Atomic Energy to report annually to both Houses of Congress on the development, use, and control of nuclear energy for both defense and peaceful uses.

Agency Recommendations

Office of Management and Budget

Approval

Atomic Energy Commission

No objection

Discussion

On July 8, 1974, Senator Symington introduced S. 3728 to assure that adequate nuclear information essential to Senate decisions be provided to that body. On July 11, 1974, Rep. Price introduced a companion bill -- H.R. 15891 -- which expanded the scope of S. 3728 to require the Joint Committee on Atomic Energy (JCAE) to provide reports to both Houses. On July 22, 1974, the JCAE voted unanimously to report a committee bill in lieu of the above bills.

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To:-
Hansen
12-2-74
6:10 P.M.

THE WHITE HOUSE

ACTION MEMORANDUM

WASHINGTON

LOG NO.: 757

Date: December 2, 1974

Time: 6:00 p.m.

FOR ACTION: Mike Duval *O.K.*
Bill Timmons *O.K.*
Phil Areeda *OK*
NSC/S *no obj. Elliott*

cc (for information): Warren Hendriks
Jerry Jones

FROM THE STAFF SECRETARY

DUE: Date: Wednesday, December 4, 1974 Time: 3:00 p.m.

SUBJECT:

Enrolled Bill S. 3802 - Nuclear energy reports

ACTION REQUESTED:

For Necessary Action

For Your Recommendations

Prepare Agenda and Brief

Draft Reply

For Your Comments

Draft Remarks

REMARKS:

Please return to Judy Johnston
Ground Floor, West Wing

PLEASE ATTACH THIS COPY TO MATERIAL SUBMITTED.

If you have any questions or if you anticipate a delay in submitting the required material, please telephone the Staff Secretary immediately.

K. R. COLE, JR.
For the President

THE WHITE HOUSE

ACTION MEMORANDUM

WASHINGTON

LOG NO.: 757

Date: December 2, 1974

Time: 6:00 p.m.

FOR ACTION: Mike Duval ✓
Bill Timmons
Phil Areeda
NSC/S

cc (for information): Warren Hendriks
Jerry Jones

FROM THE STAFF SECRETARY

DUE: Date: Wednesday, December 4, 1974 Time: 3:00 p.m.

SUBJECT:

Enrolled Bill S. 3802 - Nuclear energy reports

ACTION REQUESTED:

- For Necessary Action
- For Your Recommendations
- Prepare Agenda and Brief
- Draft Reply
- For Your Comments
- Draft Remarks

REMARKS:

Please return to Judy Johnston
Ground Floor, West Wing

OK Mike Duval r/s

PLEASE ATTACH THIS COPY TO MATERIAL SUBMITTED.

If you have any questions or if you anticipate a delay in submitting the required material, please telephone the Staff Secretary immediately.

Warren K. Hendriks, Jr.
For the President

THE WHITE HOUSE

ACTION MEMORANDUM

WASHINGTON

LOG NO.: 757

Date: December 2, 1974

Time: 6:00 p.m.

FOR ACTION: Mike Duval
Bill Timmons
Phil Areeda
NSC/S

cc (for information): Warren Hendriks
Jerry Jones

FROM THE STAFF SECRETARY

DUE: Date: Wednesday, December 4, 1974 Time: 3:00 p.m.

SUBJECT:

Enrolled Bill S. 3802 - Nuclear energy reports

ACTION REQUESTED:

For Necessary Action

For Your Recommendations

Prepare Agenda and Brief

Draft Reply

For Your Comments

Draft Remarks

REMARKS:

Please return to Judy Johnston
Ground Floor, West Wing

*Approval
of Areeda*

PLEASE ATTACH THIS COPY TO MATERIAL SUBMITTED.

If you have any questions or if you anticipate a delay in submitting the required material, please telephone the Staff Secretary immediately.

Warren K. Hendriks, Jr.
For the President

93D CONGRESS }
2d Session }

SENATE

{ REPORT
No. 93-1228

ANNUAL REPORTS TO CONGRESS
ON NUCLEAR INFORMATION

REPORT

BY THE

JOINT COMMITTEE ON ATOMIC ENERGY

[To accompany S. 3802]



OCTOBER 4, 1974.—Ordered to be printed

U.S. GOVERNMENT PRINTING OFFICE

WASHINGTON : 1974

JOINT COMMITTEE ON ATOMIC ENERGY

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

EDWARD J. BAUSER, *Executive Director*

GEORGE F. MURPHY, Jr., *Deputy Director*

JAMES B. GRAHAM, *Assistant Director*

NORMAN P. KLUG, *Technical Consultant*

Col. SEYMOUR SHWILLER, USAF (Ret.), *Technical Consultant*

ALBION W. KNIGHT, Jr., *Professional Staff Member*

RANDALL C. STEPHENS, *Professional Staff Member*

WILLIAM J. MINSCH, Jr., *Special Counsel*

CHRISTOPHER C. O'MALLEY, *Printing Editor*

(II)

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(III)

ANNUAL REPORTS TO CONGRESS ON NUCLEAR INFORMATION

OCTOBER 4, 1974.—Ordered to be printed

Mr. PASTORE, from the Joint Committee on Atomic Energy,
submitted the following

REPORT

[To accompany S. 3802]

The Joint Committee on Atomic Energy, having considered H.R. 16074, to provide available nuclear information to committees and Members of Congress, hereby reports favorably thereon and recommends that the bill do pass.

I. BACKGROUND

On July 8, 1974, Senator Stuart Symington introduced S. 3728, a bill to assure that adequate nuclear information essential to Senate decisions be provided to that body. This would be accomplished through a report submitted to the Senate twice in each session of Congress by the Senate section of the Joint Committee on Atomic Energy. The report would provide facts and information concerning nuclear energy, nuclear weapons, and nuclear policies, the knowledge of which would contribute to the exercise of informed judgments by all Senators respecting foreign policy, defense, international trade and other related matters.

On July 11, 1974, Chairman Melvin Price introduced H.R. 15891, a companion bill, expanding the scope of S. 3728 to require that the reports provided for in S. 3728 be furnished by the Joint Committee on Atomic Energy to both Houses of Congress.

On July 22, 1974, the Joint Committee on Atomic Energy met in open session and voted unanimously to submit a committee bill in lieu of those measures. The bill was introduced on July 23, 1974 by Chairman Price as H.R. 16074, and on July 24, 1974 by Senator Symington as S. 3802. The Joint Committee met again on September 26, 1974 and voted unanimously to report these bills favorably and to adopt this report.

II. COMMITTEE COMMENTS

The Atomic Energy Act of 1954 created the Joint Committee on Atomic Energy and charged it with oversight, for the Congress, of the activities of the Atomic Energy Commission and of problems relating to the development, use, and control of atomic energy. Pursuant to this charge, the Joint Committee has conducted hearings during each session of the Congress, specifically aimed at obtaining information concerning all significant aspects of nuclear related matters or activities including the development, growth, and state of the atomic energy industry, foreign policy and international factors, the common defense and security, as well as numerous legislative and informational matters in the atomic energy field. The Joint Committee on Atomic Energy, in its report on the Atomic Energy Commission's authorization legislation, includes statements on the most significant developments in the Nation's nuclear programs. Progress in the civilian nuclear power program, critical aspects of the uranium enrichment program, foreign sales of nuclear materials and critical developments in the nuclear weapons program are examples of matters reported on. The Joint Committee also annually releases a report on accomplishments of the Joint Committee during the legislative year which is published in the Congressional Record.

The Joint Committee also annually publishes a print of Atomic Energy Legislation, updated through the previous session of the Congress. In addition, the committee, annually at the beginning of each Congress, publishes a print of Joint Committee membership, publications, and other pertinent information, which has as its stated intent the providing of information to the Congress and the public. Sections VIII through XIII of the most recent of these reports are reprinted in the Appendix to this report.

Additionally, each year the Joint Committee publishes and distributes to the Congress and to the public detailed information on all programs of the Atomic Energy Commission through the hearing record on the AEC Authorizing Legislation for the forthcoming fiscal year. These documents are supplemented by hearing records and appended materials on other topics upon which hearings are held during each session of Congress. Examples of committee prints of this nature include:

The Environmental Effects of Producing Electric Power (1970).

Controlled Thermonuclear Research Program in the United States (1971).

Status of Current Technology to Identify Seismic Events as Natural or Made-made (1971).

Nuclear Propulsion for Naval Warships (1971-72).

Liquid Metal Fast Breeder Reactor Demonstration Plant (1972).

Proposed Amendment to Agreement for Cooperation with Euratom (1973).

Understanding the "National Energy Dilemma" (1973).

Selected Materials on Atomic Energy Indemnity and Insurance Legislation (1974).

Notwithstanding the information and reports now provided by the committee, it is the view of the Joint Committee that the addition of an annual report as specified in the proposed bill has merit. A fuller understanding of the pervasive and important significance of nuclear science and energy in the international activities could perhaps be aided by a consolidated summary report of the high points of the activities referred to in the amendment. The worldwide energy crisis and its implications for the United States have propelled considerations of peaceful applications of nuclear energy into discussions of foreign policy, balance of payments and world trade. Similarly, nuclear weapons have dominated strategic thought and national security considerations.

In this atmosphere, the Joint Committee suggests that a mechanism for presenting the Members of both Houses of Congress with information on a regular and formal basis could facilitate informed judgments on these matters.

III. COST OF LEGISLATION

In accordance with section 252(a) of the Legislative Reorganization Act of 1970 (Public Law 91-510), the Joint Committee has estimated that compliance with the proposed legislation will require some increase in Joint Committee staff effort together with the associated printing costs of the reports. Such costs will necessarily be reflected in the Joint Committee's annual budget request.

IV. BILL ANALYSIS

The bill would amend Section 202 of the Atomic Energy Act of 1954, as amended, by renumbering Section 202 as subsection 202a., and adding a new subsection b., which establishes a requirement for an annual report by the Joint Committee membership to their respective Houses on the development, use, and control of nuclear energy for the common defense and security and for peaceful purposes. These reports will have the purpose of acquainting Members of Congress with factual information concerning nuclear energy, nuclear weapons, and nuclear policies. To the fullest extent reasonably practical, the information will consist of unclassified written material that can be openly considered.

CHANGES IN EXISTING LAW

In accordance with subsection (4) of rule XXIX of the Standing Rules of the Senate, changes in existing law recommended by the bill accompanying this report are shown as follows (new matter is printed in italic; and existing law in which no change is proposed is shown in roman):

PUBLIC LAW 83-703

(Atomic Energy Act of 1954, as amended)

"SEC. 202. Authority and duty.

* * * * *

"a. The Joint Committee shall make continuing studies of the activities of the Atomic Energy Commission and of problems relating to the

development, use, and control of atomic energy. During the first ninety days of each session of the Congress, the Joint Committee may conduct hearings in either open or executive session for the purpose of receiving information concerning the development, growth, and state of the atomic energy industry. The Commission shall keep the Joint Committee fully and currently informed with respect to all of the Commission's activities. The Department of Defense shall keep the Joint Committee fully and currently informed with respect to all matters within the Department of Defense relating to the development, utilization, or application of atomic energy. Any Government agency shall furnish any information requested by the Joint Committee with respect to the activities or responsibilities of that agency in the field of atomic energy. All bills, resolutions, and other matters in the Senate or the House of Representatives relating primarily to the Commission or to the development, use, or control of atomic energy shall be referred to the Joint Committee. The members of the Joint Committee who are Members of the Senate shall from time to time report to the Senate, and the members of the Joint Committee who are Members of the House of Representatives shall from time to time report to the House, by bill or otherwise, their recommendations with respect to matters within the jurisdiction of their respective Houses which are referred to the Joint Committee or otherwise within the jurisdiction of the Joint Committee.

"b. The members of the Joint Committee who are Members of the Senate and the members of the Joint Committee who are Members of the House of Representatives shall, on or before June 30 of each year, report to their respective Houses on the development, use and control of nuclear energy for the common defense and security and for peaceful purposes. Each report shall provide facts and information available to the Joint Committee concerning nuclear energy which will assist the appropriate committees of the Congress and individual members in the exercise of informed judgment on matters of weaponry; foreign policy; defense; international trade; and in respect to the expenditure and appropriation of Government revenues. Each report shall be presented formally under circumstances which provide for clarification and discussion by the Senate and the House of Representatives. In recognition of the need for public understanding, presentations of the reports shall be made to the maximum extent possible in open sessions and by means of unclassified written materials."

APPENDIX

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.)

- 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.)

- 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.

1948 (80th Cong., 2d sess.)

- 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.)

- 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.

- 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.*** Committee print, Aug. 9.
- Report of the Panel on the Impact of the Peaceful Uses of Atomic Energy to the Joint Committee on Atomic Energy (vol. I).* Committee print, January.
- 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).* Committee print, January.
- Sale of Communities (1956)*----- Hearings (Subcommittee on Communities), June 11, 19, 20, and 21.
- Shortage of Scientific and Engineering Manpower.* Hearings, Apr. 17, 18, 19, 25, 26, and May 1 (Subcommittee on Research and Development, July 1).

1957 (85th Cong., 1st sess.)

- A Study of AEC Procedures and Organization in the Licensing of Reactor Facilities.* Committee print, April (price, 55 cents).
- AEC Headquarters Building Wing*----- Hearing, May 23.
- Atomic Energy Legislation through 85th Cong., 1st sess.*² Committee print, December.
- Authorization Legislation*----- Hearings (pt. 1 of 2 parts), April 10, 16, and June 12, 13, 14, 17, 18, 24, 25, 26, and 27.
- Do.*----- Hearings (pt. 2 of 2 parts), July 9.
- Authorizing Legislation. Index to Hearings of 1955, 1956, and 1957.*** Committee print, December.
- Congressional Review of Atomic Energy Program.* Hearings May 23 and June 10.
- Development, Growth, and State of the Atomic Energy Industry.* Hearings (pt. 1 of 2 parts), Feb. 19, 20, 21, and 25.
- Do.*----- Hearings (pt. 2 of 2 parts), Feb. 26, 27, 28, and Mar. 5.
- Development, Growth, and State of the Atomic Energy Industry. Index to Hearings.* Committee print, July.
- Development of Scientific Engineering and other Professional Manpower (with emphasis on the role of the Federal Government).* Committee print, May.
- Governmental Indemnity and Reactor Safety.* Hearings, Mar. 25, 26, and 27.
- Membership, Acts Amending the Atomic Energy Act of 1946, and list of Committee Publications.*² Committee print, March.
- Naval Reactor Program and Shipping-Port Project.* Hearings, Mar. 7 and Apr. 12.
- Participation Act of the International Atomic Energy Agency, S. 2341.* Hearing, July 2.
- Report of the Conferences on the Statute of the International Atomic Energy Agency by Congressional Advisers.* Committee print, January.
- Review of Proposals Under Power Demonstration Program.* 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.* May 10, 14, 15, and 20.
- The Nature of Radioactive Fallout and Its Effects on Man.* Hearings (pt. 1 of 3 parts), May 27, 28, 29, and June 3.
- Do.*----- Hearings (pt. 2 of 3 parts), June 4, 5, 6, and 7.
- Do.*----- Index to Hearings (pt. 3 of 3 parts).
- Do.*----- Summary-Analysis of the Hearings, committee print, August.
- West Berlin Reactor***----- Hearing, Mar. 6.

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

- AEC Authorizing Legislation*----- 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).
- Do.*----- Index to hearings.
- AEC "Omnibus" Bill*----- Hearings (Subcommittee on Legislation), July 10, 17, and 18.
- Amending the Atomic Energy Act of 1954 To Permit Greater Exchange of Military Information and Material With Allied Nations.* Hearings (Subcommittee on Agreements for Cooperation), Jan. 29, 30, and 31; Feb. 4, 5, and 27; Mar. 5, 26, 27, and 28, Apr. 17.
- Atomic Energy Legislation through 85th Cong., 2d sess.*² Committee print, December.
- Authorizing Legislation for Destroyer Reactor Plant.* Hearings (Subcommittee on Legislation), Mar. 14.
- Comments of Rreactor Designers and Industrial Representatives on the Proposed Expanded Civilian Nuclear Power Program.* Committee print, December.
- Development, Growth and State of the Atomic Energy Industry (1958 Section 202 Hearings).* Hearings, Feb. 19, 20, 21, 26, and 28; Mar. 3 and 4.
- Do.*----- Index to hearings.
- Membership, Legislation, and Publications of the Joint Committee on Atomic Energy.*² Committee print, March.
- Nomination of John A. McCone*----- Hearings (Senate section of the Joint Committee), July 2.
- Operation of AEC Indemnity Act*----- 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).
- Outer Space Propulsion by Nuclear Energy.* Hearings (Subcommittee of the JCAE), Jan 22, 23, and Feb. 6.
- Physical Research Program as It Relates to the Field of Atomic Energy.* Hearings (Subcommittee on Research and Development), Feb. 3, 4, 5, 6, 7, 10, 11, 13, and 14.
- Do.*----- Report of Subcommittee on Research and Development, committee print, August.
- Do.*----- Index to hearings.
- Problems of the Uranium Mining and Milling Industry.* 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.* Do.*** Hearings, July-23.
- AEC Authorizing Legislation, Fiscal 1960.* Report, September.
- AEC Report on Indemnity Act and Advisory Committee on Reactor Safeguards.* Hearings, Feb. 7 and 27; Mar. 23, 24, and 25; Apr. 13, 14, and 15; and May 8.
- Agreements for Cooperation with EURATOM.* Committee print, April.
- Agreements for Cooperation for Mutual Defense Purposes.* Hearings, Jan. 21 and 22.
- Agreement for Cooperation between the United States and the International Atomic Energy Agency.* Hearings, June 11, 12, and 17; July 1 and 2.
- Amending the Atomic Energy Act and Authorization of Stanford Accelerator Project.*** Hearings, June 30.
- Atomic Energy Legislation through the 86th Cong., 1st sess.* 2 Hearings, Aug. 26.
- Atomic Energy Patents, Selected Materials on.* Committee print, December.
- Atomic Energy Patents* Hearings, Apr. 21, 22, and 23.
- Biological and Environmental Effects of Nuclear War.* Hearings, July 22, 23, 24, 25, and 26.
- Do.*** Summary-Analysis of Hearings.
- Community Problems at Los Alamos.* Hearing, Dec. 7.
- Development, Growth and State of the Atomic Energy Industry.* Hearings, Feb. 17, 18, 19, 24, 25, and 26.
- Do.* Index to hearings.
- Employee Radiation Hazards and Workmen's Compensation—Selected Materials.* Committee print, February.
- Employee Radiation Hazards and Workmen's Compensation.* Hearings, Mar. 10, 11, 12, 17, 18, and 19.
- Do.*** Summary-Analysis of Hearings, September.
- Fallout from Nuclear Weapons Tests.* Hearings, May 5, 6, 7, and 8.
- Do.* Summary-Analysis of Hearings, August.
- Do.* Vol. 4. Index to hearings.

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.

**Available only at the Government Printing Office.

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

- 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-
 esses.*
 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.

* Current print now available.

*²Out of print.

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

- Review of AEC and Army Food Irradia-
 tion Program.*
 Space Nuclear Power Applications***
 Tour of the U.S.S. *Enterprise* and Report
 on Joint AEC-Naval Reactor Pro-
 gram.
 U.S. Policy Toward the International
 Atomic Energy Agency.***
 Utility Proposal for Powerplant Addi-
 tion to Hanford NPR.***
 Do.***
- Hearings, Mar. 6 and 7.
 Hearings, Sept. 13, 14, and 19.
 Hearing, Mar. 31.
 Hearing, Aug. 2.
 Committee print, July.
 Hearings, July 10 and 11.
- 1963 (88th Cong., 1st sess.)
- AEC Authorizing Legislation, Fiscal
 Year 1964.*
 AEC Omnibus Bills for 1963 and
 1964***³
 AEC Supplemental Authorizing Legis-
 lation, Fiscal Year 1964.*
 Atomic Energy Legislation Through
 88th Cong., 1st sess. December
 1963.*²
 Chemical Reprocessing Plant*
 Cooperative Power Reactor Demon-
 stration Program, 1963.***
 Development, Growth, and State of the
 Atomic Energy Industry:
 Part 1*
 Part 2*
 Development in Technical Capabilities
 for Detecting and Identifying Nuclear
 Weapons Tests.***
 Fallout, Radiation Standards, and
 Countermeasures:
 Part 1***
 Part 2***
 International Agreements for Coopera-
 tion.***³
 Membership, Publications, and Other
 Pertinent Information—88th Cong.,
 1st sess. (February 1963).*²
 Nevada Test Site Community***
 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.*
 Nuclear Propulsion for Naval Surface
 Vessels.***
 Do.*
 Private Ownership of Special Nuclear
 Materials, 1963.*
 Review of the Army Food Irradiation
 Program.*
- Hearings, Apr. 9, 10, and May 2.
 Hearings, July 17, 1963, and May 19,
 1964
 Hearing, Oct. 31.
 Committee print.
 Hearing, May 14.
 Hearings, July 9, Aug. 7, and Oct. 15.
 Hearings, Feb. 20, 21.
 Hearings, Apr. 2, 3, 4, and 5.
 Hearings, Mar. 5, 6, 7, 8, 11, and 12.
 Hearings, June 3, 4, and 6.
 Hearings, Aug. 20, 21, 22, and 27.
 Hearings, Sept. 5, 1963, Apr. 22 and
 June 30, 1964.
 Committee print.
 Hearings, Sept. 12 and Oct. 16.
 Hearings, Aug. 12, 13, 14, 15, 19, 20,
 21, 22, 23, 26, and 27.
 Hearings, Oct. 30, 31, and Nov. 13.
 Report, December.
 Hearings, July 31 and Aug. 1.
 Hearings, May 13.
- 1964 (88th Cong., 2d sess.)
- AEC Authorizing Legislation, 1965:
 Part 1*
 Part 2*
 Part 3*
- Hearing, Jan. 22, 23, 27, Feb. 3, 4,
 and 7.
 Hearings, Feb. 5, 6, 18, 19, 20, and
 Mar. 4.
 Hearings, Feb. 20, 25, 26, 27, Mar. 2,
 and 3.

* Current print available.

*²Not printed until 1964.*³Out of print.

** Available only at the Government Printing Office.

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

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.

* 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 Antibalistic 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.

* Current print now available.

* Not printed until 1968.

* 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, 1967.*
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.

* Current print now available.

*Out of print.

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

Environmental Effects of Producing Electric Power (Part 2).** ³	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*---	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).	Hearings 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) *.	Hearings Feb. 25, 1971 (price, 60 cents).
Use of Uranium Mill Tailings for Construction Purposes.	Hearings October 28, 29. (price, \$2.25).

* Current print now available.

* Part 1 was printed in 1969.

* Part 1 was printed in 1970.

* 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). Committee Print, January (price \$2.35). Committee Print, March 1972.
Atomic Energy Legislation Through the 92d Congress, 2d Session.**	
Current Membership of the Joint Committee on Atomic Energy.	
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). Supplemental Materials (price, \$2.50).
Part 2**	Hearings Sept. 7, 8, and 12, 1972 (price, \$2.00).
Liquid Metal Fast Breeder Reactor Demonstration Plant.	Hearing (and subsequent inquiry), May 5, 1971—Sept. 30, 1972 (price, \$2.25).
Nuclear Propulsion for Naval Warships.	

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.

**Available only at the Government Printing Office.

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).

**Available only at the Government Printing Office.

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..... H.R. 5216.....	Jan. 30 Feb. 2	S. Rept. 851. 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 do	S. Rept. 850. 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..... H.R. 6402..... S. 2589..... H.R. 6402.....	May 17 do May 24 do	S. Rept. 1342. H. Rept. 1973. S. Rept. 1342, pt. 2, minority views. 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..... H.R. 5884.....	Aug. 18 do	S. Rept. 934. 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 Oct. 26	S. Rept. 1169; pt. 2, (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..... H.R. 8103.....	Aug. 30	S. Rept. 2493.
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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..... H.R. 5646.....	Oct. 8 do	S. Rept. 894. 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..... H.R. 9757.....	June 30 July 12 Aug. 6	S. Rept. 1699. H. Rept. 2181. H. Conf. Rept. 2639.
Atomic Weapons Rewards Act of 1954.....	S. 3851..... H.R. 10203.....	Aug. 16 Aug. 14 Aug. 16	H. Conf. Rept. 2666. S. Rept. 2488. 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.....	July 30 do July 21, 1956	S. Rept. 1269. H. Rept. 1604. 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 27	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.
	S. 4165.....	do.	S. Rept. 1883.
Do.	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.
	S. 4273.....	Aug. 14	S. Rept. 2370.
Concurrent resolution to approve agreement with Euratom.	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.
		June 21	S. Rept. 441.
To amend the Atomic Energy Act of 1954, as amended, and the Euratom Cooperation Act of 1958, and for other purposes.	H.R. 8599.....	Aug. 16	H. Rept. 963.
	S. 2391.....	do.	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.
		June 29	S. Rept. 1671.
Amending the Atomic Energy Act of 1954, as amended, and for other purposes.	H.R. 12336.....	July 5	H. Rept. 1966.
	S. 3491.....	do.	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..... S. 3262.....	Apr. 2 Apr. 3	H. Rept. 1266. S. Rept. 1074.
1969 (91ST CONG., 1ST SESS.)			
To authorize appropriations to the Atomic Energy Commission.....	H.R. 12167..... S. 2416.....	June 16 June 18	H. Rept. 315. S. Rept. 244.
To amend the Atomic Energy Act of 1954, as amended.....	H.R. 14925..... S. 3169.....	Nov. 24 do.	H. Rept. 691. S. Rept. 553.
1970 (91ST CONG., 2D SESS.)			
To authorize appropriations to the Atomic Energy Commission.....	H.R. 17405..... S. 3818.....	May 4 May 11	H. Rept. 1036. S. Rept. 852.
To amend the Atomic Energy Act, as amended.....	H.R. 18679..... S. 4141.....	Sept. 24 Sept. 29	H. Rept. 1470. 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..... S. 4557.....	Sept. 7 do.	H. Rept. 1677. S. Rept. 1414.
1971 (92D CONG., 1ST SESS.)			
To authorize appropriations to the Atomic Energy Commission.....	H.R. 9388..... S. 2150.....	June 30 July 8	H. Rept. 325. S. Rept. 249.
1972 (92D CONG., 2D SESS.)			
To authorize temporary operating permits.....	H.R. 14655..... S. 3543.....	Apr. 26 Apr. 27	H. Rept. 1027. S. Rept. 787.
To authorize appropriations to the Atomic Energy Commission.....	S. 3607..... H.R. 14990.....	May 16 May 16	S. Rept. 802. H. Rept. 1066.
1973 (93D CONG., 1ST SESS.)			
To authorize appropriations to the Atomic Energy Commission.....	H.R. 8662..... S. 1994.....	June 14 June 18	H. Rept. 93-280. S. Rept. 93-224.
To amend the EURATOM Cooperation Act of 1958.....	S. 1993..... H.R. 8867.....	July 24 July 19	S. Rept. 93-341. 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..... H.R. 11216.....	Nov. 7 Nov. 1	S. Rept. 93-487. 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 cooperation 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.	Sept. 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	UTAH
Rio Piedras, University of Puerto Rico	Salt Lake City, University of Utah
SOUTH CAROLINA	VIRGINIA
Columbia, University of South Carolina	Charlottesville, University of Virginia
TEXAS	WASHINGTON
Austin, University of Texas	Pullman, Washington State University
College Station, Texas A. & M. University	Seattle, University of Washington
Houston, Rice University	WISCONSIN
	Madison, University of Wisconsin

COLLECTIONS IN FOREIGN COUNTRIES

ARGENTINA	IRAQ, REPUBLIC OF
Buenos Aires, Comisión Nacional de Energía Atómica (CNEA)	Baghdad Atomic Energy Commission, Nuclear Research Institute
AUSTRALIA	IRELAND
Canberra, National Library of Australia	Dublin, University College
Sutherland, New South Wales, Atomic Energy Research Establishment	ISRAEL
AUSTRIA	Yavne, Israel Atomic Energy Commission, Soreq Nuclear Research Centre
Vienna, Zentralbibliothek der Physikalischen Institute der Universität	ITALY
BELGIUM	Rome, Comitato Nazionale Energia Nucleare
Mol-Donk, Centre d'Etude de l'Energie Nucleaire	JAPAN
BRAZIL	Tokai-Mura, Naka-Gun-Ibaraki-Ken, Japan Atomic Energy Research Institute
Rio de Janeiro, Comissão Nacional de Energia Nuclear	Tokyo, National Diet Library
São Paulo, Instituto de Energia Atômica, Cidade Universitaria São Paulo	KOREA, REPUBLIC OF
CANADA	Seoul, Atomic Energy Research Institute
Chalk River, Ontario, Atomic Energy of Canada Ltd., Chalk River Nuclear Laboratories	MEXICO
Hamilton, Ontario, McMaster University	Mexico, D.F., Instituto Nacional de Energia Nuclear
Ottawa, National Research Council	NETHERLANDS, THE
DENMARK	Petten, Reactor Centrum Nederland
Risø, Danish Atomic Energy Commission	Rijswijk, Institut International Des Brevets
FINLAND	NORWAY
Otaniemi, Teknillisen Korkeakoulun Kirjasto	Kjeller, Institutt for Atomenergi
FRANCE	PERU
Saclay, Gif-sur-Yvette, Centre d'Etudes Nucleaires de Saclay	Lima, Junta de Control de Energia Atômica
GERMANY, WEST	PORTUGAL
Leopoldshafen, Zentralstelle für Atomkernenergie Dokumentation	Sacavem, Junta de Energia Nuclear
München, Technischen Universität	SOUTH AFRICA, REPUBLIC OF
GREECE	Pretoria, Atomic Energy Board Library
Athens, Nuclear Research Center "Democritus" Library	SPAIN
INDIA	Madrid, Junta de Energia Nuclear, Biblioteca Documentación y Publicaciones, Ciudad Universitaria
Bombay, Trombay, Department of Atomic Energy, Bhabha Atomic Research Center Library	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	ITALY Ispra Varese, Cetus Library, EUR-ATOM
BELGIUM Brussels, LaBibliotheque ATOM (Partial)	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
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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
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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	Henry M. Jackson, Washington
John Young, Texas	Stuart Symington, Missouri
Teno Roncalio, Wyoming	Alan Bible, Nevada
Mike McCormack, Washington	Joseph M. Montoya, New Mexico
Craig Hosmer, California	George D. Aiken, Vermont
John B. Anderson, Illinois	Wallace F. Bennett, Utah
Orval Hansen, Idaho	Peter H. Dominick, Colorado
Manuel Lujan, Jr., New Mexico	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.

Ninety-third Congress of the United States of America

AT THE SECOND SESSION

*Begun and held at the City of Washington on Monday, the twenty-first day of January,
one thousand nine hundred and seventy-four*

An Act

To provide available nuclear information to committees and Members
of Congress.

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 202 of the Atomic Energy Act of 1954 is amended by designating the present text subsection "a." and by adding the following as subsection "b.":
"b. The members of the Joint Committee who are Members of the Senate and the members of the Joint Committee who are Members of the House of Representatives shall, on or before June 30 of each year, report to their respective Houses on the development, use, and control of nuclear energy for the common defense and security and for peaceful purposes. Each report shall provide facts and information available to the Joint Committee concerning nuclear energy which will assist the appropriate committees of the Congress and individual members in the exercise of informed judgment on matters of weaponry; foreign policy; defense; international trade; and in respect to the expenditure and appropriation of Government revenues. Each report shall be presented formally under circumstances which provide for clarification and discussion by the Senate and the House of Representatives. In recognition of the need for public understanding, presentations of the reports shall be made to the maximum extent possible in open sessions and by means of unclassified written materials."

Speaker of the House of Representatives.

*Vice President of the United States and
President of the Senate.*

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November 26, 1974

Dear Mr. Director:

The following bills were received at the White House on November 26th:

S.J. Res. 248
S. 3802

Please let the President have reports and recommendations as to the approval of these bills as soon as possible.

Sincerely,

Robert D. Linder
Chief Executive Clerk

The Honorable Ray L. Ash
Director
Office of Management and Budget
Washington, D. C.