



NESHKORO PROJECT #39.04 WI

CONSTRUCTION AND KEY DATES

Owner.....Neshkoro Hydro, LLC
 Date of Lease.....1982
 Date Originally Built.....1906
 Online Date.....1982
 License Effective Date..... No Jurisdiction
 License Expiration Date.....No Jurisdiction

STRUCTURAL DATA

Dam Type.....Concrete Gravity Dam
 Overall Length and Height.....29' Long
 Power Canal.....N/A
 Penstock.....N/A
 Spillway Description:
 3 – Steel Slide Gates.....3' Wide x 6.5' Tall
 5 – Steel Slide Gates.....3' Wide x 8.5' Tall

HYDROLOGIC DATA

River.....White River
 County.....Marquette County, WI
 Nearest City.....Neshkoro
 Drainage Area Square Miles.....120
 Reservoir Acres.....569
 Storage Volume Acre Feet.....122
 100-Year Flood CFS.....No Data
 Probable Maximum Flood CFS.....No Data
 Spillway Discharge.....No Data

PLANT DATA

Turbine Manufacturer.....The James Leffel and Co.
 Turbine Identification:
 Unit #1.....Leffel 36" Kaplan
 Turbine CFS @ 100% Gate:
 Unit #1.....No Data
 Generator Identification:
 Unit #1.....Burke Electric
 Generator Nameplate Rating KVA:
 Unit #1.....250 KVA
 Generator Horsepower:
 Unit #1.....200
 Generator Speed RPM:
 Unit #1.....600 RPM
 Generator Voltage:
 Unit #1.....2400

OPERATIONAL DATA

Normal Headwater Elevation.....796.60
 Minimum Headwater Elevation.....794.00
 Maximum Headwater Elevation.....798.00
 Normal Operating Head.....12'
 Number of Units.....1
 Maximum Generating Capacity.....150 KW
 Annual Generation.....50 GWH
 Maximum Turbine Discharge CFS.....No Data
 Hazard Rating.....Low