

provide for the training of mineral engineers and scientists through such research, investigations, demonstrations, and experiments. The subject of such research, investigation, demonstration, experiment, and training may include exploration; extraction; processing; development; production of fuel and nonfuel mineral resources; mining and mineral technology; supply and demand for minerals; conservation and best use of available supplies of minerals; the economic, legal, social, engineering, recreational, biological, geographic, ecological, and other aspects of mining, mineral resources, and mineral reclamation. Such research, investigation, demonstration, experiment and training shall consider the interrelationship with the natural environment, the varying conditions and needs of the respective States, and mining and mineral resources research projects being conducted by agencies of the Federal and State governments and other institutes.

(Pub. L. 98-409, §1, Aug. 29, 1984, 98 Stat. 1536; Pub. L. 100-483, §§2-4, Oct. 12, 1988, 102 Stat. 2339.)

CODIFICATION

Section was enacted as part of the Mining and Mineral Resources Research Institute Act of 1984, and not as part of the Surface Mining Control and Reclamation Act of 1977 which comprises this chapter.

PRIOR PROVISIONS

A prior section 1221, Pub. L. 95-87, title III, §301, Aug. 3, 1977, 91 Stat. 451, contained provisions similar to this section covering fiscal years 1978 through 1984.

AMENDMENTS

1988—Subsec. (a)(1). Pub. L. 100-483, §2, substituted “\$400,000 for each of the fiscal years ending September 30, 1990, through September 30, 1994” for “\$300,000 for the fiscal year ending September 30, 1985, and \$400,000 to each participating State for each fiscal year thereafter for a total of five years”.

Subsec. (a)(2)(A). Pub. L. 100-483, §3, amended subpar. (A) generally. Prior to amendment, subpar. (A) read as follows: “Funds appropriated under this section shall be made available for grants to be matched on a basis of no less than one and one-half non-Federal dollars for each Federal dollar during the fiscal years ending September 30, 1985, and September 30, 1986, and no less than two non-Federal dollars for each Federal dollar during the fiscal years ending September 30, 1987, September 30, 1988, and September 30, 1989.”

Subsec. (b). Pub. L. 100-483, §4, substituted “production of fuel and nonfuel mineral resources” for “production of mineral resources”.

SHORT TITLE

For short title of Pub. L. 98-409, which enacted this subchapter, as the Mining and Mineral Resources Institutes Act, see section 11 of Pub. L. 98-409, as amended, set out as a note under section 1201 of this title.

§ 1222. Research funds to institutes

(a) Authorization of appropriations

There is authorized to be appropriated to the Secretary not more than \$15,000,000 for each of the fiscal years ending September 30, 1990, through September 30, 1994, which shall remain available until expended. Such funds when appropriated shall be made available to an institute or to institutes participating in a generic mineral technology center to meet the necessary expenses for purposes of—

(1) specific mineral research and demonstration projects of broad application, which could not otherwise be undertaken, including the expenses of planning and coordinating regional mining and mineral resources research projects by two or more institutes; and

(2) research into any aspects of mining and mineral resources problems related to the mission of the Department of the Interior, which are deemed by the Committee to be desirable and are not otherwise being studied.

There is authorized to be appropriated to the Secretary not more than \$1,800,000 for each of the fiscal years after fiscal year 1996 to be made available by the Secretary to an institute or institutes experienced in investigating the continental shelf regions of the United States, the deep seabed and near shore environments of islands, and the Arctic and cold water regions as a source for nonfuel minerals. Such funds are to be used by the institute or institutes to assist in developing domestic technological capabilities required for the location of, and the efficient and environmentally sound recovery of, minerals (other than oil and gas) from the Nation's shallow and deep seabed.

(b) Application for funds; contents

Each application for funds under subsection (a) of this section shall state, among other things, the nature of the project to be undertaken; the period during which it will be pursued; the qualifications of the personnel who will direct and conduct it; the estimated costs; the importance of the project to the Nation, region, or State concerned; its relation to other known research projects theretofore pursued or being pursued; the extent to which the proposed project will provide opportunity for the training of mining and mineral engineers and scientists; and the extent of participation by nongovernmental sources in the project.

(c) Research facilities; selection of institutes; designation of funds for scholarships and fellowships

The Committee shall review all such funding applications and recommend to the Secretary the use of the institutes, insofar as practicable, to perform special research. Recommendations shall be made without regard to the race, religion, or sex of the personnel who will conduct and direct the research, and on the basis of the facilities available in relation to the particular needs of the research project; special geographic, geologic, or climatic conditions within the immediate vicinity of the institute; any other special requirements of the research project; and the extent to which such project will provide an opportunity for training individuals as mineral engineers and scientists. The Committee shall recommend to the Secretary the designation and utilization of such portions of the funds authorized to be appropriated by this section as it deems appropriate for the purpose of providing scholarships, graduate fellowships, and postdoctoral fellowships.

(d) Requirements for receipt of funds

No funds shall be made available under subsection (a) of this section except for a project approved by the Secretary and all funds shall be

made available upon the basis of merit of the project, the need for the knowledge which it is expected to produce when completed, and the opportunity it provides for the training of individuals as mineral engineers and scientists.

(e) Restriction on application of funds

No funds made available under this section shall be applied to the acquisition by purchase or lease of any land or interests therein, or the rental, purchase, construction, preservation, or repair of any building.

(Pub. L. 98-409, §2, Aug. 29, 1984, 98 Stat. 1537; Pub. L. 100-483, §5, Oct. 12, 1988, 102 Stat. 2339; Pub. L. 104-312, §1(a), Oct. 19, 1996, 110 Stat. 3819.)

CODIFICATION

Section was enacted as part of the Mining and Mineral Resources Research Institute Act of 1984, and not as part of the Surface Mining Control and Reclamation Act of 1977 which comprises this chapter.

PRIOR PROVISIONS

A prior section 1222, Pub. L. 95-87, title III, §302, Aug. 3, 1977, 91 Stat. 452, contained provisions similar to this section covering fiscal years 1978 through 1984.

AMENDMENTS

1996—Subsec. (a). Pub. L. 104-312 inserted at end “There is authorized to be appropriated to the Secretary not more than \$1,800,000 for each of the fiscal years after fiscal year 1996 to be made available by the Secretary to an institute or institutes experienced in investigating the continental shelf regions of the United States, the deep seabed and near shore environments of islands, and the Arctic and cold water regions as a source for nonfuel minerals. Such funds are to be used by the institute or institutes to assist in developing domestic technological capabilities required for the location of, and the efficient and environmentally sound recovery of, minerals (other than oil and gas) from the Nation’s shallow and deep seabed.”

1988—Subsec. (a). Pub. L. 100-483, in introductory provisions, substituted “not more than \$15,000,000 for each of the fiscal years ending September 30, 1990, through September 30, 1994” for “\$10,000,000 for the fiscal year ending September 30, 1985. This amount shall be increased by \$1,000,000 for each fiscal year thereafter for four additional years” and “an institute or to institutes participating in a generic mineral technology center” for “institutes”.

§ 1223. Funding criteria

(a) Funds available to institutes under sections 1221 and 1222 of this title shall be paid at such times and in such amounts during each fiscal year as determined by the Secretary, and upon vouchers approved by him. Each institute shall—

(1) set forth its plan to provide for the training of individuals as mineral engineers and scientists under a curriculum appropriate to the field of mineral resources and mineral engineering and related fields;

(2) set forth policies and procedures which assure that Federal funds made available under this subchapter for any fiscal year will supplement and, to the extent practicable, increase the level of funds that would, in the absence of such Federal funds, be made available for purposes of this subchapter, and in no case supplant such funds; and

(3) have an officer appointed by its governing authority who shall receive and account

for all funds paid under the provisions of this subchapter and shall make an annual report to the Secretary on or before the first day of September of each year, on work accomplished and the status of projects underway, together with a detailed statement of the amounts received under any provisions of this subchapter during the preceding fiscal year, and of its disbursements on schedules prescribed by the Secretary.

If any of the funds received by the authorized receiving officer of any institute under the provisions of this subchapter shall by any action or contingency be found by the Secretary to have been improperly diminished, lost, or misapplied, such funds shall be replaced by the State concerned and until so replaced no subsequent appropriation shall be allotted or paid to any institute of such State.

(b) The institutes are authorized and encouraged to plan and conduct programs under this subchapter in cooperation with each other and with such other agencies and individuals as may contribute to the solution of the mining and mineral resources problems involved. Moneys appropriated pursuant to this subchapter shall be available for paying the necessary expenses of planning, coordinating, and conducting such cooperative research.

(Pub. L. 98-409, §3, Aug. 29, 1984, 98 Stat. 1538.)

CODIFICATION

Section was enacted as part of the Mining and Mineral Resources Research Institute Act of 1984, and not as part of the Surface Mining Control and Reclamation Act of 1977 which comprises this chapter.

PRIOR PROVISIONS

A prior section 1223, Pub. L. 95-87, title III, §303, Aug. 3, 1977, 91 Stat. 453, contained provisions similar to this section covering fiscal years 1978 through 1984.

§ 1224. Duties of Secretary

(a) Consulting with other agencies; prescribing rules and regulations; furnishing advice and assistance; coordinating research

The Secretary, acting through the Director of the United States Bureau of Mines, shall administer this subchapter and, after full consultation with other interested Federal agencies, shall prescribe such rules and regulations as may be necessary to carry out its provisions. The Secretary shall furnish such advice and assistance as will best promote the purposes of this subchapter, shall participate in coordinating research initiated under this subchapter by the institutes, shall indicate to them such lines of inquiry that seem most important, and shall encourage and assist in the establishment and maintenance of cooperation by and between the institutes and between them and other research organizations, the United States Department of the Interior, and other Federal establishments.

(b) Annual ascertainment of compliance

On or before the first day of July in each year beginning after August 29, 1984, the Secretary shall ascertain whether the requirements of section 1223(a) of this title have been met as to each institute and State.

(Pub. L. 98-409, §4, Aug. 29, 1984, 98 Stat. 1538; Pub. L. 100-483, §6, Oct. 12, 1988, 102 Stat. 2340;