

Mirage Flats Irrigation District, Nebraska, amending the contract between the United States and said district dated December 28, 1950 (a) to provide for the application of \$12,642 of accumulated development period credits to reduction of presently delinquent construction charge payments and accumulated penalties thereon, (b) to reduce the thirty-eighth annual construction charge installment under said contract to \$24,890, (c) to schedule for payment in the thirty-ninth year any balance of the construction charge obligation, and (d) to include a provision whereby the scheduled annual payments will be increased or decreased in accordance with a formula reflecting economic factors pertinent to the ability of the organization to pay and the number of years allowed for full repayment will vary accordingly.

Approved August 21, 1957.

Public Law 85-161

AN ACT

To amend Public Law 815, Eighty-first Congress, relating to school construction in federally affected areas, to make its provisions applicable to Wake Island.

August 21, 1957
[H. R. 7540]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled, That section 210 (14) of the Act of September 23, 1950 (Public Law 815, Eighty-first Congress), is amended by striking out "or the Virgin Islands" and inserting "the Virgin Islands, or Wake Island".

64 Stat. 977.
20 USC 280.

Approved August 21, 1957.

Public Law 85-162

AN ACT

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.

August 21, 1957
[H. R. 8996]

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SEC. 101. AUTHORIZATION.—There is hereby authorized to be appropriated to the Atomic Energy Commission, in accordance with the provisions of section 261 a. (1) of the Atomic Energy Act of 1954, as amended, the sum of \$222,230,000 for acquisition or condemnation of any real property or any facility or for plant or facility acquisition, construction, or expansion, as follows:

AEC appropriation.
Acquisition,
etc., of property.
Ante, p. 274.

(a) RAW MATERIALS.—

1. Project 58-a-1, offsite access roads.

(b) SPECIAL NUCLEAR MATERIALS.—

1. Project 58-b-1, fabrication plant, \$5,000,000.
2. Project 58-b-2, mechanical production line, Hanford, Washington, \$1,500,000.
3. Project 58-b-3, metal treatment plant, Fernald, Ohio, \$850,000.
4. Project 58-b-4, improvements to production and supporting installations, Hanford, Washington, and Savannah River, South Carolina, \$10,000,000.
5. Project 58-b-5, additions to scrap plants, various sites, \$1,500,000.
6. Project 58-b-6, additions to gaseous diffusion plants, \$6,600,000.

7. Project 58-b-7, reduction in fire hazards—gaseous diffusion plants, Oak Ridge, Paducah, and Portsmouth, \$12,000,000.

8. Project 58-b-8, production reactor for special nuclear materials; development, design, and engineering only, \$3,000,000. The Commission shall proceed with sufficient design work, together with appropriate engineering and development work, necessary for the Commission to begin construction as soon as practicable after authorization by the Congress, of a large scale single or dual purpose reactor for the production of special nuclear materials. The Commission shall submit to the Joint Committee on Atomic Energy a report on its design for this project, including cost estimates and schedule of construction, not later than April 1, 1958.

(c) ATOMIC WEAPONS.—

1. Project 58-c-1, weapons production and development plant, \$10,000,000.

2. Project 58-c-2, weapons special component plant, \$6,000,000.

(d) ATOMIC WEAPONS.—

1. Project 58-d-1, manufacturing plant expansion, Albuquerque, New Mexico, \$3,325,000.

2. Project 58-d-2, storage site modifications, \$2,000,000.

3. Project 58-d-3, high explosive development plant, Livermore, California, \$2,100,000.

4. Project 58-d-4, engineering and laboratory building, Los Alamos, New Mexico, \$1,013,000.

5. Project 58-d-5, ventilation system replacements, Los Alamos, New Mexico, \$618,000.

6. Project 58-d-6, reclamation foundry, shop, and warehouse, Sandia Base, New Mexico, \$308,000.

7. Project 58-d-7, reactor, area III, Sandia Base, New Mexico, \$2,900,000.

8. Project 58-d-8, base construction, Nevada test site, \$350,000.

9. Project 58-d-9, base construction, Eniwetok Proving Ground, \$7,917,000.

(e) REACTOR DEVELOPMENT.—

1. Project 58-e-1, power reactor development acceleration project, \$11,500,000.

2. Project 58-e-2, Puerto Rico power reactor.

3. Project 58-e-3, fuels technology center, Argonne National Laboratory, Illinois, \$10,000,000.

4. Project 58-e-4, modifications and additions, aircraft nuclear propulsion ground test plant, area numbered 1, National Reactor Testing Station, Idaho, \$8,000,000.

5. Project 58-e-5, test installations for classified project, \$9,000,000.

6. Project 58-e-6, project Sherwood plant, \$7,750,000.

7. Project 58-e-7, waste calcination system, National Reactor Testing Station, Idaho, \$4,000,000.

8. Project 58-e-8, hot cells, \$3,500,000.

9. Project 58-e-9, high temperature test installation, Bettis plant, Pennsylvania, \$3,000,000.

10. Project 58-e-10, destroyer reactor development plant, \$750,000.

11. Project 58-e-11, sodium reactor experiment (SRE) modification, Santa Susana, California, \$4,700,000.

12. Project 58-e-12, liquid metal fuel reactor experiment (LMFRE), \$17,500,000.

13. Project 58-e-13, Argonne boiling reactor (ARBOR), National Reactor Testing Station, Idaho, \$8,500,000.

14. Project 58-e-14, natural uranium, graphite moderated, gas cooled, power reactor prototype; development, design, and engineering only, \$3,000,000. The Commission shall proceed with sufficient design work, together with appropriate engineering and development work, necessary for the Commission to begin construction as soon as practicable after authorization by the Congress, of a large scale natural uranium power reactor prototype. The Commission shall submit to the Joint Committee on Atomic Energy a report on its design for this project, including cost estimates and schedule of construction, not later than April 1, 1958.

15. Project 58-e-15, plutonium recycle experimental reactor designed for the production of 15,000 electrical kilowatt equivalent, \$15,000,000.

(f) REACTOR DEVELOPMENT.—

1. Project 58-f-1, waste storage tanks, National Reactor Testing Station, Idaho, \$3,700,000.

2. Project 58-f-2, hot pilot plant, \$2,000,000.

3. Project 58-f-3, land acquisition, National Reactor Testing Station, Idaho, \$1,000,000.

(g) PHYSICAL RESEARCH.—

1. Project 58-g-1, accelerator improvements, University of California Radiation Laboratory, California, \$875,000.

(h) PHYSICAL RESEARCH.—

1. Project 58-h-1, reactor improvements, Argonne National Laboratory, Illinois, \$380,000.

(i) BIOLOGY AND MEDICINE.—

1. Project 58-i-1, mammalian radiation injury and recovery area, Oak Ridge National Laboratory, Tennessee, \$475,000.

(j) TRAINING, EDUCATION, AND INFORMATION.—

1. Project 58-j-1, nuclear training project, Regional Nuclear Training Center, Puerto Rico, \$2,500,000.

(k) COMMUNITY.—

1. Project 58-k-1, schools, Los Alamos, New Mexico, \$965,000.

2. Project 58-k-2, housing modifications, Los Alamos, New Mexico, \$1,000,000.

3. Project 58-k-3, additional water well, Los Alamos, New Mexico, \$138,000.

(l) GENERAL PLANT PROJECTS.—\$26,016,000.

SEC. 102. LIMITATIONS.—(a) The Commission is authorized to start any project set forth in subsections 101 (b), 101 (c), 101 (e), 101 (g), and 101 (j) only if the currently estimated cost of that project does not exceed by more than 25 per centum the estimated cost set forth for that project.

(b) The Commission is authorized to start any project set forth in subsections 101 (d), 101 (f), 101 (h), 101 (i), and 101 (k) only if the currently estimated cost of that project does not exceed by more than 10 per centum the estimated cost set forth for that project.

(c) The Commission is authorized to start a project under subsection 101 (1) only if it is in accordance with the following:

1. For community operations, the maximum currently estimated cost of any project shall be \$100,000 and the maximum currently estimated cost of any building included in such project shall be \$10,000.

2. For all other programs, the maximum currently estimated cost of any project shall be \$500,000 and the maximum currently estimated cost of any building included in such a project shall be \$100,000.

3. The total cost of all projects undertaken under subsection 101 (1) shall not exceed the estimated cost set forth in that subsection by more than 10 per centum.

SEC. 103. ADVANCE PLANNING AND DESIGN.—There are hereby authorized to be appropriated funds for advance planning, construction design, and architectural services, in connection with projects which are not otherwise authorized by law, and the Atomic Energy Commission is authorized to use funds currently or otherwise available to it for such purposes.

SEC. 104. RESTORATION OR REPLACEMENT.—There are hereby authorized to be appropriated funds necessary to restore or to replace plants or facilities destroyed or otherwise seriously damaged, and the Atomic Energy Commission is authorized to use funds currently or otherwise available to it for such purposes.

SEC. 105. CURRENTLY AVAILABLE FUNDS.—In addition to the sums authorized to be appropriated to the Atomic Energy Commission by this Act, there are hereby authorized to be appropriated to the Atomic Energy Commission to accomplish the purposes of this Act such sums of money as may be currently available to the Atomic Energy Commission.

SEC. 106. SUBSTITUTIONS.—Funds authorized to be appropriated or otherwise made available by this Act may be used to start any other new project for which an estimate was not included in this Act if it be a substitute for a project authorized in subsections 101 (b), 101 (c), or 101 (d) and the estimated cost thereof is within the limit of cost of the project for which substitution is to be made, and the Commission certifies that—

(a) the project is essential to the common defense and security; and

(b) the new project is required by changes in weapon characteristics or weapon logistic operations; and

(c) it is unable to enter into a contract with any person, including a licensee, on terms satisfactory to the Commission to furnish from a privately owned plant or facility the product or services to be provided in the new project.

SEC. 107. INCREASES IN PRIOR PROJECT AUTHORIZATIONS.—(a) Public Law 141, Eighty-fourth Congress, first session, is amended as follows:

(1) By striking therefrom the figure "\$14,850,000" for project 56-b-2, fast power breeder pilot facility (EBR-II), and substituting therefor the figure "\$29,100,000"; and

(2) By striking therefrom the figure "\$4,015,000" for project 56-f-3, new Sigma Laboratory, Los Alamos, New Mexico, and substituting therefor the figure "\$5,100,000".

(b) Public Law 506, Eighty-fourth Congress, second session, is amended as follows:

(1) By striking therefrom the figure "\$15,000,000" for project 57-d-1, high energy accelerator, and substituting therefor the figure "\$27,000,000"; and

69 Stat. 291.

70 Stat. 127.

(2) By striking therefrom the figure "\$350,000" for project 57-h-5, cosmotron target area, Brookhaven National Laboratory, and substituting therefor the figure "\$3,550,000".

SEC. 108. PROJECT RESCISSIONS.—(a) Public Law 141, Eighty-fourth Congress, first session, is amended by rescinding therefrom authorization for certain projects, except for funds heretofore obligated, as follows:

69 Stat. 291.

Project 56-b-1, power reactor development acceleration project, \$25,000,000;

Project 56-d-1, metallex pilot facility, Oak Ridge National Laboratory, \$1,000,000;

Project 56-d-3, special reactor facilities equipment, Hanford, Washington, \$5,600,000;

Project 56-d-5, conversion of pilot plant and facility to production plant and facility, Fernald, Ohio, \$600,000;

Project 56-d-8, expansion of metal recovery facility, Oak Ridge National Laboratory, \$370,000;

Project 56-f-1, art construction project, fiscal year 1956 increment, \$17,873,000;

Project 56-f-2, expansion of weapons material fabrication plant and facility, \$15,000,000;

Project 56-g-2, reactor training school, Argonne National Laboratory, \$712,000;

Project 56-g-3, chemistry cave for radioactive materials, Argonne National Laboratory, \$448,000; and

Project 56-g-7, research reactors for the development of peacetime uses of atomic energy under Agreements for Cooperation, \$5,000,000.

(b) Public Law 506, Eighty-fourth Congress, second session, is amended by rescinding therefrom authorization for certain projects, except for funds heretofore obligated, as follows:

70 Stat. 127.

Project 57-a-1, additional feed materials, plant, \$22,200,000;

Project 57-a-8, chemical processing facility, St. Louis, Missouri, \$1,600,000;

Project 57-a-9, barrier plant automation, Oak Ridge, Tennessee, \$1,400,000;

Project 57-a-10, reactor temperature test installation, Hanford, Washington, \$900,000;

Project 57-a-11, improvements to reactor cooling water effluent system, Hanford, Washington, \$550,000;

Project 57-a-12, fuel element heat-treating plant, Fernald, Ohio, \$500,000;

Project 57-c-10, amended reactor development project, \$15,000,000;

Project 57-f-6, manufacturing support plant, Kansas City, Missouri, \$444,000; and

Project 57-f-8, mechanical shop additions, Livermore, California, \$300,000.

SEC. 109. EXPENSES FOR MOVE TO NEW PRINCIPAL OFFICE.—(a) The Commission is authorized to use its funds for the following purposes in order to facilitate retention and relocation of Commission headquarters employees in the course of and following establishment of a new principal office outside the District of Columbia, and without limitation on the Commission's authority under existing law, as follows:

60 Stat. 806.
5 USC 73b-1.

(1) Allowance and payment for travel and transportation authorized by section 1 of the Administrative Expenses Act of 1946, as amended, in connection with the relocation of residence occurring after July 29, 1955, prior to the effective date of the employee's change of official station: *Provided, however,* That each employee who received payments under the Administrative Expenses Act of 1946, as amended, prior to his change of official station shall be obligated to reimburse the amount thereof to the Government as a debt due the United States if he separates from Commission employ, other than for reasons beyond his control or otherwise acceptable to the Commission, prior to the effective date of the employee's change of official station.

(2) Until the move to the new principal office is effected, providing or arranging for commuting transportation to present Commission offices in Washington, District of Columbia, for employees, including those of other agencies who are assigned to full time duty at Commission headquarters, recruited from, or who have relocated their residences in, the area of the new headquarters, to the extent necessary and at such charge as to assure an adequate work force for the new principal office where this purpose cannot be achieved by ordinary transportation.

(3) Following the move to the new principal office, providing or arranging for commuting transportation for Commission employees and employees of other agencies who are assigned to full time duty at Commission headquarters to and from the new headquarters site to the extent necessary and at such charge as to assure an adequate work force where this purpose cannot be achieved by ordinary transportation.

(4) Funds in an amount not to exceed \$75,000 are authorized for purposes of subsections (2) and (3).

(b) Other departments and agencies of Government are authorized, without limitation upon their authority under existing law, to use funds available to them to make allowances and payments to their civilian officers and employees who are assigned to full time duty at Commission headquarters prior to the time of the move to the new principal office, such allowances and payments to be in accordance with the provisions of subsection a. (1) of this section.

SEC. 110. PROTOTYPE POWER REACTOR FACILITIES.—(a) The Commission shall proceed with the design engineering, and construction under contract, as soon as practicable, of the prototype power reactor facility authorized by section 101 for project 58-e-15 at an installation operated by or on behalf of the Commission and the electric energy generated shall be used by the Commission in connection with the operation of such installation.

(b) In the conduct of the work under this section the Commission is authorized to obtain the participation of private, cooperative, or public power organizations to the fullest extent consistent with Commission direction of the project, ownership of the reactor, and utilization of the electric energy generated.

(c) The prototype power reactor facility constructed under this section shall be operated by, or under contract with, the Commission for such period of time as the Commission determines to be advisable for research and development purposes and for such additional periods as the Commission may determine to be necessary for national defense purposes and for the purposes of subsection (a) of this section. Upon the expiration of the prototype reactor operation as determined by the Commission in accordance with this subsection, the Commission shall dismantle the reactor and its appurtenances.

SEC. 111. COOPERATIVE POWER REACTOR DEMONSTRATION PROGRAM.—

(a) There is hereby authorized to be appropriated to the Atomic Energy Commission, in accordance with the provisions of section 261 a. (2) of the Atomic Energy Act of 1954, as amended, the sum of \$129,915,000 for use in a program not to exceed \$149,915,000, subject to the following conditions:

Ante, p. 274.

Conditions.

(1) Arrangements for projects sponsored under the Second Round of the Commission's power reactor demonstration programs by cooperatives and publicly owned agencies under which the reactor is financed in major part by the Commission and is to be owned by the Federal Government shall be carried on by direct contract between the Commission and the equipment manufacturer or engineering organization with respect to the development, design, and construction of the reactor and related facilities, and by direct contract between the Commission and the cooperative or publicly owned organization with respect to the provision of a site and conventional turbogenerating facilities, the operation of the entire plant including training of personnel, the sale by the Commission of steam from the reactor complex to the cooperative or publicly owned organization, and other relevant matters. Sale of steam by the Commission under contract with the cooperative or publicly owned organization shall be at rates based upon the present cost of, or the projected cost of, comparable steam from a plant using conventional fuels at such locations. Projects covered under this subsection shall be operated under contract with the Commission for such period of time as the Commission determines to be advisable for research and development purposes but in no event to exceed ten years. Upon the expiration of such period the Commission shall offer the reactor and its appurtenances for sale to the cooperative or publicly owned agency at a price to reflect appropriate depreciation but not to include construction costs assignable to research and development. In the event the cooperative or publicly owned agency elects not to purchase the reactor and its appurtenances, the Commission shall dismantle them.

(2) Funds in the amount of \$1,500,000 may be expended for research and development in Commission laboratories to advance the technology of the fast breeder reactor concept.

(3) The date for approving proposals under the third round of the power demonstration reactor program shall be no later than December 31, 1958, and no funds authorized for the third round shall be expended on projects approved under the first or second rounds of such program or on other nuclear power projects already under construction.

(b) Before the Commission enters into any arrangement (including contract, agreement, and loan) or amendment thereto, the basis of which has not been included in the program justification data previously submitted to the Joint Committee on Atomic Energy in support of authorization legislation approved in accordance with the provisions of section 261 a. (2) of the Atomic Energy Act of 1954, as amended, and which involves appropriations authorized by subsection (a) of this section, the basis for the arrangement or amendment thereto which the Commission proposes to execute (including the name of the proposed contractor or party with whom the arrangement is to be made, a general description of the proposed reactor, the estimated amount of the assistance to be provided under section 261 a. (2), the estimated cost to be incurred by the contractor or other party, and the general features of the proposed arrangement or amendment) shall be submitted to the Joint Committee, and a period of forty-five

Ante, p. 274.

Reports to Congress.

days shall elapse while Congress is in session (in computing such forty-five days, there shall be excluded the days on which either House is not in session because of adjournment for more than three days): *Provided, however*, That the Joint Committee after having received the basis for a proposed arrangement, or amendment thereto, may by resolution in writing waive the conditions of or all or any portion of such forty-five-day period: *Provided further*, That such arrangement or amendment shall be entered into in accordance with the program justification data described above and the basis for the arrangement or amendment submitted as provided herein: *And provided further*, That no basis for a particular arrangement or amendment thereto need be resubmitted to the Joint Committee for the sole reason that the estimated amount of assistance provided for therein exceeds the estimated amount of assistance previously submitted to the Joint Committee by not more than 15 per centum.

70 Stat. 553.
42 USC 2201.

SEC. 201. Section 161 e. of the Atomic Energy Act of 1954, as amended, is amended by adding after the words "adjusted terms which" in the proviso thereof, the following: "(at the time of the initial grant of any privilege grant, lease, or permit, or renewal thereof, or in order to avoid inequities or undue hardship prior to the sale by the United States of property affected by such grant)".

69 Stat. 474.
42 USC 2325.

SEC. 202. Section 35 of the Atomic Energy Community Act of 1955, as amended, is amended by adding thereto:

70 Stat. 553.
42 USC 2201.

"c. The appraised value of the Government's interest in commercial property shall, in the cases where renegotiation of the lease is requested by the lessee under the provisions of section 161 e. of the Atomic Energy Act of 1954, as amended, be based upon the renegotiated lease if any is agreed on. Where such renegotiations are requested, the sales proceedings shall not be initiated until the completion of the renegotiation."

Report to Congress.

SEC. 203. The Atomic Energy Commission, the Federal Housing Administration, and the Housing and Home Finance Agency shall report to the Joint Committee by January 31, 1958, with respect to the renegotiations, reappraisals, and sales proceedings authorized under sections 201 and 202 of this Act.

70 Stat. 1069.
42 USC 2201.

SEC. 204. Section 161 of the Atomic Energy Act of 1954, as amended, is amended by adding the following new subsection:

"s. Under such regulations and for such periods and at such prices the Commission may prescribe, the Commission may sell or contract to sell to purchasers within Commission-owned communities or in the immediate vicinity of the Commission community, as the case may be, any of the following utilities and related services, if it is determined that they are not available from another local source and that the sale is in the interest of the national defense or in the public interest:

- "(1) Electric power.
- "(2) Steam.
- "(3) Compressed air.
- "(4) Water.
- "(5) Sewage and garbage disposal.
- "(6) Natural, manufactured, or mixed gas.
- "(7) Ice.
- "(8) Mechanical refrigeration.
- "(9) Telephone service.

"Proceeds of sales under this subsection shall be credited to the appropriation currently available for the supply of that utility or service. To meet local needs the Commission may make minor expansions and extensions of any distributing system or facility within or in the immediate vicinity of a Commission-owned community through which a utility or service is furnished under this subsection."

Approved August 21, 1957.