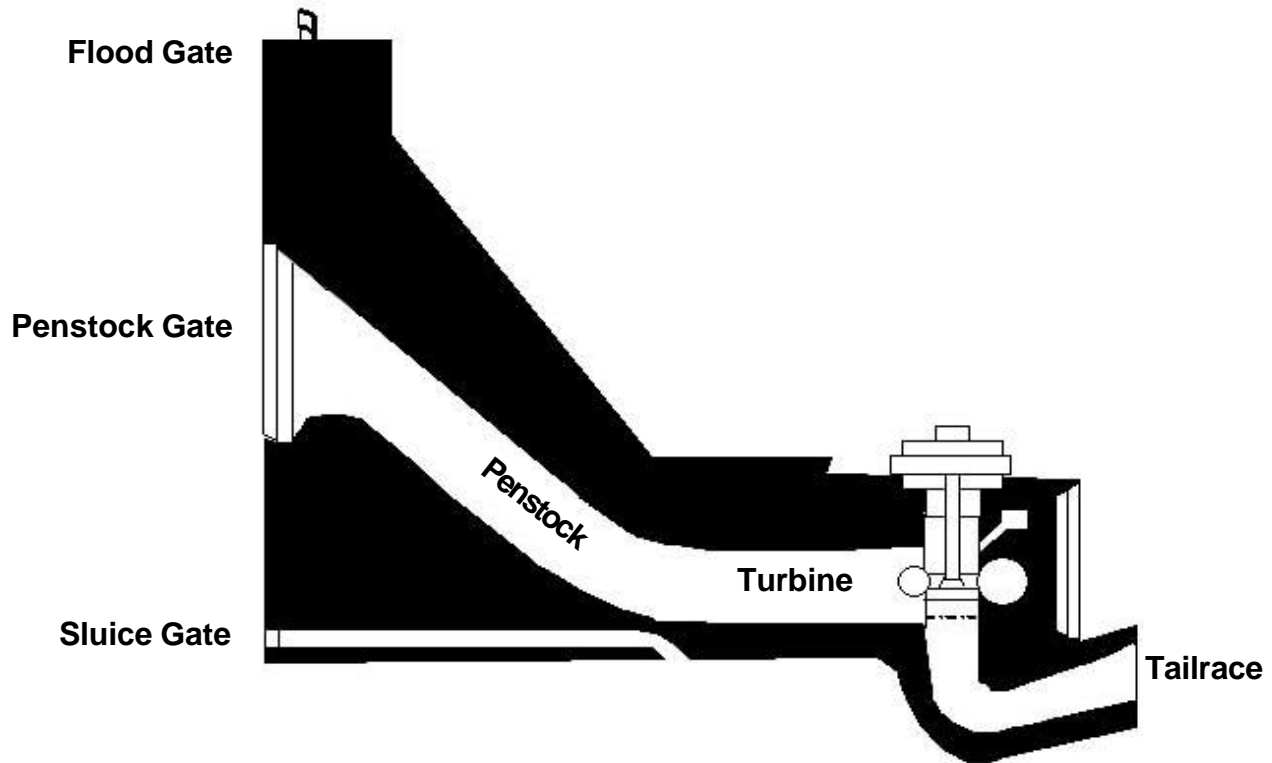




US Army Corps  
of Engineers  
Savannah District

## Water Release Savannah River Basin Fact Sheet



### Release Locations

Water can be released through the dam three different ways - through the turbines, floodgates (also referred to as spillway or tainter gates), or sluice gates.

The preferred method for releasing water is through the turbines where water can be controlled, monitored and used to produce energy while also meeting water supply and water quality needs of the Savannah River Basin.

During flood conditions, water may be released through the floodgates, enabling a large quantity of water to be released quickly. Although water can be released through the sluice gates, this is not desirable. Water released through the sluice gates is of poor quality (dead storage) as it is from the lower depths of the lakes - therefore containing lower levels of dissolved oxygen, heavy siltation, and other deposits. Water released through flood gates or sluice gates cannot be used to generate power.

**Hartwell Dam & Lake**  
P.O. Box 278  
5625 Anderson Hwy  
Hartwell, GA 30643-0278  
706-856-0300  
1-888-893-0678  
[www.sas.usace.army.mil/lakes/hartwell](http://www.sas.usace.army.mil/lakes/hartwell)

**Richard B. Russell Dam & Lake**  
4144 Russell Dam Drive  
Elberton, GA 30635-9271  
706-213-3400  
1-800-944-7207  
[www.sas.usace.army.mil/lakes/russell](http://www.sas.usace.army.mil/lakes/russell)

**J. Strom Thurmond Dam & Lake**  
Rt. 1, Box 12  
Highway 221  
Clarks Hill, SC 29821-9703  
864-333-1100  
1-800-533-3478  
[www.sas.usace.army.mil/lakes/thurmond](http://www.sas.usace.army.mil/lakes/thurmond)