

plan in any suit or judicial review pursuant to section 23 of this Act, unless found to be arbitrary or capricious.

(e) The Secretary is authorized to enter into cooperative agreements with affected States for purposes which are consistent with this Act and other applicable Federal law. Such agreements may include, but need not be limited to, the sharing of information (in accordance with the provisions of section 26 of this Act), the joint utilization of available expertise, the facilitating of permitting procedures, joint planning and review, and the formation of joint surveillance and monitoring arrangements to carry out applicable Federal and State laws, regulations, and stipulations relevant to outer Continental Shelf operations both onshore and offshore.

[43 U.S.C. 1345]

SEC. 20. ENVIRONMENTAL STUDIES.—(a)(1) The Secretary shall conduct a study of any area or region included in any oil and gas lease sale or other lease in order to establish information needed for assessment and management of environmental impacts on the human, marine, and coastal environments of the outer Continental Shelf and the coastal areas which may be affected by oil and gas or other mineral development in such area or region.

(2) Each study required by paragraph (1) of this subsection shall be commenced not later than six months after the date of enactment of this section with respect to any area or region where a lease sale has been held or announced by publication of a notice of proposed lease sale before such date of enactment, and not later than six months prior to the holding of a lease sale with respect to any area or region where no lease sale has been held or scheduled before such date of enactment. In the case of an agreement under section 8(k)(2), each study required by paragraph (1) of this subsection shall be commenced not later than 6 months prior to commencing negotiations for such agreement or the entering into the memorandum of agreement as the case may be. The Secretary may utilize information collected in any study prior to such date of enactment.

(3) In addition to developing environmental information, any study of an area or region, to the extent practicable, shall be designed to predict impacts on the marine biota which may result from chronic low level pollution or large spills associated with outer Continental Shelf production, from the introduction of drill cuttings and drilling muds in the area, and from the laying of pipe to serve the offshore production area, and the impacts of development offshore on the affected and coastal areas.

(b) Subsequent to the leasing and developing of any area or region, the Secretary shall conduct such additional studies to establish environmental information as he deems necessary and shall monitor the human, marine, and coastal environments of such area or region in a manner designed to provide time-series and data trend information which can be used for comparison with any previously collected data for the purpose of identifying any significant changes in the quality and productivity of such environments, for establishing trends in the areas studied and monitored, and for designing experiments to identify the causes of such changes.

(c) The Secretary shall, by regulation, establish procedures for carrying out his duties under this section, and shall plan and carry out such duties in full cooperation with affected States. To the extent that other Federal agencies have prepared environmental impact statements, are conducting studies, or are monitoring the affected human, marine, or coastal environment, the Secretary may utilize the information derived therefrom in lieu of directly conducting such activities. The Secretary may also utilize information obtained from any State or local government, or from any person, for the purposes of this section. For the purpose of carrying out his responsibilities under this section, the Secretary may by agreement utilize, with or without reimbursement, the services, personnel, or facilities of any Federal, State, or local government agency.

(d) The Secretary shall consider available relevant environmental information in making decisions (including those relating to exploration plans, drilling permits, and development and production plans), in developing appropriate regulations and lease conditions, and in issuing operating orders.

(e) As soon as practicable after the end of every 3 fiscal years, the Secretary shall submit to the Congress and make available to the general public an assessment of the cumulative effect of activities conducted under this Act on the human, marine, and coastal environments.

(f) In executing his responsibilities under this section, the Secretary shall, to the maximum extent practicable, enter into appropriate arrangements to utilize on a reimbursable basis the capabilities of the Department of Commerce. In carrying out such arrangements, the Secretary of Commerce is authorized to enter into contract or grants with any person, organization, or entity with funds appropriated to the Secretary of the Interior pursuant to this Act.

[43 U.S.C. 1346]

SEC. 21. SAFETY REGULATIONS.—(a) Upon the date of enactment of this section, the Secretary and the Secretary of the Department in which the Coast Guard is operating shall, in consultation with each other and, as appropriate, with the heads of other Federal departments and agencies, promptly commence a joint study of the adequacy of existing safety and health regulations and of the technology, equipment, and techniques available for the exploration, development, and production of the minerals of the outer Continental Shelf. The results of such study shall be submitted to the President who shall submit a plan to the Congress of his proposals to promote safety and health in the exploration, development, and production of the minerals of the outer Continental Shelf.

(b) In exercising their respective responsibilities for the artificial islands, installations, and other devices referred to in section 4(a)(1) of this Act, the Secretary, and the Secretary of the Department in which the Coast Guard is operating, shall require, on all new drilling and production operations and, wherever practicable, on existing operations, the use of the best available and safest technologies which the Secretary determines to be economically feasible, wherever failure of equipment would have a significant effect on safety, health, or the environment, except where the Secretary