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surface mining of, such minerals, adequate measures be taken to avoid, minimize, or correct damage to the environment—land, water, and air—and to avoid, minimize, or correct hazards to the public health and safety. The regulations in this part prescribe procedures to that end.

§216.2 Scope.

(a) Except as provided in paragraph (b) of this section, the regulations in this part provide for the protection and conservation of nonmineral resources during operations for the discovery, development, surface mining, and onsite processing of minerals under permits or leases issued pursuant to statutes pertaining to Indian lands including but not limited to the following statutes or amendments thereto:

The Act of June 28, 1906 (34 Stat. 539);

The Act of May 27, 1908 (35 Stat. 312);

The Act of March 3, 1909 (35 Stat. 781, 25 U.S.C. 396);

The Act of May 1, 1936 (49 Stat. 1250);

The Act of June 26, 1936 (49 Stat. 1967);

The Act of May 11, 1939 (52 Stat. 347, 25 U.S.C. 396a–f, and 5 U.S.C. 301).

(b) The regulations in this part do not cover the exploration for oil and gas or the issuance of leases, or operations thereunder, nor minerals underlying lands, the surface of which is not owned by the owner of the minerals.

(c) The regulations in this part shall apply only to permits or leases issued subsequent to the date on which these regulations become effective and which are subject to the approval of the Secretary of the Interior or his designated representative.

§216.3 Definitions.

As used in the regulations in the part:

(a) *Superintendent* means the superintendent or other officer of the Bureau of Indian Affairs having jurisdiction under delegated authority, over the lands involved.

(b) *Mining supervisor* means the Regional Mining Supervisor, or his authorized representative, of the Geological Survey authorized as provided in 30 CFR 211.3 and 231.2 to supervise operations on the land covered by a permit or lease.

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(c) *Overburden* means all the earth and other materials which lie above a natural deposit of minerals and such earth and other materials after removal from their natural state in the process of mining.

(d) *Area of land to be affected or area of land affected* means the area of land from which overburden is to be or has been removed and upon which the overburden or waste is to be or has been deposited, and includes all lands affected by the construction of new roads or the improvement or use of existing roads to gain access to an operation and for haulage.

(e) *Operation* means all of the premises, facilities, roads, and equipment used in the process of determining the location, composition or quality of a mineral deposit, or in developing, extracting, or onsite processing of a mineral deposit in a designated area.

(f) *Method of operation* means the method or manner by which a cut or open pit is made, the overburden is placed or handled, water is controlled or affected and other acts performed by the operator in the process of exploring or uncovering and removing or onsite processing of a mineral deposit.

(g) *Holder or operator* means the permittee or lessee designated in a permit or lease.

(h) *Reclamation* means measures undertaken to bring about the necessary reconditioning or restoration of land or water that has been affected by exploration or mineral development, mining or onsite processing operations, and waste disposal, in ways which will prevent or control onsite and offsite damage to the environment.

§216.4 Technical examination of prospective surface exploration and mining operations.

(a)(1) In connection with an application for a permit or lease, the superintendent shall make, or cause to be made, a technical examination of the prospective effects of the proposed exploration or surface mining operations upon the environment. The technical examination shall take into consideration the need for the preservation and protection of other resources, including cultural, recreational, scenic, historic, and ecological values; and control of

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erosion, flooding, and pollution of water; the isolation of toxic materials; the prevention of air pollution; the reclamation by revegetation, replacement of soil or by other means, of lands affected by the exploration or mining operations; the prevention of slides; the protection of fish and wildlife and their habitat; and the prevention of hazards to public health and safety.

(2) A technical examination of an area should be made with the recognition that actual potential mining sites and mining operations vary widely with respect to topography, climate, surrounding land uses, proximity to densely used areas, and other environmental influences and that mining and reclamation requirements should provide sufficient flexibility to permit adjustment to local conditions.

(b) Based upon the technical examination, the superintendent shall formulate the general requirements which the applicant must meet for the protection of nonmineral resources during the conduct of exploration or mining operations and for the reclamation of lands or waters affected by exploration or mining operations. The general requirements shall be made known in writing to the applicant before the issuance of a permit or lease and upon acceptance thereof by the applicant, shall be incorporated in the permit or lease.

(c) In each instance in which an application is made the mining supervisor shall participate in the technical examination and in the formulation of the general requirements.

(d) The superintendent may prohibit or otherwise restrict operations on any part of an area whenever it is determined that such part of the area described in an application for a permit or lease is such that previous experience under similar conditions has shown that operations cannot feasibly be conducted by any known methods or measures to avoid—

(1) Rock or landslides which would be a hazard to human lives or endanger or destroy private or public property; or

(2) Substantial deposition of sediment and silt into streams, lakes, reservoirs; or

(3) A lowering of water quality below standards established by the appro-

priate State water pollution control agency, or by the Secretary of the Interior, or his authorized representative; or

(4) A lowering of the quality of waters whose quality exceeds that required by the established standards—unless and until it has been affirmatively demonstrated to the Secretary of the Interior, or his authorized representative, that such lowering of quality is necessary to economic and social development and will not preclude any assigned uses made of such waters; or

(5) The destruction of key wildlife habitat or important scenic, historical, or other natural or cultural features.

(e) If, on the basis of a technical examination, the superintendent determines that there is a likelihood that there will be a lowering of water quality as described in paragraphs (d) (3) and (4) of this section caused by the operation, no lease or permit shall be issued until after consultation with the Federal Water Pollution Control Administration and a finding by the Administration that the proposed operation would not be in violation of the Federal Water Pollution Control Act, as amended (33 U.S.C. 466 et seq.), or of Executive Order No. 11288 (31 FR 9261). Where a permit or lease is involved the Superintendent's determination shall be made in consultation with the mining supervisor.

§216.5 Basis for denial of a permit or lease.

An application for a permit or lease to conduct exploratory or mining operations may be denied any applicant who has forfeited a required bond because of failure to comply with a mining plan. However, a permit or lease may not be denied an applicant because of the forfeiture of a bond if the lands disturbed under his previous permit or lease have subsequently been reclaimed without cost to the lessor or the United States.

§216.6 Approval of exploration plan.

(a) Before commencing any surface disturbing operations to explore, test or prospect for minerals, the operator shall file with the mining supervisor a plan for the proposed exploration operations. The mining supervisor shall