

Table 4-74. Irreversibly or irretrievably committed resources.

Resource	Alternatives	
	No Action	Shutdown/Maintain ^a
Groundwater	Increased groundwater demand of approximately 190 and 210 gallons per minute (0.012 and 0.014 cubic meter per second) from Crouch Branch and McQueen Branch aquifers to provide auxiliary equipment cooling water in L- and K-Area respectively.	Additional demand at K- and L-Areas of up to 200 gallons per minute (0.013 cubic meter per second) to support fire protection at each reactor.
Terrestrial Ecology	Loss of waterfowl habitat in Par Pond as the water level is allowed to fluctuate.	As L-Lake recedes there will be a loss of shoreline habitat for semiaquatic and terrestrial animals using the reservoir for drinking water and food, a loss of eagle foraging habitat and a loss of alligator habitat. The same resources committed in the No Action Alternative for Par Pond would apply.
Aquatic Ecology	Continued loss of primary and secondary productivity in L-Lake due to the elimination of Savannah River water inputs. Aquatic communities in Par Pond and Lower Three Runs will be reduced in number, diversity, and productivity. Entrainment losses of an estimated 234,000 larval fish and 117,000 fish eggs each spawning season with the continued Savannah River water withdrawals for L-Lake.	As L-Lake recedes, there will be a loss of up to a 1000 acres of laucustrine habitat. Aquatic communities in L-Lake, Steel Creek, Lower Three Runs, and Par Pond will be reduced in number, diversity, and productivity.
Wetlands Ecology	Loss of open water and marsh habitat in the Steel Creek corridor and delta, and continued loss of riparian habitat in Lower Three Runs due to the prior reduction of flows to 10 cubic feet (0.28 meter) per second. Reduction of littoral zone wetlands around Par Pond of up to 200 acres.	The same resources committed in the No Action Alternative would apply. The same resources committed in the No Action Alternative would apply.

a. The same resources committed in the Shutdown and Maintain Alternative would apply to the Shutdown and Deactivate Alternative.

L10-15
L12-03
L15-06