



**Name of Plant:** Lock 15  
**Year in Service:** Since 1934  
**Horsepower of Turbine:**  
**Equipment Used:** Hydro Turbine  
**Annual Energy Gen.**



**Water Conditions:** Mississippi  
**Bearings Used:** Lignum-Vitae was and still is the bearing of choice  
**Longevity of Bearing:** 1934-2001 (67 years)

**Information of Note:** Just Ask the Army Corps of Engineers

**Information below was from a RFQ**

"The original hydro turbine bearings made of Lignum Vitae, lasted from 1934 to 2001. The Lignum Vitae bearing design kept the hydro turbine in service for sixty-seven years! Modern composite metal bearing materials such as Thoradon, Rytex, Mycarta, and Phenolics are unacceptable materials due to their inability to match the characteristics of Lignum Vitae."