

(i) The action is still practicable at a floodplain or wetland site in light of the exposure to flood risk and the ensuing disruption of natural values;

(ii) The floodplain or wetland site is the only practicable alternative;

(iii) There is a potential for limiting the action to increase the practicability of previously rejected non-floodplain or wetland sites and alternative actions; and

(iv) Minimization of harm to or within the floodplain can be achieved using all practicable means.

(2) Take no action in a floodplain unless the importance of the floodplain site clearly outweighs the requirement of E.O. 11988 to:

(i) Avoid direct or indirect support of floodplain development;

(ii) Reduce the risk of flood loss;

(iii) Minimize the impact of floods on human safety, health and welfare; and

(iv) Restore and preserve floodplain values.

(3) Take no action in a wetland unless the importance of the wetland site clearly outweighs the requirements of E.O. 11990 to:

(i) Avoid the destruction or modification of the wetlands;

(ii) Avoid direct or indirect support of new construction in wetlands;

(iii) Minimize the destruction, loss or degradation of wetlands; and

(iv) Preserve and enhance the natural and beneficial values of wetlands.

(4) In carrying out this balancing process, give the factors in paragraphs (e)(2) and (3) of this section, the great weight intended by the Orders.

(5) Choose the "no action" alternative where there are no practicable alternative actions or sites and where the floodplain or wetland is not itself a practicable alternative. In making the assessment of whether a floodplain or wetland location is itself a practicable alternative, the practicability of the floodplain or wetland location shall be balanced against the practicability of not carrying out the action at all. That is, even if there is no practicable alternative outside of the floodplain or wetland, the floodplain or wetland itself must be a practicable location in order for the action to be carried out there. To be a practicable location, the importance of carrying out the action

must clearly outweigh the requirements of the Orders listed in paragraphs (e)(2) and (e)(3) of this section. Unless the importance of carrying out the action clearly outweighs those requirements, the "no action" alternative shall be selected.

(6) In any case in which the Regional Director has selected the "no action" option, FIA may not provide a new or renewed contract of flood insurance for that structure.

EFFECTIVE DATE NOTE: At 45 FR 79070, Nov. 28, 1980, §9.9(e)(6) was temporarily suspended until further notice.

§9.10 Identify impacts of proposed actions.

(a) *Purpose.* The purpose of this section is to ensure that the effects of proposed Agency actions are identified.

(b) The Agency shall identify the potential direct and indirect adverse impacts associated with the occupancy and modification of floodplains and wetlands and the potential direct and indirect support of floodplain and wetland development that could result from the proposed action. Such identification of impacts shall be to the extent necessary to comply with the requirements of the Orders to avoid floodplain and wetland locations unless they are the only practicable alternatives and to minimize harm to and within floodplains and wetlands.

(c) This identification shall consider whether the proposed action will result in an increase in the useful life of any structure or facility in question, maintain the investment at risk and exposure of lives to the flood hazard or forego an opportunity to restore the natural and beneficial values served by floodplains or wetlands. Regional Offices of the U.S. Fish and Wildlife Service may be contacted to aid in the identification and evaluation of potential impacts of the proposed action on natural and beneficial floodplain and wetland values.

(d) In the review of a proposed or alternative action, the Regional Director shall specifically consider and evaluate: impacts associated with modification of wetlands and floodplains regardless of its location; additional impacts which may occur when certain

types of actions may support subsequent action which have additional impacts of their own; adverse impacts of the proposed actions on lives and property and on natural and beneficial floodplain and wetland values; and the three categories of factors listed below:

(1) *Flood hazard-related factors.* These include for example, the factors listed in §9.7(b)(2);

(2) *Natural values-related factors.* These include, for example, the following: Water resource values (natural moderation of floods, water quality maintenance, and ground water recharge); living resource values (fish and wildlife and biological productivity); cultural resource values (archeological and historic sites, and open space recreation and green belts); and agricultural, aquacultural and forestry resource values.

(3) *Factors relevant to a proposed action's effects on the survival and quality of wetlands.* These include, for example, the following: Public health, safety, and welfare, including water supply, quality, recharge and discharge; pollution; flood and storm hazards; and sediment and erosion; maintenance of natural systems, including conservation and long term productivity of existing flora and fauna, species and habitat diversity and stability, hydrologic utility, fish, wildlife, timber, and food and fiber resources; and other uses of wetlands in the public interest, including recreational, scientific, and cultural uses.

§9.11 Mitigation.

(a) *Purpose.* The purpose of this section is to expand upon the directives set out in §9.6 of this part, and to set out the mitigative actions required if the preliminary determination is made to carry out an action that affects or is in a floodplain or wetland.

(b) *General provisions.* (1) The Agency shall design or modify its actions so as to minimize harm to or within the floodplain;

(2) The Agency shall minimize the destruction, loss or degradation of wetlands;

(3) The Agency shall restore and preserve natural and beneficial floodplain values; and

(4) The Agency shall preserve and enhance natural and beneficial wetland values.

(c) *Minimization provisions.* The Agency shall minimize:

(1) Potential harm to lives and the investment at risk from the base flood, or, in the case of critical actions, from the 500-year flood;

(2) Potential adverse impacts the action may have on others; and

(3) Potential adverse impact the action may have on floodplain and wetland values.

(d) *Minimization Standards.* In its implementation of the Disaster Relief Act of 1974, the Agency shall apply at a minimum, the following standards to its actions to comply with the requirements of paragraphs (b) and (c), of this section, (except as provided in §9.5 (c), (d), and (g) regarding categories of partial or total exclusion). Any Agency action to which the following specific requirements do not apply, shall nevertheless be subject to the full 8-step process (§9.6) including the general requirement to minimize harm to and within floodplains:

(1) There shall be no new construction or substantial improvement in a floodway, and no new construction in a coastal high hazard area, except for:

(i) A functionally dependent use; or

(ii) A structure or facility which facilitates an open space use.

(2) For a structure which is a functionally dependent use, or which facilitates an open space use, the following applies. There shall be no construction of a new or substantially improved structure in a coastal high hazard area unless it is elevated on adequately anchored pilings or columns, and securely anchored to such piles or columns so that the lowest portion of the structural members of the lowest floor (excluding the pilings or columns) is elevated to or above the base flood level (the 500-year flood level for critical actions) (including wave height). The structure shall be anchored so as to withstand velocity waters and hurricane wave wash. The Regional Director shall be responsible for determining the base flood level, including the wave height, in all cases. Where there is a FIRM in effect, it shall be the basis of the Regional Director's determination.