

**THE SCIENCE ACT
OF 1958**

(Rep. Act No. 2067, as amended by Rep. Act No. 3589)

(REPUBLIC ACT NO. 2067, AS AMENDED BY
REPUBLIC ACT NO. 3589)

AN ACT TO INTEGRATE, COORDINATE, AND INTENSIFY
SCIENTIFIC AND TECHNOLOGICAL RESEARCH AND
DEVELOPMENT AND TO FOSTER INVENTION; TO
PROVIDE FUNDS THEREFOR; AND FOR OTHER PUR-
POSES.

*Be it enacted by the Senate and House of Representatives of
the Philippines in Congress assembled:*

SECTION 1. This Act shall be known as the "Science Act
of 1958."

SEC. 2. In consonance with the provisions of section four,
Article XIV of the Constitution, it is hereby declared to be the
policy of the state to promote scientific and technological re-
search and development, foster invention, and utilize sci-
entific knowledge as an effective instrument for the promo-
tion of national progress.

Sec. 3. In the implementation of the foregoing policy,
the Government shall in accordance with the provisions of
this Act:

- (1) Stimulate and guide scientific, engineering and
technological efforts towards filling the basic and immediate
needs of the people;
- (2) Survey the scientific, engineering and technological
resources of the country and formulate a comprehensive pro-
gram for the development and maximum utilization of such
resources in the solution of the country's problems;
- (3) Strengthen the educational system of the country so
that the same will provide a steady source of competent sci-
entific and technological manpower;

- (4) Furnish incentives to private and individual ini-
tiative in scientific work, as a fundamental basis for the
advancement of science;

(5) Promote and encourage the dissemination of the results of scientific and technological research and the general application thereof;

(6) Encourage and facilitate the active participation of domestic and foreign sectors in furnishing financial, technical and other forms of assistance for scientific and technological activities;

(7) Promote coordination and cooperation in research in order to secure concentration of effort, minimize duplication and thereby achieve maximum progress;

(8) Initiate and bring about the establishment of standards, quality control measures and documentation facilities; and

(9) Encourage studies in the pure and fundamental sciences.

Sec. 4. To carry out the provisions of the preceding section, there is hereby created a National Science Development Board, hereinafter referred to as the Board, with the following functions, powers and duties:

(1) To coordinate and promote cooperation in the scientific research and development activities of government agencies and private enterprises;

(2) With the approval of the President of the Philippines, to formulate consistent and specific national scientific policies and prepare comprehensive scientific and technological programs which shall be observed and implemented by the Government and all its subdivisions, agencies and instrumentalities;

(3) To establish a system of priorities for scientific and technological projects;

(4) To review and analyze scientific and technological projects, schedules of activities, programs and project proposals, including the progress of projects being undertaken, and to take such measures as may be necessary to accomplish the objectives and policies involved in these activities;

(5) To develop a program for the effective training and utilization of scientific and technological manpower;

(6) To initiate and facilitate arrangements for scientific and technological aid from domestic private sectors and foreign sources and for the exchange of information among local and foreign institutions and scientific investigators;

(7) To offer to, and accept from, public and private sectors, specific project proposals of scientific and/or technological research and development in accordance with section ten hereof, and to provide appropriate financial, technical and other support thereto;

(8) To establish and/or provide incentives, including financial and technological support, for the establishment of scientific and technological centers;

(9) To disseminate the results of scientific and technological research and to encourage their practical application;

(10) To grant scholarships in mathematics, science, technology and science teaching to deserving citizens;

(11) To grant financial or other awards, bonuses and/or prizes to deserving scientific, engineering and technological researchers and inventors;

(12) To pay additional compensation to scientific, engineering and technological researchers and inventors employed in the Government or its subdivisions and instrumentalities under such terms and conditions as may be most conducive towards the attainment of maximum efficiency in scientific research and studies;

(13) To extend travel grants for scientific and/or technological purposes; to send delegates and/or observers to scientific and technological conferences or conventions; and to promote and assist scientific and technological conferences and conventions in the Philippines;

(14) With the approval of the President of the Philippines, to appoint not more than five science attaches with the proper scientific background and, whenever necessary, to send scientific and technological missions abroad;

(15) To undertake, in collaboration with the Department of Education, a thorough survey of the educational sys-

tem and to determine, as well as to recommend to the corresponding authorities, the measures which may be necessary to make it an effective instrument for scientific advancement;

(16) To initiate and formulate measures designed to promote scientific effort and science consciousness;

(17) To submit to the President of the Philippines and to both Houses of Congress, not later than the opening of the regular session each year, an annual report on the status of the national science effort, embodying such recommendations as it may deem proper to make; and

(18) Generally, to do such other things and take such action as may be directly or indirectly incidental or conducive to the attainment of the objectives of this Act.

Sec. 5. The Board shall be composed of a Chairman; a Vice-Chairman, who shall concurrently be the Executive Director of the Board; and the following members: the Chairman of the National Research Council of the Philippines, the Commissioner of the National Institute of Science and Technology, the Commissioner of the Philippine Atomic Energy Commission, the Director of the Office of National Planning of the National Economic Council, a representative from the University of the Philippines to be designated by the President of the University, one member representing industry, one member representing scientific and/or technological associations or societies, one member representing agriculture, and one member representing education.

The members representing industry, scientific and/or technological associations or societies, agriculture and education shall be appointed by the President of the Philippines from among those who shall be recommended by representative groups, subject to the confirmation of the Commission on Appointments, and shall hold office each for a period of three years.

Sec. 6. The Chairman of the Board, who shall have cabinet rank, shall be appointed by the President of the Philippines, subject to the confirmation of the Commission on Appointments. He shall be a citizen of the Philippines with

proven executive ability who shall have distinguished himself in science, technology and/or his chosen profession or field of activity. He shall hold office for six years and shall not be removed therefrom except for cause. He shall receive an annual compensation of twenty-four thousand pesos.

The Vice-Chairman shall be appointed by the President of the Philippines, subject to the confirmation of the Commission on Appointments. He shall be a citizen of the Philippines with proven executive ability who shall have achieved distinction in science and/or technology. He shall receive an annual compensation of eighteen thousand pesos.

Both the Chairman and the Vice-Chairman shall pass the necessary security clearance.

SEC. 7. The members of the Board, except the Commissioner of the National Institute of Science and Technology and the Commissioner of the Philippine Atomic Energy Commission who shall serve as *ex officio* members without extra compensation, shall receive a *per diem* of fifty pesos each per session of the Board: *Provided*, That the monthly total of such *per diems* for each member shall not exceed two hundred pesos.

SEC. 8. The Board shall have the following divisions: the Division of Programming and Evaluation, the Division of Development and Assistance, the Administrative Division, the Legal Division and such other divisions which the Board may deem necessary to create.

SEC. 9. The Board shall have, for all legal purposes, all the duties, powers and prerogatives of a Board of Directors and shall function as such, unless otherwise provided for in this Act. The Board shall promulgate such rules and regulations as may be necessary for the conduct and exercise of its functions, duties, and powers under this Act: *Provided*, That the concurrence of at least six members is required for the approval of any resolution: *And provided, further*, That only the members of the Board who have passed the necessary security clearance shall deliberate and act on classified matters relating to atomic energy and/or nuclear science.

The Board shall exercise its powers in such manner as to insure the continuity of research and development activities in the fields specified in this Act by the Government and private enterprise and to assist in increasing theoretical and practical knowledge in such fields.

SEC. 10. Notwithstanding the provisions of Commonwealth Act Numbered One hundred and thirty-eight and the requirements of public bidding, the Chairman shall, subject to the approval of the Board enter into contracts, or otherwise make arrangements, for the conduct of the following activities and their development:

- (a) Industrial research
- (b) Agricultural research
- (c) Medical and pharmaceutical research
- (d) Biological research
- (e) Atomic energy research
- (f) Food and nutrition research
- (g) Engineering research
- (h) Research on social science and the humanities, and
- (i) Pure and fundamental science studies.

In implementation of such contracts or arrangements the Chairman may, subject to the approval of the Board, make partial or advance payments and make available such equipment and facilities of the Board and its agencies as he may deem necessary.

The Chairman shall, with the approval of the Board, appoint such technical and administrative personnel as may be necessary to carry out the assigned functions of the Board.

SEC. 10—*a*. The National Science Development Board shall have final authority to program and utilize exclusively for the support of the activities mentioned in the preceding section, all income, grants, bequests, donations and unexpended balances, which shall compose a Fiduciary Fund to be known as the Science, Engineering and Technology Research Fund. (As amended by Sec. 1, Rep. Act No. 3589.)

SEC. 11. The Vice-Chairman and Executive Director shall exercise immediate control and supervision over the divisions and offices of the Board.

SEC. 12. There is hereby created the National Institute of Science and Technology, hereinafter referred to as the Institute, which shall be under the supervision of the National Science Development Board, with the following functions, powers, and duties:

(1) To implement and conduct programs of scientific and technological research and development as may be directed by the Board;

(2) To cooperate with private enterprise in research activities relating to scientific and technological problems of industry, agriculture, medicine, engineering, mathematics and the natural, biological and social sciences;

(3) To conduct studies through its research centers on industrial, agricultural, medical, biological and related fields, and to cooperate with other government agencies along these lines;

(4) To perform analyses and tests for the purpose of establishing suitable standards of products, to calibrate weights and measures, to determine the quality and composition of materials, and to issue certifications in relation thereto;

(5) To provide government entities and local industrial organizations with data of scientific and/or technological nature, subject to established laws and regulations on national security;

(6) To establish, expand, maintain and operate pilot plants, research centers, test and standard laboratories, experimental stations and documentation facilities;

(7) To study and evaluate project proposals for research and development in the industrial, agricultural, medical, biological and related fields from public and private sectors, and to recommend necessary financial, technical and other appropriate assistance thereto;

(8) To receive assignments or patents, grant exclusive rights to their use, charge and collect reasonable fees or charges for their use in accordance with the policies of the Institute;

(9) To keep posted on research projects and activities financed or assisted under this Act;

(10) To recommend deserving citizens for training, government and private grants and scholarships in the Philippines and abroad in science, other than nuclear science, technology, mathematics and science teaching; and

(11) To render annual reports and such special reports as may be requested by the Board.

SEC. 12—*a.* The National Institute of Science and Technology is authorized and empowered to charge reasonable fees in connection with all analyses and tests for purposes of establishing suitable standards, calibration of weights and measures, determination of quality and composition of materials and products, for services as referee or umpire in cases of conflicts on scientific and technical determinations where arbitration is sought, and for other analyses and tests. The Institute shall issue rules and regulations establishing scale of fees for above analyses, tests and services and such rules and regulations as the Institute may deem desirable for the collection of such fees. (As amended by Sec. 2, Rep. Act No. 3589.)

SEC. 12—*b.* All income, donations, grants, bequests and unexpended balances of the National Institute of Science and Technology shall accrue to a Fiduciary Fund, to be known as the Research Foundation Fund, which shall be expended by the commissioner thereof solely for scientific researches and investigations in the field of conventional science upon the approval and final authority of the Board, the provisions of existing laws to the contrary notwithstanding. As amended by Sec. 2, Rep. Act No. 3589.)

SEC. 13. The Institute shall be under a Commissioner and a Deputy Commissioner, both of whom shall be appointed by the President of the Philippines upon the recommenda-

tion of the Chairman of the Board, subject to the confirmation of the Commission on Appointments. Both officials shall be citizens of the Philippines with distinguished accomplishments in scientific and/or technological research and with broad administrative experience. The Commissioner shall receive an annual compensation of eighteen thousand pesos, and the Deputy Commissioner an annual compensation of fifteen thousand pesos.

SEC. 14. The Institute shall have the following divisions: the Administrative Division, the Division of Documentation, the Legal Division, and such other divisions as the Board may, upon the recommendation of the Commissioner of the Institute, deem necessary to create.

There shall also be under the control and supervision of the Institute the following centers: the Industrial Research Center, the Agricultural Research Center, The Medical Research Center, the Biological Research Center, and such other centers as may be created by the Board. Each research center shall be headed by a research director.

The President of the Philippines is hereby authorized to transfer to and place under the jurisdiction of the Institute, upon recommendation of the Board, such existing government research agencies and instrumentalities as may constitute the nucleus of the respective centers herein provided. The President may likewise, upon recommendation of the Board, reorganize and strengthen said government agencies and instrumentalities so that they may adequately function as research centers under the provisions of this Act.

The existing Institute of Nutrition under the Department of Health, together with its personnel, appropriation, supplies and equipment with all its functions and powers, is hereby transferred to the National Institute of Science and Technology, under which it shall become one of its research centers and shall function as presently organized, Reorganization Plan No. 14-A under Republic Act Numbered Nine hundred ninety-seven, as amended, notwithstanding, without prejudice to its reorganization by the President as above provided. The

said Institute of Nutrition is hereby renamed Food and Nutrition Research Center.

SEC. 15. Such technical and administrative personnel as may be necessary to carry out the functions of the Institute shall be appointed by the Chairman of the Board, upon recommendation of the Commissioner of the Institute and subject to the approval of the Board.

SEC. 16. There is hereby created the Philippine Atomic Energy Commission hereinafter referred to as the Commission, which shall be under the supervision of the Board, with the following functions, powers and duties:

- (1) To establish or cause the establishment of laboratories for nuclear research training;
- (2) To conduct or cause the performance of research and development relating to:
 - (a) nuclear processes and techniques,
 - (b) the theory of atomic energy,
 - (c) processes, materials and devices used in the production of atomic energy,
 - (d) the utilization of special nuclear material and other radioactive material for commercial, industrial, medical, biological, agricultural or other peaceful purposes;
- (3) To approve and facilitate the procurement of radioactive material and instrument for use in nuclear laboratories;
- (4) To study and evaluate project proposals on nuclear research from public and private sectors, and to recommend necessary technical, financial and other appropriate assistance thereto;
- (5) To coordinate the work of research entities and government agencies and instrumentalities on nuclear science;
- (6) To keep posted on nuclear research projects and activities financed or assisted under this Act;
- (7) To represent the Philippines in conferences related to atomic energy and its application;

(8) To recommend deserving citizens for training, government and private grants and scholarships in the Philippines and abroad in nuclear science; and

(9) To render annual reports and such special reports as may be requested by the Board. (As amended by Sec. 3, Rep. Act No. 3589.)

Sec. 16—*a.* No person may manufacture, produce, transfer, acquire, own, possess, import or export any radioactive material except in pursuance of a license issued in accordance with this Act.

The Commission is hereby authorized to regulate and license the acquisition, distribution, and use of radioactive material and for the purpose issue and promulgate such rules, regulations or orders as may be necessary depending upon the degree or importance to the health and safety of the public or to the national defense and security, of the physical characteristics, quantities and the intended use for the radioactive materials.

The Commission shall likewise issue such rules and regulations establishing such standards and instructions to govern the shipments, possession, and use of radioactive materials, and such other rules and regulations as the Commission may deem desirable, to protect health, minimize danger to life and property promote the national defense and security or otherwise protect the general public.

The Commission is authorized and empowered to charge reasonable fees in connection with the issuance of licenses: *Provided, however,* That such fees shall not exceed the reasonable cost of regulating and licensing the activities as provided herein.

The rules and regulations of the Commission shall take effect upon the publication thereof in the *Official Gazette*.
(As amended by Sec. 4, Rep. Act. No. 3589.)

Sec. 16—*b.* The Commission may sell, lease or otherwise dispose of such radioactive material, as it owns or possesses, with or without charge: *Provided, however,* That the

Commission in fixing a charge for radioactive material distributed by it shall establish such charge, on an equitable basis, as in the opinion of the Commission will (a) provide reasonable compensation to the Government for such material, and (b) will encourage research and development: *Provided, further*, that the Commission may waive any charge depending on whether the licensee is a non-profit or eleemosynary institution and on the purposes for which the radioactive material shall be used. (As amended by Sec. 4, Rep. Act No. 3589.)

SEC. 17. The Commission shall be under a Commissioner and a Deputy Commissioner, both of whom shall be appointed by the President of the Philippines upon recommendation of the Chairman of the Board, subject to the confirmation of the Commission on Appointments. Both officials shall be citizens of the Philippines with adequate administrative experience who shall have won distinction in science and/or technology and who possess sufficient background in nuclear science. Both shall pass the necessary security clearance.

The Commissioner shall receive an annual compensation of eighteen thousand pesos, and the Deputy Commissioner fifteen thousand pesos.

SEC. 18. The Commission shall have the following divisions: the Administrative Division, the Division of Training, Plans and Policies, the Research and Development Division, the Legal Division and such other divisions as the Board may, upon recommendation of the Commissioner, deem necessary to create.

The Commission shall exercise control and supervision over the activities of the Atomic Energy Research Center which is hereby created, and such other centers as may be created by the Board, upon recommendation of the Commissioner.

SEC. 19. Such technical and administrative personnel as may be necessary to carry out the functions of the Commission shall be appointed by the Chairman of the Board, upon recommendation of the Commissioner and subject to the approval of the Board.

SEC. 20. The National Research Council of the Philippines shall act as the official adviser on scientific matters to the Government of the Philippines.

The Science Foundation of the Philippines shall act as the official adviser on scientific matters to the Board.

SEC. 21. The Board and its agencies are hereby authorized to call upon other government agencies and instrumentalities for assistance and cooperation in the formulation and implementation of its policies, plans and programs.

SEC. 22. The Chairman and Vice-Chairman of the Board, the Commissioners and Deputy Commissioners of both the National Institute of Science and Technology and the Philippine Atomic Energy Commission shall not, during their continuance in office, engage in the practice of any profession, or intervene, directly or indirectly, in the management or control of any private enterprise which in any way may be affected by the functions of their office, nor shall they directly or indirectly be financially interested in any contract with the Government or any subdivision or instrumentality thereof.

SEC. 23. The Board and its agencies as well as the University of the Philippines are hereby authorized and empowered to receive grants, bequests, and donations made or given for the purpose of aiding scientific and technological investigations or establishing scholarship or professorial chairs in the fields of science, engineering and technology. Such grants, bequests and donations as well as those received by public or recognized private educational institutions, shall be tax exempt and deductible from the income tax returns of the donor upon certification of the Board, or the University of the Philippines in case it is the donee, that said grants, bequests and donations are dedicated to the purpose above-mentioned, any provision of law, rule or regulation to the contrary notwithstanding. (As amended by Sec. 5, Rep. Act No. 3589.)

SEC. 24. The Board shall promote and, in its discretion, assist in the establishment of private foundations for scientific advancement as well as specific research and develop-

ment projects by private individuals, firms and institutions. All funds contributed to the support and maintenance of such foundations and their projects as well as specific research and development projects undertaken by private individuals and educational institutions, shall be tax-exempt and deductible from the donor's income tax returns, upon certification by the Board that such foundations and funds are dedicated to scientific pursuits. All income of whatever kind and character which such foundations may derive from any of their properties, real or personal, or from their investments shall also be tax-exempt. (As amended by Sec. 6, Rep. Act No. 3589.)

SEC. 24—*a.* Any provision of existing laws to the contrary notwithstanding, apparatus, instruments, utensils, equipment, and materials may be imported into the Philippines, whether or not foreign exchange has been allocated by the Central Bank for the payment of such importations, free from all taxes and duties, upon certification of the National Science Development Board that such articles are imported solely for scientific and technological research and development and not for barter, sale or hire: *Provided*, however, That in case such articles are subsequently conveyed or transferred to other parties for a pecuniary consideration, taxes and duties shall be collected thereon at double the rate provided for under existing laws, payable by the transferor: *Provided, further*, That the Board shall promulgate the rules and regulations to implement this provision. (As amended by Sec. 7, Rep. Act No. 3589.)

SEC. 25. Any person who evades or defeats or attempts to evade or defeat, in any manner, any tax imposed by law by availing himself of the provisions of Section twenty-three or twenty-four hereof through fraud or misrepresentation or violates the rules and regulations promulgated by the Board under this Act shall be punished by a fine of not more than four thousand pesos or imprisonment for not more than one year or both, in the discretion of the Court.

In case the violator is a corporation or association the penalty shall be a fine of not more than ten thousand pesos,

without prejudice to the criminal responsibility of the member, officer or employee thereof committing such violation.

Any person who violates any provision of the rules, regulations or orders of the Commission issued pursuant to the provisions of this Act shall be punished by a fine of not more than one thousand pesos or imprisonment for not more than six months, or both, in the discretion of the court.

In case the violator is a corporation or association the penalty shall be a fine of not more than twenty thousand pesos, without prejudice to the criminal responsibility of the officer, member, or employee thereof committing such violation. (As amended by Sec. 8, Rep. Act No. 3589.)

SEC. 26. Provisions of law to the contrary notwithstanding, all officials and employees appointed under this Act, except those who belong to the clerical and janitorial classification, shall be exempt from the provisions of laws, rules and regulations on wage and position classification.

SEC. 26—*a.* The restrictive provisions of Section thirty of Republic Act Numbered Two thousand two hundred and sixty and the law on automatic compulsory retirement, as provided for in Section twelve (c) of Commonwealth Act Numbered One hundred eighty-six, as amended, shall not apply to scientists and researchers appointed and working as such: *Provided, however,* That the appointing authority concerned may terminate the services of said scientists and researchers at any time after reaching the compulsory retirement age. (As amended by Sec. 9, Rep. Act No. 3589.)

SEC. 27. There are hereby authorized to be appropriated such sums as may be necessary to carry out the provisions and purposes of this Act.

All sums heretofore appropriated or to be appropriated under section three of Republic Act Numbered One thousand six hundred and six, including the special fund known as the Scientific, Engineering and Technological Research Fund, as well as other appropriations for the National Science Board, the National Scientific and Industrial Research Institute (the former Institute of Science and Technology), the Philippine

Nuclear Energy Commission, the Institute of Nutrition and such other government agencies and instrumentalities as may be transferred to the Board pursuant to section fourteen hereof, and all appropriations for the foregoing agencies and instrumentalities under the Appropriation Act for the fiscal year 1959 are hereby re-appropriated as funds of the Board to be used in such manner as shall best insure the implementation of the objectives of this Act, subject to the provisions of section twenty-five hereof.

[The sum of six hundred thousand pesos is hereby appropriated from any available funds of the National Treasury not otherwise appropriated as additional outlay for the activities of the Board for the fiscal year nineteen hundred fifty-nine.]

SEC. 27—*a.* There shall be under the administration and control of the Commission a Fiduciary Fund to be known as the Atomic Energy Research Fund which shall accrue and pertain all the fees and charges imposed and collected by the Commission, all income, donations, bequests, grants, and unexpended balance of the Commission, which shall not, any provisions of law to the contrary notwithstanding, revert to the General Fund. The Atomic Energy Research Fund shall be devoted to and disposed of exclusively for the purpose of carrying out the research and development functions of the Commission as provided in Section sixteen of this Act, upon the approval and final authority of the Board. (As amended by Sec. 10, Rep. Act No. 3589.)

SEC. 28. Funds appropriated for the Board and its agencies shall remain available for obligation, for expenditure, and for obligation and expenditure, until expended. (As amended by Sec. 11, Rep. Act No. 3589.)

SEC. 29. All files, records, supplies, equipment, buildings, personnel, funds and unexpended balance of appropriations of the National Science Board, the National Scientific and Industrial Research Institute (the former Institute of Science and Technology), and the Philippine Nuclear Energy Commission, are hereby transferred respectively to each of

the corresponding agencies under this Act, subject to the provisions of sections ten, fifteen and nineteen hereof.

SEC. 30. Projects already initiated under the National Science Board shall be continued under the National Science Development Board.

The projects enumerated under Republic Act Numbered One thousand six hundred and six, which have not yet been initiated shall be reviewed and, if necessary, revised by the National Science Development Board which shall provide for their continuance until the end of the fiscal year nineteen hundred sixty-one.

SEC. 31. If any provision of this Act or the application of such provision to any person or circumstances is held invalid, the remainder of this Act or the application of such provision to other persons or circumstances shall not be affected thereby.

SEC. 32. This Act repeals Republic Act Numbered One thousand six hundred and six, except Section three thereof which shall continue in force as amended by Section twenty-seven hereof, Republic Act Numbered One thousand eight hundred and fifteen, except Section ten thereof which shall continue in force as amended by Section twenty-seven hereof, and such other Acts or parts of Acts which are inconsistent herewith. (As amended by Sec. 12, Rep. Act. No. 3589.)

SEC. 33. For purposes of this Act and unless otherwise indicated in the committee terms herein enumerated shall have the following meanings:

Agencies —means the National Institute of Science and Technology and the Philippine Atomic Energy Commission;

Radioactive material —means any material which spontaneously gives off ionizing radiation;

Source material —means uranium, thorium or any other material which is determined by the Commission to be source materials or ores containing one or more of the foregoing materials in such concentration as the Commission may by regulation determine from time to time;

Special nuclear materials —means plutonium, uranium, or any other material in sufficient quantity which the Commission determines to be capable of releasing substantial quantities of energy through nuclear chain reaction of the materials. (As amended by Sec. 13, Rep. Act No. 3589.)

Sec. 34. This Act shall take effect upon the Constitution of the Board but not later than thirty days after the approval hereof. (As amended by Sec. 14, Rep. Act No. 3589.)

Approved, June 13, 1958.

NOTE: The Amendatory Act, Republic Act No. 3589, took effect upon its approval on June 22, 1963.

**ACTS PROMULGATED THAT LED TO THE CREATION OF
THE NATIONAL SCIENCE DEVELOPMENT BOARD AND
OTHER SCIENTIFIC AGENCIES CREATED THEREAFTER**

The development of the NATIONAL SCIENCE DEVELOPMENT BOARD can be traced through the promulgation of the following Acts and Executive Orders:—

- Act No. 156
(July 1, 1901) —Established the Bureau of Government Laboratories under the Department of Interior.
- Act No. 1407
(Oct. 26, 1905) —Created the Bureau of Science which absorbed the Government Laboratories and the Bureau of Mines.
- Act No. 266
(Nov. 1916) —Placed the Bureau of Science under the supervision of the Department of Agriculture.
- Act No. 4007
(Effective July 1, 1933) —This Act, known as the "Reorganization Act of 1932," reorganized the Bureau of Science and some of its divisions and units were transferred to other government agencies.
- Act No. 4120
(Dec. 8, 1933) —Created the National Research Council of the Philippines.
- Act No. 2711
(July 1, 1939) —This Act, otherwise known as the "Administrative Code of the Philippines", defined the functions of the Bureau of Science as provided in Sections 1871 to 1884 thereof.
- R.A. No. 51
(Oct. 4, 1946) —Pursuant to this Act, the President of the Philippines issued Executive Order No. 94, dated October 4, 1947, changing the name of the "Bureau of Science" to "Institute of Science", and placing it under the executive supervision of the President of the Philippines.

R.A. No. 422
(Jan. 6, 1950)

—Pursuant to this Act, the President of the Philippines issued Executive Order No. 392, dated December 31, 1950, renaming the agency (Institute of Science) to "Institute of Science and Technology" and placing it under the supervision of the Office of the Economic Coordinator.

R.A. No. 770
(June 20, 1952)

—This Act created the Science Foundation of the Philippines which served as the advisory body to the Institute.

¹⁶⁰⁶
R.A. No. 2067
(~~June 13, 1958~~)
(Aug 23, 1956)

—This Act established the National Science Board under the Office of the President and made the National Scientific and Industrial Research Institute (formerly Institute of Science and Technology) one of its implementing arms.

R.A. No. 1815
(June 22, 1957)

—This Act created the Nuclear Energy Commission purposely to administer, regulate and control the use, application, and disposition of fissionable materials; it also authorized the establishment and administration of an Atomic Energy Commission.

R.A. No. 2067
(June 13, 1958)

—This Act, otherwise known as the "Science Act of 1958", created the National Science Development Board and its agencies — the NIST and the PAEC, absorbing the functions, personnel, equipment, etc. of the former NSB.

Other Republic Acts creating new scientific agencies and amending previous legislations, to wit:

- R.A. No. 2233 — "An Act amending Republic Act No. 1135 entitled, "An Act establishing the Philippine Tobacco Administration, defining its objectives, powers and functions, and for other purposes."
- R.A. No. 3083 (June 17, 1961) — "An Act to regulate the filing, processing and settlement of damage claims resulting from nuclear incidents, etc."
- R.A. No. 3589 (June 22, 1963) — "An Act amending Republic Act No. 2067, etc."
- R.A. No. 3661 (June 22, 1963) — "An Act to establish the Philippine Science High School."
- R.A. No. 3850 (June 18, 1964) — "An Act to create the Philippine Inventors Commission, etc."
- R.A. No. 3931 (June 18, 1964) — "An Act creating the National Water and Air Pollution Control Commission."
- R.A. No. 4059 (June 19, 1964) — "An Act establishing the Philippine Coconut Research Institute, etc."
- R.A. No. 4086 (June 18, 1964) — "An Act to promote the textile industries of the Philippines by exempting, under certain conditions, importations of needed raw materials, chemicals, dyestuffs and spare parts and subsequent manufacture and sale of products derived therefrom, from duties and taxes, by creating a special fund for vital research, and for other purposes."

R.A. No. 4090 — "An Act providing for state scholarships in science, arts, and letters for poor but deserving students; etc."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."

R.A. No. 4155 — "An Act to promote and strengthen the Virginia Tobacco Industry."