

practicable any significant adverse effects on them. Such efforts shall be done in a manner prescribed or approved by the Regional Director in accordance with a programmatic memorandum of agreement among the Service, the State Historic Preservation Officer and the Advisory Council on Historic Preservation, and without expense or liability to the Department.

(e) *General.* (1) All spills or leakages of any hazardous substances, fires, fatalities, and any other conditions which threaten the refuge's resources, the environment, or human safety, shall be reported by the permittee to the Regional Director immediately or as soon as communication can be established. Other notifications shall be made by the permittee as required by applicable laws.

(2) All combustible solid waste shall be incinerated or returned to the permittee's base of operations for disposal in accordance with applicable federal, state and local standards. All non-combustible solid waste, including, but not limited to, fuel drums and shot wire, shall be returned to the permittee's base of operations for disposal in accordance with applicable federal, state and local standards.

(3) No discharge of petroleum, petroleum products, or toxic materials shall be made within the refuge. All hazardous substances utilized and/or generated in conducting exploratory activities shall be contained, controlled, and cleaned up in accordance with the permittee's approved hazardous substances control and contingency plan. Such measures shall take precedence over all other matters except human safety.

(4) Unless exigencies warrant, in any field operations employing surface geological exploration, the equipment, facilities, and personnel used within the coastal plain shall not exceed that necessary to support a maximum of 6 simultaneously operating surface geological survey crews, and in any field operations employing seismic exploration methods, the equipment, facilities, and personnel used within the coastal plain shall not exceed that necessary to support a maximum of 6 simultaneously operating seismic survey crews.

(5) No fuel storage facilities shall be placed within the annual floodplain of fish-bearing watercourses or within 100 feet of any other water body, and no vehicle refueling shall occur within such areas except when approved by the Regional Director. All fuel storage sites shall be approved by the Regional Director. Fuel containers shall be properly stored and marked with the permittee's name, type of fuel, and last date of filling. All fuel containers with a storage capacity greater than 55 gallons shall be of double-wall construction. All fuels containers, including those emptied, shall be capped when not in actual use. All fuel containers placed within the annual floodplain of fish-bearing watercourses shall be removed prior to breakup.

(6) The permittee shall not disturb or damage any geodetic land survey monuments. If any monument is disturbed or damaged, the permittee shall reestablish it in a manner acceptable to the Regional Director.

(7) The timing and location of the detonation of explosives shall be approved in advance by the Regional Director.

(8) No permanent structures or facilities will be erected within the coastal plain. The type and location of temporary structures and facilities including, but not limited to, ice airstrips, for use in support of exploratory activities must be approved by the Regional Director.

#### § 37.32 Special areas.

(a) *Caribou calving and post-calving special areas.* The Regional Director shall designate within the coastal plain specific caribou calving and post-calving special areas which shall be closed to all exploratory activities for such periods between May 10 and July 15 of each year as those areas are determined by the Regional Director to be used for caribou calving and post-calving or both so as to ensure that exploratory activities do not significantly adversely affect calving and post-calving caribou. No exploratory activities shall be conducted in such designated areas during such periods.

(b) *Muskoxen calving special areas.* Whenever he deems it necessary or appropriate to ensure that exploratory

activities do not significantly adversely affect calving muskoxen, the Regional Director shall designate within the following areas specific areas which shall be closed to all exploratory activities for such periods between April 15 and June 5 of each year as those areas are determined by the Regional Director to be used for muskoxen calving. No exploratory activities shall be conducted in such designated areas during such periods.

(1) One generally encompassing the Tamayariak uplands bordered on the east by the Tamayariak River, on the northwest by the Canning River, on the east by a north-south line intersecting the benchmark "Can", and on the south by an east-west line also intersecting the benchmark "Can".

(2) One generally encompassing the Carter Creek uplands, bordered on the east by the Sadlerochit River, on the north by the mainland coastline, on the west by Carter Creek, and on the south by an east-west line approximately six miles inland from the coastline.

(3) One generally encompassing the Niguanak hills, bordered on the east by the Angun River, on the north by the mainland coastline, on the west by a line parallel to and two miles west of the Niguanak River, crossing portions of the Okerokovik River, and extending south to the southern boundary of the coastal plain, and on the south by the southern boundary of the coastal plain.

(c) *Brown bear and polar bear denning special areas.* Whenever he deems it necessary or appropriate to ensure that exploratory activities do not significantly adversely affect denning bears, the Regional Director shall designate within the coastal plain brown bear and polar bear denning sites within ½ mile of which all exploratory activities shall be prohibited for such periods between October 1 of one year and April 30 of the following year as are prescribed by the Regional Director.

(d) *Snow goose staging special areas.* Whenever he deems it necessary or appropriate to ensure that exploratory activities do not significantly adversely affect staging snow geese, the Regional Director shall designate within the general area bordered on the east by the Aichilik River, on the

north by the mainland coastline, on the west by the Hulahula River, and on the south by the southern boundary of the coastal plain, specific snow goose staging special areas which shall be closed to all exploratory activities during such periods between August 20 and September 10 of each year as those areas are determined by the Regional Director to be used for snow goose staging. No exploratory activities shall be conducted in such designated areas during such periods.

(e) In addition, the Regional Director may designate specific areas within the coastal plain that are important for other wildlife or that encompass lands the surface estate in which is owned by holders of approved native allotments or the Kaktovik Inupiat Corporation as special areas in which exploratory activities may be prohibited, conditioned or otherwise restricted in such manner and for such period as prescribed by the Regional Director to avoid significant adverse effects from exploratory activities.

(f) The Regional Director shall notify the permittee of the locations of designated special areas and of the applicable limitations on its exploratory activities as far in advance of the effective dates of such limitations as is possible. The Regional Director may modify or remove such designations and limitations whenever he determines that they are no longer necessary to protect the resources or values of such special areas from significant adverse effects.

(g) No exploratory activities shall be conducted by any permittee at any time within ½ mile of the source of the Sadlerochit Spring or within ¼ mile on either side of Sadlerochit Spring Creek for a distance of 5 miles downstream from its source.

### § 37.33 Environmental briefing.

The permittee shall provide opportunities for the Regional Director to conduct environmental and other pertinent briefings for all of its personnel involved in field operations prior to commencement of field work and periodically thereafter as the Regional Director may determine. The permittee shall require the attendance of its personnel and arrange the time and place