

licensee, or permittee must correct a deficiency, if such correction has not been made before such day.

(b) Administrative review of proposed denial, suspension, modification, or revocation

Any applicant, licensee, or permittee, as the case may be, who makes a timely request under subsection (a) for review of a denial of issuance or transfer, or a suspension or revocation, of a license for exploration or permit for commercial recovery, or a suspension or modification of particular activities under such a license or permit, is entitled to an adjudication on the record after an opportunity for an agency hearing with respect to such denial or suspension, revocation, or modification.

(c) Effect on activities; emergency orders

The issuance of any notice of proposed suspension or revocation of a license for exploration or permit for commercial recovery or proposed suspension or modification of particular activities under such a license or permit shall not affect the continuation of exploration or commercial recovery activities by the licensee or permittee. The provisions of paragraphs (3) and (4) of subsection (a) and the first sentence of this subsection shall not apply when the President determines by Executive order that an immediate suspension of a license for exploration or permit for commercial recovery, or immediate suspension or modification of particular activities under such a license or permit, is necessary for the reasons set forth in subsection (a)(2)(B), or the Administrator determines that an immediate suspension of such a license or permit, or immediate suspension or modification of particular activities under such a license or permit, is necessary to prevent a significant adverse effect on the environment or to preserve the safety of life and property at sea, and the Administrator issues an emergency order requiring such immediate suspension.

(d) Judicial review

Any determination of the Administrator, after any appropriate administrative review under subsection (b), to certify or deny certification of an application for the issuance or transfer of, or to issue, deny issuance of, transfer, deny the transfer of, modify, renew, suspend, or revoke any license for exploration or permit for commercial recovery, or suspend or modify particular activities under such a license or permit, or any immediate suspension of such a license or permit, or immediate suspension or modification of particular activities under such a license or permit, pursuant to subsection (c), is subject to judicial review as provided in chapter 7 of title 5.

(Pub. L. 96-283, title I, §106, June 28, 1980, 94 Stat. 565.)

§ 1417. Duration of licenses and permits

(a) Duration of a license

Each license for exploration shall be issued for a period of 10 years. If the licensee has substantially complied with the license and the exploration plan associated therewith and has requested extensions of the license, the Adminis-

trator shall extend the license on terms, conditions, and restrictions consistent with this chapter and the regulations issued under this chapter for periods of not more than 5 years each.

(b) Duration of a permit

Each permit for commercial recovery shall be issued for a term of 20 years and for so long thereafter as hard mineral resources are recovered annually in commercial quantities from the area to which the recovery plan associated with the permit applies. The permit of any permittee who is not recovering hard mineral resources in commercial quantities at the end of 10 years shall be terminated; except that the Administrator shall for good cause shown, including force majeure, adverse economic conditions, unavoidable delays in construction, major unanticipated vessel repairs that prevent the permittee from conducting commercial recovery activities during an annual period, or other circumstances beyond the control of the permittee, extend the 10-year period, but not beyond the initial 20-year term of the permit.

(Pub. L. 96-283, title I, §107, June 28, 1980, 94 Stat. 567.)

§ 1418. Diligence requirements

(a) In general

The exploration plan or recovery plan and the terms, conditions, and restrictions of each license and permit issued under this subchapter shall be designed to assure diligent development. Each licensee shall pursue diligently the activities described in the exploration plan of the licensee, and each permittee shall pursue diligently the activities described in the recovery plan of the permittee.

(b) Expenditures

Each license shall require such periodic reasonable expenditures for exploration by the licensee as the Administrator shall establish, taking into account the size of the area of the deep seabed to which the exploration plan associated with the license applies and the amount of funds which is estimated by the Administrator to be required for commercial recovery of hard mineral resources to begin within the time limit established by the Administrator. Such required expenditures shall not be established at a level which would discourage exploration by persons with less costly technology than is prevalent in use.

(c) Commercial recovery

Once commercial recovery is achieved, the Administrator shall, within reasonable limits and taking into consideration all relevant factors, require the permittee to maintain commercial recovery throughout the period of the permit; except that the Administrator shall for good cause shown, including force majeure, adverse economic conditions, or other circumstances beyond the control of the permittee, authorize the temporary suspension of commercial recovery activities. The duration of such a suspension shall not exceed one year at any one time, unless the Administrator determines that conditions justify an extension of the suspension.

(Pub. L. 96-283, title I, §108, June 28, 1980, 94 Stat. 567.)

§ 1419. Protection of the environment

(a) Environmental assessment

(1) Deep ocean mining environmental study (DOMES)

The Administrator shall expand and accelerate the program assessing the effects on the environment from exploration and commercial recovery activities, including seabased processing and the disposal at sea of processing wastes, so as to provide an assessment, as accurate as practicable, of environmental impacts of such activities for the implementation of subsections (b), (c), and (d).

(2) Supporting ocean research

The Administrator also shall conduct a continuing program of ocean research to support environmental assessment activity through the period of exploration and commercial recovery authorized by this chapter. The program shall include the development, acceleration, and expansion, as appropriate, of studies of the ecological, geological, and physical aspects of the deep seabed in general areas of the ocean where exploration and commercial development under the authority of this chapter are likely to occur, including, but not limited to—

(A) natural diversity of the deep seabed biota;

(B) life histories of major benthic, mid-water, and surface organisms most likely to be affected by commercial recovery activities;

(C) long- and short-term effects of commercial recovery on the deep seabed biota; and

(D) assessment of the effects of seabased processing activities.

Within 160 days after June 28, 1980, the Administrator shall prepare a plan to carry out the program described in this subsection, including necessary funding levels for the next five fiscal years, and shall submit the plan to the Congress.

(b) Terms, conditions, and restrictions

Each license and permit issued under this subchapter shall contain such terms, conditions, and restrictions, established by the Administrator, which prescribe the actions the licensee or permittee shall take in the conduct of exploration and commercial recovery activities to assure protection of the environment. The Administrator shall require in all activities under new permits, and wherever practicable in activities under existing permits, the use of the best available technologies for the protection of safety, health, and the environment wherever such activities would have a significant effect on safety, health, or the environment, except where the Administrator determines that the incremental benefits are clearly insufficient to justify the incremental costs of using such technologies. Before establishing such terms, conditions, and restrictions, the Administrator shall consult with the Administrator of the Environmental Protection Agency, the Secretary of State, and the Secretary of the department in which the Coast Guard is operating, concerning such terms, con-

ditions, and restrictions, and the Administrator shall take into account and give due consideration to the information contained in each final environmental impact statement prepared with respect to such license or permit pursuant to subsection (d).

(c) Programmatic environmental impact statement

(1) If the Administrator, in consultation with the Administrator of the Environmental Protection Agency and with the assistance of other appropriate Federal agencies, determines that a programmatic environmental impact statement is required, the Administrator shall, as soon as practicable after June 28, 1980, with respect to the areas of the oceans in which any United States citizen is expected to undertake exploration and commercial recovery under the authority of this chapter—

(A) prepare and publish draft programmatic environmental impact statements which assess the environmental impacts of exploration and commercial recovery in such areas;

(B) afford all interested parties a reasonable time after such dates of publication to submit comments to the Administrator on such draft statements; and

(C) thereafter prepare (giving full consideration to all comments submitted under subparagraph (B)) and publish final programmatic environmental impact statements regarding such areas.

(2) With respect to the area of the oceans in which exploration and commercial recovery by any United States citizen will likely first occur under the authority of this chapter, the Administrator shall prepare a draft and final programmatic environmental impact statement as required under paragraph (1), except that—

(A) the draft programmatic environmental impact statement shall be prepared and published as soon as practicable but not later than 270 days (or such longer period as the Administrator may establish for good cause shown) after June 28, 1980; and

(B) the final programmatic environmental impact statement shall be prepared and published within 180 days (or such longer period as the Administrator may establish for good cause shown) after the date on which the draft statement is published.

(d) Environmental impact statements on issuance of licenses and permits

The issuance of, but not the certification of an application for, any license or permit under this subchapter shall be deemed to be a major Federal action significantly affecting the quality of the human environment for purposes of section 4332 of title 42. In preparing an environmental impact statement pursuant to this subsection, the Administrator shall consult with the agency heads referred to in subsection (b) and shall take into account, and give due consideration to, the relevant information contained in any applicable studies and any other environmental impact statement prepared pursuant to this section. Each draft environmental impact statement prepared pursuant to this subsection shall be published, with the terms, conditions, and restric-