

alternative evaluation would either identify a better option or support and document that there is no reasonable alternative to the loss of flood control storage. If this determination can be made, the applicant must then demonstrate how the loss of flood control storage will be minimized.

(1) In addition, documentation shall be provided regarding:

(i) The amount of anticipated flood control storage loss;

(ii) The cost of compensation of the displaced flood control storage (how much it would cost to excavate material from the flood control storage zone, haul it to an upland site and dispose of it);

(iii) The cost of mitigation of the displaced flood control storage (how much it would cost to excavate material from another site within the flood control storage zone, haul it to the project site and use as the fill material);

(iv) The cost of the project; and

(v) The nature and significance of any economic and/or natural resource benefits that would be realized as a result of the project.

(2) TVA may, in its discretion, decline to permit any project that would result in the loss of flood control storage.

(d) Recreational vehicles parked or placed within flood control storage zones of TVA reservoirs shall be deemed an obstruction affecting navigation, flood control, or public lands or reservations within the meaning of section 26a of the Act unless they:

(1) Remain truly mobile and ready for highway use. The unit must be on its wheels or a jacking system and be attached to its site by only quick disconnect type utilities;

(2) Have no permanently attached additions, connections, foundations, porches, or similar structures; and

(3) Have an electrical cutoff switch that is located above the flood control zone and fully accessible during flood events.

§ 1304.408 Variances.

The Vice President or the designee thereof is authorized, following consideration whether a proposed structure or other regulated activity would adversely impact navigation, flood control, public lands or reservations, power generation, the environment, or sensitive environmental resources, or would be incompatible with surrounding uses or inconsistent with an approved TVA reservoir land management plan, to approve a structure or activity that varies from the requirements of this part in minor aspects.

§ 1304.409 Indefinite or temporary moorage of recreational vessels.

(a) Recreational vessels' moorage at unpermitted locations along the water's edge of any TVA reservoir may not exceed 14 consecutive days at any one place or at any place within one mile thereof.

(b) Recreational vessels may not establish temporary moorage within the limits of primary or secondary navigation channels.

(c) Moorage lines of recreational vessels may not be placed in such a way as to block or hinder boating access to any part of the reservoir.

(d) Permanent or extended moorage of a recreational vessel along the shoreline of any TVA reservoir without approval under section 26a of the TVA Act is prohibited.

§ 1304.410 Navigation restrictions.

(a) Except for the placement of riprap along the shoreline, structures, land based or water use, shall not be located within the limits of safety harbors and landings established for commercial navigation.

(b) Structures shall not be located in such a way as to block the visibility of navigation aids. Examples of navigation aids are lights, dayboards, and directional signs.

(c) The establishment of "no-wake" zones outside approved harbor limits is prohibited at marinas or community dock facilities that are adjacent to or near a commercial navigation channel. In such circumstances, facility owners may, upon approval from TVA, install a floating breakwater along the harbor limit to reduce wave and wash action.

§ 1304.411 Fish attractor, spawning, and habitat structures.

Fish attractors constitute potential obstructions and require TVA approval.

(a) Fish attractors may be constructed of anchored brush piles, log cribs, and/or spawning benches, stake beds, vegetation, or rock piles, provided they meet "TVA Guidelines for Fish Attractor Placement in TVA Reservoirs" (TVA 1997).

(b) When established in connection with an approved dock, fish attractors shall not project more than 30 feet out from any portion of the dock.

(c) Any floatable materials must be permanently anchored.

§ 1304.412 Definitions.

Except as the context may otherwise require, the following words or terms, when used in this part 1304, have the meaning specified in this section.

100-year floodplain means that area inundated by the one percent annual chance (or 100-year) flood.

500-year floodplain means that area inundated by the 0.2 percent annual chance (or 500-year) flood; any land susceptible to inundation during the 500-year or greater flood.

Act means the Tennessee Valley Authority Act of 1933, as amended.

Applicant means the person, corporation, State, municipality, political subdivision or other entity making application to TVA.

Application means a written request for the approval of plans pursuant to the regulations contained in this part.

Backlot means a residential lot not located adjacent to the shoreline but located in a subdivision associated with the shoreline.

Board means the Board of Directors of TVA.

Community outlot means a subdivision lot located adjacent to the shoreline and designated by deed, subdivision covenant, or recorded plat as available for use by designated property owners within the subdivision.

Dredging means the removal of material from a submerged location, primarily for deepening harbors and waterways.

Enclosed structure means a structure enclosed overhead and on all sides so as to keep out the weather.

Flood control storage means the volume within an elevation range on a TVA reservoir that is reserved for the storage of floodwater.

Flood control storage zone means the area within an elevation range on a TVA reservoir that is reserved for the storage of floodwater. TVA shall, upon request, identify the contour marking the upper limit of the flood control storage zone at particular reservoir locations.

Flood risk profile elevation means the elevation of the 500-year flood that has been adjusted for surcharge at the dam. Surcharge is the ability to raise the water level behind the dam above the top-of-gates elevation.

Flowage easement shoreland means privately-owned properties where TVA has the right to flood the land.

Footprint means the total water surface area of either a square or rectangular shape occupied by an adjoining property owner's dock, pier, boathouse, or boatwells.

Full summer pool means the targeted elevation to which TVA plans to fill each reservoir during its annual operating cycle. Applicants are encouraged to consult the appropriate TVA Watershed Team or the TVA website to obtain the full summer pool elevation for the reservoir in question at the time the application is submitted.

Land-based structure means any structure constructed on ground entirely