



Name of Plant: Stevens Point

Year in Service: Since 1917

Horsepower of Turbine: Six Francis turbines at 950 hp each

Equipment Used: Francis Turbine Brand

Annual Energy Gen.

Water Conditions: Stevens Creek

Bearings Used: Lignum-Vitae was and still is the bearing of choice

Longevity of Bearing: Lignum-Vitae used for decades

Information of Note: This is Stevens point dam 1917 with 6 Francis turbines at 950 hp each“ the lower guide bearings on this hydro as with all hydro’s owned by CWP co prior to 1940 were made of lignum vitae wood. For a few years a phenolic material was used but did not hold up well. Lignum Vitae has a natural lubricant in the wood which makes an excellent bearing when used underwater.